

**TWENTY-SEVENTH REPORT**

(Seven Annual, Twenty Biennial)

**OF THE**

**Board of Trustees**

**OF THE**

**University of Illinois**

**URBANA, ILLINOIS**

---

**For the Two Years Ending June 30, 1914**





ILLINOIS STATE JOURNAL CO., STATE PRINTERS.  
SPRINGFIELD, ILL.  
1914.

## LETTER OF TRANSMITTAL.

---

URBANA, *July 1, 1914.*

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

SIR: I have the honor to submit to you herewith, in compliance with the law, the twenty-seventh report of the Trustees of the University of Illinois, for the two years ending June 30, 1914.

I am, very respectfully, your obedient servant,

HARRISON E. CUNNINGHAM, *Secretary.*



## THE BOARD OF TRUSTEES.

---

### MEMBERS EX OFFICIO.

#### THE GOVERNOR OF ILLINOIS,

HON. EDWARD F. DUNNE.....Springfield

#### THE PRESIDENT OF THE STATE BOARD OF AGRICULTURE,

DR. JOHN T. MONTGOMERY.....Charleston

#### THE SUPERINTENDENT OF PUBLIC INSTRUCTION,

HON. FRANCIS G. BLAIR.....Springfield

### ELECTED MEMBERS.

*(Term, 1909-1915.)*

LAURA B. EVANS.....Taylorville  
ARTHUR MEEKER.....Union Stock Yards, Chicago  
ALLEN F. MOORE.....Monticello

*(Term, 1911-1917.)*

WILLIAM L. ABBOTT.....120 West Adams Street, Chicago  
MARY E. BUSEY.....Urbana  
OTIS W. HOIT.....Geneseo

*(Term, 1913-1919.)*

ELLEN M. HENROTIN.....743 Lincoln Parkway, Chicago  
JOHN R. TREVETT.....Champaign  
FLORENCE E. WATSON.....Effingham

### OFFICERS OF THE BOARD.

WILLIAM L. ABBOTT, 120 West Adams Street, Chicago.....President  
CHARLES M. MCCONN, Urbana.....\*Secretary  
HARRISON E. CUNNINGHAM, Urbana.....†Secretary  
MATTHEW W. BUSEY, Urbana.....Treasurer  
GEORGE E. FRAZER, Urbana.....Comptroller

### EXECUTIVE COMMITTEE.

WILLIAM L. ABBOTT, *Chairman*; ALLEN F. MOORE; JOHN R. TREVETT.

---

\* Resigned, January 21, 1914.

† Elected, January 21, 1914.



# CONTENTS.

	PAGE
Letter of Transmittal.....	3
Board of Trustees.....	5
Advisory Boards.....	9
Administrative Officers.....	11
Officers of Instruction.....	14
Faculty of the College of Medicine.....	25
Faculty of the College of Dentistry.....	29
Faculty of the School of Pharmacy.....	29
Staff of the University Library.....	29
Staff of the Agricultural Experiment Station.....	30
Staff of the Engineering Experiment Station.....	32
Staff of the State Laboratory of Natural History.....	33
Staff of the State Entomologist's Office.....	33
Staff of the State Water Survey.....	33
Staff of the State Geological Survey.....	34
The Board of Examiners in Accountancy.....	34
Cooperative Investigation of Illinois Coal Problems and Mine Rescue Station.....	35
Miners' and Mechanics' Institutes.....	35
Summaries of Students.....	36
Proceedings of the Board of Trustees, 1912-1913.....	40
Meeting of July 5, 1912.....	40
Adjourned session of July 13, 1912.....	89
Meeting of August 23, 1912.....	96
Meeting of September 10, 1912.....	106
Adjourned session of September 19, 1912.....	106
Meeting of October 8, 1912.....	122
Meeting of December 10, 1912.....	136
Meeting of December 19, 1912.....	138
Meeting of January 7, 1913.....	155
Meeting of January 25, 1913.....	163
Meeting of February 12, 1913.....	172
Meeting of March 5, 1913.....	181
Meeting of March 11, 1913.....	194
Meeting of April 4, 1913.....	202
Meeting of April 24, 1913.....	213
Meeting of May 9, 1913.....	224
Meeting of May 22, 1913.....	225
Meeting of June 10, 1913.....	228
Meeting of June 25, 1913.....	260
Financial Report and Warrants, 1912-1913.....	274
Proceedings of the Board of Trustees, 1913-1914.....	589
Meeting of July 2, 1913.....	589
Meeting of July 23, 1913.....	600
Meeting of August 26, 1913.....	637
Meeting of September 6, 1913.....	638
Meeting of September 9, 1913.....	651
Meeting of October 4, 1913.....	652
Adjourned session of October 9, 1913.....	662
Meeting of December 9, 1913.....	663
Adjourned session of December 13, 1913.....	663
Meeting of January 21, 1914.....	688
Meeting of March 10, 1914.....	719
Executive Committee Meeting of April 9, 1914.....	741
Meeting of April 22, 1914.....	745
Meeting of June 9, 1914.....	753
Adjourned session of June 15, 1914.....	786
Adjourned session of June 16, 1914.....	786
Financial Statement and Warrants, 1913-1914.....	787
Index.....	1255



## ADVISORY BOARDS.

---

### COLLEGE OF LAW.

George E. Drennan, Chicago; William R. Hunter, Kankakee; Walter C. Lindley, Danville; George T. Page, Peoria; Peter P. Schaefer, Champaign.

### SCHOOL OF PHARMACY.

A. G. C. Ackerman, Chicago; Herman Fry, Chicago; E. H. Ladish, Chicago; George C. Lescher, Galesburg; F. Lueder, Peoria.

### ENGINEERING EXPERIMENT STATION.

#### CONFERENCE COMMITTEE-ON FUEL TESTS OF ILLINOIS COALS.

William L. Abbott, for the Board of Trustees, University of Illinois, Chicago; A. Bement, for the Western Society of Engineers, Chicago; F. H. Clark, for the Western Railway Club, Chicago; W. F. M. Goss, for the Engineering Experiment Station, Urbana; Adolph Mueller, for the Illinois Manufacturers' Association, Decatur; Carl Scholz, for the Illinois Coal Operators' Association, Chicago.

#### CONFERENCE COMMITTEE ON ELECTRIC TRACTION TESTS.

William L. Abbott, Chief Operating Engineer, Commonwealth Edison Company, Trustee of the University of Illinois, Chicago; L. E. Fisher, Consulting Engineer, St. Louis, Mo.; T. P. Gaylord, District Manager, Westinghouse Electric and Manufacturing Company, Chicago; W. F. M. Goss, Director of the Engineering Experiment Station, University of Illinois, Urbana; Edward C. Schmidt, Professor of Railway Engineering, University of Illinois, Urbana; B. E. Sunny, General Manager, General Electric Company, Chicago.

### DEPARTMENT OF CERAMICS.

F. W. Butterworth, Danville; A. W. Gates, Monmouth; W. D. Gates, Chicago; D. V. Purington, Chicago; J. W. Stipes, Champaign.





## **ADMINISTRATIVE OFFICERS, 1913-14.**

---

Edmund Janes James, Ph.D., LL.D., President.  
David Kinley, Ph.D., LL.D., Vice-President.  
George Enfield Frazer, A.B., LL.B., Comptroller.  
Charles Maxwell McConn, A.M., Registrar.  
Harrison Edward Cunningham, A.B., Secretary.

### **THE COUNCIL OF ADMINISTRATION.**

Edmund Janes James, Ph.D., LL.D., President.  
David Kinley, Ph.D., LL.D., Vice-President, Dean of the Graduate School, Director of the Courses in Business Administration, and Professor of Economics.

Eugene Davenport, M.Agr., LL.D., Dean of the College of Agriculture and Professor of Thremmatology.

Oliver Albert Harker, A.M., LL.D., Dean of the College of Law and Professor of Law.

William Edward Quine, M.D., LL.D., Senior Dean of the College of Medicine and Emeritus Professor of Medicine.

Thomas Arkle Clark, B.L., Dean of Men and Professor of Rhetoric.

\*William Freeman Myrick Goss, M.S., D.Eng., Dean of the College of Engineering, Director of the School of Railway Engineering and Administration, Director of the Engineering Experiment Station, and Professor of Railway Engineering.

Kendric Charles Babcock, B.Lit., Ph.D., Dean of the College of Liberal Arts and Sciences.

Charles Russ Richards, B.M.E., M.E., M.M.E., Acting Dean of the College of Engineering and Professor of Mechanical Engineering.

Frederick Brown Moorehead, A.B., D.D.S., M.D., Dean of the College of Dentistry and Professor of Oral Surgery and Pathology.

Martha Jackson Kyle, A.M., Acting Dean of Women.

George Peter Dreyer, A.B., Ph.D., Junior Dean of the College of Medicine, Professor of Physiology and Physiological Chemistry, and Head of the Department of Physiology and Physiological Chemistry.

### **THE COLLEGES AND SCHOOLS.**

#### **THE COLLEGE OF LIBERAL ARTS AND SCIENCES.**

Kendric Charles Babcock, B.Lit., Ph.D., Dean.  
George Henry Meyer, A.M., Assistant Dean.

#### **THE COLLEGE OF ENGINEERING.**

\*William Freeman Myrick Goss, M.S., D.Eng., Dean.  
Charles Russ Richards, R.M.E., M.E., M.M.E., Acting Dean.  
Harvey Willard Miller, M.E., Assistant Dean.

---

\* On leave.

## THE COLLEGE OF AGRICULTURE.

Eugene Davenport, M.Agr., LL.D., Dean.  
Fred Henry Rankin, Assistant to the Dean.

## THE COLLEGE OF LAW.

Oliver Albert Harker, A.M., LL.D., Dean.  
William Green Hale, LL.B., Secretary.

## THE GRADUATE SCHOOL.

David Kinley, Ph.D., LL.D., Dean.

## THE LIBRARY SCHOOL.

Phineas Lawrence Windsor, Ph.B., Director.  
Francis Simpson, M.L., B.L.S., Assistant Director.

## THE SCHOOL OF MUSIC.

Charles Henry Mills, D.Mus., F.R.C.O.Eng., F.A.G.O., Director.

## THE SCHOOL OF EDUCATION.

William Chandler Bagley, Ph.D., Director.  
Wilford Stanton Miller, A.M., Secretary.

## THE COURSES IN BUSINESS ADMINISTRATION.

David Kinley, Ph.D., LL.D., Director.  
Nathan Austin Weston, Ph.D., Assistant Director.

## THE SCHOOL OF RAILWAY ENGINEERING AND ADMINISTRATION.

\*William Freeman Myrick Goss, M.S.,†D.Eng., Director.

## THE SUMMER SESSION.

William Chandler Bagley, Ph.D., Director.

## THE COLLEGE OF MEDICINE.

William Edward Quine, M.D., LL.D., Senior Dean.  
George Peter Dreyer, A.B., Ph.D., Junior Dean.  
William Henry Browne, Secretary.

## THE COLLEGE OF DENTISTRY.

Frederick Brown Moorehead, A.B., D.D.S., M.D., Dean.  
William Henry Browne, Secretary.

## THE SCHOOL OF PHARMACY.

William Baker Day, Ph.G., Acting Dean and Secretary.

---

\* On leave.

**GENERAL ADMINISTRATIVE OFFICERS.****OFFICE OF THE PRESIDENT.**

Edmund Janes James, Ph.D., LL.D., President.  
Edward Joseph Filbey, Ph.D., Private Secretary to the President.  
Vergil Vivian Phelps, B.D., Ph.D., Executive Clerk.

**OFFICE OF THE VICE PRESIDENT.**

David Kinley, Ph.D., LL.D., Vice-President.

**OFFICE OF THE COMPTROLLER.**

George Enfield Frazer, A.B., LL.B., Comptroller.  
Lynn Elmer Knorr, A.B., Assistant Comptroller.  
Nathaniel Hay, Purchasing Agent.  
Oren Elmer Staples, Bursar.  
Lloyd Morey, A.B., B.Mus., Auditor.

**OFFICE OF THE REGISTRAR.**

Charles Maxwell McConn, A.M., Registrar.  
Harrison Edward Cunningham, A.B., Assistant Registrar.  
Levi Augustus Boice, Recorder.  
Ira Melville Smith, LL.B., Chief Clerk.

**OFFICE OF THE DEAN OF MEN.**

Thomas Arkle Clark, B.L., Dean.  
Arthur Ray Warnock, A.B., Assistant Dean.

**OFFICE OF THE DEAN OF WOMEN.**

Martha Jackson Kyle, A.M., Acting Dean.

**ADVISER TO FOREIGN STUDENTS.**

Arthur Romeyn Seymour, Ph.D., Adviser.

**OFFICE OF THE SUPERVISING ARCHITECT.**

James McLaren White, B.S., Supervising Architect.  
Henry Dixon Oberdorfer, B.S., Assistant to the Supervising Architect.  
Joseph Morrow, Superintendent of Buildings.  
Evelyn Atkinson, Superintendent of Grounds.

**DEPARTMENT OF PHYSICAL TRAINING FOR MEN.**

George A. Huff, Director.

**DEPARTMENT OF PHYSICAL TRAINING FOR WOMEN.**

Gertrude Evelyn Moulton, A.B., Director.

**DEPARTMENT OF MILITARY SCIENCE.**

Frank Daniel Webster, Major 20th U. S. Infantry, Commandant.  
Frederick William Post, 1st Sergeant U. S. A., Ret'd, Administrative Assistant.

## THE UNIVERSITY LIBRARY.

Phineas Lawrence Windsor, Ph.B., Librarian.

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

## CURATORS.

Frank Smith, A.M., Professor of Systematic Zoology and Curator of the Museum of Natural History.

Arthur Stanley Pease, Ph.D., Associate Professor of the Classics and Curator of the Museum of Classical Art and Archeology.

Neil Conwell Brooks, Ph.D., Assistant Professor of German and Curator of the Museum of European Culture.

OFFICERS OF INSTRUCTION,  
1913-14.

## THE SENATE.\*

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

Thomas Jonathan Burrill, Ph.D., LL.D., Professor of Botany, *Emeritus*.

Samuel Walker Shattuck, C.E., LL.D., Professor of Mathematics, *Emeritus*.

Nathan Clifford Ricker, D.Arch., Professor of Architecture.

Ira Osborn Baker, C.E., D.Eng., Professor of Civil Engineering.

Stephen Alfred Forbes, Ph.D., LL.D., Professor of Entomology.

Charles Wesley Rolfe, M.S., Professor of Geology.

Donald McIntosh, V.S., Professor of Veterinary Science.

Arthur Newell Talbot, C.E., Professor of Municipal and Sanitary Engineering.

Samuel Wilson Parr, M.S., Professor of Applied Chemistry.

Herbert Jewett Barton, A.M., Professor of the Latin Language and Literature, Chairman of the Department of the Classics, and Secretary of the Senate.

Charles Melville Moss, Ph.D., Professor of the Greek Language and Literature.

Daniel Kilham Dodge, Ph.D., Professor of the English Language and Literature.

David Kinley, Ph.D., LL.D., Professor of Economics, Vice-President, Dean of the Graduate School, and Director of the Courses in Business Administration.

Eugene Davenport, M.Agr., LL.D., Professor of Thremmatology and Dean of the College of Agriculture.

Albert Pruden Carman, D.Sc., Professor of Physics.

Evarts Boutell Greene, Ph.D., Professor of History.

Thomas Arkle Clark, B.L., Professor of Rhetoric and Dean of Men.

Arthur Hill Daniels, Ph.D., Professor of Philosophy.

†Newton Alonzo Wells, M.P., Professor of Architectural Decoration.

Isabel Bevier, Ph.M., Professor of Household Science and Director of the Courses in Household Science.

†Cyril George Hopkins, M.S., Ph.D., Professor of Agronomy.

Morgan Brooks, Ph.B., M.E., Professor of Electrical Engineering.

James McLaren White, B.S., Professor of Architectural Engineering and Supervising Architect.

Herbert Windsor Mumford, B.S., Professor of Animal Husbandry.

Maurice Henry Robinson, Ph.D., Professor of Industry and Transportation.

Joseph Cullen Blair, M.S.A., Professor of Horticulture.

Horace Adelbert Hollister, A.M., Professor of Education and High School Visitor.

\* The Senate is composed of all University officers of full professorial rank and all others in charge of independent departments of instruction. The order is that of seniority.

† On leave.

† On leave for one year from November 1, 1913.

Oliver Albert Harker, A.M., LL.D., Professor of Law and Dean of the College of Law.

Edward John Lake, B.S., Assistant Professor of Art and Design and Acting Head of the Department of Art and Design.

Thomas Edward Oliver, Ph.D., Professor of Romance Languages.

Wilber John Fraser, M.S., Professor of Dairy Farming.

Frederick Green, A.M., LL.B., Professor of Law.

Harry Sands Grindley, D.Sc., Professor of Animal Nutrition.

James Wilford Garner, Ph.D., Professor of Political Science.

Edgar Jerome Townsend, Ph.D., Professor of Mathematics.

Edward Bartow, Ph.D., Professor of Sanitary Chemistry and Director of the State Water Survey.

William Albert Noyes, Ph.D., LL.D., Professor of Chemistry and Director of the Chemistry Laboratory.

Ernest Ritson Dewsnap, A.M., Professor of Railway Administration.

\*William Freeman Myrick Goss, M.S., D.Eng., Professor of Railway Engineering, Dean of the College of Engineering, and Director of the School of Railway Engineering and Administration.

George Abram Miller, Ph.D., Professor of Mathematics.

Edward Cary Hayes, Ph.D., Professor of Sociology.

William Chandler Bagley, Ph.D., Professor of Education and Director of the School of Education.

Julius Goebel, Ph.D., Professor of German.

Charles Henry Mills, D.Mus., F.R.C.O., F.A.G.O., Professor of Music and Director of the School of Music.

George Alfred Goodenough, M.E., Professor of Thermodynamics.

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

Boyd Henry Bode, Ph.D., Professor of Philosophy.

Henry Baldwin Ward, Ph.D., Professor of Zoölogy.

Harry Harkness Stoek, B.S., E.M., Professor of Mining Engineering.

Edward Charles Schmidt, M.E., Professor of Railway Engineering.

Stuart Pratt Sherman, Ph.D., Professor of English.

Raymond MacDonald Alden, Ph.D., Professor of English and Chairman of the Committee of the Department of English.

Charles Russ Richards, M.E., M.M.E., Professor of Mechanical Engineering, Head of the Department of Mechanical Engineering, and Acting Dean of the College of Engineering.

Charles Spencer Crandall, M.S., Professor of Pomology.

Edward Harris Decker, A.B., LL.B., Professor of Law and Acting Librarian of the College of Law.

†John Archibald Fairlie, Ph.D., Professor of Political Science.

Leonard Hegnauer, B.S., Professor of Crop Production.

John William Lloyd, M.S.A., Professor of Olericulture.

Jeremiah George Mosier, B.S., Professor of Soil Physics.

Gertrude Evelyn Moulton, A.B., Director of Physical Training for Women.

James Harvey Pettit, Ph.D., Professor of Soil Fertility.

John Norton Pomeroy, A.M., LL.D., Professor of Law.

‡Louie Henrie Smith, Ph.D., Professor of Plant Breeding and Acting Head of the Department of Agronomy.

Chester Garfield Vernier, Ph.B., J.D., Professor of Law.

Bruce Willet Benedict, B.S., Director of Shop Laboratories in the Department of Mechanical Engineering.

Lotus Delta Coffman, Ph.D., Professor of Education.

William Edward Burge, Ph.D., Assistant Professor of Physiology and Acting Head of the Department of Physiology.

Ernest Ludlow Bogart, Ph.D., Professor of Economics.

William Green Hale, B.S., LL.B., Professor of Law and Secretary of the Faculty of the College of Law.

\* On leave.

† On leave, second semester, 1913-14.

‡ Acting Head from November 1, 1913.

Madison Bentley, B.S., Ph.D., Professor of Psychology and Director of the Psychological Laboratory.

Ray Thomas Stull, E.M. (Cer.), Ceramist and Acting Dean of the Courses in Ceramics.

Charles Frederick Hottes, Ph.D., Professor of Plant Physiology.

Harry Alexis Harding, Ph.D., Professor of Dairy Bacteriology and Head of the Department of Dairy Husbandry.

George Enfield Frazer, A.B., LL.B., Professor of Public Accounting and Comptroller.

Kendric Charles Babcock, B.Lit., Ph.D., Dean of the College of Liberal Arts and Sciences.

Charles Hughes Johnston, Ph.D., Professor of Secondary Education.

William Trelease, D.Sc., LL.D., Professor of Botany and Acting Head of the Department of Botany.

John Sterling Kingsley, D.Sc., Professor of Zoölogy.

Clarence Walworth Alvord, Ph.D., Professor of History.

Clarence William Balke, Ph.D., Professor of Inorganic Chemistry.

William Shirley Bayley, Ph.D., Professor of Geology.

Walter Costella Coffey, M.S., Professor of Sheep Husbandry.

Martha Jackson Kyle, A.M., Instructor in English and Acting Dean of Women.

Laurence Marcellus Larson, Ph.D., Professor of History.

Otto Eduard Lessing, Ph.D., Professor of German.

Ellery Burton Paine, M.S., E.E., Associate Professor of Electrical Engineering and Acting Head of the Department of Electrical Engineering.

Henry Lewis Rietz, Ph.D., Professor of Mathematical Statistics.

Charles Mulford Robinson, A.M., Professor of Civic Design.

Frank Smith, A.M., Professor of Systematic Zoölogy and Curator of the Museum of Natural History.

Joel Stebbins, Ph.D., Professor of Astronomy.

Edward Wight Washburn, Ph.D., Professor of Physical Chemistry.

Louis Allen Harding, M.E., Professor of Experimental Mechanical Engineering.

Loring Harvey Provine, B.S., A.E., Professor of Architectural Engineering and Acting Head of the Department of Architecture.

Frank Daniel Webster, Major 20th U. S. Infantry, Professor of Military Science and Tactics and Commandant.

\*Frank Lincoln Stevens, Ph.D., Professor of Plant Pathology.

#### ASSOCIATE PROFESSORS.

Edward Fulton, Ph.D., Associate Professor of Rhetoric.

†David Hobart Carnahan, Ph.D., Associate Professor of Romance Languages.

William Abbott Oldfather, Ph.D., Associate Professor of the Classics.

Charles Zeleny, Ph.D., Associate Professor of Zoölogy.

Albert Howe Lybyer, Ph.D., Associate Professor of History.

George Tobias Flom, Ph.D., Associate Professor of Scandinavian.

Alexander Dyer MacGillivray, Ph.D., Associate Professor of Systematic Entomology.

Arthur Stanley Pease, Ph.D., Associate Professor of the Classics and Curator of the Museum of Classical Art and Archaeology.

#### ASSISTANT PROFESSORS.

George Henry Meyer, A.M., Assistant Professor of German and Assistant Dean of the College of Liberal Arts and Sciences.

Edward Chauncey Baldwin, Ph.D., Assistant Professor of English.

Neil Conwell Brooks, Ph.D., Assistant Professor of German and Curator of the Museum of European Culture.

\* Beginning February 1, 1914.

† On leave.

Oscar Adolph Leutwiler, M.E., Assistant Professor of Machine Design.  
 Frances Simpson, M.L., B.L.S., Assistant Professor of Library Economy  
 and Assistant Director of the Library School.

Nathan Austin Weston, Ph.D., Assistant Professor of Economics and  
 Assistant Director of the Courses in Business Administration.

Charles Tobias Knipp, Ph.D., Assistant Professor of Physics.

Harry Gilbert Paul, Ph.D., Assistant Professor of the English Lan-  
 guage and Literature.

Thomas Edmund Savage, Ph.D., Assistant Professor of Stratigraphic  
 Geology.

Herbert Fisher Moore, B.S., M.M.E., Assistant Professor of Theoretical  
 and Applied Mechanics.

Fred Henry Rankin, Assistant Professor and Superintendent of Agri-  
 cultural Extension, Assistant to the Dean of the College of Agriculture.

Floyd Rowe Watson, Ph.D., Assistant Professor of Physics.

Edward Hardenbergh Waldo, A.B., M.S., M.E., Assistant Professor of  
 Electrical Engineering.

Justus Watson Folsom, D.Sc., Assistant Professor of Entomology.

William Frederick Schulz, E.E., Ph.D., Assistant Professor of Physics.

John Myron Bryant, B.S., E.E., Assistant Professor of Electrical Engi-  
 neering.

Lewis Flint Anderson, Ph. D., Assistant Professor of Education.

John Driscoll Fitz-Gerald II, Ph.D., Assistant Professor of Romance  
 Languages.

Jakob Kunz, Ph.D., Assistant Professor of Mathematical Physics.

William Spence Robertson, Ph.D., Assistant Professor of History.

\*Louis Dixon Hall, M.S., Assistant Professor of Animal Husbandry.

Charles Herschel Sisam, Ph.D., Assistant Professor of Mathematics.

John McBeath Snodgrass, B.S., Assistant Professor of Railway Mechan-  
 ical Engineering.

Simon Litman, Dr. Jur. Pub. et Rer. Cam., Assistant Professor of Economics.

David Ford McFarland, Ph.D., Assistant Professor of Applied Chemistry.

James Byrnie Shaw, D.Sc., Assistant Professor of Mathematics.

Arnold Emch, Ph.D., Assistant Professor of Mathematics.

Jean Baptiste Beck, Ph.D., Assistant Professor of Romance Languages.

Walter Fairleigh Dodd, Ph.D., Assistant Professor of Political Science.

Herman Bernard Dorner, M.S., Assistant Professor of Floriculture.

Melvin Lorenus Enger, B.S., C.E., Assistant Professor of Theoretical  
 and Applied Mechanics.

Nellie Esther Goldthwaite, Ph.D., Assistant Professor of Household  
 Science.

George Foss Schwartz, B.Mus., A.M., Assistant Professor of Music.

Alonzo Morris Buck, M.E., Assistant Professor of Railway Electrical  
 Engineering.

Aretas Wilbur Nolan, A.B., M.S., Assistant Professor of Agricultural  
 Extension.

Franklin William Scott, Ph.D., Assistant Professor of English and  
 Secretary of the Department of English.

Harrie Stuart Vedder Jones, Ph.D., Assistant Professor of English.

Otto Rahn, Ph.D., Assistant Professor of Bacteriology.

Bethel Stewart Pickett, M.S., Assistant Professor of Pomology.

John A. Detlefsen, D.Sc., Assistant Professor of Genetics.

Allen Boyer McDaniel, B.S., Assistant Professor of Civil Engineering.

Wilhelm Miller, Ph.D., Assistant Professor of Landscape Horticulture.

\*Leonard Bloomfield, Ph.D., Assistant Professor of Comparative Phil-  
 ology and German.

Frederic Duncalf, Ph.D., Assistant Professor of History.

\*David Simon Blondheim, Ph.D., Assistant Professor of Romance Lan-  
 guages.

Howard Vernon Canter, Ph.D., Assistant Professor of the Classics.

\* On leave.



Clarence George Derick, Ph.D., Assistant Professor of Chemistry.  
 James Lloyd Edmonds, B.S., Assistant Professor of Horse Husbandry.  
 Ora Stanley Fisher, B.S., Assistant Professor of Soil Fertility.

\*Nelson William Hepburn, M.S., Assistant Professor of Dairy Manufacturers.

Harry Willard Miller, M.E., Assistant Professor of General Engineering Drawing and Assistant Dean of the College of Engineering.

Martin John Prucha, Ph.D., Assistant Professor of Dairy Bacteriology.

Ralph Rodney Root, M.L.A., Assistant Professor of Landscape Gardening.

Henry Perly Rusk, M.S., Assistant Professor of Cattle Husbandry.

Constance Barlow-Smith, Assistant Professor of Sight Singing and Ear Training, in charge of Public School Music.

George McPhail Smith, Ph.D., Assistant Professor of Chemistry.

James Elmo Smith, C.E., Assistant Professor of Civil Engineering.

Henry Charles Paul Weber, Ph.D., Assistant Professor of Chemistry.

Arthur Cutts Willard, B.S., Assistant Professor of Heating and Ventilation.

Elmer Allen Holbrook, B.S., Assistant Professor of Mining Engineering.

Percy Ash, B.S., C.E., Assistant Professor of Architectural Design.

William Caldwell Titcomb, A.B., B.S., Assistant Professor of Architecture.

John Ira Parcel, A.B., B.S., Assistant Professor of Structural Engineering.

Wilbur M. Wilson, M.M.E., Assistant Professor of Structural Engineering.

#### ASSOCIATES.

Charles Richard Clark, B.S., Associate in Architectural Construction.

Thacher Howland Guild, A.M., Associate in English.

Arthur Romeyn Seymour, Ph.D., Associate in Spanish and Adviser to Foreign Students.

Arthur Robert Crathorne, Ph.D., Associate in Mathematics.

Charles Christopher Adams, Ph.D., Associate in Animal Ecology.

Robert Lacy Borger, Ph.D., Associate in Mathematics.

Ernest Barnes Lytle, Ph.D., Associate in Mathematics.

Jacob Zeitlin, Ph.D., Associate in English.

John Mabry Mathews, Ph.D., Associate in Political Science.

Ernest Winfield Bailey, M.S., Associate in Pomology.

Daniel Otis Barto, B.S., Associate in Poultry Husbandry.

Royden Earl Brand, M.S., Associate in Dairy Husbandry.

Solon Justus Buck, Ph.D., Associate in History.

Virgil R. Fleming, B.S., Associate in Theoretical and Applied Mechanics.

Axel Ferdinand Gustafson, M.S., Associate in Soil Physics.

Helena Maude Pincomb, B.S., Associate in Household Science.

Arthur Howard Sutherland, Ph.D., Associate in Psychology.

Paul Hansen, B.S., Associate in Sanitary Engineering and Engineer for the State Water Survey.

William Leonidas Burlison, M.S., Associate in Crop Production.

Harold Wilson Stewart, B.S., Associate in Soil Physics.

Arthur James Todd, Ph.D., Associate in Sociology.

Elmer Howard Williams, Ph.D., Associate in Physics.

Lurene Seymour, B.S., Ph.B., Associate in Household Science.

Gustaf Eric Wahlin, Ph.D., Associate in Mathematics.

Stephen Osgood Andros, A.B., B.S., E.M., Associate in Mining Engineering.

Frederick Charles Bauer, B.S., Associate in Soil Fertility.

Simeon James Bole, A.M., Associate in Pomology.

Sleeter Bull, M.S., Associate in Animal Nutrition.

Arthur Francis Comstock, B.S., C.E., Associate in Railway Civil Engineering.

William Truman Crandall, B.S., M.S., Associate in Milk Production.

---

\* On leave.

Nina Belle Crigler, B.S., Associate in Household Science.  
 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.  
 Walter Frederick Handschin, B.S., Associate in Animal Husbandry.  
 Leonard Vaughan James, M.S., E.E., Associate in Electrical Engineering.  
 Albert Woodward Jamison, M.S., Associate in Agricultural Extension.  
 Walter Edward Joseph, Ph.D., Associate in Animal Husbandry.  
 Charles Fabens Kelley, A.B., Associate in Art and Design.  
 LeRoy Lang, M.S., Associate in Dairy Manufactures.  
 \*Arno Herbert Nehrling, Associate in Floriculture.  
 Francis Marion Porter, M.S., Associate in General Engineering Drawing.  
 Robert Kent Steward, C.E., Associate in General Engineering Drawing.  
 Leslie Morton Turner, B.L., D.del'Université, Associate in Romance

#### Languages.

Oscar S. Watkins, B.S., Associate in Horticultural Chemistry.  
 Ruth Wheeler, Ph.D., Associate in Household Science.  
 Earl Archibald White, M.S., Associate in Farm Mechanics.  
 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.  
 Philip Sheridan Biegler, B.S., Associate in Electrical Engineering.

#### LECTURERS.

Edna Lyman Scott, Special Lecturer on Library Work for Children.  
 Alfred Knight Chittenden, M.F., Lecturer on Timber and Timber Resources and Assistant to the Director of the Engineering Experiment Station.  
 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.  
 Roger Frank Little, A.B., LL.B., Lecturer on Business Law.

#### INSTRUCTORS.

David Leonard Scroggin, Instructor in Machine Shop.  
 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 Lovering Gill, Instructor in Track Athletics.  
 Harry Frederick Godeke, B.S., Instructor in Mechanical Engineering.  
 George Wellington Pickels, Jr., B.C.E., C.E., Instructor in Civil Engineering.  
 Charles Marshall Poor, Ph.D., Instructor in German.  
 John Giffin Thompson, Ph.D., Instructor in Economics.  
 Frank Walker Reed, Ph.D., Instructor in Astronomy.  
 George Paul Boomsliiter, B.S., Instructor in Theoretical and Applied Mechanics.  
 Florence M. Kirkup, Instructor in Voice.  
 Clarence Eugene Noerenberg, B.S., A.E., Instructor in Theoretical and Applied Mechanics.  
 Fred B. Seely, B.S., Instructor in Theoretical and Applied Mechanics.

\* Resigned, January 31, 1914.

- Charles Allyn Williams, Ph.D., Instructor in German.  
 Herbert Le Sourd Creek, Ph.D., Instructor in English.  
 Newton Edward Ensign, A.B., B.S., Instructor in Theoretical and Applied Mechanics.  
 Harrison Frederick Gonnerman, B.S., Instructor in Theoretical and Applied Mechanics.  
 Robert Edwin Kennedy, Instructor in Foundry.  
 William Horace Rayner, B.S., Instructor in Civil Engineering.  
 George Denton Beal, Ph.D., Instructor in Chemistry.  
 Clarence Valentine Boyer, Ph.D., Instructor in English.  
 Harvey Herbert Jordan, B.S., Instructor in General Engineering Drawing.  
 Aubrey John Kempner, Ph.D., Instructor in Mathematics.  
 Duncan Arthur MacInnes, Ph.D., Instructor in Chemistry.  
 John Lyon Rich, Ph.D., Instructor in Geology.  
 Harold Ordway Rugg, C.E., Instructor in General Engineering Drawing.  
 Glen Alfred Shook, A.B., Instructor in Physics.  
 William Herschel Smith, M.S., Instructor in Animal Husbandry.  
 Ellis Bayley Stouffer, Ph.D., Instructor in Mathematics.  
 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.  
 Arthur Charles Cole, Ph.D., Instructor in History.  
 William Wells Denton, Ph.D., Instructor in Mathematics.  
 Herbert Seton Eames, B.S., Instructor in Mechanical Engineering.  
 John Joseph Gardner, B.S., Instructor in Pomology.  
 B. Smith Hopkins, Ph.D., Instructor in Chemistry.  
 Marvin Edward Jahr, A.B., Instructor in Farm Mechanics.  
 Robert Taylor Jones, B.S., Instructor in Architecture.  
 Joseph Mitchell Kellogg, M.Arch., Instructor in Architectural Design.  
 Allen Holmes Kimball, M.S., Instructor in Architectural Design.  
 \*Frank Carlton Loring, B.S., A.M., Instructor in Electrical Engineering.  
 Edson Wilfred Morphy, Instructor in Violin.  
 Horatio Newton Parker, Instructor in Milk Distribution.  
 Chester Otis Reed, B.S., Instructor in Farm Mechanics.  
 Lambert Thorp, Ph.D., Instructor in Chemistry.  
 Arthur Jerrold Tiede, Ph.D., Instructor in English.  
 Lowell Leslie Townsend, A.M., Instructor in Piano.  
 Edna Almeda Treat, B.Mus., Instructor in Piano.  
 Charles George MacArthur, A.M., Instructor in Physiological Chemistry.  
 Olin Harris Moore, Ph.D., Instructor in Romance Languages.  
 Ernest James Reece, Ph.B., Instructor in Library Economy.  
 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.  
 Frederick Kitson Cowley, Instructor in Architecture.  
 Samuel Chatwood Burton, A.M., Instructor in Architecture.  
 Horace Whittier Peaslee, B.Arch., Instructor in Landscape Design.  
 Heber Dignam Nasmyth, Instructor in Voice.  
 Clarissa Rinaker, Ph.D., Instructor in English.  
 Harley Jones VanCleave, Ph.D., Instructor in Zoölogy.  
 Stuart Jeffrey Bates, Ph.D., Instructor in Chemistry.  
 Henry John Broderson, Ph.D., Instructor in Chemistry.  
 Josephine Elizabeth Burns, Ph.D., Instructor in Mathematics.  
 Mervin James Curl, A.M., Instructor in English.  
 Easley Stephen Jones, A.M., Instructor in English.  
 Walter Byron McDougall, Ph.D., Instructor in Botany.  
 Gertrude Schoepperle, Ph.D., Instructor in English.  
 Queen Lois Shepherd, Ph.D., Instructor in Philosophy.  
 Leslie Denis Smith, Ph.D., Instructor in Chemistry.  
 Angelo Bendetto Marino Corrubia, B.S., M.S., Instructor in Architecture.

---

\* Resigned, December, 1913.

- James Hutchinson Forsythe, M.Arch., Instructor in Architecture.  
 Rufus Crane, A.B., B.S., Instructor in General Engineering Drawing.  
 Philip Stephan Barto, Ph.D., Instructor in German.  
 Verna Brooks, A.B., Instructor in Physical Training for Women.  
 Ira Thomson Carrithers, A.B., Instructor in Intramural Athletics.  
 Arthur Boquer Domonoske, M.S., Instructor in Machine Design.  
 Elmer Tryon Ebersson, 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.  
 George Elizabeth Fleming, B.S., Instructor in Textiles.  
 Lawrence Earl Foglesong, B.S., Instructor in Landscape Gardening.  
 \*Hugh Glasgow, Ph.D., Instructor in Entomology.  
 Stella Mary Hague, Ph.D., Instructor in Botany.  
 Florence Harrison, B.S., Instructor in Household Science, in charge of  
 Extension Work.  
 Robert William Hoffman, B.S., Instructor in Landscape Gardening.  
 Ray Stillman Hulce, M.S., Instructor in Milk Production.  
 Ralph Kent Hursh, B.S., Instructor in Ceramics.  
 John Clark Jordan, A.M., Instructor in English.  
 Maude Edna Parsons, A.B., Instructor in Household Science and Director  
 of the Lunch Room.  
 Joseph Culpepper Pendleton, Instructor in Foundry Work.  
 Henry Eugene Pengilly, Instructor in Fencing.  
 Virgil Augustus Place, B.S., Instructor in Animal Husbandry.  
 Barney S. Radcliffe, M.S., Instructor in Ceramics.  
 Gustav H. Raderbaugh, Instructor in Machine Work.  
 Harrison Augustus Ruehe, B.S., Instructor in Dairy Manufactures.  
 Charles Bovett Sayre, B.S., Instructor in Olericulture.  
 Hiram Thompson Scoville, A.B., Instructor in Accountancy.  
 Francis Marion Simpson, B.S., Instructor in Animal Husbandry.  
 Frank A. Cushing Smith, B.S., Instructor in Landscape Design.  
 Grace Esther Stevens, A.B., Instructor in Household Science.  
 Charles Manfred Thompson, Ph.D., Instructor in Economics.  
 George Frisble Whicher, A.M., Instructor in English.  
 Harry William Waterfall, B.S., Instructor in Machine Design.  
 Christian Alban Ruckmich, Ph.D., Instructor in Psychology.  
 Harold Eaton Babbitt, B.S., Instructor in Municipal and Sanitary Engi-  
 neering.  
 Harry Gardner, M.S., Instructor in Theoretical and Applied Mechanics.  
 Alexander Vallance, M.E., Instructor in Theoretical and Applied Me-  
 chanics.  
 Charles Earl Bradbury, B.P., Instructor in Art and Design.  
 Abner Richard Knight, M.E., Instructor in Electrical Engineering.  
 Roger Sherman Loomis, B.Lit., A.M., Tutor in English.  
 Charles Henry Hecker, Ph.D., Instructor in Chemistry.  
 Anna Viola Simon, Instructor in Voice.  
 Arthur Grenville Eldredge, Instructor in Photography and Director of  
 the Photographic Laboratories.  
 Gustave Adolph Gross, Instructor in Pattern Making.  
 Charles Leslie Stewart, A.M., Instructor in Economics.  
 \*Warren Hobart Pillsbury, B.L., J.D., Instructor in Law.  
 Lewis Emanuel Young, B.S., E.M., Instructor in Mining Engineering.  
 Robert Douglas Glasgow, Ph.D., Instructor in Entomology.  
 Robin Beach, B.S., Instructor in General Engineering Drawing.  
 Alexander Green, Ph.D., Instructor in German.  
 Guy G. Mills, B.S., Instructor in Civil Engineering.  
 \*Charles Ruby Moore, B.S., Instructor in Electrical Engineering.

---

\* Resigned, November 30, 1913.

† Beginning February 1, 1914.

## ASSISTANTS.

- James Merion Duncan, Assistant in Pattern Making.  
 Sada Annis Harbarger, A.M., Assistant in English.  
 Ruth Kelso, A.M., Assistant in English.  
 Marion Charlotte Landee, Assistant in English and Assistant in Physical Training for Women.  
 Elizabeth Parnham Brush, A.M., Assistant in History.  
 Bessie Rose Green, A.M., Assistant in Zoölogy.  
 Alta Gwinn, A.M., Assistant in English.  
 Orin Harold Smith, A.M., Assistant in Physics.  
 John Hamilton Whitten, A.M., Assistant in Botany.  
 Rosalie Mary Parr, A.M., Assistant in Botany.  
 Peter Joseph Rebman, Assistant in Forge Shop.  
 Lloyd Theodore Jones, A.M., Assistant in Physics.  
 Walter Albert Buchen, A.M., Assistant in English.  
 Oliver Arnold Keller, B.S., Assistant in Dairy Manufactures.  
 Wilford Stanton Miller, A.M., Assistant in Education and Secretary of the School of Education.  
 Oscar Alan Randolph, M.S., Assistant in Physics.  
 Sidney Archie Rowland, Jr., A.B., Assistant in Mathematics.  
 George Rutledge, A.M., Research Assistant in Mathematics.  
 George Wallace Sears, M.S., Assistant in Chemistry.  
 Felix Emil Held, A.M., Assistant in German.  
 Augusta Dillman Evans, A.B., Assistant in Agricultural Extension.  
 Orr Milton Allyn, B.S., Assistant in Crop Production.  
 William Harry Bair, B.S., Assistant in Physics.  
 Reed O'Shea Brigham, B.S., Assistant in Botany.  
 Wilbur Jerome Carmichael, B.S., Assistant in Animal Husbandry.  
 Frank Leslie Fleener, A.B., Assistant in Geology.  
 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.  
 Clarence Mark Hebbert, B.S., Assistant in Mathematics.  
 George William Heitkamp, A.B., Assistant in Geology.  
 Charles Kay Hewes, B.S., Assistant in Chemistry.  
 Ralph R. Jones, Assistant in Physical Training for Men.  
 Oliver Kamm, M.S., Assistant in Chemistry.  
 Walter Stephen Nelson, Assistant in General Engineering Drawing.  
 Clyde Ross Newell, Ph.B., M.S., Assistant in Bacteriology.  
 Frank Ashmore Pearson, B.S.A., Assistant in Dairy Husbandry.  
 Alvah Peterson, A.M., Assistant in Entomology.  
 John William Read, M.S., Assistant in Chemistry.  
 David Grosh Thompson, A.M., Assistant in Geology.  
 Earle Horace Warner, A.B., Assistant in Physics.  
 John Jonathan Yoke, Assistant in Animal Husbandry.  
 Bert Stover Davisson, A.B., Assistant in Chemistry.  
 Ernest Carroll Faust, A.B., Research Assistant in Zoölogy.  
 Emerson Grant Stutcliffe, A.B., Assistant in English.  
 \*Bronson Barlow, M.S., Research Assistant in Bacteriology.  
 Ernst Kessler, Assistant in Glass Blowing.  
 Thomas Gregory Goodwin, A.B., Assistant in English.  
 John Richard Wells, B.S., Assistant in Animal Husbandry.  
 Lew R. Sarett, A.B., Assistant in Public Speaking.  
 Bronislav Roman Honovski, Ph.D., Research Assistant in Chemistry.  
 Catherine Oaks, A.B., B.L.S., Reviser in the Library School.  
 †Harry Young Carson, B.S., Assistant in Architectural Engineering and Superintendent of Construction.  
 Conrad Joseph Eppels, Assistant in Romance Languages.

\* Resigned November 1, 1913.

† Appointment to December 1, 1913.

- John Raymond Shulters, A.M., Assistant in Romance Languages.  
 Denton Loring Geyer, A.M., Assistant in Philosophy.  
 Sebastian Karrar, A.M., Assistant in Physics.  
 Jonas Bernard Nathanson, A.M., Assistant in Physics.  
 Chester Harmon Allen, A.B., Assistant in Chemistry.  
 Jesse Melancthon Barnhart, M.S., Assistant in Chemistry in the Department of Dairy Husbandry.
- John David Bond, A.B., Research Assistant in Astronomy.  
 Benjamin Lester Bowling, Assistant in the Cement Laboratory.  
 Lawrence Vreeland Burton, B.S., Assistant in Bacteriology.  
 Charles Serophin Carry, B.S., Assistant in Romance Languages.  
 Joseph Harvey Checkley, B.S., Assistant in Agricultural Extension.  
 Arthur Samuel Colby, B.S., Assistant in Pomology.  
 Harvey Peach Corson, M.S., Assistant in Sanitary Chemistry and Chemist and Bacteriologist in the State Water Survey.
- Edgar Wallace Engle, B.S., Assistant in Chemistry.  
 Harrison Fred Theodore Fahrnkopf, B.S., Assistant in Soil Fertility.  
 Harry Charles Gilkerson, B.S., Assistant in Soil Fertility.  
 Alfred Laurence Hall-Quest, A.M., Assistant in Education.  
 Charles Leroy Harlan, A.B., Assistant in Education.  
 Arthur Floyd Heck, B.S., Assistant in Soil Fertility.  
 Harry Viri Heimburger, A.B., Assistant in Zoölogy.  
 Raymond W. Hess, A.B., Assistant in Chemistry.  
 Ernest Michael Rudolph Lamkey, A.B., Assistant in Botany.  
 Thomas Ernest Layng, A.M., Assistant in Chemistry.  
 John Marvin LeCato, A.B., Assistant in Botany.  
 Ralph Harlan Linkins, A.B., Assistant in Zoölogy.  
 Harrison McJohnston, A.B., Assistant in English.  
 William Pitt Miller, B.S., Assistant in Agricultural Extension.  
 Alma Jessie Neill, A.B., Assistant in Physiology.  
 Charles Ivan Newlin, B.S., Assistant in Animal Husbandry.  
 Alva LeRoy Prickett, A.B., Assistant in Economics.  
 Charles Chaffin Rand, B.S., Assistant in Ceramics.  
 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.  
 Gerritt John Van Zoeren, A.B., Assistant in Chemistry.  
 Harry Dwight Waggoner, A.B., Assistant in Botany.  
 Edward Harvey Walworth, B.S., Assistant in Crop Production.  
 Thor Griffith Wesenberg, A.M., Assistant in Romance Languages.  
 Ernest Atkins Wildman, B.S., Assistant in Chemistry.  
 William Wodin Yapp, B.S., Assistant in Dairy Husbandry.  
 Adolf Eduard Zucker, A.M., Assistant in German.  
 Harry Fletcher Lewis, M.S., Assistant in Chemistry.
- Frederick Calkins Torrance, M.E., Assistant in Mechanical Engineering Laboratory.
- Lawrence Fleming Foster, A.B., Assistant in Chemistry.  
 Warren Rippey Schoonover, B.S., Assistant in Soil Fertility.  
 Henry Charles Zeis, A.B., Assistant in Mathematics.  
 Anna Sue Hughitt, Assistant in Physical Training for Women.  
 Dorothy Ruth Shoemaker, A.B., Assistant in Physical Training for Women.
- Thomas Franklin Vance, Ph.D., Assistant in Psychology.  
 Alfred Chester Hanford, A.M., Assistant in Political Science.  
 George Washington Spindler, A.M., Assistant in German.  
 Louis Allen, A.B., Assistant in Romance Languages.  
 Franz August Aust, M.S., Assistant in Landscape Design.  
 Raymond Ephraim Dixon, A.M., Assistant in English.  
 Arthur Edwards Williams, B.S., Assistant in Ceramics.

Earle Robinson Math, B.S., Assistant in Architectural Construction.  
 Charles Christian Rees, A.B., Assistant in Pathology in Horticulture.  
 Harry Montgomery Weeter, A.B., Assistant in Dairy Husbandry.  
 Paul Anders, Assistant in Glass Blowing.  
 Russell McCulloch Storey, A.M., Assistant in Political Science.

#### GRADUATE ASSISTANTS.

Robert Earl Baker, A.B., Graduate Assistant in Chemistry.  
 Theodore Rally Ball, B.S., Graduate Assistant in Chemistry.  
 Herbert Melville Carter, B.S., Graduate Assistant in Chemistry.  
 Ernest Charlton, A.B., Graduate Assistant in Chemistry.  
 Homer Eldon Chenoweth, A.B., Graduate Assistant in Zoölogy.  
 Karl Adolph Clark, A.M., Graduate Assistant in Chemistry.  
 Margaret Vara Cobb, A.M., Graduate Assistant in Zoölogy.  
 Juanita Elizabeth Darrah, A.B., Graduate Assistant in Chemistry.  
 Duane Taylor Englis, A.B., Graduate Assistant in Chemistry.  
 Ross Earlby Gilmore, A.B., Graduate Assistant in Chemistry.  
 Gertrude Amella Johnson, M.S., Graduate Assistant in Zoölogy.  
 Harry Cleveland Kremmers, A.B., Assistant in Chemistry.  
 William Asbury Manuel, A.B., Graduate Assistant in Chemistry.  
 Stewart Dent Marquis, A.B., Graduate Assistant in Chemistry.  
 Henry Gustav May, B.S., Graduate Assistant in Zoölogy.  
 Samuel Hawthorne Scherfee, A.B., Graduate Assistant in Botany.  
 Clarence Scholl, B.S., Graduate Assistant in Chemistry.  
 Horace Wesley Stunkard, B.S., Graduate Assistant in Zoölogy.  
 Everett Harvey Taylor, A.B., Graduate Assistant in Chemistry.  
 Ralph Waldo Tippet, A.B., Graduate Assistant in Chemistry.  
 Howard DeWitt Valentine, B.S., Graduate Assistant in Chemistry.  
 Henry Joseph Weiland, B.S., Graduate Assistant in Chemistry.  
 Grace Adaline Wells, B. S., Graduate Assistant in Zoölogy.  
 Edward Wichers, A.B., Graduate Assistant in Chemistry.

#### STUDENT ASSISTANTS.

William Calvin Adams, Student Assistant in Chemistry.  
 Silas Alonzo Braley, Student Assistant in Chemistry.  
 Joseph Cohen, Student Assistant in Chemistry.  
 Alexander Cohn, Student Assistant in Chemistry.  
 Henry Charles Eckstein, Student Assistant in Chemistry.  
 Agnes Hitt, Student Assistant in Physical Training for Women.  
 John Moller Janson, Student Assistant in Chemistry.  
 Ralph Augustus Nelson, Student Assistant in Chemistry.  
 Anton Prasil, Student Assistant in Chemistry.  
 Paul Cobb Rich, Student Assistant in Chemistry.  
 George Benjamin Ruby, Student Assistant in Chemistry.  
 Carl William John Sievert, Student Assistant in Chemistry.  
 Glen Seymour Skinner, Student Assistant in Chemistry.  
 John Donald Snook, Student Assistant in Chemistry.  
 Walter Addison Straw, Student Assistant in Chemistry.

#### ASSISTANTS IN MILITARY SCIENCE.

Edwards Hall Berry, Assistant in Military Science.  
 Herbert Edward Howes, Assistant in Military Science.  
 Harold Paul Ousley, Assistant in Military Science.  
 Edwin Chester Prouty, Assistant in Military Science.  
 Clifford Harper Westcott, Assistant in Military Science.  
 Frederick John Giehler, Assistant in Military Science.  
 Paul Cobb Rich, Assistant in Military Science.  
 Charles R. Velzy, Assistant in Military Science.

**THE COLLEGE OF MEDICINE.**

(Congress and Honore Streets, Chicago.)

Edmund Janes James, Ph.D., LL.D., President of the University.

William Edward Quine, M.D., LL.D., Professor of Medicine, Emeritus, and Senior Dean.

George Peter Dreyer, A.B., Ph.D., Professor of Physiology and Physiological Chemistry, Head of the Department of Physiology and Physiological Chemistry, and Junior Dean.

Henry Parker Newman, A.M., M.D., Professor of Gynecology and Clinical Gynecology, Emeritus.

John Erasmus Harper, A.M., M.D., Professor of Ophthalmology and Clinical Ophthalmology, Emeritus.

Daniel Atkinson King Steele, M.D., LL.D., Professor of Surgery and Clinical Surgery and Head of the Department of Surgery.

Oscar Augustus King, M.D., Professor of Psychiatry and Clinical Neurology and Head of the Department of Psychiatry.

Henry Turman Byford, A.M., M.D., Professor of Gynecology and Clinical Gynecology and Head of the Department of Gynecology.

William Allen Pusey, A.M., M.D., Professor of Dermatology and Head of the Department of Dermatology.

Thomas Archibald Davis, M.D., Professor of Clinical Surgery.

Frank Breckenridge Earle, M.D., Professor of Pediatrics.

Adolph Gehrmann, M.D., Professor of Hygiene and Bacteriology.

William McIntyre Harsha, A.B., M.D., Professor of Surgery and Clinical Surgery.

Maurice Louis Goodkind, M.D., Professor of Medicine and Clinical Medicine.

Charles Spencer Williamson, B.S., M.D., Professor of Medicine and Clinical Medicine and Head of the Department of Medicine.

Bernard Fantus, M.D., Professor of Pharmacology.

John Lincoln Porter, M.D., Professor of Orthopedic Surgery.

Albert John Ochsner, B.S., M.D., Professor of Surgery and Clinical Surgery.

William Lincoln Ballenger, M.D., Professor of Laryngology, Rhinology, and Otolaryngology, and Head of the Department of Laryngology, Rhinology, and Otolaryngology.

Frederick Tice, M.D., Professor of Diseases of the Chest and Clinical Medicine.

Joseph McIntyre Patton, M.D., Professor of Clinical Medicine.

Daniel Nathan Eisendrath, A.B., M.D., Professor of Surgery and Clinical Surgery.

Charles Davison, M.D., Professor of Surgery and Clinical Surgery.

Charles Sumner Bacon, Ph.B., M.D., Professor of Obstetrics and Clinical Obstetrics and Head of the Department of Obstetrics.

Lee Harrison Mettler, A.M., M.D., Professor of Neurology and Clinical Neurology and Head of the Department of Neurology.

Casey A. Wood, A.M., M.D., Professor of Ophthalmology and Head of the Department of Ophthalmology.

Channing Whitney Barrett, M.D., Professor of Gynecology and Clinical Gynecology.

Norval Pierce, M.D., Professor of Otolaryngology and Clinical Otolaryngology.

Albert E. Halsted, M.D., Professor of Surgery and Clinical Surgery.

Albert Chauncey Eycleshymer, B.S., Ph.D., M.D., Professor of Anatomy and Head of the Department of Anatomy.

David John Davis, M.D., Acting Professor of Pathology, Acting Head of the Department of Pathology and Director of the Research Laboratory for Experimental Medicine.



## ASSOCIATE PROFESSORS.

Rachellé S. Yarros, M.D., Associate Professor of Obstetrics and Clinical Obstetrics.

William Elliott Gamble, B.S., M.D., Associate Professor of Clinical Ophthalmology.

Charles Edward Humiston, M.D., Associate Professor of Surgery and Clinical Surgery.

Nelson Mortimer Percy, M.D., Associate Professor of Clinical Surgery.

Edward Milton Brown, M.D., Associate Professor of Clinical Surgery.

William Fuller, M.D., Associate Professor of Operative Surgery.

Charles Mayer Jacobs, M.D., Associate Professor of Clinical Orthopedic Surgery.

Julius H. Hess, M.D., Associate Professor of Clinical Pediatrics.

Joseph C. Beck, M.D., Associate Professor of Laryngology, Rhinology, and Otolary.

## ASSISTANT PROFESSORS.

Haim, I. Davis, M.D., Assistant Professor of Clinical Psychiatry.

Mary Gilruth McEwen, M.S., M.D., Assistant Professor of Clinical Gynecology.

John Michael Lang, M.D., Assistant Professor of Clinical Gynecology.

Edward Louis Heintz, Ph.G., M.D., Assistant Professor of Medicine and Clinical Medicine.

John Weatherston, C.E., M.D., Assistant Professor of Medicine, Head of the Instructors in Senior Medicine, and Recording Secretary of the Faculty.

Stella May Gardner, M.D., Assistant Professor of Microscopical and Chemical Diagnosis.

Frederick George Dyas, M.D., 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., Assistant Professor of Surgery and Clinical Surgery.

Frederick Gillette Harris, M.D., Assistant Professor of Dermatology and Venereal Diseases.

Ulysses Grant Darling, M.D., Assistant Professor of Psychiatry and Clinical Neurology.

Cecil V. Bachelie, M.S., M.D., Assistant Professor of Obstetrics.

Otto Herman Rohrlack, Ph.G., M.D., Assistant Professor of Obstetrics and Clinical Obstetrics.

Richard Hunt Brown, M.D., Assistant Professor of Clinical Laryngology, Rhinology, and Otolary.

John Brown Loring, M.D., Assistant Professor of Clinical Ophthalmology.

Ephraim Kirkpatrick Findlay, M.D., Assistant Professor of Clinical Ophthalmology.

William Henry Welker, A.C., Ph.D., Assistant Professor of Physiological Chemistry.

Emanuel Oliver Benson, A.B., M.D., Assistant Professor of Pediatrics and Clinical Pediatrics.

Maurice Lewison, M.D., Assistant Professor of Physical Diagnosis.

Mary C. Lincoln, M.D., Assistant Professor of Microscopical and Chemical Diagnosis.

William H. Burmeister, M.D., Assistant Professor of Pathology.

## LECTURERS.

Elmer DeWitt Brothers, M.S., LL.B., Lecturer on Medical Jurisprudence.

Matthew Mills, LL.B., Alternate Lecturer on Medical Jurisprudence.

Bernard John Cigrand, M.S., D.D.S., Lecturer on the History of Medicine.

## INSTRUCTORS.

- Robert William Morris, A.B., M.D., Instructor in Senior Medicine.  
 William David McDowell, B.S., M.D., Instructor in Senior Medicine.  
 Ralph Randall Holmes, A.M., M.D., Instructor in Senior Medicine.  
 Waldemar Eberhardt, B.S., M.D., Instructor in Senior Medicine.  
 Edward F. Fox, M.D., Instructor in Senior Medicine.  
 Solomon Strouse, A.B., M.D., Instructor in Clinical Medicine.  
 Wilbur Maynard French, M.D., Instructor in Clinical Pediatrics.  
 Lois Lindsay Wynekoop, M.D., Instructor in Clinical Pediatrics.  
 William A. Ribbeck, M.D., Instructor in Pediatrics and Clinical Pediatrics.  
 John A. Christian, M.D., Instructor in Pediatrics.  
 Edward Kent Armstrong, M.D., Instructor in Clinical Pediatrics.  
 Alexander B. Raff, M.D., Instructor in Diseases of the Chest.  
 Walter Bradford Metcalf, M.D., Instructor in Diseases of the Chest.  
 Clarence T. Roome, M.D., Instructor in Diseases of the Chest.  
 Arrie Bamberger, M.D., Instructor in Minor Surgery.  
 John Milton Berger, M.D., Head Instructor in Senior Surgery and Assistant in Clinical Surgery.  
 George Luther Davenport, M.D., Instructor in Senior Surgery and Minor Surgery.  
 Raymond William McNeally, M.D., Instructor in Senior Surgery.  
 Henry Lester Baker, M.D., Instructor in Senior Surgery and Assistant in Clinical Surgery.  
 Howard Oscar Shafer, M.D., Instructor in Senior Surgery.  
 Charles Herbert Phifer, M.D., Instructor in Senior Surgery.  
 French S. Cary, M.D., Instructor in Senior Surgery.  
 Irving S. Koll, M.D., Instructor in Senior Surgery.  
 Charles M. McKenna, M.D., Instructor in Senior Surgery.  
 Meyer Solomon, M.D., Instructor in Psychiatry and Clinical Psychiatry and Instructor in Neurology.  
 John Ralph Ballenger, M.D., Instructor in Psychiatry and Clinical Psychiatry.  
 Alexander Sandor Hershfield, M.D., Instructor in Neurology.  
 Benjamin Braude, M.D., Instructor in Neurology.  
 Isador Bernard Diamond, M.D., Instructor in Neurology.  
 Edward F. Leonard, M.D., Instructor in Neurology.  
 Richard Charles Steffan, 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.  
 Mary Jeanette Kearsley, M.D., Instructor in Gynecology.  
 Irving Herbert Eddy, M.D., Instructor in Gynecology.  
 George Henry Van Dyke, 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.  
 Egan Walter Fischman, M.D., Instructor in Gynecology.  
 George J. Lorch, Ph.G., M.D., Instructor in Junior Medicine.  
 Edward A. Corcoran, M.D., Instructor in Junior Medicine.  
 Charles H. Schmidt, M.D., Instructor in Junior Medicine.  
 Henry Eugene Irish, M.D., Instructor in Junior Medicine.  
 Harry Jerome Smejkal, M.D., Instructor in Junior Medicine.  
 Frank J. Wright, M.D., Instructor in Clinical Medicine.  
 Frank Chauvet, M.D., Instructor in Physical Diagnosis.  
 Louis Rudolph, M.D., Instructor in Physical Diagnosis.  
 John Ross Harger, B.S., M.D., Instructor in Junior Surgery and Minor Surgery.  
 David Alexander, M.D., Instructor in Orthopedic Surgery.

Bert Leslie Taylor Woods, M.D., Instructor in Operative Surgery and Assistant in Clinical Surgery.

William Chester Smith, M.D., Instructor in Operative Surgery.

Arthur Barnett Eustace, M.D., Instructor in Operative Surgery.

Archie James Graham, M.D., Instructor in Operative Surgery.

Adolph Hartung, M.D., Instructor in Radiology.

Arthur William Stillians, M.D., Instructor in Dermatology.

Philip Frank Shaffner, M.D., Instructor in Dermatology.

Lillian Ethel Taylor, M.D., Instructor in Laryngology, Rhinology, and Otolaryngology.

Charles Clayton Clement, M.D., Instructor in Ophthalmology.

Frederic Vreeland, M.D., Instructor in Ophthalmology.

Richard Root Rupert, M.D., Instructor in Anatomy.

John Eddy Haskell, A.B., M.D., Instructor in Pharmacology.

Margaret May Jones, M.D., Instructor in Clinical Laryngology, Attending Physician to the Dispensary.

Jacob Carl Krafft, M.D., Instructor in Clinical Pediatrics, Attending Physician to the Dispensary.

Ernest Sisson Moore, M.D., Instructor in Clinical Medicine, Attending Physician to the Dispensary.

Robert Mosser, M.D., Instructor in Clinical Medicine, Attending Physician to the Dispensary.

Georgiana Theobald, M.D., Instructor in Clinical Ophthalmology, Attending Physician to the Dispensary.

Lawrence W. Whitmer, M.D., Instructor in Clinical Ophthalmology, Attending Physician to the Dispensary.

Franklin S. Wilson, M.D., Instructor in Clinical Medicine, Attending Physician to the Dispensary.

#### ASSISTANTS.

Frederick Hamilton Blayney, A.M., M.D., Assistant in Clinical Surgery.  
George Washington Post, Jr., B.S., A.M., M.D., Assistant in Clinical Surgery.

Robert Emmett Flannery, M.D., Assistant in Clinical Surgery.

Charles C. Clark, M.D., Assistant in Clinical Surgery.

Elmer W. Schnoor, M.D., Assistant in Clinical Surgery.

Max Meyerovitz, M.D., Assistant in Clinical Surgery.

Alexander Donald Ferguson, M.D., Assistant in Clinical Surgery.

Walter Charles Hammond, M.D., Assistant in Obstetrics.

Harrison Willis Maltby, M.D., Assistant in Orthopedic Surgery.

William Arthur Clark, A.M., M.D., Assistant in Orthopedic Surgery.

Edgar Grim Miller, Jr., Ph.D., Assistant in Physiological Chemistry.

Oscar Gustav Fischer, M.D., Assistant in Bacteriology.

Metta May Loomis, Librarian.

Thomas S. Jones, Artist in the Department of Anatomy.

#### STUDENT ASSISTANTS.

Clay Adler, Ph.C., Student Assistant in Chemistry.

Conrad George Appelle, Student Assistant in Chemistry.

Max Brachvogel, Student Assistant in Physiology.

Charles Calvin Conley, Student Assistant in Chemistry.

James Tobias Groot, Student Assistant in Chemistry.

Eric Gosta Hakenson, Student Technician in the Infirmary and Dissecting Room.

Benjamin Vaughn McClanahan, Student Assistant in Physiology.

Emil George Nadeau, Student Assistant in Physiology.

Arthur John Ochs, Student Assistant in Bacteriology.

Francis Allen Richardson, A.B., B.S., M.D., Student Assistant in Chemistry.

Clara Roushausen, Student Assistant in Bacteriology.  
 Joseph Seilen, Student Assistant in Physiology.  
 J. Craig Small, A.B., Student Assistant in Physiological Chemistry.  
 Leo Tarkowski, Student Assistant in the Library of the College of Medicine.

## **THE COLLEGE OF DENTISTRY.**

(Harrison and Honore Streets, Chicago.)

Edmund Janes James, Ph.D., LL.D., President of the University.  
 Frederick Brown Moorehead, A.B., D.D.S., M.D., Professor of Oral Surgery and Pathology and Dean of the College of Dentistry.  
 Donald Mackay Gallie, D.D.S., Professor of Operative Dentistry and Operative Technics.  
 George Walter Dittmar, D.D.S., Professor of Prosthetic Dentistry and Prosthetic Technics, and Superintendent of the Infirmary.  
 Frederick Bogue Noyes, B.S., D.D.S., Professor of Orthodontia and Dental Histology.  
 Edgar David Coolidge, D.D.S., Professor of Materia Medica and Therapeutics.  
 Albert Chauncey Eycleshymer, B.S., M.D., Ph.D., Professor of Anatomy.  
 George Peter Dreyer, A.B., Ph.D., Professor of Physiology.  
 Louis Schultz, D.D.S., M.D., Assistant Professor of Oral Surgery and Pathology.  
 Louis E. Bake, D.D.S., Assistant Professor of Operative Technics and Porcelain Art.  
 Solomon Perry Starr, D.D.S., Assistant Professor of Prosthetic Technics.  
 Elmer DeWitt Brothers, LL.B., Lecturer on Dental Jurisprudence.  
 Henry Cooley Lee, Ph.G., D.D.S., Instructor in Operative Dentistry and Materia Medica.  
 Frank Joseph Bernard, D.D.S., Instructor in Prosthetic Dentistry.  
 Arthur H. Hixson, B.S., Instructor in Bacteriology.  
 John C. McGuire, D.D.S., Instructor in Operative and Prosthetic Dentistry.  
 Warren C. Hawthorne, B.S., Instructor in Metallurgy.  
 Vergil H. Moon, M.S., D.D.S., M.D., Instructor in Histology.  
 Edgar Grim Miller, M.D., Assistant in Chemistry.  
 Edwin Paul Swatek, D.D.S., Assistant in Oral Surgery.

## **THE SCHOOL OF PHARMACY.**

(Michigan Boulevard and Twelfth Street, Chicago.)

Edmund Janes James, Ph.D., LL.D., President of the University.  
 William Baker Day, Ph.G., Professor of Materia Medica and Botany, Acting Dean, and Secretary.  
 Albert Henry Clark, Ph.G., Assistant Professor of Chemistry.  
 Clyde Mason Snow, Ph.G., Assistant Professor of Pharmacy.  
 Bernard Fantus, M.D., Lecturer on Physiology.  
 Edmund Norris Gathercoal, Ph.G., Instructor in Pharmacognosy.  
 Henry William Colson, Ph.C., Instructor in Chemistry.  
 Ben Lee Eicher, Ph.C., Instructor in Pharmacy.

## **THE UNIVERSITY LIBRARY.**

### **STAFF.**

Phineas Lawrence Windsor, Ph.B., Librarian and Directory of the Library School.  
 Francis Keese Wynkoop Drury, A.M., B.L.S., Assistant Librarian.  
 Sabra Elizabeth Stevens, A.B., General Assistant.

Marguerite Mitchell, A.B., General Assistant.

Eleanor G. Karsten, Ph.B., Secretary.

*Order Department—*

Jacob Hodnefield, A.M., 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.

*Loan Department—*

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

Frances Margaret Feind, A.B., B.L.S., Loan Assistant.

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

Viola Fraser, A.B., Loan Assistant.

Ina May Brown, Loan Assistant.

Thomas Parker Ayer, A.B., Shelf Assistant.

Glenn Christy, Shelf Assistant.

John George Eppinger, Shelf Assistant.

John Breedis, Shelf Assistant.

Everett Orren Fontaine, Shelf Assistant.

*Binding Department—*

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

*Catalog Department—*

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

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

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

Antoinette Helen Goetz, A.B., Catalog Assistant.

Edith Emigh, Catalog Assistant.

Lilla M. Alexander, Catalog Assistant.

Fannie Dunlap, Ph.B., Catalog Assistant.

Bertha Lee Sharp, Catalog Assistant.

Elizabeth Henrietta Cass, A.B., B.L.S., Catalog Assistant.

Nelle Uree Branch, A.B., Catalog Assistant.

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

Hazel Yearsley Shaw, A.M., Catalog Assistant.

Mary Zeliaette Troy, A.B., Catalog Assistant.

*Reference Department—*

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

Emma Felsenihal, 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 the Classics.

\*John Boynton Kaiser, A.B., B.L.S., 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.

Jennie Adah Craig, A.B., B.L.S., Assistant in English.

Margaret Herdman, A.B., 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 Natural History.

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

## THE AGRICULTURAL EXPERIMENT STATION.

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

### STAFF.

Eugene Davenport, M.Agr., LL.D., Director.

†Cyril George Hopkins, Ph.D., Vice-Director.

\* Resigned, February 1, 1914.

† On leave.

Stephen Alfred Forbes, Ph.D., Consulting Entomologist.  
 Donald McIntosh, V.S., Consulting Veterinarian.  
 Henry Lewis Rietz, Ph.D., Statistician.  
 Burt Eardley Powell, Ph.D., Editor, Agricultural Press Bulletins.  
 Anna Cushman Glover, Assistant Secretary.

*In Agronomy—*

\*Cyril George Hopkins, Ph.D., Chief, Agronomy and Chemistry.  
 Jeremiah George Mosier, B.S., Chief, Soil Physics.  
 Louie Henrie Smith, Ph.D., Chief, Plant Breeding.  
 James Harvey Pettit, Ph.D., Chief, Soil Fertility.  
 Leonard Hegnauer, B.S., Chief, Crop Production.  
 Ora Stanley Fisher, B.S., Assistant Chief, Soil Fertility.  
 \*William George Eckhardt, B.S., Associate, Soil Fertility.  
 Axel Ferdinand Gustafson, M.S., Associate, Soil Physics.  
 Ernest Van Alstine, B.S., Associate, Chemistry.  
 Joseph Paul Aumer, B.S., Associate, Chemistry.  
 Clarence Chester Logan, B.S., Associate, Soils Extension.  
 Jay Boardman Park, M.S., Associate, Plant Breeding.  
 Sidney Viel Holt, B.S., Associate, Soil Physics.  
 Harold Wilson Stewart, B.S., Associate, Soil Physics.  
 Henry Clyde Wheeler, B.S., Associate, Soil Physics.  
 John Ezra Whitechurch, B.S., Associate, Soil Fertility.  
 Ezekiel Edward Hoskins, B.S., Associate, Soil Fertility.  
 William Leonidos Burlison, M.S., Associate, Crop Production.  
 Ward Hanson Sachs, B.S., Associate, Chemistry.  
 Walter Byron Gernert, Ph.D., Associate, Plant Breeding.  
 Albert Lemuel Whiting, Ph.D., Associate, Soil Biology.  
 Frederick Charles Bauer, B.S., Associate, Soil Fertility.  
 Frederick Martin William Wascher, B.S., First Assistant, Soil Physics.  
 Forrest Addison Fisher, B.S., First Assistant, Soil Physics.  
 Frank William Garrett, B.S., First Assistant, Soil Fertility.  
 Wilbur Roy Leighty, B.S., First Assistant, Chemistry.  
 Gertrude Neiderman, B.S., Assistant, Chemistry.  
 Orr Milton Allyn, B.S., Assistant, Crop Production.  
 Robert William Dickenson, B.S., Assistant, Soil Physics.  
 Leo Ross Binding, B.S., Assistant, Chemistry.  
 Harrison Fred Theodore Fahrnkopf, B.S., Assistant, Soil Fertility.  
 George Edward Gentle, B.S., Assistant, Soil Physics.  
 Harry Charles Gilkerson, B.S., Assistant, Soil Fertility.  
 Edward Harvey Walworth, B.S., Assistant, Crop Production.  
 Arthur Floyd Heck, B.S., Assistant, Soil Fertility.  
 Howard John Snider, B.S., Assistant, Soil Fertility.  
 Arthur Maxwell Brunson, B.S., Assistant, Chemistry.  
 Warren Rippey Schoonover, B.S., Assistant, Soil Biology.  
 Clinton B. Clevenger, B.S., Assistant, Chemistry.  
 Orland I. Ellis, B.S., Assistant, Soil Physics.

*In Animal Husbandry—*

Herbert Windsor Mumford, B.S., Chief.  
 Harry Sands Grindley, D.Sc., Chief, Animal Nutrition.  
 Walter Castella Coffey, M.S., Chief, Sheep Husbandry.  
 \*Louis Dixon Hall, M.S., Assistant Chief, Animal Husbandry.  
 John A. Detlefsen, D.Sc., Assistant Chief, Genetics.  
 Henry Perly Rusk, M.S.A., Assistant Chief, Beef Cattle.  
 James Lloyd Edmonds, B.S., Assistant Chief, Horse Husbandry.  
 Arthur Donaldson Emmett, A.M., Assistant Chief, Animal Nutrition.  
 Harold Hanson Mitchell, B.S., Associate, Chemistry.  
 Walter Edward Joseph, Ph.D., Associate, Animal Husbandry.  
 Sleeter Bull, M.S., Associate, Animal Nutrition.  
 Walter Frederick Handschin, B.S., Associate, Animal Husbandry.  
 William Herschel Smith, M.S., First Assistant, Animal Husbandry.  
 Virgil Augustus Place, B.S., First Assistant, Animal Husbandry.

\* On leave.

Francis Marion Simpson, B.S., First Assistant, Animal Husbandry.  
 John Jonathan Yoke, Assistant, Animal Husbandry.  
 Wilbur Jerome Carmichael, B.S., Assistant, Animal Husbandry.  
 John Richard Wells, B.S., Assistant, Animal Husbandry.  
 Charles Ivan Newlin, B.S., Assistant, Animal Husbandry.  
 Elmer Roberts, B.S., Assistant, Genetics.  
 Leonora Perry, Editorial Assistant.

*In Dairy Husbandry—*

Harry Alexis Harding, Ph.D., Chief.  
 Wilbur John Fraser, M.S., Chief, Dairy Farming.  
 \*Nelson William Hepburn, M.S., Assistant Chief, Dairy Manufactures.  
 Martin John Prucha, Ph.D., Assistant Chief, Dairy Bacteriology.  
 Royden Earl Brand, M.S., Associate, Dairy Husbandry.  
 Harry Montgomery Weeters, Assistant, Dairy Husbandry.  
 Horatio Newton Parker, First Assistant, Milk Distribution.  
 Jesse Melangthon Barnhart, M.S., First Assistant, Chemistry.  
 LeRoy Lang, M.S., Associate, Dairy Manufactures.  
 William Truman Crandall, M.S., Associate, Milk Production.  
 Ray Stillman Hulce, B.S.A., First Assistant, Milk Production.  
 Oliver Arnold Keller, B.S., Assistant, Dairy Manufactures.  
 Harrison August Ruehe, B.S., First Assistant, Dairy Manufactures.  
 Frank Ashmore Pearson, B.S., Assistant, Dairy Husbandry.  
 Ernest McChesney Clark, B.S., Assistant, Dairy Husbandry.

*In Horticulture—*

Joseph Cullen Blair, M.S.A., Chief.  
 Charles Spencer Crandall, M.S., Chief, Plant Breeding.  
 John William Lloyd, M.S.A., Chief, Olericulture.  
 Herman Bernard Dorner, M.S., Assistant Chief, Floriculture.  
 Bethel Stewart Pickett, M.S., Assistant Chief, Pomology.  
 Oscar S. Watkins, B.S., Associate, Horticultural Chemistry.  
 Ernest Winfield Bailey, M.S., Associate, Plant Breeding.  
 †Arno Herbert Nehrling, Associate, Floriculture.  
 Warren Albert Ruth, A.M., Associate, Horticultural Chemistry.  
 Charles Elmer Durst, B.S., Associate, Olericulture.  
 Simeon James Bole, A.M., Associate, Pomology.  
 Thomas Bregger, B.S., First Assistant, Plant Breeding.  
 Alfred Joseph Gunderson, B.S., First Assistant, Pomology.  
 Fred Weaver Muncie, A.B., First Assistant, Floriculture.  
 Charles Bovett Sayre, B.S., First Assistant, Olericulture.  
 Charles Christian Rees, A.B., Assistant, Horticulture.  
 George Leo Peltier, A.M., Assistant, Floricultural Pathology.  
 John Joseph Gardner, B.S., Assistant, Pomology.  
 James Hutchinson, Assistant, Floriculture.  
 Julia Alberta Harper, A.B., Editorial Assistant.

## THE ENGINEERING EXPERIMENT STATION.

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

### STAFF.

\*William Freeman Myrick Goss, M.S., D.Eng., Director.  
 Charles Russ Richards, M.M.E., Acting Director.  
 Alfred Knight Chittenden, Ph.B., M.F., Assistant to the Director and  
 Lecturer on Timber and Timber Resources.

THE HEADS OF THE DEPARTMENTS OF THE COLLEGE OF ENGINEERING.

### SPECIAL INVESTIGATORS.

Herbert Fisher Moore, M.M.E., Assistant Professor in the Department  
 of Theoretical and Applied Mechanics.

\* On leave.

† Resigned February 1, 1914.

Duff Andrew Abrams, C.E., Associate in the Department of Theoretical and Applied Mechanics.

David Ford McFarland, A.M., M.S., Ph.D., First Assistant in the Department of Chemistry.

Willis Appleford Slater, M.S., C.E., First Assistant in the Department of Theoretical and Applied Mechanics.

Robert Browder Keller, B.S., First Assistant in the Department of Railway Engineering.

Trygve D. Yensen, M.S., E.E., Assistant in the Department of Electrical Engineering.

John Nicholas Vedder, A.M., Assistant in the Department of Mechanical Engineering.

Harold Houghton Dunn, M.S., Assistant in the Department of Railway Engineering.

Alonzo Plumsted Kratz, M.S., Assistant in the Department of Mechanical Engineering.

#### RESEARCH FELLOWS.

Harry Fielding Hadley, A.M., Chemistry.

Rudolph McDermet, B.S., Electrical Engineering.

George Alfred Maney, C.E., Theoretical and Applied Mechanics.

Howard Rice Thomas, C.E., Theoretical and Applied Mechanics.

Walter Jacob Wohlenberg, B.S., Mechanical Engineering.

Jefferson Hall Belt, B.S., Electrical Engineering.

Julian Montgomery, C.E., Theoretical and Applied Mechanics.

Merle Louis Nebel, B.S., Mining Engineering.

Robert Bedford Pogue, B.M.E., Railway Engineering.

### THE STATE LABORATORY OF NATURAL HISTORY.

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

#### STAFF.

Stephen Alfred Forbes, Ph.D., LL.D., Director.

Charles Arthur Hart, Systematic Entomologist.

Mary Jane Snyder, Secretary.

Robert Earl Richardson, A.M., Assistant in charge of Biological Station.

Charles Edwin Janvrin, Ph.B., B.L.S., Librarian.

### THE STATE ENTOMOLOGIST'S OFFICE.

#### STAFF.

Stephen Alfred Forbes, Ph.D., LL.D., State Entomologist.

Charles Arthur Hart, Systematic Entomologist.

Wesley Pillsbury Flint, Assistant for Central Illinois.

Lindley Malcolm Smith, B.S., Assistant for Southern Illinois.

David Kent MacMillan, B.S., Assistant for Northern Illinois.

Pressley Adams Glenn, A.M., Chief Horticultural Inspector.

Robert Douglas Glasgow, Ph.D., Special Assistant.

S. Fred Prince, Illustrator.

### THE STATE WATER SURVEY.

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

#### STAFF.

Edward Bartow, Ph.D., Director.

Samuel Wilson Parr, M.S., Consulting Chemist.



Arthur Newell Talbot, C.E., Consulting Engineer.  
 Otto Rahn, Ph.D., Consulting Bacteriologist.  
 Paul Hansen, B.S., Engineer.  
 Wilfred Francis Langelier, M.S., Inspector.  
 Harry Peach Corson, M.S., Chemist and Bacteriologist.  
 Ralph Hilscher, B.S., Assistant Engineer.  
 Milford Everett Hinds, B.S., Assistant Chemist.  
 Fred Wilbur Tanner, B.S., Assistant Bacteriologist.  
 Floyd William Mohlman, B.S., Assistant Chemist.  
 Harry Foster Ferguson, B.S., Assistant Engineer.  
 Henry Lawrence Huenink, M.S., Assistant Chemist.  
 Maurice Charles Sjoblom, B.S., Engineering Assistant.  
 John Francis Schnellbach, B.S., Engineering Assistant.  
 Charles Herbert Spaulding, B.S., Assistant Chemist.

## THE STATE GEOLOGICAL SURVEY.

### COMMISSION.

Governor Edward F. Dunne, Chairman.  
 Professor T. C. Chamberlin, Ph.D., D.Sc., LL.D., Vice-Chairman.  
 President Edmund Janes James, Ph.D., LL.D., Secretary.

### STAFF.

Frank Walbridge DeWolf, B.S., Director, Urbana.  
 Edward Bartow, Ph.D., Consulting Chemist in Water Analysis, University of Illinois, Urbana.  
 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 Bleining, B.S., Consulting Ceramist, U. S. Bureau of Standards, Pittsburgh, Pa.  
 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., Assistant Geologist, Northwestern University, Evanston.  
 Raymond Silliman Blatchley, B.S., Geologist, Urbana.  
 E. Wesley Shaw, B.S., Assistant Geologist in Cooperative Surveys, Urbana, Ill., and Washington, D. C.  
 Henry Hinds, M.S., Assistant Geologist in Cooperative Surveys, Urbana, Ill., and Washington, D. C.  
 Justa M. Lindgren, A.M., Chemist, Urbana.  
 William Henry Herron, B.S., Geographer in charge of Topographical Surveys, Urbana, Ill., and Washington, D. C.

## THE BOARD OF EXAMINERS IN ACCOUNTANCY.

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

### BOARD OF EXAMINERS.

W. E. Seatree, C.P.A., Chicago.  
 Marquis Eaton, A.B., Chicago.  
 Peter White, C.P.A., Chicago.

## UNIVERSITY COMMITTEE.

David Kinley, Ph.D., LL.D., Chairman.  
 Maurice Henry Robinson, Ph.D., Secretary.  
 Charles Maxwell McConn, A.M.

**COOPERATIVE INVESTIGATION OF ILLINOIS COAL PROBLEMS AND MINE RESCUE STATION.**

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

## STAFF.

*College of Engineering—*

\*William Freeman Myrick Goss, M.S., D.Eng., Dean.  
 Charles Russ Richards, M.M.E., Acting Dean.  
 Harry Harkness Stoek, B.S., E.M., Professor of Mining Engineering.  
 Stephen Osgood Andros, A.B., B.S., E.M., Associate in Mining Engineering.

**Special Mining Engineers and Field Samplers***State Geological Survey—*

Frank Walbridge DeWolf, B.S., Director, State Geological Survey.  
 Samuel W. Parr, M.S., Consulting Chemist.  
 Fred Hall Kay, B.S., Assistant State Geologist.

**Special Geologists and Field Samplers***United States Bureau of Mines—*

Joseph Austin Holmes, B.S., D.Sc., LL.D., Director, United States Bureau of Mines.

†Robert Young Williams, A.B., E.M., Mining Engineer, U. S. Bureau of Mines, Urbana, Ill.

‡John Thomas Ryan, B.S. (Min.), Assistant Mining Engineer, U. S. Bureau of Mines, Urbana, Ill.

John W. Koster, E.M., Assistant Mining Engineer, studying the use of Explosives.

Louis A. Scholl, B.S., Chemist, studying the explosibility of Coal Dust.  
 Rudolph Kudlich, Assistant Engineer, studying Gasoline Locomotives.

**MINERS' AND MECHANICS' INSTITUTES.**

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

## STAFF.

Robert Young Williams, A.B., E.M., Director.

*Advisory Committee—*

Charles Russ Richards, M.E., M.M.E., Professor of Mechanical Engineering, Head of the Department of Mechanical Engineering, and Acting Dean of the College of Engineering.

Harry Harkness Stoek, B.S., E.M., Professor of Mining Engineering.

\* On leave.

† Resigned December 31, 1913.

‡ Appointed, January 1, 1914

# SUMMARY OF STUDENTS—1912-13.

36

UNIVERSITY OF ILLINOIS.

College 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.
Literature and arts—																		
General literature and arts.....	24	68	92	37	66	103	31	75	106	119	121	240	4	14	18	215	344	559
Business.....	33	.....	33	40	2	42	45	.....	45	127	2	129	2	1	3	247	5	252
Household science.....	.....	5	5	.....	32	32	.....	22	22	.....	55	55	.....	1	1	.....	115	115
Totals.....	57	73	130	77	100	177	76	97	173	246	178	424	6	16	22	462	464	926
Science—																		
General science.....	38	7	45	22	9	31	15	7	22	50	7	57	2	1	3	127	31	158
Medical preparatory.....	3	.....	3	7	.....	7	12	.....	12	36	.....	36	.....	.....	.....	58	.....	58
Household science.....	.....	11	11	.....	9	9	.....	6	6	.....	18	18	.....	1	1	.....	45	45
Chemistry.....	8	.....	8	6	.....	6	5	.....	5	22	1	23	.....	.....	.....	41	1	42
Chemical engineering.....	13	.....	13	8	.....	8	19	.....	19	28	.....	28	1	.....	1	69	.....	69
Ceramics.....	5	.....	5	9	.....	9	9	.....	9	23	.....	23	.....	.....	.....	46	.....	46
Ceramic engineering.....	4	.....	4	3	.....	3	8	.....	8	15	.....	15	.....	.....	.....	30	.....	30
Totals.....	71	28	89	55	18	73	68	13	81	174	26	200	3	2	5	371	77	448
Totals, arts and science.....	128	91	219	132	118	250	144	110	254	420	204	624	9	18	27	833	541	1,374
Engineering—																		
Architecture.....	22	.....	22	43	.....	43	38	.....	38	97	1	98	3	.....	3	203	1	204
Architectural engineering.....	18	.....	18	17	.....	17	27	.....	27	67	.....	67	.....	.....	.....	129	.....	129
Civil engineering.....	53	.....	53	47	.....	47	56	.....	56	78	.....	78	3	.....	3	217	.....	217
Electrical engineering.....	22	.....	22	80	.....	80	53	.....	53	122	.....	122	3	.....	3	280	.....	280
Mechanical engineering.....	18	.....	18	54	.....	54	49	.....	49	138	.....	138	1	.....	1	260	.....	260
Mining engineering.....	3	.....	3	5	.....	5	6	.....	6	9	.....	9	.....	.....	.....	25	.....	25
Municipal and sanitary engineering.....	3	.....	3	9	.....	9	4	.....	4	7	.....	7	1	.....	1	24	.....	24
Railway civil engineering.....	2	.....	2	2	.....	2	2	.....	2	2	.....	2	.....	.....	.....	8	.....	8
Railway electrical engineering.....	1	.....	1	.....	.....	.....	2	.....	2	3	.....	3	.....	.....	.....	6	.....	6
Railway mechanical engineering.....	2	.....	2	2	.....	2	1	.....	1	1	.....	1	1	.....	1	7	.....	7
Totals.....	124	.....	124	259	.....	259	240	.....	240	524	1	525	12	.....	12	1,159	1	1,160
Agriculture—																		
General agriculture.....	93	1	94	115	1	116	140	.....	140	273	1	274	149	10	159	770	13	783
Household science.....	.....	9	9	.....	20	20	.....	20	20	.....	42	42	.....	5	5	.....	96	96
Totals.....	93	10	103	115	21	136	140	20	160	273	43	316	149	15	164	770	109	879

Music.....	2	3	5	.....	7	7	1	6	7	1	35	36	.....	33	33	4	84	88
Totals, undergraduates at Urbana.....	347	104	451	506	146	652	525	136	661	1,218	283	1,501	170	66	236	2,766	735	3,501
	Fourth year.			Third year			Second year.			First year.			Specials.					
Law.....				29	.....	29	27	.....	27	62	.....	62	8	.....	8	126	.....	126
Library.....								16	16	2	18	20				2	34	36
Totals, undergraduates and professional schools at Urbana.....																2,894	769	3,663
Graduate school.....																274	65	339
Summer session (1912), total registration.....																430	210	640
Deduct students returned.....																222	51	273
Net total.....																208	159	367
Totals at Urbana.....																3,376	993	4,369
Medicine.....	136	8	144	109	5	114	112	8	120	145	12	157	14	2	16	516	35	551
Pharmacy—																		
Ph.G. course.....							54	.....	54	63	3	66	47	.....	47	164	3	167
Ph.C. course.....							3	.....	3	5	.....	5	1	.....	1	9	.....	9
Totals, pharmacy.....							57	.....	57	68	3	71	48	.....	48	173	3	176
Totals in Chicago.....																689	38	727
Totals in University.....																4,065	1,031	5,096
Deduct duplicates.....																4	5	9
Net totals.....																4,061	1,026	5,087

# SUMMARY OF STUDENTS—1913-14.

38

UNIVERSITY OF ILLINOIS.

College 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.....	36	69	105	36	81	117	37	82	119	163	144	307	5	9	14	277	385	662
Business.....	29	3	32	38	2	40	71	1	72	166	5	171	.....	.....	.....	304	11	315
General science.....	21	9	30	22	11	33	19	5	24	46	13	59	2	2	4	110	40	150
Medical preparatory.....	6	.....	6	2	.....	2	22	.....	22	42	.....	42	.....	.....	.....	72	.....	72
Household science.....	.....	47	47	.....	31	31	.....	37	37	.....	81	81	.....	2	2	.....	198	198
Chemistry.....	7	.....	7	5	.....	5	11	1	12	31	1	32	1	.....	1	55	2	57
Chemical engineering.....	4	.....	4	17	.....	17	17	.....	17	28	.....	28	2	.....	2	68	.....	68
Ceramics.....	10	.....	10	11	.....	11	9	.....	9	18	.....	18	.....	.....	.....	48	.....	48
Ceramic engineering.....	5	.....	5	5	.....	5	9	.....	9	17	.....	17	.....	.....	.....	36	.....	36
Totals.....	118	128	246	136	125	261	195	126	321	511	244	755	10	13	23	970	636	1,606
Engineering—																		
Architecture.....	27	.....	27	34	.....	34	41	.....	41	95	2	97	1	.....	1	198	2	200
Architectural engineering.....	19	.....	19	20	.....	20	44	.....	44	80	.....	80	1	.....	1	164	.....	164
Civil engineering.....	40	.....	40	38	.....	38	42	.....	42	82	.....	82	2	.....	2	204	.....	204
Electrical engineering.....	17	.....	17	62	.....	62	50	.....	50	124	.....	124	.....	.....	.....	253	.....	253
Mechanical engineering.....	40	.....	40	40	.....	40	58	.....	58	136	.....	136	2	.....	2	276	.....	276
Mining engineering.....	5	.....	5	6	.....	6	5	.....	5	25	.....	25	1	.....	1	42	.....	42
Municipal and sanitary engineering.....	7	.....	7	2	.....	2	12	.....	12	9	.....	9	.....	.....	.....	30	.....	30
Railway civil engineering.....	3	.....	3	2	.....	2	2	.....	2	4	.....	4	.....	.....	.....	11	.....	11
Railway electrical engineering.....	3	.....	3	.....	.....	.....	1	.....	1	8	.....	8	.....	.....	.....	12	.....	12
Railway mechanical engineering.....	2	.....	2	1	.....	1	3	.....	3	4	.....	4	.....	.....	.....	10	.....	10
Totals.....	163	.....	163	205	.....	205	258	.....	258	567	2	569	7	.....	7	1,200	2	1,202
Agriculture—																		
General agriculture.....	122	1	123	122	1	123	160	2	162	348	5	353	86	3	89	838	12	850
Household science.....	.....	20	20	.....	8	8	.....	24	24	.....	75	75	.....	5	5	132	.....	132
Totals.....	122	21	143	122	9	131	160	26	186	348	80	428	86	8	94	838	144	982
Music.....	3	12	15	1	5	6	.....	13	13	1	37	38	.....	8	8	5	75	80
Totals, undergraduates at Urbana.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,013	857	3,870

	Fourth year.			Third year.			Second year.			First year.								
Law.....				19		19	22		22	60		60	7		7	108		108
Library school.....							11		11	2		29				2	40	42
Totals, undergraduates and professional schools at Urbana.....																3,123	897	4,020
Graduate school.....																273	58	331
Summer session (1913)—																		
Total registration.....																441	272	713
Deduct students returned.....																224	74	298
Net totals, summer session .....																217	198	415
Totals at Urbana.....																3,613	1,153	4,766
Medicine (Chicago).....	109	6	115	98	8	106	130	9	139	66	6	72	13	5	18	416	34	450
Dentistry (Chicago) .....				30	1	31	17		17	40	1	41				87	2	89
Pharmacy (Chicago)—																		
Ph.G. course.....							41	2	43	115	2	117	82		82	238	4	242
Ph.C. course.....							5		5	6	2	8				11	2	13
Totals.....							46	2	48	121	4	125	82		82	249	6	255
Total in Chicago.....																752	42	794
Total in University.....																4,365	1,195	5,560
Deduct duplicates .....																18	3	21
Net totals.....																4,347	1,192	5,539

# PROCEEDINGS OF THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS FOR THE YEAR ENDING JUNE 30, 1913.

## Meeting of July 5, 1912.

A special meeting of the Board of Trustees of the University of Illinois was held at the La Salle Hotel, in the city of Chicago, at 12:30 P.M., on Friday, July 5, 1912, pursuant to the following notice which was sent out by the secretary on June 29, 1912:

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 LaSalle Hotel, in Chicago, on Friday, July 5, 1912, 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: Mr. Abbott, Mr. Grout, Mr. Hatch, Mr. Hoit. President James was also present.

There being no quorum, the board adjourned, to meet at the La Salle Hotel, in the city of Chicago, on Saturday, July 13, 1912, at 12:30 P.M.

W. L. ABBOTT, *President.*

C. M. McCONN, *Secretary.*

## MEETING OF THE EXECUTIVE COMMITTEE, JULY 5, 1912.

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held at the La Salle Hotel, Chicago, immediately following the adjournment of the special meeting of the board on July 5, 1912.

All the members of the Executive Committee were present, namely, Messrs. Abbott, Grout, and Hatch; also Mr. Hoit, a member of the board, and President James.

## REPORTS OF COMMITTEE ON BUILDINGS AND GROUNDS.

The secretary presented the following reports from the Committee on Buildings and Grounds:

URBANA, April 20, 1912.

*To the Board of Trustees of the University of Illinois:*

Your Committee on Buildings and Grounds held a meeting at the University on this date. There were present: Mr. Abbott, Mrs. Busey, and Mr. Hatch, members of the committee, Messrs. Grout and Hoit, members of the board, and Professor White, Supervising Architect.

## CAMPUS LIGHTING.

The committee considered the communication from the Welsbach Street Lighting Company of America, containing proposals for the furnishing and maintenance of lights for the University campus, which was referred to the committee on September 12, 1911, for consideration and report (Twenty-sixth Report, 1912, p. 477), and voted to recommend that no action be taken in the matter.

## IMPROVED LIGHTING IN THE LIBRARY.

The committee considered again the Supervising Architect's recommendation that \$400 be appropriated for improved lighting in the library. This recom-

## **ERRATA.**

---

Page 592, line 32: for "meeting," read "committee."

The following cross-references to pages in this volume are omitted or erroneously printed. The correct reading in each instance is given here:

Page 180, line 15: page 118.

Page 181, line 41: page 170.

Page 182, line 1: page 170.

Page 186, line 4: page 149.

Page 200, line 18: page 91.

Page 205, line 8: page 180.

Pages 210, 211, footnotes: page 228.

Page 223, line 21: page 179.

Page 259, line 15: page 160.

Page 688, line 18: page 663.

Page 688, line 22; page 662.





mendation was referred to the committee on November 10, with power to act (Report, 1912, p. 530); on December 12 the committee authorized the expenditure of \$125 out of the \$400 for improved lighting in the room of the Library School (Report, 1912, p. 534). It was voted to authorize the Supervising Architect to expend the remaining \$275 in accordance with plans submitted by him.

#### TEMPERATURE REGULATION, NATURAL HISTORY BUILDING.

It was voted to recommend that the request that \$1,600 be appropriated for the installation of temperature regulation in the old part of the Natural History Building, referred to the committee on December 12 for consideration and report (Report, 1912, p. 538), be not approved at the present time on account of lack of funds.

#### COMPLETION OF THIRD STORY OF WOMAN'S BUILDING.

It was voted to authorize the completion of the top story of the Woman's Building, in accordance with plans to be agreed upon by the President of the University and the Supervising Architect, and to be submitted to the Committee on Buildings and Grounds for approval. This matter was referred to this committee on April 10, with power to act (Report, 1912, p. 581).

#### PAVING DRIVEWAY BETWEEN ENGINEERING AND PHYSICS BUILDINGS.

The committee considered Professor White's proposal for the paving of the driveway between Engineering Hall and the Physics Building, from Green Street to Springfield Avenue, at an estimated cost of \$3,500 (referred to this committee on April 10 for consideration and report, Report, 1912, p. 581); but no action was taken.

#### PAINTING.

The committee approved Professor White's request for an assignment from the State appropriation for buildings and grounds for the exterior painting of the following buildings at estimated costs as given below (this matter having been referred to this committee at the meeting of April 10, with power to act, Report, 1912, p. 582):

Agronomy Building .....	\$ 80 00
Horticultural Building .....	130 00
State Entomologist's Building .....	125 00
Woman's Building .....	200 00
University Hall .....	800 00
President's House .....	250 00
North Greenhouses .....	300 00
South Farm Buildings .....	1,000 00

Total ..... \$2,885 00

#### PAVING MICHIGAN AND LINCOLN AVENUES.

The committee considered the communication from the Mayor of Urbana with respect to the paving of Lincoln Avenue from the north end of the Forestry running south to the city limits, and of Michigan Avenue from Lincoln Avenue to Orchard Street (referred to this committee on April 10 for consideration and report, Report, 1912, p. 585), and requested the Supervising Architect to furnish further information, particularly with reference to the questions of drainage involved, and to make a recommendation with estimates.

#### 1912 MEMORIAL.

A request from the Senior Memorial Committee of the Class of 1912 for the approval of a site for their proposed memorial (consisting of a light on a Doric column with a semi-circular seat 14 feet in diameter), a little to the south of Lincoln Hall, was referred to the Supervising Architect for recommendation.

#### FIRE INSPECTION.

The following report was received from the Supervising Architect on the recent inspection of the University buildings by the State Fire Inspector:

URBANA, April 20, 1912.

To the Committee on Buildings and Grounds:

I enclose herewith correspondence relating to fire inspection of the University premises by the State Fire Marshal on January 18 and 19, 1912. Three inspectors visited us and looked through the buildings, spending about ten hours. No report has been made of their findings. They did not inspect either fire hose,

and in other ways the inspection was not the kind of one that we need. I recommend that our former plan of inspection be continued.

Yours very truly,  
JAMES M. WHITE.

The committee adjourned.

Respectfully submitted,  
W. L. ABBOTT, *Chairman.*

May 3, 1912.

*Mr. C. M. McConn, Secretary, University of Illinois, Urbana, Ill.*

DEAR SIR: The Buildings and Grounds Committee held a meeting at the Blackstone Hotel, Chicago, May 2, 1912.

Present: Mrs. Mary E. Busey, Mrs. Laura B. Evans, Mr. Fred L. Hatch, Mr. W. L. Abbott.

State Architect W. C. Zimmerman was also present.

#### TRANSPORTATION BUILDING: BIDS AND CONTRACT.

A statement from the supervising architect was presented, giving a tabulation of bids received for the erection of the Transportation Building, as follows:

##### SCHEDULE OF BIDS ON THE TRANSPORTATION BUILDING—UNIVERSITY OF ILLINOIS.

Contractors.	"A" Building complete, four months.	"B" Building omitting north wing, four months.	"C" Building complete, ten months.	"D" Building omitting north wing, ten months.	"E" Price per cu. yd. add. excava- tion.	"F" Price per cu. ft. add. concrete in founda- tion.
V. Jobst & Sons.....	\$106,150 00	\$83,250 00	\$101,650 00	\$80,250 00	\$0 60	\$0 27
English Bros.....	107,878 00	85,500 00	104,378 00	82,000 00	50	25
W. M. Allen, Son & Co.....	109,521 00	87,721 00	101,790 00	80,401 00	75	30
Fitzsimmons-Wheeler Con. Co.....	No bid.....	No bid.....	97,755 00	78,800 00	50	25

After full consideration, it was voted to direct the State Architect to award the contract to V. Jobst & Sons for the erection, within four months of date of contract, of the entire building, omitting the north wing, at a price of \$83,250.

The architect was directed to draft a contract which would provide for the erection of the remaining portion of the building by the same contractor within four months of date of notice to proceed with the work, providing such notice is given within two months of the date of the original contract; the cost of the entire building in that case to be \$106,150. The architect was also directed to provide in the contract for a sufficient penalty to insure the completion of the building within the time limit specified.

#### 1912 MEMORIAL.

A communication from the supervising architect was read, recommending that the Class of 1912 be permitted to locate a Senior Memorial just west of Burrill Avenue and between the Woman's Building and Lincoln Hall; the memorial to consist of a Doric column 12 feet high, with a half-circle seat 14 feet in diameter, all of stone. The recommendation was approved.

Committee adjourned.

Respectfully submitted,  
W. L. ABBOTT, *Chairman.*

The foregoing reports of the Committee on Buildings and Grounds, of the dates of April 20, 1912, and May 3, 1912, were approved in full.

#### REPORT OF COMMITTEE ON AGRICULTURE.

##### ROOFING OF COURT OF AGRICULTURAL BUILDING.

The secretary presented the following report from the Committee on Agriculture:

URBANA, April 20, 1912.

*To the Board of Trustees of the University of Illinois:*

Your Committee on Agriculture, at a meeting held at the University on this date, with all the members present, authorized the roofing of the court of the Agricultural Building, at a cost of \$6,000, as recommended by the Dean of the

College, and voted that the Supervising Architect be instructed to proceed at once with this construction; this matter having been referred to the committee, with power to act, at the meeting of March 19, 1912 (Report, 1912, p. 570).

Respectfully submitted,

FRED L. HATCH,  
A. P. GROUT,  
O. W. HOIT,

*Committee on Agriculture.*

The foregoing report of the Committee on Agriculture, of the date of April 20, 1912, was received for record.

## REPORT OF JOINT COMMITTEE ON BUILDINGS AND GROUNDS AND AGRICULTURE.

The secretary presented also the following report of a joint meeting of the Committee on Buildings and Grounds and the Committee on Agriculture:

URBANA, ILL., April 20, 1912.

*To the Board of Trustees of the University of Illinois:*

Your Committees on Buildings and Grounds and Agriculture held a joint meeting at the University on this date. There were present: Mr. Abbott and Mrs. Busey, of the Committee on Buildings and Grounds; Messrs. Grout and Hoyt, of the Committee on Agriculture; Mr. Hatch, member of both committees, and Professor White, Supervising Architect.

### HORTICULTURAL GREENHOUSES: LOCATION AND APPROPRIATION.

The joint committee considered the request for authority for the removal of the horticultural greenhouses with the necessary extensions and grading, which was referred to these committees on April 10 for consideration and report (Report, 1912, p. 582), and voted to recommend to the board:

- (1) That the present horticultural greenhouses be not removed at this time.
- (2) That the new greenhouses be constructed on the locations already approved by the board (Report, 1912, pp. 461, 505, 557).
- (3) That an appropriation of \$50,000 be made for this purpose (Report, 1912, p. 489).

Respectfully submitted,

W. L. ABBOTT,  
MARY E. BUSEY,  
A. P. GROUT,  
FRED L. HATCH,  
O. W. HOIT,

*Joint Committee.*

The foregoing report from the Committees on Buildings and Grounds and Agriculture, of the date of April 20, 1912, was approved in full.

### DEGREES CONFERRED.

The secretary presented for record the lists of students upon whom degrees were conferred at the Forty-first Annual Commencement held on June 12, 1912.

The following is a summary of these degrees:

### SUMMARY OF DEGREES.

<i>Honorary Degrees—LL.D.</i> .....	2
<i>Degrees in the Graduate School—</i>	
A.M. ....	46
M.S. ....	39
C.E. ....	3
E.E. ....	1
M.E. ....	4
Ph.D. ....	20
Total .....	113
<i>Baccalaureate Degrees—</i>	
A.B., College of Literature and Arts .....	164
A.B., College of Science .....	44
B.S., College of Science .....	20
B.S., College of Engineering .....	195
B.S., College of Agriculture .....	68
B.Mus., School of Music .....	2
Total .....	493

<i>Degrees in Law—</i>		
LL.B. ....	25	
J.D. ....	1	
Total .....	26	
<i>Degrees in Library Science—B.L.S.</i> .....	12	
Totals, Colleges and Schools in Urbana .....		644
<i>Degrees in Medicine—M.D.</i> .....	145	
<i>Degrees in Dentistry—D.D.S.</i> .....	36	
<i>Degrees in Pharmacy—</i>		
Ph.G. ....	34	
Ph.C. ....	3	
Total .....	37	
Total, departments in Chicago .....		218
Total, all departments .....		864

## LIST OF DEGREES.

## THE COLLEGES AND SCHOOLS AT URBANA.

(Degrees conferred June 12, 1912.)

## THE COLLEGE OF LITERATURE AND ARTS.

## DEGREE OF BACHELOR OF ARTS.

*In Specialized Courses, Thesis Required.*

Paul Everett Belting,  
Grace May Bookwalter,  
Louise Kathryn Goebel,  
Byne Frances Goodman,  
Louis Hill Gourley,

Mary Anna Haan,  
Homer Hall,  
Charles Elmer Holley,  
Emma Augusta Krause,  
Frank Bonner Leonard,

Itsu Maki,  
Joseph Allan Nevins,  
Florence Armina Olson,  
Adolf Edward Zucker.

*In General Courses.*

Rhoda Gilmour Adriance,  
Arthur Joseph Albrecht,  
Hazel Ellen Alkire,  
Louise Christabel Armstrong,  
Beulah Winifred Bach,  
Laura Minerva Baker,  
Mary Cordelia Barry,  
Olive Ruth Beckington,  
Clarence Summervelle Bennett,  
Simon Addison Bennett,  
Robert Overton Black,  
Augusta Eleanor Bond,  
Eugenia Bradley,  
Flora Margaret Case,  
Elizabeth Henrietta Cass,  
Sherman Cass,  
Alta Ferne Chipps,  
Delmar Gross Cooke,  
Luvern Henrietta Crawford,  
William Leslie Crow,  
Frank Clifford Dean,  
Eva Ames Dedrick,  
William Hovey Dewey,  
Louise Mabelle Elzner,  
Nellie Tanner Erskine,  
Alvin Isaac Farr,  
Louis Eugene Fayart,  
Laura Estelle Fisher,  
Harrison Obiah Flatt,  
Gertrude Wallace Fleming,  
Paul Bucher Fritchey,  
Irene Mason Funk,  
Amelia Louise Gay,

Leonard Wood Glover,  
Julius Ludwig Goebel,  
Donald Karel Groves,  
Evangeline Eunice Groves,  
Percy Wilcox Gumaer,  
Alfred Chester Hanford,  
Bernice Harrison,  
Hazel Charlotte Hart,  
Susan Alice Hash,  
Elizabeth Mary Hatch,  
Lloyd Lannes Helm,  
Bessie Edna Hersman,  
Clyde Monroe Hobart,  
Charles Marshall Kennan,  
Josephine Kirk,  
Frances Kirkwood,  
Guy Jink Koons,  
Nellie Bly Lamb,  
Ruth Leonard,  
Edna Lewis,  
Katharine Lewis,  
Ruth Marie Rebecca Lindberg,  
Lulu Leah Littlejohn,  
Caroline Luther,  
Dwight Wesley McCoy,  
Elizabeth Roberts McGill,  
Liesette Jane McHarry,  
Paul Harmon McKee,  
Charlotte Mae Mattoon,  
Mabel Lucile Miller,  
Marie Maud Miller,  
Eva Mitchell,  
Margaret Moschel,  
Cleda Virginia Moses,  
Nellie Irene Mourning,

Louise Minnie Nierstheimer,  
Lillian Genevieve Noth,  
Amy Marie Overland,  
Anna Lorine Peck,  
Wilma Edith Ponder,  
Hattie Mildred Poor,  
Luella Florence Powers,  
Grace May Robinson,  
Pearl Iola Ropp,  
Tenjes Henry Schutte,  
Otto Erwin Seiler,  
John Armstrong Sellards,  
William Andrew Shirk,  
Nellie Marie Signor,  
Clara Sinclair,  
Willis Daniel Slonneger,  
Amanda Emma Stapel,  
Carl Stephens,  
Edna Louise Stone,  
Gladys Lee Straight,  
Mildred Virginia Talbot,  
Florence Mae Tanner,  
Alice Cary Thayer,  
Louis Arthur Tohill,  
Hugh Harrison Tolman,  
Orla Alamon Towns,  
Margaret Jane Treat,  
Edith Joy VanCleve,  
Edward Everett VanCleve,  
Laura Lillian VanCleve,  
Harmon Ebert Waits,  
Courtland Kirke White,  
Asa J. Wilbourn,  
Edward Kitchell Witcher,  
Ethel West Wright,  
Ruth Lincoln Whitaker.

*In Business Courses.*

(With Thesis.)

Delbert George Gilton,  
John Eubanks Gossett,  
Philip Sidney Hanna,

Arthur Caryl Kelley,  
Arnold Cyrus Van Zandt,

Charles Edwin Vear,  
George John Zimmerman.

## (Without Thesis.)

Herbert Augustus Acer,  
Walter Wilford Ainsworth,  
Oscar Roland Baines,  
Franklin William Bauer,  
Arthur Edward Baum,  
Charles Wesley Beall,  
Elmer Royal Block,  
Irving Polhemus DeMott,  
Thomas Dunn,  
Thomas Lloyd Haines, Jr.,

Otho Manson Henn,  
Harold Harvey Herbert,  
Atherton Wells Hobler,  
Charles Augustus Lamb,  
Ananias Charles Littleton,  
Andrew Henry McConnel,  
Francis Xavier McGrath,  
Ray Clark McLarty,  
John Joseph McQuaid,  
John Edson Millizen,

Cirilo Joseph Mullen,  
Chester Corwin Roberts,  
Walter Roman, Jr.,  
Lewis Melvin Russell,  
Isidore Max Shapiro,  
George Augustine Simons,  
Raymond Rogers Thomas,  
Charles Howard Warnock,  
Edward Everette Waters,  
Walter Harry Weber.

*In Household Science.*

## (With Thesis.)

Clara Mary Eckhardt.

## (Without Thesis.)

Mamie Anna Baldwin,  
Mabel Florence Bebb,  
Bessie Busey Hoult,

Eva Jane Jackson,  
Nellie Irene McClurg,  
Carrie Isabel Needham,

Anna Belle Robinson,  
Bertha Henrietta Strauch.

## THE COLLEGE OF SCIENCE.

## DEGREE OF BACHELOR OF ARTS.

*In General Science.*

## (With Thesis.)

M. D. Abney,  
Arthur Thompson Evans,

Nelle Melissa Rietz,

Walter Boatman Worsham.

## (Without Thesis.)

Stacy Collins Bates,  
Benjamin Rudolph Belsley,  
Edward Brow Blaisdell,  
Charles Edwin Caldwell, Jr.,  
Louis Edwin Dallenbach,  
Viola Constancia Fraser,  
Daniel Webster Gaskill,  
William Hawkes,

Henry Benjamin Henley,  
Robert Morrow Henley,  
George Edward Hinchliff,  
Nellie Nancy Hornor,  
Harold Bennett Ingersoll,  
William Riddle Kent,  
Ralph Rice Lewis,  
Wallace Robert McConnell,  
Idris Nelson,

John Breen Phillips,  
Samuel Ralph Powers,  
Grace Anne Rust,  
Colin Campbell Simpson,  
Aubrey Dayton Spence,  
James Vail Stevenson,  
William Lincoln Taylor,  
Minnie Vautrin,  
Horace Smith Wilson.

*In Household Science.*

Pearl Winifred Ashton,  
Alice Biester,

Roberta Margaret Brown,  
Edith Mae Elmendorf,

Josephine Alice Happer.

*In the Six-Year Medical Course.*

Edward Dewalt Allen.  
Theodore Andrew Baumann,  
Lester Edward Bowers,

Lang Fulton Bowman,  
Melville Joseph Eames,  
Hamilton Rodell Fishback,

Milo Kirk Miller,  
Erich Wilhelm Schwartz,  
Lynn Brian Vaughan.

## DEGREE OF BACHELOR OF SCIENCE.

*In General Science.*

John Paul Hanna,

William Meyer.

*In Ceramic Engineering.*

## (With Thesis.)

Otto Springe.

*In Chemistry.*

Ralph Pillsbury Gates,  
Edward Emil Hollmann,  
Herbert Thal Leo,

Elias Mandel,  
Floyd William Mohlman,

Julius John Mojonnier,  
John Victor Tinen.

*In Chemical Engineering.*

José Oriol Carrero,  
Arthur Dechman,  
Charles Kay Hewes,  
Arthur Lyle Israel,

Paul Evangel Johnston,  
Halbert P. MacGregor,  
Robert John Quinn,  
Charles Rascher,

Vinayak Yeshawant She-  
wade,  
Charles Herbert Spauld-  
ing.

## THE COLLEGE OF ENGINEERING.

## DEGREE OF BACHELOR OF SCIENCE.

*In Architecture.*

Lewis Allen Brubaker,  
Herbert Lovewell Cheney,  
Leon Joseph Corbey,  
John Goodfellow Fleming,  
Galen Van Rensselaer  
Gloyd,  
Charles Leroy Gustafson,

John Baldwin Hawley,  
Robert Taylor Jones,  
Eugene Harris McFar-  
land,  
Alfred Edgerton Manierre,  
A. B., Yale University,  
1902,

Max Alfred Montgomery,  
Frederick Lindley Mor-  
gan,  
Joseph Colby Nelson,  
George Erwin Ramey,  
Gregory Vigeant, Jr.,  
George Ellery Wright.

*In Architectural Engineering.*

Walter Charles Berke-  
meyer,  
Fred Robert Dewend,  
John Lewis Ernst,  
William Howard Farnum,  
Herbert Edward Foster,  
William Sumner Gentry,  
Jr.,  
Ben Gest, A.B., Augus-  
tana College, 1903,

Paul Harned Gillan,  
Edmund Gottlieb Hoepp-  
ner,  
William Verity Ingram,  
Clarence Abel Klooster,  
Elwin Valentine Kratz,  
James Ralph Montigel,  
Joseph Raymond Nayer,  
Cyrus Edmund Palmer,

Isidor Raffin,  
Sidney Glen Rathfon,  
Victor Robert Sladek,  
Lawrence Orville Stocker,  
John Bruce Sutherland,  
Jr.,  
Walter Charles Voss,  
Jesse Raymond Wheaton.

*In Civil Engineering.*

Charles William Brem-  
ner,  
Oscar Ernest Bulkeley,  
Roy Rudy Carter,  
Denison Williams Chap-  
man,  
James Henry Coulter,  
John Walker Davis,  
Charles Edmund De  
Leuw,  
Philip Raymond Elfstrom,  
Alexander Watnough Er-  
skine,  
James Stuart Findley,  
Lewis Nebinger Fisher,  
Charles Warren Grainger,  
Viggo Hansen,  
Claude Leroy Hanson,  
George A. Harnack,  
Koichi Hattori,

James Herbert Hewitt, A.  
B., McKendree College,  
1908,  
Chih Hsu,  
Joseph Earl Huber,  
Paul Kircher, A.A., 1911,  
Lionel Lyman Living-  
stone,  
Welsh Walker Man-  
speaker,  
Sidney Griswold Martin,  
Charles Willard Mathews,  
David Blair Mayer,  
William Raphael McIntire,  
Forrest C. McNary,  
Guy G. Mills,  
Howard Dimick Myers,  
Robert Harold Nau,  
William Niehaus,  
As of the class of 1884,  
Charles H. West.

Harry Polkowski,  
Juan. Portuondo y Mi-  
yares,  
Lewis Lawrence Powell,  
Reuben Lawrence Sand-  
berg,  
Alexander Louis Scholz,  
John Francis Seifried,  
Cecil James Shapland,  
John Wilhelm Simmons,  
Jr.,  
Edward B. Styles,  
Harvey Franklin Wagner,  
Anthony William Wand,  
George Edward Warren,  
Ben J. Wilson,  
William Paxton Witt,

*In Electrical Engineering.*

Leo Mahlon Apgar,  
Glen David Bagley,  
Jefferson Hall Belt,  
Arthur Melton Chavous,  
John Robert Colville,  
Valentin Confesor,  
Edwin Lewis Connell,  
Herbert Glenn Derry,  
John Joseph Desmond,  
Harry Allan Doane,  
Otis Bond Dorsey,  
Harry Fedde,  
Clarence William Fick,  
Harry Forest Geist,  
Arthur Solomon Giddings,  
Willis Gaylord Gordon,  
Lester Herbert Graves,  
Percy Wilcox Gumaer,  
Valentine Bernard Ha-  
brylwicz,  
Don Llewelyn Hays,

Frederick Davis Hull,  
Ross Darwin Ingalls,  
Roy Ernest Jewett,  
Genjiro Jinguji,  
Frank Spencer Kailer,  
Albert Fabrian Landsea,  
Rudolph McDermet,  
Carl Elmer Merris,  
Harry Edgar Montgomery,  
Leo Elwood Moser,  
Norris Fay Murray,  
Henry Nafziger,  
Charles Sol Narkinsky,  
Fred Melvin Nourse,  
Harold Anthony Otis,  
Lester Leroy Phillips,  
David Chandler Prince,  
Fred Delong Rexwinkle,  
Harry Ogden Saunders,  
Chester Schenck,  
Leo Vincent Schundner,

Robert St. Clare Seese,  
Alexander McDougal  
Simons,  
Cloyd Clayton Smith,  
Glennville Edward  
Stewart,  
Ira Brokaw Stiefel,  
John William Stokes,  
Charles Michael Sullivan,  
Horace Conrad Swannell,  
Christian Bernharrd  
Thvedt,  
Archibald Beebe Van  
Deusen,  
Harrie Earl Vandever,  
Claude Van Gundy,  
Roy L. Vaniman,  
Melvin Eichberg Weil,  
Frank Harland Wilson,  
John Edward Wright,  
Robert Gardner Young.

*In Mechanical Engineering.*

Grover Samuel Arbuckle,  
Eugene Patrick Bradley,  
Howard Monreau Butters,  
Donald Erskine Buyers,  
Arthur Foster Connard,  
Philip R. Dunton,  
John Edward Evans,  
Per Alexander Faust,  
Harry Franklin Glair,  
Frank Ellwood Gooding,  
Lonsdale Green, Jr.,  
Samuel Elza Gregg,  
Egbert Joshua Hasselquist,

Charles Nelson Kell,  
Alfred Henry Kerndt,  
Harry John Klotz,  
Herman Charles Kranert,  
Leigh Meryl Matthews,  
Earl Nels Mattson,  
Paul Keiter Miles,  
Guy Lyman Morrill,  
Francis Stanley Nicki,  
Chauncey Bristol Oliver,  
Benjamin Salisbury Pfeiffer,

George West Philleo,  
George Audas Ranson,  
Thomas Leo Robinson,  
Theodore James Schance,  
Frederick John Schlink,  
Paul Charles Simonini,  
Rafael Arcangel Soto,  
John McClure Sponsler,  
Ambrose Carl Stahl,  
John Nelson Todd,  
Walter Van Turner,  
Lawrence Martin Wenter,  
George Glenn Wiley.

*In Mining Engineering.*

Ernest Jerome Rossbach, Archie Lewis Voight.

*In Municipal and Sanitary Engineering.*

Fred Guyon Gordon, Harry Francis Jahn, Samuel Leslie Miller.  
Clarence Irwin Haven, William Cecile Lorenzen,

*In Railway Civil Engineering.*

Lucius Orville Chamberlain, Elair Dilworth Duval, Roger LeRoy Morrison,  
A. B., 1911.

*In Railway Electrical Engineering.*

Cyrus White Bassett, Robert Haymond Clarke, Charles Gordon.  
Ralph Walker Booze,

*In Railway Mechanical Engineering.*

Harry Ellis Marquette, Victor Alvin Mathis.

## THE COLLEGE OF AGRICULTURE.

## DEGREE OF BACHELOR OF SCIENCE.

*In Agriculture.*

Arthur William Abbott,  
Ralph Allen, Jr.,  
Orr Allyn,  
Guy Vernon Anderson,  
Charles William Attebery,  
Ernest Robert Baldwin,  
Orley Glen Barrett,  
Kenneth Bebb,  
Cyrenius Beers, Jr.,  
Charles Henry Belting,  
Arthur Ernest Burwash,  
Morton Russell Carlson,  
Harold Clayton M. Case,  
Harold Smith Cash,  
Vun-din Chinzun Chang,  
William Gladstone Clark,  
Joel Simmons Coffey,  
Carl Colvin,  
Robert William Dickenson,

Charles John Elliott,  
Orland I. Ellis,  
Ralph John Garber,  
Joseph Peacock Green,  
Harry Norman Hays,  
Ross Barber Hostetter,  
Robert R. Hudelson,  
Homer Boys Hull,  
Donald Jackson Kays,  
George Brophy Kendall,  
George Driver Laing,  
Fred Dickerson Lewis,  
Raymond Andrew Nelson,  
Charles Ivan Newlin,  
Matthew Simpson Parkhurst,  
Harry McLaughlan Parsons,  
Charles Alexander Purcell,

As of the Class of 1885,  
Alfred Noyes Abbott.

Edward Melville Rhodes,  
LL. B., 1900,  
Paul Thomas Robinson,  
Floyd Elza Rusher,  
Otto Julius Schwartz,  
John Sheay,  
Charles LeRoy Simons,  
Alden Eugene Snyder,  
Dana Hugh Stevenson,  
Clarence Miller Stitzel,  
Fred Earl Sweitzer,  
Thomas Augustas Symons,  
John Paul Thome,  
Ernest DeWitt Turner,  
Joseph McNaughton Vial,  
John Richard Wells,  
Ralph Ray Wells,  
Clifford E. Wheelock,  
Collett Everman Woolman.

*In Household Science.*

Geneva Mae Bane,  
Juliet Lita Bane,  
Eva Lena Blair,  
Georgia Elizabeth Fleming,

Ivaloo Genung,  
Grace Glasgow,  
Ruth Glasgow,  
Pearl Hazelette Goben,  
Florence Harriett Grabbe,

Carrie Elsie Hoskins,  
Edna Hoskins,  
Louise May Jenner,  
Mary Ethel Miner.



## THE COLLEGE OF LAW.

## DEGREE OF BACHELOR OF LAWS.

De Witt Billman,	Dorris Nelson Hitch,	Tirrie Ostin Prather,
Edwin Van Meter Cham-	Harold Everett Huber,	Raymond George Real,
plon,	Henry Jerome Ingram,	Charles Simeon Roberts,
Wilfred Moran Doherty,	Thomas Jefferson Kastel,	Lynn Callsen Siebrens,
Edward Louis Eagle,	Abner Fred Kendall,	Peter Charles Walters,
Chester Owen Fischer,	Harry Edward Kerker,	Charles Provine Webb,
Winfield Corwin Gilmore,	Paul Bliss Lauher,	Charles Wham,
Logan Glasgow Griffith,	Herman Mohr,	Lloyd Garrison Williams.
Albert Leander Hall,	Ralph Monroe,	

## DEGREE OF DOCTOR OF LAW.

John Larimer Kagy, A.B., 1909.

## THE SCHOOL OF MUSIC.

## DEGREE OF BACHELOR OF MUSIC.

(With Thesis.)

Rosa-Lee Gaut

Amy Irwin Hampton

## THE LIBRARY SCHOOL.

## DEGREE OF BACHELOR OF LIBRARY SCIENCE.

Clara Mable Brooks.  
 Winifred Fehrenkamp.  
 Emma Felsenthal, Ph.B., University of Chicago, 1910.  
 Aurella Knapp, A.B., Illinois Wesleyan University, 1909.  
 Myrtle Elizabeth Knepper, A.B., Highland University, 1907.  
 Margie Ethol Langdon, A.B., Nebraska Wesleyan University, 1907.  
 Frances Willard Mathis, B.L.S.  
 Mary Gertrude Morton, B.L., Ohio Wesleyan University, 1905.  
 Catharine Susan Oaks, A.B., William Smith College, 1912.  
 Honor Louise Plummer, A.B., University of Colorado, 1907.  
 Myrtle Anna Renz.  
 Emily Robison, A.B., Temple University, 1909.

## THE GRADUATE SCHOOL.

## DEGREE OF MASTER OF ARTS.

*In Botany.*

Ida Emily Akin, A.B., Indiana University, 1908.  
 Jessie Emma Baldwin, A.B., 1908.\*  
 John Hamilton Whitten, A.B., 1911.

*In Chemistry.*

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

*In Classics.*

Cyrus Stokes Gentry, A.B., McKendree College, 1911.  
 Hazel Hardin, A.B., DePauw University, 1908.  
 Ada Viola Hoover, B.S., Carthage College, 1911.  
 Georgia Kellar Slough, A.B., Hedding College, 1908.  
 Helen Gertrude Watson, A.B., Hedding College, 1911.

*In Economics.*

Thomas Walter Samuels, A.B., 1909.  
 Charles Leslie Stewart, A.B., Illinois Wesleyan University, 1911.  
 Charles Jacob Stowell, B.S., Illinois Wesleyan University, 1911.

*In Education.*

Simeon James Bole, A.B., University of Michigan, 1906.  
 Frank Leslie Clapp, B.S., Lincoln College, 1911.

\* Where no institution is named after a degree, that degree has been conferred by the University of Illinois.

Sherman Henry Littler, A.B., 1911.  
Percy Almerin Smith, A.B., 1901.  
Edward Everett VanCleve.

*In Geology.*

Walter Elmer Ekblaw, A.B., 1910.

*In History.*

Elizabeth Parnham Brush, A.B., Smith College, 1909.  
Jessie McHarry, A.B., 1911.

*In Household Science.*

Anna Waller Williams, A.B., 1907.

*In Mathematics.*

Florence Gabrille Baxter, A.B., 1911.  
Edward August Theodore Kircher, A.B., 1911.  
Howard Baker Kingsbury, A.B., 1909.  
Louis Clark Mathewson, A.B., A.M., Albion College, 1910, 1911.  
Mary Emma Renich, A.B., 1911.  
Charles Richard Wilson, A.B., Illinois College, 1911.

*In Modern Languages.*

*(English.)*

Flora Alice Denby, Ph.B., Blackburn College, 1911.  
James Orton Huff, A.B., 1911.  
Frances Marjorie Kilburn, A.B., Rockford College, 1911.  
Vera Jessie Snook, A.B., 1911.  
Irene Elizabeth Staley, A.B., James Millikin University, 1909.  
Ralph Earle Tiejie, A.B., 1910.

*(German.)*

Sara Adelaide Fleming, A.B., Greenville College, 1907.  
Esther Massey, A.B., 1905.  
Wilhelmina Marie Schaffer, A.B., Lake Forest College, 1911.

*In Philosophy.*

Delton Thomas Howard, A.B., Lawrence College, 1910.

*In Physiology.*

Julian Herman Lewis, A.B., 1911.

*In Political Science.*

Harry Ewald Heeren, A.B., Shurtleff College, 1911.  
Frederick Emerson Merrills, A.B., Harvard University, 1911.  
Milton Winfield Thompson, A.B., 1910.

*In Psychology.*

Elisabeth Mary Hatch.

*In Sociology.*

Manuel Conrad Elmer, B.S., Northwestern College, 1911.  
Josie Batcheller Houchens, A.B., Tulane University, 1903; B.L.S., 1905.  
Julius Adam Reinemund, A.B., Augustana, College, 1911.

*In Zoology.*

Panzy Louise Barger, B.S., Tarkio College, 1911.

## DEGREE OF MASTER OF SCIENCE.

*In Agronomy.*

Charles Francis Ferris, B.S., 1911.  
Axel Ferdinand Gustafson, B.S., 1907.  
Hua Ching Ou, A.B., Peking University, 1906; B.S., 1911.  
Jay Boardman Park, A.B., 1908.  
Jonathan Winborne White, B.S., Agricultural and Mechanical College of North Carolina, 1903.

*In Animal Husbandry.*

William Herschel Smith, B.S., University of Nebraska, 1906.

*In Architecture.*

Edward Roy Ludwig, B.S., 1911.

*In Botany.*

Grace Glasgow.  
Ruth Glasgow.

*In Chemistry.*

Jesse Melangthon Barnhart, B.S., 1906.  
Olaf Bergelm, B.S., South Dakota State College, 1908.  
Norman Robert Blatherwick, B.S., Grinnell College, 1909.  
John Henry Bornmann, B.S., 1910.  
Harry Peach Corson, B.S., New Hampshire College, 1910.  
Lawrence Turner Fairhall, B.S., 1911.  
John Harris Mitchell, B.S., Alabama Polytechnic Institute, 1903, 1904.  
David Wright Wilson, B.S., Grinnell College, 1910.  
Theodore Frederick Zucker, Graduate Concordia College, 1907.

*In Civil Engineering.*

Raymond Jefferson Roark, B.S., 1911.

*In Dairy Husbandry.*

Royden Earl Brand, B.S., 1909.

*In Electrical Engineering.*

Arvid Robert Anderson, B.S., 1911.  
Charles Thomas Anderson, B.S., 1911.  
Claudius Edmund Bennett, B.S., University of Nebraska, 1909.  
Charles Day Black, B.S., 1911.  
Mati Lal Dutt, B.S., 1911.  
Fred Jay Gray, B.S., 1911.  
Owen Eugene Grigsby, B.S., 1911.  
Leonard Vaughan James, B.S., 1906.  
Melvern D. Overmier, B.S., 1911.  
William Fred Schaller, B.S., 1910.  
Trygve D. Yensen, B.S., 1907.

*In Horticulture.*

Charles Elmer Durst, B.S., 1909.

*In Household Science.*

Katherine Jensen, B.S., North Dakota Agricultural College, 1904.

*In Mathematics.*

Irby Coghill Nichols, B.S., A.M., University of Mississippi, 1906, 1908.

*In Mechanical Engineering.*

Ray Boyd Ponder, B.S., 1911.

*In Physics.*

Lloyd Theodore Jones, A.B., A.M., Lake Forest College, 1909, 1910.

*In Theoretical and Applied Mechanics.*

Floyd Hays Millard, B.S., University of Colorado, 1910.

*In Zoology.*

Charles Frederick Curtis Riley, A.B., University of Michigan, 1905.  
 Sewall Green Wright, B.S., Lombard College, 1911.

## THE PROFESSIONAL DEGREE IN ENGINEERING.

## DEGREE OF CIVIL ENGINEER.

Charles Baker Burdick, B.S., 1895.  
 Guy Henry Rump, B.S., 1904.  
 Willis Appleford Slater, B. S., M.S., 1906, 1910.

## DEGREE OF ELECTRICAL ENGINEER.

Alexander Dawes DuBois, B.S., 1899.

## DEGREE OF MECHANICAL ENGINEER.

George Wallace Hubbard, B.S., 1899.  
 Edward Spencer Keene, B.S., 1890.  
 Charles Trescott Ripley, B.S., 1909.  
 Alwin Louis Schaller, B.S., 1907.

## DEGREE OF DOCTOR OF PHILOSOPHY.

*In Agronomy.*

Albert Lemuel Whiting, B.S., Massachusetts Agricultural College, 1908; M.S.,  
 Rhode Island State College, 1910.

*In Animal Husbandry.*

Walter Edward Joseph, B.S., Purdue University, 1907.  
 Richard Hermon Williams, B.S., Toronto University, 1905; M. S., 1907.

*In Botany.*

Charles Francis Briscoe, A.B., Indiana University, 1899; A.M., 1904.

*In Chemistry.*

Stuart Jeffery Bates, A.B., A.M., McMaster University, 1907, 1909.  
 James Everett Egan, A.B., DePauw University, 1908; A.M., 1910.  
 Hugh Byron Gordon, A.B., Miami University, 1908; A.M., 1910.  
 Leonidas Rosser Littleton, A.B., Southern University, 1907; A.M., Tulane Uni-  
 versity, 1910.  
 Ellison Lloyd Ross, B.S., Iowa State College, 1904.  
 Earle Kenneth Strachan, B.S., Worcester Polytechnic Institute, 1908; M.S., 1910.

*In Entomology.*

Maurice Cole Tanquary, A.B., A.M., 1907, 1908.

*In History.*

Paul Frederick Reiff, Ph.D., Basel, 1901.

*In Mathematics.*

William Wells Denton, A.B., University of Michigan, 1907; A.M., 1909.

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

Franklin William Scott, A.B., A.M., 1901, 1903.  
 Arthur Jerrold Tieje, A.B., A.M., Cornell University, 1903, 1904.

*(German.)*

Margaret Lewis Bailey, A.B., Cornell University, 1903;; A.M., 1910.  
 Vincent Hollis Todd, A.B., Harvard University, 1907; A.M., 1910.

*In Physics.*

Samuel Herbert Anderson, A.B., A.M., Park College, 1902, 1903.  
 David William Cornelius, A.B., DePauw University, 1906.  
 Jacob Garrett Kemp, A.B., A.M., 1906, 1910.

**HONORS.**

The secretary reported 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 LITERATURE AND ARTS.**

Paul Everett Belting, in Philosophy.	Frank Bonner Leonard, in Economics.
Louise Kathryn Goebel, in German.	Joseph Allan Nevins, in English.
Byne Frances Goodman, in History.	Florence Armina Olson.
Louis Hill Gourley, in French.	Adolf Edward Zucker, in German.

**SPECIAL HONORS.****IN THE COLLEGE OF SCIENCE.**

Otto Sprunge, in Ceramic Engineering.	Arthur Lyle Israel, in Chemical Engineering.
Floyd William Mohlman, in Chemistry.	Charles Rascher, in Chemical Engineering.
José Oriol Carrero, in Chemical Engineering.	Nelle Melissa Rietz, in Zoölogy.
Charles Kay Hewes, in Chemical Engineering.	

**IN THE COLLEGE OF ENGINEERING.**

George West Philleo, in Mechanical Engineering.	John William Stokes, in Electrical Engineering.
David Chandler Prince, in Electrical Engineering.	Harvey Franklin Wagner, in Civil Engineering.

**IN THE SCHOOL OF MUSIC.**

Rosa-Lee Gaut.

**FINAL HONORS.****IN THE COLLEGE OF SCIENCE.**

Alice Biester,	Arthur Lyle Israel,	Nelle Melissa Rietz,
Louis Edwin Dallenbach,	Floyd William Mohlman,	Minnie Vautrin.
Nellie Nancy Hornor,		

**IN THE COLLEGE OF ENGINEERING.**

Glenn David Bagley,	Joseph Earl Huber,	John William Stokes,
Roy Rudy Carter,	Elwin Valentine Kratz,	Archibald Beebe Van
John Robert Colville,	Lionel Lyman Living-	Deusen,
Edwin Lewis Connell,	stone,	Roy L. Vaniman,
John Walker Davis,	Paul Keiter Miles,	Walter Charles Voss,
Lewis Nebinger Fisher,	George West Philleo,	Harvey Franklin Wag-
Paul Harned Gillan,	David Chandler Prince,	ner.
James Herbert Hewitt,	Chester Schenck,	

**IN THE COLLEGE OF AGRICULTURE.**

Harold Clayton M. Case,	Robert R. Hudelson,	George Brophy Kendall,
Georgia Elizabeth Fleming,	Donald Jackson Kays,	Dana Hugh Stevenson.

**IN THE LIBRARY SCHOOL.**

Emma Felsenthal.

## THE FRANCIS JOHN PLYM FELLOWSHIP IN ARCHITECTURE.

Edward Roy Ludwig, 1911.

## 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:

Arthur William Abbott,  
Leo Mahlin Apgar,  
Glen David Bagley,  
Kenneth Bebb,  
Walter Charles Berke-  
meyer,  
William Gladstone Clark,  
Louis Edwin Dallenbach,  
Lester Herbert Graves,  
Edmund Gottlieb Hoepp-  
ner,

Homer Boys Hull,  
Ross Darwin Ingalls,  
William Verity Ingram,  
Arthur Lyle Israel,  
Paul Kircher,  
Herman Charles Kran-  
nert,  
Herbert Thal Leo,  
William Raphael McIn-  
tire,

Sidney Griswold Martin,  
Leigh Meryl Matthews,  
Leo Vincent Schundner,  
Victor Herbert Sladek,  
Fred Earl Sweitzer,  
Archibald Beebe Van  
Deusen,  
Walter Charles Voss,  
John Richard Wells.

The University gold medal has been awarded to Harry Otto Danz.  
The Hazleton gold metal has been awarded to Henry Kellogg Sheldon.

## 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.

## DEGREE OF DOCTOR OF MEDICINE AND SURGERY.

(Conferred June 4, 1912, in Chicago.)

Mabel India Adams,  
E. Albert Aisenstadt,  
Harry Aldes,  
Albert Allen,  
Oliver Edmond Alyea,  
Jeremiah Frank Arm-  
strong, B. S.,  
Aron Max Beilin,  
Arthur Lewis Beyerlein,  
Charles Patton Blair, M.  
A.,  
Julius Bloom,  
Eugene Radford Boyer,  
Roy Fred Breeden,  
Edwin Rutherford Butter-  
field,  
Mabel Rosina Carlson,  
Arthur Narcisse Chatel,  
Benjamin Ziegfried Chan-  
non,  
George Abbott Chicker-  
ing, B.S.,  
Edward Albert Christ-  
offerson,  
James Matthew Conerty,  
Asher Raymond Cottrell,  
Laura Murphy Cottrell,  
Walter William Cress,  
Fred Raymond Crooks,  
Selma Olga Czolbe,  
David Deronda Delzell,  
Charles Chester Dickin-  
son,  
Frank DiCosola,  
Stephen Alphonsus Dona-  
hoe,  
William Emmett Dona-  
hoe,  
Harry Joseph Dwyer,  
John Adam Ebert,  
John Alden Dean Enge-  
sather,  
Alexander Donald Fergu-  
son,

Clement Fischer,  
Roscoe Roby Fisk,  
Robert Benoni Fleeger,  
Abraham George Fleisch-  
man,  
Howard Norton Flexer,  
Abraham Albert Freed-  
man,  
Harry Joseph Freemmel,  
Albert Eugene Fuchs,  
Alan Edward Gage,  
Katharine Gerow,  
William N. Goone,  
John Simpson Gordon,  
Harold Vogt Gould,  
Otto Ishmael Green, B. S.,  
Merrill Worth Grubb,  
Louis Morris Grunberg,  
Henry Virgil Hanson,  
Lyndon Denny Harris,  
Clara Edna Hayes,  
Henry Wallace Hartzell,  
Grace Line Homman,  
John H. Hrabik,  
Robert Hurka,  
Frank Emerson Inks, A.  
B.,  
Jaime Nicolas,  
Benson Mundy Jewell,  
Charles Harcourt John-  
son,  
Marie Jeannette Jones,  
Walter Raymond Jones,  
A.B.,  
Paul Vincent Joyce,  
Arthur William Karch,  
Harry Knott,  
Isidore Emil Kohn,  
Theodore Kolvoord,  
Sigurd Herbert Kraft,  
Louis Robert Kratz-  
stein,  
Louis Franklin Kubela,  
Vidda Samuel Laurin,

Jack Ralph Lavieri,  
Welcome Babcock Lewis,  
B.S.,  
Edmond William Little-  
field,  
Rocco Vincenzo Lobraico,  
Gilbert Martin Loewe,  
Ray Eyan Logan,  
Lynn Luzerne Lorens,  
John Harrison Lynn,  
Harrison Willis Maltby,  
Walker Roscoe Marks,  
Harry Watson Martin,  
John Franklin Martin,  
Joseph Ingram Mershon,  
Carl Michel,  
Charles Edward John  
Miller,  
Frederick Christopher  
Miller,  
Paul Morton Miller,  
Harold H. Moore,  
Luther Remi Moore,  
Ralph Dollahan Murphy,  
Clarence James McMul-  
len,  
Naum George Nasif,  
Barbara Marie Nickey,  
Oliver S. Olson,  
Walter Knute Olson,  
Leonard Joseph Ostrowski,  
Neal Lawrence O'Herrin,  
John Gabriel O'Malley,  
Ruby Helen Paine,  
Bernard Barney Parker,  
Ruth Azniv Parmalee, A.  
B.,  
James Francis Peattie,  
Frederick James Port,  
James Bernard Raub,  
Thomas Harold Reagan,  
Torrence Reed,  
Arthur Calvin Rhine,  
Budd Robbins,

Frederick King Rogers,  
 Samuel John Ross,  
 Delta Euillia Rowland,  
 Hobart Conway Ruddick,  
 Richard Root Rupert,  
 Herman Louis Sarvela,  
 Martin Pavel Sasko,  
 William Christopher  
 Schiele,  
 Chester Orville Shepard,  
 Frank Edmund Shipman,  
 Ph.G.,  
 Irene Smedley, A.B.,  
 James Royal Smith,  
 Oliver Rufus Spalding,

Charles John Stauffacher,  
 B.S.,  
 Emil James Stein,  
 Benjamin George Steph-  
 enson,  
 Fred Elcher Stokely,  
 Leslie Lewis Stone, Ph.  
 G.,  
 Samuel Stusser,  
 Ross Oren Taylor,  
 Alvin Thompson,  
 Clyde Rogers Van Gundy,  
 Willard Robert Vaughan,  
 Charles John Wagner, M.  
 A.,

Thomas Burke Walsh,  
 Arthur Emil August  
 Wanderer,  
 Frank Monroe Weldy,  
 Arthur William Wermuth,  
 Warren Overton Whee-  
 lock,  
 Sarah Marguerite White,  
 Clarence Henry Wieneke,  
 John Clement Williamson,  
 Clyde Earl Wilson,  
 Roy Hutchon Wilson,  
 Frank Charles Winters,  
 Ezra Lloyd Wurtzer,

### THE COLLEGE OF DENTISTRY.

#### DEGREE OF DOCTOR OF DENTAL SURGERY.

(Conferred June 4, 1912, in Chicago.)

Eric Allan-Martin,  
 Mehdy Edward Asger,  
 Spencer Paul Ashley,  
 Ewart Benjamin Berry,  
 Gilbert G. Bicknell,  
 Edward Harry Busta,  
 Albert Frederick Coltman,  
 Frank S. Comello,  
 Leo N. Daniels,  
 Herman Sidney Deutsch,  
 Edwin Evanson,  
 Joseph Anthony Flannery,  
 Irvin Ulrich Fried,

Bernard D. Friedman,  
 S. Joseph Z. Gantz,  
 Philip H. Goldstein,  
 Bert Crawford Higgins,  
 Shinichi Harry Ito  
 B. Arnett Jordan,  
 William Wallace McCril-  
 lis,  
 Emmett E. McDermott,  
 Henry Jacob Mann,  
 Robert Martin,  
 Oskar Paul Martin,

Arthur Conrod Meyer,  
 Joseph D. Palese,  
 Hannah Eshoo Patrous,  
 Edla Alice Porath,  
 Solomon H. Roberts,  
 Abraham Roth,  
 Amanda Anna Shay,  
 Corrine Slaman,  
 Carroll W. Stuart,  
 Carl David Tay,  
 Peter Joseph Teeling,  
 John Van der Ven.

### THE SCHOOL OF PHARMACY.\*

#### DEGREE OF PHARMACEUTICAL CHEMIST.

(Conferred June 9, 1912, in Chicago.)

Stanley C. Clarke.  
 Ben Lee Eicher (Class of 1911.)  
 Herbert Henry Heibredner (Class of 1911.)

### APPOINTMENTS TO FILL VACANCIES.

The secretary presented for record the following report of appointments made by the president of the University to fill vacancies in the budget passed on July 8, 1911:

Alexander, Lilla M., Catalog Assistant, for the months of July and August, 1912, at a salary of sixty dollars (\$60) a month, vice Jennie A. Craig, resigned. (May 27, 1912.)†

Decker, C. E., Instructor in Physical Geography in the Summer Session of 1912, at a salary of two hundred fifty dollars (\$250) for the session, vice S. W. Cushing, resigned. (June 5, 1912.)

Foss, Margaret C., Stenographer in the General Office of the College of Agriculture, from April 8, 1912, until further notice, at a salary of thirty-two and 50/100 dollars (\$32.50) a month. (April 29, 1912.)

Glover, Anna C., Assistant Secretary in the Agricultural Experiment Station, beginning April 1, 1912, until further notice, at a salary of ninety dollars (\$90) a month. (April 16, 1912.)

Herdman, Margaret, Assistant in Charge of the Seminar in Philosophy, Psychology, and Education, from June 1 to August 31, 1912, at a salary of sixty-five dollars (\$65) a month. (June 4, 1912.)

Houchens, Josie B., Binding Librarian, from June 1 to August 31, 1912, at a salary of seventy dollars (\$70) a month. (June 4, 1912.)

Johnson, Gertrude, Stenographer in the Registrar's Office, beginning May 20, 1912, at a salary of fifty-five dollars (\$55) a month. (June 1, 1912.)

Kamm, Oliver, Assistant in Chemistry for the Summer Session of 1912, at a salary of fifty dollars (\$50) for the session, vice H. H. Stevens, resigned. (July 5, 1912.)

Kirwan, Nora, Temporary Stenographer in the Office of the Librarian, at a salary of thirty-five dollars (\$35) a month, services and salary to begin April 20, 1912. (June 26, 1912.)

\* For the list of persons receiving the Degree of Graduate in Pharmacy (conferred April 25, 1912, in Chicago). Report, 1912, pp. 591, 592.

† The date in parenthesis at the end of each item is the date when the appointment was officially made.

Krey, A. C., Instructor in History, for ten months, beginning September 1, 1912, at a salary of one hundred forty dollars (\$140) a month. (April 17, 1912.)

Love, Elizabeth, Temporary Catalog Assistant, for the months of June, July, and August, 1912, at a salary of fifty-five dollars (\$55) a month, vice Annabel Hubbard, resigned. (May 27, 1912.)

McDonald, E. M., Assistant in Agriculture, for the Summer Session of 1912, at a salary of one hundred fifty dollars (\$150) for the session, vice W. L. Burlison, resigned. (June 28, 1912.)

Maxwell, Grace J., Temporary Stenographer in the President's Office, at a salary of seventy-five dollars (\$75) a month, to begin on her reporting for service and to continue until further notice. (April 18, 1912.)

Muncie, Fred W., transferred from the position of Assistant in Chemistry in the Department of Agronomy in the Agricultural Experiment Station to the position of Assistant in Floriculture in the Department of Horticulture in the Agricultural Experiment Station, from July 1, 1912, to August 31, 1912, his salary to continue at the rate of seventy dollars (\$70) a month. (July 12, 1912.)

Owens, A. W., to take in addition to his work as Student Assistant in Chemistry the work of C. P. Sherwin, Graduate Assistant in Chemistry, resigned, from April 15, 1912, until the close of the academic year, at a remuneration of forty-five dollars (\$45) in addition to his stipend as student assistant. (June 6, 1912.)

Reed, C. O., Assistant in Agronomy and Chemistry in the College of Agriculture, on one-half time, for the months of July and August, 1912, at a salary of fifty dollars (\$50) a month. (May 4, 1912.)

Rich, E. A., Custodian in the Law Library, from April 1, 1912, to June 8, 1912, at a salary of fifteen dollars (\$15) a month, vice C. H. Fletcher, resigned. (April 29, 1912.)

Smith, Florence E., Secretary to the Dean of the College of Agriculture, at a salary of sixty-five dollars (\$65) a month, work and salary to begin as soon as Miss Smith reports for service. (June 8, 1912.)

Stevens, Sabra, Reviser and Lecturer in the Summer Session of the Library School, for the six weeks beginning June 17, 1912, at a salary for the period named of eighty-five dollars (\$85). (May 21, 1912.)

Towne, L. J., Superintendent of Construction for the Armory and Stock Pavilion, for twelve months beginning July 1, 1912, at a salary of one hundred fifty dollars (\$150) a month. (April 18, 1912.)

Wormser, I. Maurice, Assistant Professor of Law, for one year beginning September 1, 1912, at a salary of twenty-two hundred dollars (\$2,200) for the year. (April 17, 1912.)

#### APPOINTMENT OF SCHOLARS AND FELLOWS.

The secretary presented also for record the following report of appointments to scholarships and fellowships and to research fellowships in the Engineering Experiment Station made by the President of the University under the authority given him at the session of March 19, 1912 (Report, 1912, p. 571):

<i>Botany</i> —Fauquher, Silas E., Scholarship .....	\$250 00
<i>Chemistry</i> —	
Bray, Mark Wilder, Scholarship .....	250 00
McGregor, Harold H., Fellowship .....	300 00
<i>Classics</i> —	
Seawell, Cornelia Ruth, Scholarship .....	250 00
Watson, Helen G., Fellowship .....	300 00
<i>Economics</i> —Stewart, Chas. L., Fellowship .....	300 00
<i>Electrical Engineering</i> —	
Potter, John Church, Fellowship .....	300 00
Seese, Robert S., Scholarship .....	250 00
<i>English</i> —Spangler, Mary M., Scholarship .....	250 00
<i>Entomology</i> —Head, Mary H., Scholarship .....	250 00
<i>Geology</i> —Brown, Robert W., Scholarship .....	250 00
<i>German</i> —	
Forrey, Edna L., Fellowship .....	350 00
Graham, Sappho Cecilia, Scholarship .....	250 00
<i>History</i> —	
Miller, J. Earl, Scholarship .....	250 00
Nottelman, Rudolph H., Scholarship .....	250 00
<i>Mathematics</i> —	
Eskelson, Ola M. J., Scholarship .....	250 00
Grimes, Ruby M., Scholarship .....	250 00
<i>Mechanical Engineering</i> —Simmering, Siebelt L., Fellowship .....	300 00
<i>Physics</i> —Carlson, Raymond E., Scholarship .....	250 00
<i>Political Science</i> —	
Lien, Arnold J., Fellowship .....	400 00
Hanford, Alfred C., Scholarship .....	250 00
<i>Romance Languages</i> —Overland, Amy M., Scholarship .....	250 00
<i>Sociology</i> —Kolb, J. Harry, Scholarship .....	250 00
<i>Zoology</i> —	
Gutsell, James S., Scholarship .....	250 00
Zetek, James, Scholarship .....	250 00



## ENGINEERING EXPERIMENT STATION.

Hadley, Harry Fielding, Research Fellowship .....	\$500 00
McDermet, Rudolph, Research Fellowship .....	500 00
Maney, George Alfred, Research Fellowship .....	500 00
Stokes, John William, Research Fellowship .....	500 00
Thomas, Howard Rice, Research Fellowship .....	500 00
Wohlenberg, Walter Jacob, Research Fellowship .....	500 00

## STUDENTS' FEES, COLLEGES OF MEDICINE AND DENTISTRY.

The secretary presented a report of the fees due from the students of the Colleges of Medicine and Dentistry for the period from September 1, 1911, to June 1, 1912. This report was received to be filed.

## THE TREASURER'S REPORT.

The secretary presented also the report of Mr. H. A. Haugan, Treasurer, for the quarter ending March 31, 1912, which was received for record.

## TREASURER'S REPORT.

H. A. HAUGAN, TREASURER, IN ACCOUNT WITH THE UNIVERSITY OF ILLINOIS  
MARCH 31, 1912.

DR.

1911.	31.	Balance per last statement .....	\$370,023 73
Dec.	2.	Received from State Bank of Chicago six months' interest to January 1, 1912, on \$4,000 bonds of College of Physicians and Surgeons, for credit of College of Medicine Fund .....	120 00
1912.	4.	Received from D. A. K. Steele, Actuary, for credit of College of Medicine Fund .....	260 90
	4.	Received from D. A. K. Steele, Actuary, for credit of College of Medicine Fund .....	1,137 05
Jan.	4.	Received from W. B. Day, Actuary, for credit of School of Pharmacy Fund .....	602 00
	6.	Received from D. A. K. Steele, Actuary, for credit of College of Medicine Fund .....	468 51
	6.	Received from W. B. Day, Actuary, for credit of School of Pharmacy Fund .....	215 00
	10.	Received from W. B. Day, Actuary, for credit of School of Pharmacy Fund .....	215 00
	15.	Received from D. A. K. Steele, Actuary, for credit of College of Medicine Fund .....	1,122 08
	15.	Received from W. B. Day, Actuary, for credit of School of Pharmacy Fund .....	125 00
	18.	Received from D. A. K. Steele, Actuary, for credit of College of Medicine Fund .....	1,777 35
	19.	Received from O. E. Staples, Chief Clerk, for credit of General Fund .....	13,000 00
	19.	Received from W. B. Day, Actuary, for credit of School of Pharmacy Fund .....	191 32
	20.	Received from the Treasurer of the United States quarterly federal appropriation, for credit of Agricultural Experiment Station Fund .....	7,500 00
	20.	Received from W. B. Day, Actuary, for credit of School of Pharmacy Fund .....	42 00
	22.	Received from W. B. Day, Actuary, for credit of School of Pharmacy Fund .....	105 00
	24.	Received from D. A. K. Steele, Actuary, for credit of College of Medicine Fund .....	2,859 24
	25.	Received from State Auditor, for credit of General Fund..	314,525 00
	26.	Received from W. B. Day, Actuary, for credit of School of Pharmacy Fund .....	100 00
	30.	Received from D. A. K. Steele, Actuary, for credit of College of Medicine Fund .....	1,001 22
	30.	Received from D. A. K. Steele, Actuary, for credit of College of Medicine Fund .....	2,432 30
	31.	Received from W. B. Day, Actuary, for credit of School of Pharmacy Fund .....	90 00
Feb.	3.	Received from D. A. K. Steele, Actuary, for credit of College of Medicine Fund .....	4,807 95
	3.	Received from D. A. K. Steele, Actuary, for credit of College of Medicine Fund .....	223 50

TREASURER'S REPORT—*Concluded.*

Dr.

1912.			
Feb.	7.	Received from D. A. K. Steele, Actuary, for credit of College of Medicine Fund .....	\$ 1,940 84
	9.	Received from W. B. Day, Actuary, for credit of School of Pharmacy Fund .....	119 00
	13.	Received from D. A. K. Steele, Actuary, for credit of College of Medicine Fund .....	2,575 91
	14.	Received from W. B. Day, Actuary, for credit of School of Pharmacy Fund .....	108 00
	14.	Received from O. E. Staples, Chief Clerk, for credit of General Fund .....	20,000 00
	15.	Received from D. A. K. Steele, Actuary, for credit of College of Medicine Fund .....	999 10
	17.	Received from W. B. Day, Actuary, for credit of School of Pharmacy Fund .....	145 00
	19.	Received from O. E. Staples, Chief Clerk, for credit of General Fund .....	20,000 00
	19.	Received from O. E. Staples, Chief Clerk, for credit of Agricultural Experiment Station Fund .....	136 19
	19.	Received from D. A. K. Steele, Actuary, for credit of College of Medicine Fund .....	876 25
	19.	Received from W. B. Day, Actuary, for credit of School of Pharmacy Fund .....	99 00
	21.	Received from D. A. K. Steele, Actuary, for credit of College of Medicine Fund .....	834 50
	23.	Received from W. B. Day, Actuary, for credit of School of Pharmacy Fund .....	90 00
	26.	Received from D. A. K. Steele, Actuary, for credit of College of Medicine Fund .....	787 33
	28.	Received from D. A. K. Steele, Actuary, for credit of College of Medicine Fund .....	859 40
	28.	Received from O. E. Staples, Chief Clerk, for credit of General Fund .....	20,000 00
	29.	Received from W. B. Day, Actuary, for credit of School of Pharmacy Fund .....	100 00
Mar.	2.	Received from D. A. K. Steele, Actuary, for credit of College of Medicine Fund .....	2,199 62
	4.	Received from W. B. Day, Actuary, for credit of School of Pharmacy Fund .....	65 00
	6.	Received from D. A. K. Steele, Actuary, for credit of College of Medicine Fund .....	1,490 16
	8.	Received from D. A. K. Steele, Actuary, for credit of College of Medicine Fund .....	913 20
	8.	Received from W. B. Day, Actuary, for credit of School of Pharmacy Fund .....	76 00
	9.	Received from D. A. K. Steele, Actuary, for credit of College of Medicine Fund .....	685 61
	16.	Received from W. B. Day, Actuary, for credit of School of Pharmacy Fund .....	65 00
	20.	Received from W. B. Day, Actuary, for credit of School of Pharmacy Fund .....	76 00
	26.	Received from W. B. Day, Actuary, for credit of School of Pharmacy Fund .....	77 75
	27.	Received from D. A. K. Steele, Actuary, for credit of College of Medicine Fund .....	1,364 87
	30.	Received from W. B. Day, Actuary, for credit of School of Pharmacy Fund .....	25 00
			<hr/>
			\$799,652 88

Cr.

Mar.	30.	By amount paid out of General Fund as per list of warrants herewith.....	\$431,105 98	
		By amount paid out of College of Medicine Fund, as per list of warrants herewith...	29,722 16	
		By amount paid out of School of Pharmacy Fund, as per list of warrants herewith...	2,233 09	
		By amount paid out of Agricultural Experiment Station Fund, as per list of warrants herewith .....	4,862 70	467,923 93
			<hr/>	
<i>Balances—</i>				
		General Fund .....	\$283,795 60	
		College of Medicine Fund .....	29,467 21	
		School of Pharmacy Fund .....	10,282 59	
		Agricultural Experiment Station Fund .....	8,183 55	331,728 95
			<hr/>	
				\$799,652 88

Respectfully submitted,

H. A. HAUGAN, *Treasurer.*

## THE COMPTROLLER'S REPORT.

The secretary presented also the report of Professor S. W. Shattuck, Comptroller, for the quarter ending March 31, 1912, which was received for record.

June 11, 1912.

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

SIR: I have the honor to hand you herewith the following financial statements and papers:

Paper A is a statement of the current appropriations March 30, 1912.

Paper B is a statement of the State appropriations March 30, 1912.

Paper C is a statement of the United States fund March 30, 1912.

Paper E is a statement of the United States Agricultural Experiment Station appropriations March 30, 1912.

Paper F is a statement of the School of Pharmacy appropriations March 30, 1912.

Paper G is a statement of the College of Medicine appropriations March 30, 1912.

Paper L is a report of the receipts by the Chief Clerk for the three months ending March 30, 1912.

Paper M is a list of the general University vouchers presented for audit, being Nos. 8851 to 14450, inclusive.

Paper O is a list of the United States Agricultural Experiment Station vouchers presented for audit, being Nos. 167 to 274, inclusive.

Paper P is a list of the School of Pharmacy vouchers presented for audit, being Nos. 126 to 198, inclusive.

Paper Q is a list of the College of Medicine vouchers presented for audit, being Nos. 646 to 993, inclusive.

Respectfully submitted,

S. W. SHATTUCK, Comptroller.

## PAPER A—CURRENT APPROPRIATIONS.

March 30, 1912.	Appropriated.	Expended.	Balance.
Accountancy .....	\$ 2,907 91	\$ 571 83	\$ 2,336 08
Agricultural College .....	37,855 36	23,145 23	14,710 13
Agricultural Experiment Station .....	21,568 72	6,350 28	15,218 44
Alumni Quarterly .....	1,000 00	750 00	250 00
Alumni Record .....	500 00	171 93	328 07
Applied Mechanics .....	2,678 79	605 90	2,072 89
Art and Design .....	500 00	406 33	93 67
Auditorium acoustics .....	354 61	85 94	268 67
Band instrument deposits .....	280 00	70 00	190 00
Beck appropriation .....	750 00	350 00	400 00
Blue printing .....	4,337 16	2,161 56	2,175 60
Botany .....	1,760 78	1,432 61	328 17
Bronze tablets .....	260 00	250 63	9 37
Chemistry .....	12,681 76	12,378 03	303 73
Classics .....	100 00	100 00	.....
Dean of Men .....	2,700 00	2,303 16	396 84
Dean of Women .....	400 00	342 51	57 49
Editing University Bulletin .....	1,000 00	.....	1,000 00
Engineering Bldg. site .....	2,160 50	728 96	1,431 54
Engineering College .....	11,750 00	4,949 62	6,800 38
Eng. Experiment Station .....	289 38	.....	289 38
English .....	1,750 00	961 81	788 19
Entomology .....	402 72	229 83	172 89
Faculty tennis courts .....	225 56	8 75	216 81
Geology .....	1,121 92	276 74	645 18
Germanic languages .....	200 00	79 53	120 47
High school contest .....	400 00	30 40	369 60
History .....	150 00	122 00	28 00
Illinois Cannery Assn. fund .....	1,000 00	390 70	609 30
Incidentals .....	10,000 00	4,589 49	5,410 51
Labor .....	60,000 00	46,291 70	13,708 30
Law School .....	4,700 00	2,835 90	1,864 10
Library and apparatus .....	489 98	174 95	315 03
Library School .....	1,080 00	561 47	518 53
Library student assistants .....	3,690 00	2,684 38	1,005 62
Library supplies .....	2,545 00	2,059 63	485 37
Lincoln Hall decoration .....	1,000 00	936 82	63 18
Lincoln Hall dedication .....	750 00	.....	750 00
Literature and Arts, College of .....	800 00	575 08	224 92
Mathematics .....	400 00	293 60	106 40
Medicine, College of—Committee .....	104 23	1 50	102 73
Military Department .....	950 00	944 35	5 65
Military and band scholarships .....	2,000 00	.....	2,000 00
Municipal and Sanitary Eng. .....	173 63	146 63	27 00
Music, School of .....	1,050 00	853 95	196 05

PAPER A—CURRENT APPROPRIATIONS—*Concluded.*

March 30, 1912.	Appropriated.	Expended.	Balance.
Philology, Journal of .....	\$1,549 70	\$ 992 76	\$ 556 94
Philosophy .....	200 00	199 76	24
Physical training, men .....	1,200 00	527 54	672 46
Physical training, women .....	600 00	205 95	394 05
Physics .....	1,521 09	1,521 09	.....
Physiology .....	800 00	730 36	69 64
Plym Fellowship .....	1,000 00	800 00	200 00
Political Science .....	50 00	31 26	18 74
Psychology .....	560 04	470 52	89 52
Public school drawing exhibit .....	50 00	21 90	28 10
Rebates to students .....	6,278 25	5,335 74	942 51
Romance languages .....	100 00	96 19	3 81
Science, College of .....	700 00	486 26	213 74
Snyder fund .....	4,513 32	2,980 00	1,533 32
Snyder fund interest .....	600 00	600 00	.....
Sociology .....	50 00	48 33	1 67
Soil Extension .....	1,000 00	900 00	100 00
Summer Session .....	2,000 00	1,410 42	589 58
Supervising Architect .....	1,800 00	1,686 22	113 78
Telephone Exchange .....	1,500 00	706 66	793 34
University Fellowships .....	2,400 00	1,575 00	825 00
Water Survey .....	819 50	463 90	355 60
Women's League loan fund .....	220 00	.....	220 00
Zoölogy .....	4,050 00	2,636 35	1,413 65
Totals .....	\$234,359 91	\$146,829 94	\$87,529 97

## PAPER B—STATE APPROPRIATIONS.

March 30, 1912.	Appropriated.	Expended.	Balance.
Agricultural College .....	\$207,900 00	\$140,431 42	\$67,468 58
Agronomy green house .....	9,000 00	206 69	8,793 31
Animal Husbandry Building .....	80,000 00	26 60	79,973 40
Apparatus and Appliances—			
Astronomy .....	500 00	400 02	99 98
Botany .....	1,400 00	1,399 75	25
Entomology .....	800 00	118 05	681 95
Geology .....	500 00	500 00	.....
Physiology .....	800 00	469 95	330 05
Totals A. & A. ....	\$4,000 00	\$2,887 77	\$1,112 23
Armory .....	\$100,000 00	\$ 349 49	\$99,650 51
Buildings and grounds .....	25,000 00	21,778 97	3,221 03
Cabinets .....	4,000 00	3,001 97	998 03
Ceramics .....	15,000 00	9,113 55	5,886 45
Ceramics Building .....	21,000 00	56 99	20,943 01
Chemical Laboratory .....	10,000 00	10,000 00	.....
Clinic Building .....	5,000 00	.....	5,000 00
Cold storage .....	9,000 00	.....	9,000 00
Commerce Building .....	125,000 00	3,004 74	121,995 26
Crop experiments .....	15,000 00	8,622 21	6,377 79
Dairy barn .....	10,000 00	.....	10,000 00
Dairy investigation .....	15,000 00	15,000 00	.....
Drains, fences and repairs, 1909-11 .....	5,000 00	2,750 74	2,249 26
Engineering Building and Ground .....	200,000 00	28,145 87	171,854 13
Engineering extension and maintenance—			
College .....	25,000 00	14,556 18	10,443 82
Experiment Station .....	35,000 00	15,978 28	19,021 72
Salaries .....	30,000 00	20,999 86	9,000 14
Totals Eng. Ex. and Main ....	\$90,000 00	\$51,534 32	\$38,465 68
Farm Mechanics' Building .....	\$ 8,000 00	\$ 8,000 00	.....
Fire protection .....	1,500 00	1,500 00	.....
Floriculture .....	8,000 00	6,888 69	\$ 1,111 31
Glass house .....	30,000 00	.....	30,000 00
Graduate School .....	50,000 00	23,119 23	26,880 77
Gymnasium .....	5,000 00	2,897 78	2,102 22
Heating and lighting plant .....	30,000 00	26,176 62	3,823 38
Horticulture .....	15,000 00	11,813 36	3,186 64
Household Science .....	2,500 00	1,458 31	1,041 69
Interest on Endowment Fund—			
Agricultural College .....	16,205 91	8,102 63	8,103 28
General .....	16,205 91	11,316 62	4,889 29
Total I. E. F. ....	\$32,411 82	\$19,419 25	\$12,992 57

PAPER B—STATE APPROPRIATIONS—*Concluded.*

March 30, 1912.	Appropriated.	Expended.	Balance.
Law Building .....	\$ 15,000 00	\$ 958 66	\$ 14,041 34
Law School .....	25,000 00	14,607 85	10,392 15
Library .....	25,000 00	12,620 72	12,379 28
Live Stock Specimens .....	22,500 00	13,449 53	9,050 47
Medicine, College of .....	60,000 00	.....	60,000 00
Mines investigation .....	5,000 00	1,462 46	3,537 54
Mining Building .....	25,000 00	11 40	24,988 60
Mining Engineering .....	15,000 00	3,641 64	11,358 36
Operating Expense—			
Board expense .....	2,500 00	1,877 07	622 93
Buildings and grounds .....	3,503 35	3,495 92	7 43
Comptroller's office .....	3,270 00	2,527 11	742 89
Education, School of .....	1,700 00	1,324 12	375 88
Furniture and fixtures .....	7,191 97	4,739 92	2,452 05
Heat and light .....	40,000 00	37,081 02	2,918 98
High School Visitor .....	2,700 00	2,314 19	385 81
Lectures .....	5,000 00	1,554 15	3,445 85
Library stacks .....	385 73	385 73	.....
Library shelving .....	4,050 00	1,526 99	2,523 01
Natural History Library .....	5,000 00	4,725 46	274 54
President's office .....	2,000 00	900 87	1,099 13
Printing and postage .....	12,000 00	8,187 95	3,812 05
Registrar's office .....	4,200 00	3,462 51	737 49
Salaries for instruction .....	373,000 00	250,486 21	122,513 79
Salaries for services .....	86,500 00	55,989 46	30,510 54
Summer session .....	13,000 00	13,000 00	.....
Unassigned .....	8,998 95	.....	8,998 95
Totals Op. Ex. ....	\$575,000 00	\$393,578 68	\$181,421 32
Pavements and walls .....	\$ 4,000 00	\$ 2,913 29	\$ 1,086 71
Pharmacy, School of .....	10,000 00	10,000 00	.....
Sheep Building .....	2,000 00	41 79	1,958 21
Shop practice .....	6,000 00	4,275 02	1,724 98
Social and Political Science .....	25,000 00	14,073 71	10,926 29
Soil investigation .....	65,000 00	44,988 74	20,011 26
Soil maps and investigations .....	25,000 00	6,757 48	18,242 52
Stock investigation .....	25,000 00	22,369 10	2,640 90
University Hall .....	250,000 00	246,570 05	3,429 95
Veterinary College and Research Lab..	30,000 00	25,942 80	4,057 20
Water investigation .....	15,000 00	7,548 32	7,451 68
Water station, 1909-11 .....	6,000 00	5,910 95	89 05
Water station, 1911-13 .....	2,000 00	.....	2,000 00
Water survey .....	7,500 00	5,477 23	2,022 77
Woman's Building addition .....	125,000 00	11,248 52	113,751 48
Totals .....	\$2,497,311 82	\$1,246,622 51	\$1,250,689 31

## PAPER C—UNITED STATES FUNDS.

March 30, 1912.	Appropriated.	Expended.	Balance.
Morrill Fund—			
Agricultural College .....	\$12,500 00	\$12,500 00	.....
General .....	12,500 00	12,500 00	.....
Totals Morrill Fund .....	\$25,000 00	\$25,000 00	.....
Nelson Fund—			
Agricultural College .....	\$12,500 00	\$8,603 73	\$3,896 27
General .....	12,500 00	5,233 03	7,266 97
Totals Nelson Fund .....	\$25,000 00	\$13,836 76	\$11,163 24
Totals .....	\$50,000 00	\$38,836 76	\$11,163 24

## PAPER E—UNITED STATES AGRICULTURAL EXPERIMENT STATION.

March 30, 1912.	Appropriated.	Expended.	Balance.
Adams Fund .....	\$15,000 00	.....	.....
Chemical supplies .....	.....	\$ 42 78	.....
Feeding stuffs .....	.....	299 95	.....
Freight and express .....	.....	176 52	.....
Furniture and fixtures .....	.....	74 87	.....
Labor .....	.....	2,236 97	.....
Live stock .....	.....	175 00	.....
Postage and stationery .....	.....	137 10	.....
Salaries .....	.....	6,853 18	.....
Scientific apparatus .....	.....	7 07	.....
Seeds, plants, and sundries .....	.....	16 13	.....
Total expended .....	.....	\$10,019 57	\$4,980 43

PAPER E—UNITED STATES AGRICULTURAL EXPERIMENT STATION—  
*Concluded.*

March 30, 1912.	Appropriated.	Expended.	Balance.
Adams fund receipts .....	\$ 314 51	.....	\$ 314 51
Hatch Fund .....	15,000 00	.....	.....
Buildings and land .....	.....	\$ 6 10	.....
Chemical supplies .....	.....	25 66	.....
Contingent expenses .....	.....	25 00	.....
Feeding stuffs .....	.....	90 00	.....
Freight and express .....	.....	13 84	.....
Furniture and fixtures .....	.....	64 00	.....
Labor .....	.....	959 02	.....
Library .....	.....	7 57	.....
Live stock .....	.....	36 00	.....
Postage and stationery .....	.....	165 93	.....
Publications .....	.....	52 20	.....
Salaries .....	.....	5,525 06	.....
Seeds, plants, and sundries .....	.....	63 60	.....
Tools, implements, and machinery .....	.....	2 05	.....
Traveling expenses .....	.....	353 47	.....
Total expended .....	.....	\$7,389 50	7,610 50
Hatch Fund receipts .....	367 53	\$281 95	85 58
Totals .....	\$30,682 04	\$17,691 02	\$12,991 02

## PAPER F—SCHOOL OF PHARMACY.

March 30, 1912.	Appropriated.	Expended Cur. Fds.	Expended St. Fds.	Balance.
Advertising .....	\$1,000 00	\$ 928 12	.....	\$ 71 88
Apparatus .....	1,000 00	927 12	.....	72 88
Fuel and light .....	425 00	281 84	.....	143 16
Furniture and fixtures .....	200 00	112 25	.....	87 75
Incidentals .....	693 60	554 51	.....	139 09
Laboratories .....	1,000 00	1,000 00	.....	.....
Laboratory refunds .....	260 00	42 47	.....	217 53
Library .....	200 00	87 46	.....	112 54
Printing and postage .....	300 00	168 72	.....	131 28
Rent .....	6,000 00	500 00	\$4,000 00	1,500 00
Repairs .....	300 00	253 62	.....	46 38
Salaries for instruction .....	8,470 00	1,320 00	4,595 00	2,555 00
Salaries for services .....	2,720 00	396 75	1,405 00	918 25
Special assessments .....	50 00	2 19	.....	47 81
Telephone .....	70 00	38 90	.....	31 10
Water tax .....	11 40	11 40	.....	.....
Totals .....	\$22,700 00	\$6,625 35	\$10,000 00	\$6,074 65

## PAPER G—COLLEGE OF MEDICINE.

March 30, 1912.	Appropriated.	Expended.	Balance.
Medical Department—			
Advertising .....	\$ 2,000 00	\$ 846 62	\$1,153 38
Apparatus and materials .....	1,000 00	62 50	937 50
Buildings and grounds .....	4,820 71	3,290 00	1,530 71
Dispensary .....	500 00	75 32	424 68
Fuel and light .....	6,500 00	4,239 33	2,260 67
Furniture and fixtures .....	300 00	129 69	170 31
Incidentals .....	3,000 00	2,391 60	608 40
Laboratories .....	6,000 00	6,390 00	—390 00
Laundry .....	800 00	358 15	441 85
Library .....	400 00	272 69	127 31
Maternity Hospital wards .....	1,200 00	137 65	1,062 35
Museum .....	300 00	90 29	209 71
Rent .....	16,250 00	8,125 00	8,125 00
Repairs .....	2,000 00	.....	2,000 00
Salaries for instruction .....	15,625 00	9,338 00	6,287 00
Salaries for services .....	17,220 00	10,100 43	7,119 57
Stationery and printing .....	600 00	208 20	391 80
Dental Department—			
Advertising .....	900 00	189 12	710 88
Fuel and light .....	450 00	337 76	112 24
Furniture and fixtures .....	100 00	82 25	17 75
Incidentals .....	600 00	615 43	—15 45
Institute of pedagogics .....	300 00	300 00	.....
Laboratories and clinics .....	3,400 00	1,524 56	1,875 44
Laundry .....	500 00	222 79	277 21
Repairs .....	1,000 00	.....	1,000 00
Salaries for instruction .....	10,015 00	6,910 81	3,104 19
Salaries for services .....	2,520 00	1,430 00	1,090 00
Stationery and printing .....	100 00	25 00	75 00
Totals .....	\$98,400 71	\$57,693 28	\$40,707 43

PAPER L—RECEIPTS AND REMITTANCES OF THE CHIEF CLERK FOR  
THE THREE MONTHS ENDING MARCH 31, 1912.

Balance, January 1, 1912 .....		\$15,748 85
Accountancy .....	\$ 2 56	
Agricultural College .....	13,995 87	
Applied Mechanics .....	106 66	
Band instrument deposits .....	5 00	
Blue printing .....	851 11	
Buildings and grounds .....	154 35	
Chemistry .....	119 16	
Crop experiment receipts .....	1,420 22	
Dairy investigation receipts .....	2,801 77	
Engineering College .....	118 25	
Engineering Experiment Station receipts .....	46 44	
Floriculture receipts .....	56 84	
Household Science .....	489 00	
Horticulture receipts .....	1,081 05	
Illinois Central Railroad .....	500 00	
Library and apparatus .....	36 20	
Lockers .....	305 50	
Mechanical Engineering .....	8 00	
Philology, Journal of .....	642 30	
Psychology .....	12 67	
Snyder, Edward, fund, principal .....	320 00	
Snyder, Edward, fund, interest .....	132 65	
Special fees .....	11,361 75	
Soil examination receipts .....	1,957 17	
Stock investigation receipts .....	1,056 33	
University fees .....	37,721 75	
Universities studies .....	2 80	
Water survey .....	379 77	
Woman's League fund .....	6 00	75,691 17
		<hr/>
		\$91,440 02
Remittances to H. A. Haugan, Treasurer—		
January 18, 1912 .....	\$13,000 00	
February 13, 1912 .....	20,000 00	
February 17, 1912 .....	20,136 19	
February 27, 1912 .....	20,000 00	\$73,136 19
		<hr/>
Balance March 31, 1912 .....		18,303 83
		<hr/>
		\$91,440 02

### AUDITOR'S REPORT.

Mr. Grout, as Chairman of the Finance Committee, presented the following report from the Audit Company of Illinois of their audit of the books of the University for the quarter ending March 31, 1912, with the recommendation that it be received for record, and that the opening summary thereof be printed in the minutes of the board. This recommendation of the Finance Committee was accepted.

CHICAGO, June 10, 1912.

Mr. A. P. Grout, Chairman Finance Committee, University of Illinois, Winchester, Ill.

DEAR SIR: We have made our regular quarterly audit of the books and records of account of the University of Illinois for the third quarter, ended March 31, 1912, of the fiscal year, and submit herewith our report thereon, together with the appended exhibits and schedules, showing the receipts and disbursements in detail.

We reconciled the chief clerk's cash account on the morning of May 6, 1912, proved the cash book footings from January 22, 1912, to May 6, 1912, verified the cash in the office by count, and examined and proved the footings of the approved and receipted vouchers in process of entry.

We obtained a certificate from the First National Bank, of Champaign, Ill., certifying to the cash on deposit May 6, 1912, as—

Balance on hand January 22, 1912 .....	\$ 15,813 56
Receipts from various sources .....	11,742 45
	<hr/>
	996,279 54

Disbursements and remittances to treasurer .....	\$1,008,021 99
	<hr/>
	991,145 11

Balance on hand May 6, 1912 .....	\$16,876 88
-----------------------------------	-------------

Made up of—	
Currency .....	\$ 902.00
Coin .....	55 67
First National Bank balance .....	15,813 56
	<hr/>

Total cash \$16,771 23

Checks for deposit .....	\$394 21	
Vouchers in process of entry .....	314 21	
Express (Bills) .....	79 34	
Freight (Bills) .....	79 67	
Total .....	\$17,638 66	
Less—		
Class of 1895 fund .....	\$ 1 78	
Students' deposits .....	760 00	
		761 78
Balance as above .....		\$16,876 88
In the cash statement following, we present in total the general cash transactions for the third quarter, as represented by the cash book and warrant registers, beginning with the general cash balance as at December 31, 1911.		
Treasurer's balance .....		\$254,350.44
Chief clerk's balance .....		15,748 85
		\$270,099 29
Cash receipts (Exhibit "A") .....		432,184 13
		\$702,283 42
Disbursements (Exhibit "B") .....		488,546 12
		\$213,737 30
Made up of—		
Treasurer's balance .....	\$195,433 47	
Chief clerk's balance .....	18,303 83	
Balance as above .....		\$213,737 30
We compared all warrants paid during the quarter with the treasurer's record. We also obtained a certificate from the State Bank of Chicago, Ill., certifying to the balance of cash on deposit to the credit of the treasurer at the close of business, March 31, 1912, as being .....		
Less: Warrant No. 8951 paid as \$24.53, should be \$25.53 .....		\$331,728 95
		1 00
		\$331,727 95
The following is a reconciliation of the treasurer's account with the books of the University on March 31, 1912:		
Treasurer's balance, per University books .....		\$195,433 47
Add: Unpaid warrants (Schedule "9") .....		136,294 48
		\$331,727 95
Made up of—		
General fund .....	\$283,794 60	
College of Medicine fund .....	29,467 21	
U. S. Agricultural Experiment Station fund .....	8,183 55	
School of Pharmacy fund .....	10,282 59	
		\$331,727 95

Yours very truly,  
C. W. KNISELY.

#### REPORT ON CASE OF MR. GORDON H. SOMERS.

The secretary presented a second report of the Special Committee on the case of Mr. Gordon H. Somers, a certified public accountant of Chicago, against whom the Board of Examiners in accounting had brought charges of unprofessional conduct (see Report, 1912, pp. 468, 505 and 536). The report of this committee was received to be filed.

At this point Mr. Anthony took his seat with the board.

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

President James presented the following matters for consideration:

##### PLANS FOR THIRD FLOOR OF WOMAN'S BUILDING.

(1) A communication from Professor James M. White, Supervising Architect, outlining the proposed arrangement for the third floor of the addition to the Woman's Building, including the following important points: (1) Two rooms for additional literary societies for the women of the University; (2) space for a practice apartment, with living-room, dining-room, kitchen, bath, and two bedrooms, for the use of the Department of Household Science; (3) several rooms which may be used as practice-rooms for the School of Music or for other purposes as needed.

It is proposed that if this arrangement be made two new literary societies shall be organized, to which every woman will be assigned by lot upon matricula-



tion in the University; the Council of Administration has granted permission for the organization of these literary societies, in answer to a request signed by the presidents of all the present women's literary societies in the institution, and the presidents of other organizations of the women students, such as the Women's League.

Attention being called to the fact that the final approval of the plans for the third floor of the addition to the Women's Building had been referred by the board to the Committee on Buildings and Grounds (Report, 1912, pp. 419 and 581), the matter was left to this committee, with the suggestion from the chairman of the Executive Committee that the matter be taken up immediately and disposed of.

#### HENRY BIROTH.

(2) The following letter from Mr. W. B. Day, Acting Dean and Secretary of the School of Pharmacy:

CHICAGO, June 18, 1912.

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

DEAR MR. PRESIDENT: On May 29, 1912, there died in Baden Baden, Germany, a distinguished friend of the School of Pharmacy, Mr. Henry Biroth. Mr. Biroth was one of the pioneer druggists of Chicago. He came here from Germany when about eighteen years of age and was apprenticed to Dr. J. Mahla, one of the leading apothecaries and chemists of early Chicago. In 1861 Mr. Biroth enlisted in the Union Army. At the close of the war he returned to Chicago, and at the time of the fire was in business on the North Side. He lost everything in the fire, but afterward opened a drug store on Archer Avenue near Twenty-second Street, and then engaged in the manufacture of pharmaceutical products, especially pepsin. Mr. Biroth sold his drug store many years ago, but continued in the manufacture of pepsin until a few years ago, when after the death of his wife he retired from business and spent his remaining years in travel. A lover of art and literature, he traveled extensively in Europe, visiting art galleries, museums, libraries, and places of historic interest. It was during these travels that he was stricken with an illness which resulted fatally.

At the time of his death Mr. Biroth was Honorary President of the American Pharmaceutical Association. He was president of the Illinois Pharmaceutical Association in 1882-83, was twice president of the old Chicago College of Pharmacy, and was a charter member of the Chicago Veteran Druggists' Association, and its president in 1903. Memorial resolutions have been passed by the Illinois Pharmaceutical Association and the faculty of the School of Pharmacy, as well as by the Chicago Veteran Druggists' Association.

The School of Pharmacy was especially indebted to Mr. Biroth; for, beginning with 1885, he awarded each year a fine compound microscope to the senior student who was recommended by the faculty as having done the best work in materia medica and microscopy.

Mr. Biroth leaves but one child, Mrs. H. Massey, now residing in Blue Island, Ill. Mr. Biroth's funeral occurred Sunday, June 23, at Mt. Greenwood Cemetery. The services at the grave were conducted by the Chicago Veteran Druggists' Association. I represented the school and sent flowers for the Alumni Association.

While not an alumnus of the school, Mr. Biroth was always deeply interested in it. He was a member of the old college organization almost from its foundation. When the school was turned over to the University in 1896 and the Illinois Pharmaceutical Association recommended the appointment of the Advisory Board of Pharmacists, Mr. Biroth was one of those selected to serve on this first Advisory Board. The University conferred upon Mr. Biroth in 1897 the honorary degree of Master in Pharmacy.

I thought that you might be pleased to have these facts, and possibly to have memorial resolutions adopted by the Board of Trustees and a copy forwarded to Mrs. Massey.

Respectfully yours,

W. B. DAY, *Actuary.*

This communication was received for record, and the board unanimously passed the following resolution, directing that it be printed in the minutes, and that a copy thereof be sent to Mr. Biroth's surviving daughter, Mrs. Massey.

WHEREAS, Henry Biroth, who died on May 29, 1912, was for more than forty years eminent in the profession of pharmacy in this country, and was ever among the foremost in the long struggle for the raising of the standard of this profession; and

WHEREAS, He was for many years a faithful and helpful friend of the School of Pharmacy of the University of Illinois; therefore be it

Resolved, That the Board of Trustees of the University of Illinois desires thus publicly to express its appreciation of the distinguished services of Henry Biroth to his profession and to the School of Pharmacy, and its sympathy with his surviving daughter.

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

(3) A communication from Mr. W. B. Day, as secretary of the Illinois Pharmaceutical Association, stating that at the annual meeting of the association

held at Springfield, Ill., on June 11 and 12, 1912, the following persons were recommended to the Board of Trustees of the University of Illinois for the appointment of one on the Advisory Board of the School of Pharmacy, to succeed Mr. Walter H. Gale, of Chicago, whose term has expired:

- A. G. C. Ackerman, Chicago (153).\*
- B. S. Coobay, Chicago (149).
- Joseph Hottinger, Chicago (147).
- W. B. Duncan, Ottawa (146).
- George W. Sohrbeck, Moline (124).

This communication was accompanied by the recommendation that Mr. A. G. C. Ackerman, of Chicago, who received the highest number of votes from the Illinois Pharmaceutical Association, be appointed a member of the Advisory Board of the School of Pharmacy to succeed Mr. Walter H. Gale, of Chicago, the appointment to date from July 1, 1912.

This recommendation was approved.

#### REGULATION IN REGARD TO REFUND OF FEES.

(4) A communication from Mr. C. M. McConn, Registrar, asking that the rule in regard to the refund of fees be made to read as follows:

"In case a student withdraws from a course or from college during the first ten days of instruction as scheduled, the total amount of his fees for the work dropped, except the matriculation fee, will be refunded. After ten days and before the middle of the semester, a rebate of one-half of the fees, except the matriculation fee, will be made. After the middle of the semester, no rebate will be made. In no case will any part of the matriculation fee be refunded."

It was voted to approve this request and to adopt the rule as printed above.

#### PAVING OF LINCOLN AVENUE.

(5) A communication from Professor J. M. White, Supervising Architect, with respect to the proposed paving of Lincoln Avenue (p. 585, Report, 1912), as follows:

I have conferred with Mayor Boggs about the paving of South Lincoln Avenue. It seems that the University paid five hundred dollars toward the present storm water drain, which now terminates on the west side of Lincoln Avenue where we can connect with it at any time. The sanitary sewer plan does not contemplate any line on that street, as it is the expectation to connect the houses on Lincoln Avenue eastward to Busey. If a sanitary sewer should be required on the street, it will go in the parking.

The additional storm water drains to be laid now will be cross lines, to carry the storm water from catch basins on the west side to a storm water sewer which will be run south on the east side of the street. This settles satisfactorily all questions of drainage.

The present Lincoln Avenue pavement is 28 feet wide, and I should prefer to see it continued that width for the part it is now proposed to pave. Twenty-six feet, however, is the standard width, and I recommend that the University sign the petition on that basis, but that we express our preference for a 28-foot pavement, providing the property owners will agree. Professor Talbot expresses a preference for the 28-foot pavement, while Professor Blair thinks the 26-foot would be adequate.

It was voted that the University shall sign the petition in question when the President of the University is satisfied that all questions of drainage have been properly provided for and that there is a substantial agreement as to the proper width of the street.

#### WIDENING AND PAVING OF ORCHARD LANE

(6) A communication from Professor J. M. White, Supervising Architect, with respect to the proposed widening and paving of Orchard Lane, stating that the property owners on Davidson Street are willing to agree to a 26-foot pavement, and adding, "I have attached to the petition the city engineer's estimate on the pavement, which is twenty-two thousand dollars (\$22,000) for a 26-foot width all the way from First Street to Wright Street. Our frontage is a little less than half of this distance, and the cost would therefore be a little less than one-fourth of the amount named. The necessary provision for drainage has been included, and I hope this petition may receive favorable consideration at the next meeting of the Board."

Attention was called to the fact that this matter had been referred to the Committee on Buildings and Grounds for consideration and report (Report, 1912, p. 590).

\* The figure in parenthesis following the name indicates the number of votes received by the candidates in the vote taken by the pharmacists of the State.

### LAND FOR EXPERIMENTAL FIELDS.

(7) A communication from Professor C. G. Hopkins, enclosing three deeds of land for experimental fields:

(a) A deed from Asa Hixley and wife, conveying to the University twenty-four acres in Edwards County, on the west end of the south half of the northeast quarter of section eighteen (18), township one (1) north, range eleven (11), east.

(b) A deed from Emma Sconce, Harvey J. Sconce, and Fannie F. Sconce, conveying to the University twenty acres in Vermilion County, which include a part of the east half of the southeast quarter of section twenty-two (22), township seventeen (17) north, range thirteen (13) west.

(c) A deed from Gertrude C. Nation, conveying to the trustees of the Enfield Experiment Station fund twenty acres of land in White County, situated on the east half of the northeast quarter of the southeast quarter of section nine (9), township five (5) south, range eight (8) east; accompanied by a deed from the trustees of the Enfield Experiment Station fund, conveying the said land to the University.

It was voted that this communication should be referred to the Committee on Agriculture for consideration and report.

### THE BUDGET FOR 1913-1915: BUILDINGS.

(8) A statement from the president of the University in regard to the needs of the institution in the matter of new buildings, for consideration in connection with the plans for the next biennial budget.

This communication was received for record.

Following the presentation at the last meeting of the board concerning the imperative need of an adequate library at the University, I desire to call attention here to some further subjects which must be considered carefully by the board in making up their next biennial budget.

Our present Chemical Laboratory is crowded practically to the limit, and it will be necessary, if the University is to meet the conditions at all, to make a large addition to the present building. The members of the staff in the Chemical Department have been working for some two years on the elaboration of a satisfactory addition to be built on the east of the present building. This addition will cost, with its equipment, \$375,000. With this sum a fireproof building, corresponding in general style and appearance to the present, though not containing so many cubic feet of space, can be built east of the present building, leaving a court in the center partially occupied by the present lecture-room.

The number of students taking chemistry at the University of Illinois has increased very largely within the past few years. This has come about for several reasons. First of all, it is owing to the rapid increase in general attendance at the University; the demand for chemistry is of course a steadily increasing one, keeping at least equal pace with the growth in the number of students. But the demand for chemical instruction has outrun the increase in the number of students. The Engineering College at one time did not require chemistry from all the students in that college. It has now practically made this subject a required one, and, consequently, every additional engineering student means an additional student of chemistry. It means that more laboratory space must be provided, more equipment, and more instruction.

In the same way the Agricultural College has practically made chemistry a required study, and by removing it from the upper years to the lower has increased very much the number of students in chemistry, owing to the fact that the lower classes are uniformly so much larger than the upper classes. Every additional agricultural student means practically an additional student in chemistry.

Again, the establishment of the Department of Ceramics, in the curriculum of which chemistry plays a fundamental part, has made largely increased demands upon the Department of Chemistry for additional laboratory space, additional equipment, and additional instruction.

I do not know that any department furnishes a better illustration of the unsatisfactory basis on which our present budget is made out. We have gone to the Legislature for large special appropriations for the Agricultural College. We have gone to the Legislature for large additional appropriations for the Engineering College. We have gone to the Legislature for an appropriation to establish and support the School of Ceramics, etc. Each one of these departments in its growth makes, as has been seen, heavy demands upon the Department of Chemistry. But we have not succeeded in obtaining corresponding appropriations for the Department of Chemistry. In fact the special appropriation of ten thousand dollars per annum is ridiculously inadequate to meet the expense of a department which has more than 1,200 students enrolled.

I think there is no doubt that one of the buildings which the University ought to ask from the next Legislature—and ought to put if not first in the list, at least so high up in the list as surely to secure the necessary grant—is the addition to the Chemical Laboratory, with the equipment and furnishings which must necessarily go with it. Four hundred thousand dollars would be, in my opinion, a reasonable sum to ask for this purpose. The University of Minnesota has just accepted plans for a Chemical Laboratory, which will cost when completed more than \$600,000.

What I have said of the Department of Chemistry is equally true of two other important departments, though the pressure has not shown itself in such a decided way, namely zoology and botany. These are fundamental subjects in the College

of Agriculture, though they are not fundamentally of such importance in the College of Engineering. They must provide a large part of the scientific instruction upon the basis of which a curriculum of a scientific agricultural college should be established.

Neither of these departments is adequately housed, adequately equipped, or adequately manned. The Department of Botany, including in an administrative way the Department of Bacteriology, is especially crowded for space, especially in need of adequate equipment and adequate instructional force. In order to provide for the necessary additional space for these two departments, the present Natural History Building should be completed by adding the omitted section at the central portion of the east side of the building, at a cost probably of between seventy-five and one hundred thousand dollars. Provision should be made elsewhere for the administrative offices, which are now upon the second floor of the new portion of the building, and provision should be made for the removal of the Geological Survey and perhaps of the Natural History Survey from this building and the housing of them in new quarters.

If the Commerce Building could be completed, at least on the south and western sides, space might be found for the administrative offices for a few years to come, and this would perhaps be the best practical solution. This would leave a large space which, with the addition to the building and the additional space obtained by the removal of the Geological Survey quarters, would give to botany and zoölogy adequate space, particularly if physiology could be provided for elsewhere.

We have at the University a number of departments which are in essence rather administrative departments of the State Government than scientific departments of the University. Thus the Geological Survey, while made by law a bureau of the University, is under the control of a board consisting of the Governor of the State, the President of the State University, and one other person appointed by the Governor. The State Entomologist's Office is distinctly an administrative department of the State Government. The State Entomologist is appointed by the Governor, and while the funds for this department pass through the hands of the Trustees of the University of Illinois, the trustees have practically no control over their disposition.

The State Laboratory of Natural History, although an integral part of the University and subject to the control of the trustees as absolutely as any other department, is also, owing to the history of the survey and its connection with the present director, the distinguished zoölogist, Professor S. A. Forbes, and the added fact that it has a special appropriation from the State Government, to some extent an independent department.

I should like to raise the question whether it would not be a wise thing to ask the next Legislature for money to erect a State Laboratory Building in which should be housed those departments of public administration such as I have mentioned, with any others which the State may see fit to impose upon the University, and adding those departments of instruction which for one reason or another may be best associated with these departments. It might, for example, be well to put the Department of Zoölogy in such a State Laboratory Building, along with the State Geological Survey, and other similar adjustments might be made. If this could be done, we should have in the present Natural History Building adequate space for the Departments of Zoölogy and Botany for years to come, especially if, as suggested above, physiology could be taken care of in a special laboratory building for the medical sciences.

The attention of the members of the board is respectfully called to these possibilities, and they are requested to give consideration to these matters against the time when the decision must be made.

#### BUILDINGS AND GROUNDS UNDER DIRECTION OF SUPERVISING ARCHITECT.

(9) A recommendation that, pending the further action of the board upon the reorganization of the business departments of the University, the Department of Buildings, now under the charge of Mr. Joseph A. Morrow, as superintendent of buildings, and the Department of Grounds, now under the charge of Mr. Evelyn Atkinson, as superintendent of grounds, be placed under the direction of the supervising architect, and that the superintendents of buildings and grounds be made directly responsible to the supervising architect in the administration of their respective departments; and, further, that in all matters concerning the planting or removal of trees and shrubs the approval of Professor J. C. Blair, head of the Department of Horticulture, shall be obtained.

This recommendation was approved.

#### CLEAN TOWEL SYSTEM IN MEN'S GYMNASIUM.

(10) A request from Mr. George Huff, Director of Physical Training for Men, approved by the Council of Administration, that he be authorized to increase the locker fee in the Men's Gymnasium from 50 cents to \$1 a semester, in order to provide funds for the support of a clean towel system, the plan of which will be as follows: A deposit of 25 cents will be required for each student for his first towel; every time thereafter that he returns a soiled towel to the attendant, he will be given a clean one. Director Huff thinks this plan would undoubtedly tend to a more cleanly condition in the department and lessen the probability of the spread of contagious disease. The additional sum received would just about pay for the actual cost of laundry and depreciation.

It was voted to approve this plan; to authorize the increase of the locker fee in the Men's Gymnasium from 50 cents to \$1 a semester, and the charging of a deposit of 25 cents for the first towel issued to each student; and to appropriate the proceeds of this fee and deposit to the Department of Physical Training for Men for the support of the proposed clean towel system.

#### COST OF LAND BETWEEN GOODWIN AND MATHEWS AVENUES.

(11) A report from Dr. W. F. M. Goss, Dean of the College of Engineering, concerning the cost of the land between Goodwin and Mathews avenues in Urbana purchased during the past year for the College of Engineering.

This report was received to be printed in the minutes.

URBANA, ILL., July 2, 1912.

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

DEAR SIR: Supplementing my report upon this subject submitted under date of October 31, 1911, I transmit herewith a statement of the cost of all land purchased by the University between Goodwin and Mathews avenues and between the "Bone-yard" and the railway track as a site for the new engineering buildings.

The greater part of the land in question faces improved streets. It was occupied by six houses, five of which have been sold and removed. To determine what part of the price paid could be regarded as necessary to cover the improvements upon the several pieces of land, a committee of local experts was organized to view the property and to report to me their findings. Those who served upon this committee were Mr. S. K. Hughes, real estate agent, Champaign, Mr. George W. Harwood, President of the Champaign Building and Loan Association, Champaign, and Mr. D. Osborn, a leading building contractor of the city of Urbana. These gentlemen inspected the property in company and severally agreed to the values reported. A copy of their report is herewith attached as Exhibit A. The original is held in my office for permanent record.

The location and size of the several lots are set forth by the accompanying blue-print. The tabulated statement which follows shows in the fifth column the gross sum paid for each lot with its improvements. The sixth column shows the value of improvements as fixed by the expert committee, and the seventh column the net cost of the land. The eighth and ninth columns show respectively the cost per front foot and the cost per square foot after deducting the cost of improvements.

The total amount paid by the University for the whole area which it has secured is \$37,700. You will recall that before entering upon this purchase I estimated our possible expense as \$40,000.

Against the total expenditure there has been a credit arising from the sale of the houses, which credit, after deducting therefrom all incidental costs of advertising, back taxes, expert advice, commissions, etc., amounts to \$1,432. The net expenditure is, therefore as follows:

Total sum paid by the University.....	\$37,700 00
Credit from sales.....	1,432 00

Net total cost .....	\$36,268 00
----------------------	-------------

The area of the land purchased amounts to 114,120 square feet. The University has paid for this land, with its improvements, \$36,268, or 32 cents per square foot. If the estimated value of the improvements is deducted from the purchase price, the cost per square foot for the land is reduced to 18 cents.

In order to ascertain the average cost per front foot, it will be necessary to take out a piece 8 rods wide and 18 rods long containing 39,204 square feet, which has no frontage. This includes the Ferguson property (Lot 5) and the back half of the Conkle property. Assuming that this ground having no frontage is worth 8 cents per square foot, its value would, in round numbers, be \$3,200. The cost for the land having frontage would then stand as follows:

Total amount paid .....	\$37,700 00
-------------------------	-------------

Credits:

Estimated value of buildings .....	\$14,900 00
Estimated value of portions having no frontage....	3,200 00
	<hr/> 18,100 00

Amount paid for property fronting on improved streets.....	\$19,600 00
--	-------------

The total frontage on both Goodwin and Mathews avenues amounts to 571 feet, making the average cost per front foot	<hr/> \$34.00.
--	----------------

571

Respectfully submitted,

W. F. M. Goss.

[EXHIBIT A.]

*Dean W. F. M. Goss, Urbana, Ill.*

DEAR SIR: This is to certify that we, the undersigned, on July 21, 1911, went to the property known as lots one (1) and two (2) in Wm. M. Goodwin's Second Addition to Urbana, Champaign County, State of Illinois, and there examined the properties listed below and estimated the present values of the buildings thereon,

taking into consideration the purpose for which they were erected, and, after allowing proper depreciation on account of age and conditions, we agreed upon the values set opposite each property below, to wit:

No. 504 South Mathews Avenue, being south 66 feet of north 192 feet of lot 1 in said addition.....	\$2,800 00
No. 501 South Goodwin Avenue, being the north 132 feet of east 132 feet of lot 2 in said addition.....	1,200 00
No. 505 South Goodwin Avenue, being south 100 feet of the north 232 feet of the east two chains of lot 1 in said addition.....	700 00
No. 507 South Goodwin Avenue, being the south 65 feet of east two chains of lot 1 in said addition.....	3,800 00

Total ..... \$8,500 00

We also examined from the outside the two residences located on the same tract of ground first above described and which are named below, and we placed on the buildings the values set opposite each below, to wit:

No. 502 South Mathews Avenue, being on the north 126 feet of lot 2 in said addition.....	\$2,800 00
No. 506 South Mathews Avenue, being on the south 82 feet of lot 2 in said addition.....	3,600 00

Respectfully submitted,

S. K. HUGHES,  
GEO. W. HARWOOD,  
D. OSBORN.

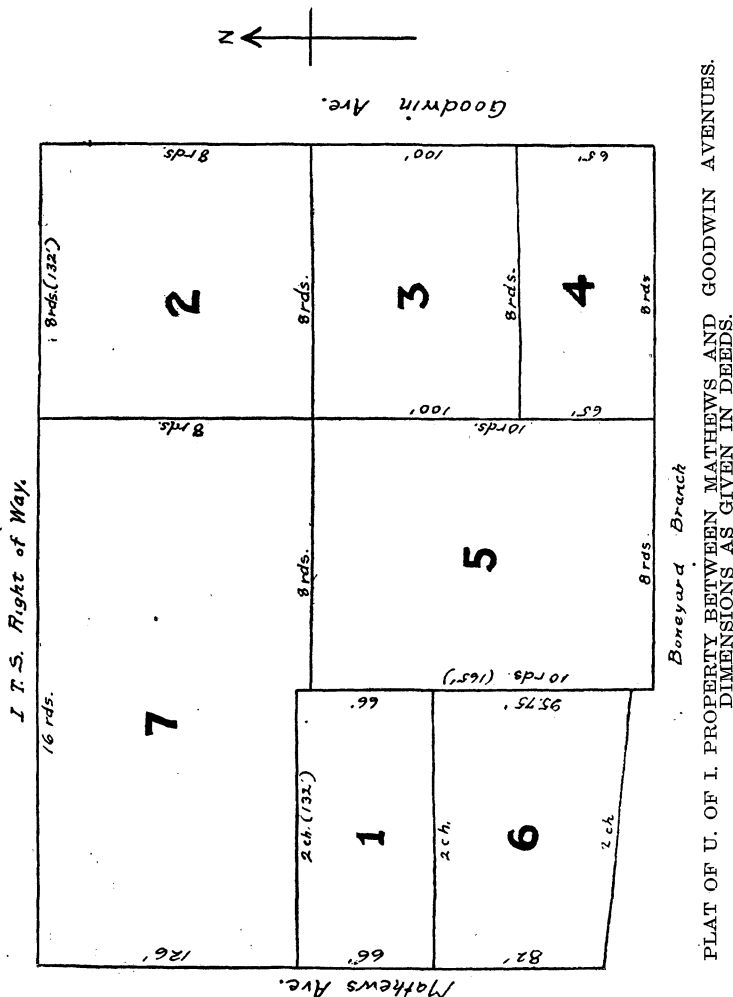


TABLE SHOWING COST OF UNIVERSITY OF ILLINOIS LAND BETWEEN  
MATHEWS AND GOODWIN AVENUES.

Reference number.	Location property by street number.	Nominal frontage of lot—feet.	Nominal depth of lot—feet.	Total price paid.	Estimated value of buildings.	Estimated total net cost of land.	Estimated net cost of land per front foot.	Estimated net cost of land per square foot.
1.....	504 S. Mathews.....	66	132	\$ 4,500 00	\$2,800 00	\$1,700 00	\$25 75	\$0.195
2.....	501 S. Goodwin.....	132	132	5,000 00	1,200 00	3,800 00	28 79	.218
3.....	505 S. Goodwin.....	100	132	2,600 00	700 00	1,900 00	19 00	.144
4.....	507 S. Goodwin.....	65	132	6,000 00	3,800 00	2,200 00	33 85	.256
5.....	No frontage.....	132	165	1,800 00	None....	1,800 00	None..	.083
6.....	506 S. Mathews.....	82	132	7,000 00	3,600 00	3,400 00	41 46	.289
7.....	502 S. Mathews.....	126	264	10,800 00	2,800 00	8,000 00	63 49	.240

**RESIGNATION OF ASSOCIATE PROFESSOR RICKARDS.**

(12) The resignation of Mr. Burt R. Rickards, Associate Professor of Municipal and Sanitary Dairying in the College of Agriculture and Assistant Chief in Municipal and Sanitary Dairying in the Agricultural Experiment Station, to become effective August 1, 1912.

It was voted to accept the resignation of Professor Rickards.

**NEW PROFESSORSHIPS IN THE COLLEGE OF AGRICULTURE.**

(13) A recommendation from Dr. Eugene Davenport, Dean of the College of Agriculture, that the following new professorships be created in the College of Agriculture: (1) A professorship in landscape gardening or landscape art; (2) A professorship in animal pathology; (3) A professorship in dairy husbandry; also an associateship and an instructorship in the Department of Landscape Art.

This recommendation was approved.

**SETTLEMENT WITH COLLEGE OF PHYSICIANS AND SURGEONS.**

(14) A recommendation that the Finance Committee be authorized to settle up the outstanding accounts between the University of Illinois and the College of Physicians and Surgeons of Chicago, and turn over to the College any balance which may be due under the contract between the University and the College of Physicians and Surgeons upon the certificate of the University Counsel and the Comptroller that all accounts are in order and that adequate bonds have been given to protect the University against any possible claims growing out of its relations with the College of Physicians and Surgeons.

This recommendation was approved.

**REAPPROPRIATION OF BALANCES.**

(15) A recommendation that the balances to the credit of the different departments of the University on June 30, 1912, be reapportioned for the academic year 1912-13 to the purposes of the respective departments, subject to the approval of the President of the University.

This recommendation was approved.

**COMMISSIONS ON JEWISH-AMERICAN AND GERMAN-AMERICAN HISTORY AND CULTURE.**

(16) A recommendation that the President of the University be authorized to appoint a commission upon Jewish-American History and Culture; the object of this commission, which may consist of people not otherwise connected with the University as well as members of the staff of the University, to be to devise ways and means of increasing the collections of the University bearing upon the subject of Jewish-American History and Culture, and to promote in general the University and public interest in this subject.

(17) A recommendation that the President of the University be authorized to appoint a commission upon German-American History and Culture; the character and purpose of this commission to be similar to that of the commission on Jewish-American History and Culture.

The foregoing recommendations were approved.

**CONSOLIDATION OF THE COLLEGES OF LITERATURE AND ARTS AND SCIENCE.**

(18) A recommendation from the University Senate, under date of June 8, 1912, that the College of Literature and Arts and the College of Science be consolidated into one college of liberal arts and sciences; accompanied by the following historical statement:

The present organization of the College of Literature and Arts and Science in the University of Illinois is unusual. There are some advantages in the present form of organization. There are also some distinct disadvantages. The most serious disadvantages perhaps are those affecting the welfare of students. The two colleges have gradually expanded by increasing their so-called privileges of election, the College of Literature and Arts in the direction of science, and the College of Science in the direction of literature and arts, until they duplicate to a considerable extent each other's fields, without really giving the flexibility in the choice of subjects which would be the result of the union of the two colleges.

The College of Literature and Arts voted unanimously some years ago for such a consolidation. At that time the College of Science was evenly divided in its opinion. The question has come up again and again, now from the student side, now from the side of departmental efficiency, and during the last year, after a full discussion extending over several months, from before Christmas until near commencement, the various academic bodies took action as follows: The Council of Administration, on April 2, 1912, recommended the consolidation of the two faculties by a unanimous vote, except that one member requested permission not to vote; the College of Literature and Arts voted unanimously in favor of the union; the College of Science was again almost evenly divided in its opinion, sixteen votes being cast for and seventeen against the project; the Senate voted unanimously for the union.

It was voted to approve this recommendation of the Senate, and to authorize the President of the University to effect a consolidation of the Colleges of Literature and Arts and Science as soon as may be practicable.

**APPROPRIATION FOR ILLINOIS STUDENTS' HANDBOOK.**

(19) A request from Mr. W. A. McKnight, General Secretary of the Young Men's Christian Association of the University of Illinois, for an appropriation of two hundred fifty dollars toward the publication of the Illinois Students' Handbook; this book is prepared and mailed each year to the prospective students, and is sent out, for the most part during the month of August, to persons who have applied for registration blanks; the book contains information concerning the University and student life of great value to new students; thirty-five hundred books will be distributed this year at a cost of approximately five hundred dollars.

It was voted to grant this request, and to make the appropriation of two hundred fifty dollars (\$250) involved.

**POST-DOCTORATE FELLOWSHIP FOR STUDY ABROAD.**

(20) A recommendation from Dr. David Kinley, Dean of the Graduate School, that Miss Margaret L. Bailey be awarded a post-doctorate fellowship for the purpose of study abroad during the coming academic year; the stipendium to be six hundred dollars (\$600); two hundred dollars (\$200) additional, or so much thereof as may be necessary, to be allowed for expenses; these amounts to be charged to the Graduate School fund.

This recommendation was approved.

**ALUMNI RECORD.**

(21) A recommendation that an appropriation of five thousand dollars (\$5,000) be made to cover the expense of printing and publishing the new edition of the Alumni Record, authorized by the Board of Trustees on July 8, 1911 (Report, 1912, p. 436), and that the purchasing agent be authorized to make a contract for the said printing and publishing.

The work of preparing this volume has been done under the direction of Mr. J. H. Kelley, Executive Clerk in the President's Office, with the aid of the staff of that office, and the copy will now shortly be ready to transmit to the printer. The volume will be sold to the alumni and others at the price of one dollar and a half. More than fifteen hundred subscriptions at this price have already been received. The volume will run to one thousand pages more or less.

It was voted to approve this recommendation and to make the appropriation of five thousand dollars (\$5,000) requested.

**REAPPOINTMENT OF DEAN FAWCETT.**

(22) A recommendation that Mrs. Mary Fawcett be elected Acting Dean of Women for a period of one year from July 1, 1912, at a salary of two thousand dollars for the year.

This recommendation was approved.



**AUTHORITY FOR REAPPOINTMENTS AND THE FILLING OF VACANCIES.**

(23) The following recommendations with reference to the budget for 1912-13:  
 (a) That the budget of the year 1911-12 be adopted as the basis of the budget for the fiscal year beginning July 1, 1912, subject to the approval of the President of the University.

(b) That the President of the University be authorized to reappoint for the year 1912-13, at the same salaries, persons in the employ of the University whose terms have expired.

(c) 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 such vacancies in the staff of the University, within the budget allowances, as may occur during the vacation because of resignation or declination.

The foregoing recommendations were approved.

**THE BUDGET FOR 1912-1913.**

(24) The budget for 1912-13, including the following recommendations:

**ADMINISTRATIVE APPOINTMENTS.**

(a) Recommendations in regard to the appointment of administrative officers; all these appointments being for one year beginning September 1, 1912, except as otherwise noted.

David Kinley, Dean of the Graduate School, and Director of the Courses in Commerce.

Eugene Davenport, Dean of the College of Agriculture, and Director of the Agricultural Experiment Station.

Oliver Albert Harker, Dean of the College of Law.

Thomas Arkle Clark, Dean of Men.

Edgar Jerome Townsend, Dean of the College of Science (subject to the possible appointment of a dean of the combined Colleges of Literature and Arts and Science.)

Evarts Boutell Greene, Dean of the College of Literature and Arts (subject to the possible appointment of a dean of the combined Colleges of Literature and Arts and Science.)

William Freeman Myrick Goss, Dean of the College of Engineering, Director of the School of Railway Engineering and Administration, and Director of the Engineering Experiment Station.

Charles Henry Mills, Director of the School of Music.

William Chandler Bagley, Director of the School of Education.

Phineas Lawrence Windsor, Director of the Library School, and University Librarian.

Stephen Alfred Forbes, Director of the State Laboratory of Natural History.

Edward Bartow, Director of the State Water Survey.

George Henry Meyer, Assistant Dean of the College of Literature and Arts.

Fred Henry Rankin, Assistant to the Dean of the College of Agriculture.

Arthur Ray Warnock, Assistant Dean of Men.

Nathan Austin Weston, Assistant Director of the Courses in Commerce.

Cyril George Hopkins, Vice-Director of the Agricultural Experiment Station.

Horace Adelbert Hollister, High School Visitor.

Arthur Stanley Pease, Curator of the Museum of Classical Art and Archaeology.

Neil Conwell Brooks, Curator of the Museum of European Culture.

Frank Smith, Curator of the Museum of Natural History.

George A. Huff, Director of the Department of Physical Training for Men.

Gertrude Evelyn Moulton, Director of the Department of Physical Training for Women.

Benjamin Clark Morse, Military Commandant.

William Baker Day, Acting Dean, Secretary, and Actuary of the School of Pharmacy.

Isabel Bevier, Director of the Courses in Household Science.

James McLaren White, Supervising Architect.

Joseph Albert Morrow, Superintendent of Buildings.

Charles Evelyn Atkinson, Superintendent of Grounds.

**NEW APPOINTMENTS AND PROMOTIONS.**

(b) The following recommendations in regard to new appointments and promotions in the instructional and scientific staff:

Lewis F. Anderson, Assistant Professor of Education, for three years, beginning September 1, 1912, at a salary of twenty-five hundred dollars (\$2,500) per annum.

Franklin W. Scott, Assistant Professor of English and Secretary of the Department of English, for three years, beginning September 1, 1912, at a salary of twenty-two hundred dollars (\$2,200) per annum.

Harrie S. V. Jones, Assistant Professor of English, for three years, beginning September 1, 1912, at a salary of eighteen hundred dollars (\$1,800) per annum.

Otto E. Lessing, Associate Professor of German, for three years, beginning September 1, 1912, at a salary of twenty-eight hundred dollars (\$2,800) per annum.

Lawrence Marcellus Larson, Associate Professor of History, at a salary of twenty-six hundred dollars (\$2,600) per annum, beginning September 1, 1912.

Ernest Ludlow Bogart, Professor of Economics, beginning September 1, 1912, at a salary of three thousand dollars (\$3,000) per annum.

Otto Rahn, Assistant Professor of Bacteriology, for one year, beginning September 1, 1912, at a salary of two thousand dollars (\$2,000) for the year.

Clarence W. Balke, Assistant Professor of Chemistry, for three years, beginning September 1, 1912, at a salary of twenty-two hundred dollars (\$2,200) per annum.

Edward W. Washburn, Assistant Professor of Chemistry, for three years, beginning September 1, 1912, at a salary of twenty-two hundred dollars (\$2,200) per annum.

Henry C. P. Weber, Associate in Chemistry, for two years, beginning September 1, 1912, at a salary of eighteen hundred dollars (\$1,800) per annum.

James B. Shaw, Assistant Professor of Mathematics, for three years, beginning September 1, 1912, at a salary of twenty-two hundred fifty dollars (\$2,250) per annum.

J. Howard Beard, Instructor in Physiology, for one year, beginning September 1, 1912, at a salary of twelve hundred dollars (\$1,200) for the year.

Charles W. Malcolm, Assistant Professor of Structural Engineering, beginning September 1, 1912, at a salary of eighteen hundred dollars (\$1,800) per annum.

Francis C. Lincoln, Assistant Professor of Mining Engineering, for three years, beginning September 1, 1912, at a salary of two thousand dollars (\$2,000) per annum.

John Dettelson, Assistant Professor of Genetics in the College of Agriculture, and Assistant Chief in Genetics in the Agricultural Experiment Station, for three years, beginning September 1, 1912 (or as soon thereafter as he may report for service), at a salary of two thousand dollars (\$2,000) per annum.

Walter Edward Joseph, Instructor in Animal Husbandry in the College of Agriculture, and Assistant in Animal Husbandry in the Agricultural Experiment Station, for one year, beginning September 1, 1912, at a salary of fifteen hundred dollars (\$1,500) for the year.

Virgil Augustus Place, Assistant in Animal Husbandry in the College of Agriculture, and in the Agricultural Experiment Station, for one year, beginning September 1, 1912, at a salary of one thousand dollars (\$1,000) for the year.

Horatio Newton Parker, Instructor in Municipal and Sanitary Dairying in the College of Agriculture, and First Assistant in Municipal and Sanitary Dairying in the Agricultural Experiment Station, for one year, beginning September 1, 1912, at a salary of twenty-four hundred dollars (\$2,400) for the year.

J. P. Pillsbury, Assistant Professor of Landscape Gardening, for one year, beginning September 1, 1912, at a salary of twenty-seven hundred fifty dollars (\$2,750) for the year.

B. S. Pickett, Assistant Professor of Pomology in the College of Agriculture, and Assistant Chief in Pomology in the Agricultural Experiment Station, for three years, beginning September 1, 1912, at a salary of three thousand dollars (\$3,000) per annum.

J. J. Gardner, Instructor in Pomology in the College of Agriculture, and Assistant in Pomology in the Agricultural Experiment Station, for one year, beginning September 1, 1912, at a salary of twelve hundred dollars (\$1,200) for the year.

Edson W. Morphy, Instructor in the School of Music, for one year, beginning September 1, 1912, at a salary of twelve hundred dollars (\$1,200) for the year.

Margaret Bradshaw, Instructor in Physical Training for Women, for one year, beginning September 1, 1912, at a salary of nine hundred dollars (\$900) for the year.

Edward Harris Decker, Professor of Law, at a salary of three thousand dollars (\$3,000) per annum, beginning September 1, 1912.

William Green Hale, Professor of Law, at a salary of three thousand dollars (\$3,000) per annum, beginning September 1, 1912.

Pietro Stoppani, Lecturer in the Library School, and General Assistant in the Library, for one year, beginning September 1, 1912 (or as soon thereafter as he may report for service), at a salary of one thousand dollars (\$1,000) for the year.

#### REAPPOINTMENTS AND INCREASES IN SALARIES.

(c) The following recommendations in regard to reappointments, increases in salary, and appropriations for departmental expenses; the appointments dating in every case from September 1, 1912, unless otherwise explicitly stated, and running for the period noted in each case; appointments of professorial rank opposite which no period of tenure is indicated are on indefinite tenure.

#### ADMINISTRATIVE OFFICES.

##### Office of the President.

##### A. APPOINTMENTS AND SALARIES.

_____, Private Secretary, vice B. E. Powell (12 months)	\$2,300 00
James H. Kelley, Executive Clerk (12 months)	2,000 00
Jessie A. Smith, Clerk and Stenographer (12 months)	1,200 00
Albert R. Lee, Clerk (12 months)	1,100 00
Anna L. Shepard, Stenographer (12 months)	1,100 00
B. INCIDENTALS	2,000 00

**Office of the Comptroller.****A. APPOINTMENTS AND SALARIES.**

Oren E. Staples, Chief Clerk (12 months).....	\$1,800 00
Nathaniel Hay, Purchasing Agent (12 months).....	2,000 00
Marsh E. Thompson, First Assistant Clerk and Stenographer (12 months) .....	1,020 00
Lloyd Morey, Bookkeeper (12 months).....	1,020 00
Alfred Steitz, Clerk to the Purchasing Agent (12 months).. Stenographer and Clerk (12 months).....	900 00
Maude Meneley, Stenographer and Clerk (12 months).....	720 00
	600 00

**B. EXPENSES.****a. General Business Office.**

Stationery and printing .....	350 00
Postage .....	450 00
Incidentals .....	100 00

**b. Purchasing Agent's Office.**

Office estimates .....	2,370 00
------------------------	----------

**\$3,270 00****Office of the Registrar.****A. APPOINTMENTS AND SALARIES.**

Charles M. McConnell, Registrar and Secretary (12 months from July 1, 1912).....	2,800 00
Harrison E. Cunningham, Assistant Registrar (12 months).. Levi A. Boice, Recorder (12 months).....	1,800 00
Ira M. Smith, Chief Clerk (12 months).....	1,500 00
George F. Tuttle, General Assistant (12 months).....	1,300 00
Tabitha J. Broadhurst, Record Clerk (12 months).....	1,100 00
Adelle C. Smith, Stenographer (12 months).....	900 00
Gertrude Johnson, Stenographer (12 months).....	720 00
_____, Filing Clerk (12 months).....	660 00
	540 00

**4,220 00****B. EXPENSES**

(Estimated distribution of expenses as follows: Postage,  
\$800; printing, \$1,500; duplicating, \$75; office supplies,  
\$450; telegraph and telephone, \$45; express and freight,  
\$50; labor, \$1,300; total, \$4,220.)

**Office of the Dean of Men.****A. APPOINTMENTS AND SALARIES.**

Arthur R. Warnock, Assistant Dean (1 year).....	1,500 00
Elmer E. Fiero, Clerk (12 months).....	540 00
Olive F. Saxton, Stenographer (12 months).....	1,000 00

**B. INCIDENTAL EXPENSES****3,000 00****Office of the Acting Dean of Women.****A. SALARY.**

_____, Stenographer, vice Irene Miche (12 months).. B. INCIDENTALS .....	600 00
---	--------

**500 00****Office of the High School Visitor.****A. APPOINTMENTS AND SALARIES.**

Horace A. Hollister (Assistant Professor), High School Visitor (1 year) .....	2,750 00
Winifred L. Amos, Stenographer (12 months) .....	780 00

**B. EXPENSES.**

Expenses, traveling and office, of the High School Visitor (including assistance from special departments) .....	1,400 00
Expenses of High School Conference .....	1,500 00

**\$2,900 00****Office of the Supervising Architect.****A. APPOINTMENTS AND SALARIES.**

James M. White, Supervising Architect (1 year).....	1,000 00
---	----------

**B. INCIDENTALS****1,800 00****Superintendent of Buildings.**

Joseph A. Morrow, Superintendent (1 year) .....	2,000 00
---	----------

**Superintendent of Grounds.**

Evelyn Atkinson, Superintendent (1 year) .....	1,700 00
--	----------

**COLLEGE OF LITERATURE AND ARTS.****Office of the Dean.****A. APPOINTMENTS AND SALARIES.**

Mabel F. Griffith, Record Clerk (12 months) .....	\$ 720 00
Rose E. Ryan, Stenographer (12 months) .....	600 00

**Art and Design.**

Isabel Jones, Instructor (10 months).....	\$1,100 00
Mary M. Wetmore, Instructor (10 months) .....	1,250 00
Charles F. Kelley, Instructor (10 months) .....	1,300 00

**Classics.**

Herbert J. Barton (Professor of the Latin Language and Literature), Chairman of the Department (1 year).....	3,000 00
--	----------

**Education.**

W. S. Miller, Assistant, and Secretary of the School of Education (12 months) .....	1,500 00
---	----------

**English.**

Thatcher H. Guild, Associate (2 years from September 1, 1912) .....	1,500 00
Jacob Zeitlin, Associate (2 years from September 1, 1912) ..	1,500 00
Victor A. Ketcham, Instructor (Public Speaking) (10 months)	1,500 00
Martha J. Kyle, Instructor (10 months) .....	1,200 00
Herbert L. Creek, Instructor (10 months) .....	1,200 00
Clarence V. Boyer, Instructor (10 months) .....	1,200 00
Gertrude Schoepperle, Instructor (10 months) .....	1,000 00
Emory N. Ferris, Instructor (10 months) .....	1,000 00
Arthur J. Tiede, Instructor (10 months) .....	1,050 00
_____, Instructor, vice F. A. Patterson (10 months) ..	1,100 00
Sada A. Harbarger, Assistant (10 months) .....	900 00
Vida L. Collins, Assistant (10 months) .....	900 00
Ruth Kelso, Assistant (10 months) .....	800 00
Lora A. Henlon, Assistant, on half time (10 months) .....	400 00
Melvin A. Hollinshead, Assistant, on half time (10 months)	400 00
Alta Gwinn, Assistant (10 months) .....	800 00
Walter A. Buchen, Assistant (10 months) .....	1,100 00
Marion C. Landee, Assistant, on half time (10 months) .....	450 00
Allan Nevins, Assistant (10 months) .....	800 00
Frank E. Hill, Assistant, on half time (10 months) .....	400 00
_____, Assistant, vice G. C. Merry (10 months) .....	800 00

**German.**

Julius Goebel, Professor (2 years from September 1, 1912) ..	3,250 00
Daisy L. Blaisdell, Instructor (10 months) .....	1,000 00
Charles M. Poor, Instructor (10 months) .....	1,300 00
Charles A. Williams, Instructor (10 months) .....	1,200 00
Leonard Bloomfield, Instructor (10 months) .....	1,200 00
Armin H. Koller, Instructor (10 months) .....	1,000 00
Philip Barto, Assistant (10 months) .....	1,000 00
Felix E. Held, Assistant, on half time (10 months) .....	500 00

**History.**

Arthur C. Cole, Instructor (10 months) .....	1,300 00
Elizabeth P. Brush, Assistant (10 months) .....	800 00

**Philosophy.**

Queen L. Shepherd, Assistant (10 months) .....	800 00
--	--------

**Psychology.**

_____, Assistant Professor, vice G. F. Arps.....	2,000 00
_____, Instructor, vice W. S. Miller (10 months) ....	1,000 00
_____, Assistant (10 months) .....	650 00

**Romance Languages.**

David H. Carnahan, (Associate Professor), Chairman of the Department (1 year) .....	2,500 00
David S. Blondheim, Associate (2 years from September 1, 1912) .....	1,400 00
Florence N. Jones, Instructor (10 months) .....	1,100 00
William S. Hendrix, Assistant (10 months) .....	850 00
Ingebrigt L. Lillihel, Assistant (10 months) .....	900 00
Jay K. Ditchy, Assistant (10 months) .....	800 00

**Sociology.**

Arthur J. Todd, Associate (2 years from September 1, 1912)	1,250 00
<b>B. EQUIPMENT AND SUNDRIES.</b>	
<i>a. College.</i>	
General expenses and minor departments .....	800 00
<i>b. Departmental appropriations.</i>	
I. Art and Design.	
Sundries .....	500 00
II. Classics.	
Sundries .....	100 00
III. Germanic Languages.	
Sundries .....	200 00

IV. Romance Languages.	
Sundries .....	\$100 00
V. English.	
(1) Departmental sundries (including salary of a clerk) .....	900 00
(2) For publishing bulletin of Ill. Assoc. of Teachers of English .....	250 00
(3) Debating and oratory .....	400 00
VI. History.	
Sundries .....	150 00
VII. Political Science.	
Sundries .....	50 00
VIII. Sociology.	
Sundries .....	50 00
IX. Philosophy.	
Sundries .....	100 00
X. Psychology.	
Sundries .....	500 00
Total .....	\$4,100 00
c. Expenses, School of Education.	
Salary of stenographer .....	600 00
Extra clerical service .....	100 00
Office supplies .....	150 00
Public lectures .....	600 00
Bulletins .....	500 00
Research work .....	300 00
Total .....	\$2,250 00

**Courses in Commerce.**

A. APPOINTMENTS AND SALARIES.	
John C. Duncan, Assistant Professor of Accountancy .....	2,750 00
Simon Litman, Assistant Professor of Economics .....	2,200 00
John G. Thompson, Instructor (10 months) .....	1,600 00
Oscar R. Martin, Assistant (10 months) .....	1,100 00
George W. Dowrie, Assistant (10 months) .....	900 00
Charles M. Thompson, Assistant (10 months) .....	900 00
Instructor in Commercial Law (new; 10 months) .....	400 00
Elizabeth Pfeffer, Stenographer (12 months from July 1, 1912) .....	600 00
B. EXPENSES.	
Library .....	1,200 00
Printing .....	250 00
Postage .....	150 00
Sundries .....	1,200 00
Total .....	\$2,800 00

NOTE.—The balance of the legislative appropriation for social and political science (Courses in Business Administration) not assigned to salaries is appropriated for the general expenses of the work.

**COLLEGE OF SCIENCE.****Office of the Dean.**

A. APPOINTMENTS AND SALARIES.	
Agnes McGurty, Clerk and Stenographer (12 months*) .....	\$1,000 00
Stenographic assistance .....	300 00
B. EXPENSE.	
Incidentals .....	400 00

**Astronomy.**

A. APPOINTMENTS AND SALARIES.	
Frank W. Reed, Instructor (10 months) .....	1,400 00
Student assistance .....	100 00
B. EXPENSE.	
Equipment and incidentals .....	500 00

**Bacteriology.**

A. APPOINTMENTS AND SALARIES.	
Clyde R. Newell, Assistant (10 months) .....	850 00

NOTE.—The appropriation for equipment and materials for Bacteriology is included under Botany.

**Botany.**

A. APPOINTMENTS AND SALARIES.	
Warder C. Allee, Instructor (10 months) .....	\$1,200 00
Stella M. Hague, Assistant (10 months) .....	800 00

\* Subject to a possible readjustment in connection with the combination of the Colleges of Literature and Arts and Science, as a result of which this position may cease to exist.

John H. Whitten, Assistant (10 months) .....	\$ 600 00
Rosalie M. Parr, Assistant (10 months) .....	800 00
Reed O. Brigham, Assistant (10 months) .....	600 00
_____, Assistant (new; 10 months) .....	600 00
_____, Assistant, vice Mabel A. Knight (10 months) .....	300 00
_____, Graduate Assistant (new; 10 months) .....	300 00
_____, Graduate Assistant (new; 10 months) .....	300 00
_____, Laboratory Helper (12 months) .....	600 00

**B. EXPENSE.**

Equipment and incidentals .....	1,500 00
Laboratory material (student fees, estimated) .....	1,500 00
Herbarium .....	400 00
<b>Total</b> .....	<b>\$3,400 00</b>

**Chemistry.****A. APPOINTMENTS AND SALARIES.**

George M. Smith, Associate (until August 31, 1913) .....	1,600 00
Clarence G. Derick, Associate (until August 31, 1913) .....	1,700 00
Richard H. Jesse, Jr., Associate (2 years from September 1, 1912) .....	1,300 00
_____, Associate, vice P. B. Hawk .....	1,500 00
Ellen S. McCarthy, Instructor, (10 months) .....	1,200 00
Duncan A. MacInnes, Instructor (10 months) .....	1,200 00
George D. Beal, Instructor (10 months) .....	1,200 00
Earl K. Strachan, Instructor (10 months) .....	1,000 00
Lambert Thorp, Instructor (10 months) .....	1,000 00
B. Smith Hopkins, Instructor (10 months) .....	1,200 00
_____, Instructor, vice P. E. Howe (10 months) .....	1,000 00
_____, Instructor (new; 10 months) .....	1,000 00
Ralph S. Potter, Research Assistant (10 months) .....	500 00
Harper F. Zoller, Lecture Assistant (10 months) .....	300 00
Oliver Kamm, Assistant (10 months) .....	600 00
Earl B. Millard, Assistant (10 months) .....	600 00
James E. Bell, Assistant (10 months) .....	600 00
George W. Sears, Assistant (10 months) .....	600 00
Charles K. Hewes, Assistant (10 months) .....	500 00
_____, Assistant, vice M. L. Hartman (10 months) .....	600 00
Henry L. Huenink, Assistant (10 months) .....	500 00
Hubert L. Olin, Assistant (10 months) .....	500 00
John W. Read, Assistant (10 months) .....	500 00
_____, Assistant, vice C. J. Baker (10 months) .....	600 00
_____, Assistant, vice C. H. Cressy (10 months) .....	600 00
_____, Assistant in Glass Blowing (new; 10 months) .....	720 00
Albert W. Owens, Graduate Assistant (10 months) .....	300 00
Paul S. Woodward, Graduate Assistant (10 months) .....	350 00
Thomas E. Laying, Graduate Assistant (10 months) .....	300 00
Roland N. Miller, Graduate Assistant (10 months) .....	350 00
Raymond W. Hess, Graduate Assistant (10 months) .....	300 00
Gerritt J. VanZoeren, Graduate Assistant (10 months) .....	300 00
Chester H. Allen, Graduate Assistant (10 months) .....	300 00
Edgar W. Engle, Graduate Assistant (10 months) .....	300 00
Laurence F. Foster, Graduate Assistant (10 months) .....	350 00
Karl A. Clark, Graduate Assistant (10 months) .....	300 00
Ernest A. Wildman, Graduate Assistant (10 months) .....	300 00
Homer A. Webb, Graduate Assistant (10 months) .....	300 00
_____, Graduate Assistant, vice L. T. Fairhall (10 months) .....	300 00
_____, Graduate Assistant (new; 10 months) .....	300 00
Raymond S. Dunham, Student Assistant (10 months) .....	100 00
Anton Prasil, Student Assistant (10 months) .....	100 00
Edward A. Glenz, Student Assistant (10 months) .....	100 00
Scott Taylor, Student Assistant (10 months) .....	100 00
Carl W. Sievert, Student Assistant (10 months) .....	100 00
Howard D. Valentine, Student Assistant (10 months) .....	100 00
_____, Student Assistant (10 months) .....	100 00
Alexander Cohn, Student Assistant (10 months) .....	100 00
Eugene H. Leslie, Student Assistant (10 months) .....	100 00
Warren R. Schoonover, Student Assistant (10 months) .....	100 00
Carl F. Miller, Clerk (12 months) .....	900 00
Mayme L. Smith, Stenographer (12 months) .....	780 00
Josephine Tyrrell, Stenographer (12 months) .....	780 00
A. H. Hull, Assistant Custodian (12 months) .....	780 00
C. C. Crawford, Storekeeper (12 months) .....	720 00
_____, Assistant Storekeeper (10 months) .....	660 00
C. E. Dalton, Laboratory Helper (12 months) .....	540 00

**B. EXPENSE.**

Equipment, material, furniture, etc. ....	10,000 00
Laboratory materials (student fees, estimated) .....	15,000 00
<b>Total</b> .....	<b>\$25,000 00</b>

**Entomology.****A. APPOINTMENTS AND SALARIES.**

Alvah Peterson, Assistant (10 months).....	\$ 600 00
, Assistant (10 months).....	600 00
, Graduate Assistant (10 months).....	250 00

**B. EXPENSE.**

Equipment and incidentals .....	1,151 00
Laboratory materials (student fees, estimated).....	300 00
Total .....	\$1,451 00

**Geology.****A. APPOINTMENTS AND SALARIES.**

John L. Rich, Instructor (10 months).....	1,500 00
Walter E. Ekblaw, Assistant (10 months).....	600 00
Frank L. Fleener, Assistant (10 months).....	400 00
Geo. W. Keltkamp, Assistant (10 months).....	400 00
David G. Thompson, Assistant (10 months).....	400 00
Student assistance .....	300 00

**B. EXPENSE.**

Equipment and incidentals .....	1,000 00
---------------------------------	----------

**Mathematics.****A. APPOINTMENTS AND SALARIES.**

Arthur Crathorne, Associate (2 years from September 1, 1912) .....	1,700 00
Ernest B. Lytle, Associate (2 years from September 1, 1912) .....	1,600 00
Aubrey J. Kempner, Instructor (10 months).....	1,300 00
William W. Denton, Instructor (10 months).....	1,200 00
Ellis B. Stouffer, Instructor (10 months).....	1,300 00
R. M. Winger, Instructor (10 months).....	1,200 00
Edward W. Chittenden, Instructor (10 months).....	1,200 00
George E. Carscallen, Assistant (10 months).....	750 00
Arthur Kiernan, Assistant (10 months).....	600 00
Ward H. Taylor, Assistant (10 months).....	600 00
Sidney A. Rowland, Assistant (10 months).....	600 00
Clarence M. Hebbert, Assistant (10 months).....	600 00
George Rutledge, Research Assistant (10 months).....	600 00

**B. EXPENSE.**

Incidentals .....	150 00
Subsidy to American Mathematical Monthly.....	50 00
Total .....	\$ 200 00

**Physiology.****A. APPOINTMENTS AND SALARIES.**

Otis O. Stanley, Instructor, on half time (10 months).....	700 00
Student assistance .....	600 00

**B. EXPENSE.**

Equipment and incidentals .....	1,000 00
Laboratory materials (student fees, estimated).....	300 00
Total .....	\$1,300 00

**Zoölogy.****A. APPOINTMENTS AND SALARIES.**

Charles C. Adams, Associate (2 years from September 1, 1912) .....	1,650 00
, Research Assistant, vice M. Kemper (10 months) .....	600 00
, Assistant, vice W. W. Cort (10 months).....	600 00
John E. Gutberlet, Assistant (10 months).....	600 00
Harley J. VanCleave, Assistant (10 months).....	600 00
Bessie R. Green, Assistant (10 months).....	600 00
Margaret Taggart, Graduate Assistant (10 months).....	300 00
Horace Stunkard, Graduate Assistant (10 months).....	300 00
Panzy Barger, Graduate Assistant (10 months).....	300 00
, Graduate Assistant (new; 10 months).....	300 00
Student assistance .....	850 00
Stenographic assistance .....	400 00
, Custodian .....	600 00

**B. EXPENSE.**

Equipment, apparatus, and furniture.....	2,500 00
Laboratory materials (student fees, estimated).....	1,000 00
Total .....	\$3,500 00

**Natural History Museum.**

Rearranging and remodeling material on hand, relabeling and cataloging new material, and incidentals.....	1,000 00
---	----------

**Ceramics.****A. APPOINTMENTS AND SALARIES.**

Ray T. Stull, Associate (until August 31, 1913).....	\$ 2,400 00
Ralph K. Hursh, Assistant (10 months).....	1,000 00
_____, Research Assistant (10 months).....	500 00
_____, Research Assistant (10 months).....	500 00
_____, Research Assistant (10 months).....	500 00

**B. EXPENSE.**

Construction and equipment of new laboratory.....	21,000 00
Machinery and other apparatus.....	3,500 00
Cost of investigations, clay testing, cooperation with the State Geological Survey and the Illinois Clay Manufac- turers' Association .....	2,400 00
Printing .....	200 00
Total .....	\$27,100 00

**COLLEGE OF ENGINEERING.****Office of the Dean.****A. APPOINTMENTS AND SALARIES.**

_____, Assistant Dean, vice W. T. Bawden (1 year)	\$1,000 00
L. Mae Manspeaker, Clerk of the College (12 months)....	1,000 00
Stella Lund, Clerk (12 months).....	660 00
Sara M. Slater, Stenographer (12 months).....	660 00
Myrtle E. Heater, Stenographer (12 months).....	660 00

**Architecture.**

Charles R. Clark, Associate in Architectural Construction (1 year) .....	2,000 00
Robert T. Jones, Instructor in Architecture (10 months)...	1,400 00
Lee Wallace, Instructor in Architecture (10 months).....	1,200 00
Sidney F. Kimball, Instructor in Architecture (10 months)	1,200 00
Roy C. Jones, Instructor in Architecture (10 months)....	1,600 00
Joseph M. Kellogg, Instructor in Architectural Design (10 months) .....	1,400 00
Allen H. Kimball, Instructor in Architectural Design (10 months) .....	1,400 00
_____, Architectural Librarian (10 months).....	700 00

**Civil Engineering.**

Carroll C. Wiley, Instructor (10 months).....	1,500 00
John J. Richey, Instructor (10 months).....	1,500 00
Geo. W. Pickels, Instructor (10 months).....	1,300 00
Neal B. Garver, Instructor (10 months).....	1,500 00
William H. Rayner, Instructor (10 months).....	1,100 00
Raymond E. Davis, Instructor (10 months).....	1,000 00
_____, Clerk (10 months) .....	350 00

**Electrical Engineering.**

John M. Bryant, Assistant Professor (3 years from September 1, 1912) .....	2,200 00
Frank G. Willson, Instructor (10 months).....	1,600 00
Leonard V. James, Instructor (10 months).....	1,300 00
Harry G. Hake, Instructor (10 months).....	1,200 00
Ira W. Fisk, Instructor (10 months).....	1,200 00
Frank C. Loring, Instructor (10 months).....	1,200 00
Hubert M. Turner, Assistant (10 months).....	800 00
Dessie B. McAlister, Clerk (12 months).....	480 00

**General Engineering Drawing.**

Robert K. Steward, Instructor (10 months).....	1,300 00
Francis M. Porter, Instructor (10 months).....	1,300 00
Harold O. Rugg, Instructor (10 months).....	1,200 00
Harvey H. Jordan, Instructor (10 months).....	1,000 00
Walter S. Nelson, Half time Assistant (10 months).....	300 00

**Mechanical Engineering.**

David L. Scroggin, Instructor in Machine Shop (10 months)	1,200 00
Edgar T. Lanhan, Instructor in Forge Shop (10 months)...	1,050 00
Frederick Ellis, Instructor in Wood Shop (10 months)....	1,500 00
Harry F. Godeke, Instructor in M. E. Laboratory (10 months)	1,200 00
Robert E. Kennedy, Instructor in Foundry (10 months)...	1,100 00
John A. Dent, Instructor in M. E. (10 months).....	1,500 00
Archie S. Buyers, Instructor in M. E. (10 months).....	1,200 00
Herbert S. Eames, Instructor in M. E. (10 months).....	1,300 00
Edwin B. Flanigan, Assistant in M. E. (10 months).....	800 00
James M. Duncan, Assistant in Wood Shop (10 months)...	900 00
Peter J. Rebman, Assistant in Forge Shop (10 months)...	800 00
Gustav H. Radebaugh, Assistant in Machine Shop (10 months) .....	900 00



John A. Frisk, Assistant in M. E., and Mechanician in the M. E. Laboratory (12 months).....	\$1,100 00
William E. Alley, Mechanician in the M. E. Laboratory (12 months) .....	1,020 00
Lester C. Demlow, Toolroom Attendant, Wood Shop (12 months) .....	550 00
Miles Clements, Toolroom Attendant, Machine Shop (12 months) .....	550 00
Benj. F. Winchester, Toolroom attendant, M. E. Laboratory (10 months) .....	480 00
Irah B. Chandler, Clerk (12 months) .....	600 00
<b>Mining Engineering.</b>	
Herbert H. Lauer, Instructor (10 months) .....	1,500 00
Stephen O. Andros, Field Assistant in Cooperative Mining Work (12 months) .....	1,800 00
<b>Municipal and Sanitary Engineering, and Theoretical and Applied Mechanics.</b>	
Harvey E. Murdock, Associate in T. and A. M. (2 years from September 1, 1912) .....	1,600 00
Fred B. Seely, Instructor in T. and A. M. (10 months)....	1,400 00
Geo. B. Boomsliet, Instructor in T. and A. M. (10 months)	1,300 00
Clarence E. Noerenberg, Instructor in T. and A. M. (10 months) .....	1,400 00
Floyd H. Millard, Instructor in T. and A. M. (10 months)..	1,100 00
Harrison F. Gonnerman, Instructor in T. and A. M. (10 months) .....	1,200 00
Newton E. Ensign, Instructor in T. and A. M. (10 months)..	1,200 00
<b>Physics.</b>	
Floyd R. Watson, Assistant Professor .....	2,400 00
Elmer H. Williams, Associate (2 years from September 1, 1912) .....	1,500 00
John W. Hornbeak, Instructor (10 months) .....	1,000 00
Glenn A. Shook, Instructor (10 months) .....	1,000 00
Orrin H. Smith, Assistant (10 months) .....	950 00
Lloyd T. Jones, Assistant (10 months) .....	850 00
Oscar A. Randolph, Assistant (10 months) .....	800 00
William H. Bair, Assistant, on part time (10 months).....	500 00
Earle H. Warner, Assistant, on part time (10 months) ....	500 00
Student assistants .....	600 00
Earl T. Strong, Mechanician (12 months) .....	1,140 00
Henry T. Wyninger, Storekeeper (12 months) .....	630 00
<b>Railway Engineering.</b>	
Arthur F. Comstock, Instructor in Railway Civil Engineering (10 months) .....	1,800 00
....., Laboratory Mechanician (12 months) .....	960 00
NOTE.—Various positions are still to be filled in the salary list of the College of Engineering. The total amount authorized for salaries in the College of Engineering is \$168,850.	
<b>B. DISTRIBUTION OF INCOME AND EXPENSE.</b>	
<b>I. Income.</b>	
1. Special legislative appropriation for the maintenance and extension of the Engineering College and expenses of the Engineering Experiment Station .....	90,000 00
2. Legislative appropriation for materials for shop practice..	6,000 00
3. Special legislative appropriation for the maintenance and extension of the Department of Mining Engineering....	15,000 00
4. Special appropriation for cooperative work with the State Geological Survey and the U. S. Bureau of Mines.....	5,000 00
5. Receipts from fees.	
a. Student laboratory fees, estimated .....	\$7,335 00
b. For commercial testing and sales .....	4,665 00
Total .....	12,000 00
6. Additional equipment, Department of Mining Engineering (or so much thereof as may not have been already expended) .....	25,000 00
7. From general funds of the University .....	138,850 00
8. Engineering buildings and site (or so much thereof as may not have been expended) .....	200,000 00
Total .....	\$491,850 00
<b>II. Expense.</b>	
<b>1. Salaries.</b>	
a. From general fund .....	\$138,850 00
b. From special legislative appropriation of \$90,000 .....	30,000 00
Total .....	168,850 00

2. Materials for shop practice .....	\$ 6,000 00
3. Expenses of nine departments of the College of Engineering from the special fund of \$90,000 .....	25,000 00
4. Expenses for all the work of the Engineering Experiment Station, including research fellowships and salaries from the special legislative appropriation of \$90,000...	35,000 00
5. Expenses for the maintenance and extension of the Department of Mining Engineering .....	15,000 00
6. Expense of cooperative work with the State Geological Survey and the U. S. Bureau of Mines .....	5,000 00
7. Additional equipment, Department of Mining Engineering (or so much thereof as may not have been already expended) .....	25,000 00
8. Laboratories and incidental expenses.	
a. Student laboratory fees, estimated.....	\$7,335 00
b. For commercial testing and sales.....	4,665 00
Total .....	12,000 00
9. Engineering buildings and site (special appropriation, or so much thereof as may not have been expended).....	200,000 00
Total .....	\$491,850 00

## ENGINEERING EXPERIMENT STATION.

## A. SALARIES.

Elizabeth A. Swift, Assistant Editor (12 months) .....	\$ 1,500 00
Herbert F. Moore, Assistant Professor in Department of T. and A. M. (1 year) .....	2,500 00
Duff A. Abrams, Associate in Department of T. and A. M. (2 years from September 1, 1912) .....	1,600 00
David F. McFarland, First Assistant in Department of Chemistry (12 months) .....	1,800 00
Willis A. Slater, First Assistant in Department of T. and A. M. (12 months) .....	1,500 00
Tryge D. Yensen, Assistant in Department of Electrical Engineering (12 months) .....	1,200 00
John N. Vedder, Assistant in Department of Mechanical Engineering (12 months) .....	1,320 00
Alonzo P. Kratz, Assistant in Department of Mechanical Engineering (12 months) .....	1,200 00
Harold H. Dunn, Assistant in Department of Railway Engineering (12 months) .....	1,100 00
Hazel B. Van Skiver, Clerk (12 months) .....	780 00
E. Ethyl Bradley, Stenographer (12 months) .....	600 00
Research fellowships .....	5,000 00
B. EXPENSES .....	13,300 00

## COLLEGE OF AGRICULTURE AND AGRICULTURAL EXPERIMENT STATION.

## General.

Burt E. Powell, Editor of Agricultural Press Bulletins (12 months) .....	\$2,300 00
Henry L. Rietz, Statistician, Station.....	1,100 00
Bessie Packard, Student Record Keeper (12 months).....	900 00

## Agricultural Extension.

Francis M. Simpson, Assistant, College (12 months).....	1,200 00
Augusta D. Evans, Assistant, College (12 months).....	1,000 00

## Agronomy.

Ora S. Fisher, Associate in Soil Fertility, College and Station (2 years from September 1, 1912) .....	2,000 00
Clarence C. Logan, Associate in Soils Extension, Station (12 months) .....	1,800 00
Joseph P. Aumer, Associate in Chemistry, Station (12 months) .....	1,800 00
J. Boardman Park, Associate in Plant Breeding, Station (12 months) .....	1,800 00
Gertrude Niederman, Assistant in Chemistry, Station (12 months) .....	1,200 00
Ira W. Dickerson, Instructor in Farm Mechanics, College (10 months) .....	1,500 00
Karl J. T. Ekblaw, Instructor in Farm Mechanics, College (10 months) .....	1,500 00
Sidney V. Holt, Associate in Soil Physics, Station (12 months) .....	1,800 00
Harold W. Stewart, Associate in Soil Physics, College and Station (2 years from September 1, 1912).....	1,800 00

Henry C. Wheeler, Associate in Soil Physics, Station (12 months) .....	\$1,800 00
John E. Whitechurch, Associate in Soil Fertility, Station (12 months) .....	1,800 00
Ezekiel E. Hoskins, Associate in Soil Fertility, Station (12 months) .....	1,800 00
Ernest Van Alstine, Associate in Chemistry, Station (12 months) .....	1,800 00
Ward H. Sachs, First Assistant in Chemistry, Station (12 months) .....	1,500 00
Wilbur R. Leighty, Assistant in Chemistry, Station (12 months) .....	1,200 00
Forrest A. Fisher, Assistant in Soil Physics, Station (12 months) .....	1,000 00
Frank W. Garrett, Assistant in Soil Fertility, Station (12 months) .....	1,000 00
Walter B. Gernert, First Assistant in Plant Breeding, Station (12 months) .....	1,500 00
Perry E. Karraker, Assistant in Soil Physics, Station (12 months) .....	1,000 00
Chester O. Reed, Instructor in Farm Mechanics, College (10 months) .....	1,200 00
Frederick M. W. Wascher, Assistant in Soil Physics, Station (12 months) .....	1,000 00
Marvin E. Jahr, Instructor in Farm Mechanics, College (10 months) .....	1,200 00
Frederick C. Bauer, Instructor in Soil Fertility, College; and First Assistant in Soil Fertility, Station (12 months) .....	1,500 00
....., Assistant in Chemistry, Station (12 months) .....	1,000 00
Jan T. Flohil, Assistant in Chemistry, Station (12 months) .....	1,000 00
William L. Burlison, Associate in Crop Production, College and Station, on half time (12 months) .....	1,200 00
Albert L. Whiting, Instructor in Soil Biology, College; and First Assistant in Soil Biology, Station (12 months) .....	1,500 00
John Woodward, Assistant in Soil Physics, Station (12 months) .....	840 00
Robert W. Dickenson, Assistant in Soil Physics, Station (12 months) .....	840 00
Clifford E. Wheelock, Assistant in Soil Physics, Station (12 months) .....	840 00
Orr Allyn, Assistant in Crop Production, College and Station (12 months) .....	840 00

**Animal Husbandry.**

Louis D. Hall, Assistant Professor of Animal Husbandry, College; and Assistant Chief in Animal Husbandry, Station (3 years from September 1, 1912) .....	2,700 00
Arthur D. Emmett, Assistant Chief in Animal Nutrition, Station (12 months) .....	2,000 00
Henry P. Rusk, Associate in Cattle, College; and First Assistant in Cattle, Station (2 years from September 1, 1912) .....	2,100 00
Walter F. Handschin, Assistant in Animal Husbandry, College and Station (12 months) .....	1,800 00
Harold H. Mitchell, Assistant in Chemistry, Station (12 months) .....	1,500 00
William H. Smith, Instructor in Animal Husbandry, College; and Assistant in Animal Husbandry, Station (12 months) .....	1,300 00
Sleeter Bull, Instructor in Animal Nutrition, College; and Assistant in Animal Nutrition, Station (12 months) .....	1,400 00
John J. Yoke, Assistant in Animal Husbandry, College and Station (12 months) .....	1,000 00
Harold C. M. Case, Assistant in Animal Husbandry, College and Station, on half time (12 months) .....	500 00
Wilbur J. Carmichael, Assistant in Animal Husbandry, College and Station, on half time (12 months) .....	500 00
Leonora Perry, Editorial Assistant, Station (12 months) .....	950 00

**Botany.**

Gertrude Keech, Stenographer, on half time, Station (12 months) .....	360 00
---	--------

**Dairy Husbandry.**

Wilbur J. Fraser, Professor of Dairy Husbandry, College; and Chief in Dairy Husbandry, Station .....	3,500 00
Walter L. Gaines, Associate in Dairy Husbandry, Station (12 months) .....	1,800 00
Royden E. Brand, Associate in Dairy Husbandry, College and Station (2 years from September 1, 1912) .....	2,000 00
Wm. T. Crandall, Instructor in Milk Production, College; and Assistant in Milk Production, Station (12 months) .....	1,600 00
Jesse M. Barnhart, Assistant in Chemistry, Station (12 months) .....	1,600 00

Leroy Lang, Instructor in Dairy Manufactures, College; and Assistant in Dairy Manufactures, Station (12 months)...	\$1,600 00
Ray S. Hulce, Assistant in Milk Production, College and Station (12 months) .....	1,200 00
Oliver A. Keller, Assistant in Dairy Manufactures, College and Station (12 months) .....	1,000 00
H. A. Ruehe, Assistant in Dairy Manufactures, College and Station (12 months) .....	1,400 00
F. A. Pearson, Assistant in Dairy Husbandry, College (12 months) .....	900 00
C. K. Snelling, Assistant in Dairy Husbandry, College (12 months) .....	900 00

**Horticulture.**

Oscar S. Watkins, Associate in Chemistry, Station (12 months) .....	1,800 00
Warren A. Ruth, Assistant in Chemistry, Station (12 months) .....	1,500 00
Arno H. Nehrling, Instructor in Floriculture, College; and Assistant in Floriculture, Station (12 months) .....	1,500 00
Charles E. Durst, Instructor in Olericulture, College; and Assistant in Olericulture, Station (12 months) .....	1,500 00
Thomas Bregger, Assistant in Plant Breeding, Station (12 months) .....	1,200 00
Lawrence E. Foglesong, Assistant in Pomology, Station (12 months) .....	1,200 00
Joseph Gunderson, Assistant in Pomology, Station (12 months) .....	1,000 00
Geo. L. Peltier, Assistant in Pathology in Floriculture, Station (12 months) .....	1,000 00
S. James Bole, Instructor in Pomology, College; and Assistant in Plant Breeding, Station (12 months) .....	1,600 00
James Hutchlason, Assistant in Floriculture, Station (12 months) .....	1,200 00
Fred W. Muncie, Assistant in Floriculture, Station (12 months) .....	1,000 00

**Household Science.**

Isabel Bevier, Professor of Household Science; and Director of the Courses in Household Science (1 year) .....	3,000 00
Nellie E. Goldthwaite, Assistant Professor of Household Science (until August 31, 1914) .....	2,000 00
Harriet Rinaker, Instructor (12 months) .....	1,500 00
Cora E. Gray, Instructor (10 months) .....	1,100 00
Nina B. Crigler, Instructor (10 months) .....	1,200 00
_____, Instructor, vice Pauline Wurster (10 months) .....	900 00
Georgia Fleming, Assistant in Textiles (second semester, 1912-13) .....	500 00
_____, Assistant in Nutrition and Dietetics, on half time (10 months) .....	500 00
Grace Linder, Office Assistant (12 months) .....	900 00
Extra work—\$30 per week for time actually consumed in service, estimated .....	900 00

**SCHOOL OF MUSIC.****A. APPOINTMENTS AND SALARIES.**

Charles H. Mills, Director, and Professor of Music (both 1 year) .....	2,500 00
Constance Barlow-Smith, Instructor in Sight Singing and Ear Training; in charge of Public School Methods (10 months) .....	1,600 00
Henry J. Van den Berg, Instructor in Piano (10 months) ..	1,800 00
Albert A. Harding, Instructor in Band Instruments, and Director of the Band (10 months) .....	1,500 00
McElroy Johnston, Instructor in Voice (10 months) .....	1,700 00
Lois D. McCobb, Instructor in Voice (10 months) .....	900 00
Florence M. Kirkup, Instructor in Voice (10 months) .....	1,000 00
Edna Almeda Treat, Instructor in Piano (10 months) .....	900 00
_____, Instructor in Piano, vice Edward Royce (10 months) .....	1,000 00

**B. INCIDENTAL FUND** ..... 1,400 00**MILITARY DEPARTMENT.****A. APPOINTMENTS AND SALARIES.**

Maj. B. C. Morse, U.S.A., Commandant of Cadets (1 year) ..	\$576 00
Five Assistants in Military Science at \$100 each .....	500 00
First Sergeant Frederick W. Post, U.S.A. (retired), Armorer and Administrative Assistant (12 months) .....	900 00

**B. EXPENSE.**

1. Department .....	\$900 00
2. Overhauling, repairing, and cleaning of band instruments.....	250 00
Total .....	\$1,150 00

**DEPARTMENT OF PHYSICAL TRAINING FOR MEN.****A. SALARIES.**

Geo. A. Huff, Director (1 year) .....	\$3,000 00
H. L. Gill, Instructor in Track Athletics and Assistant Director of Athletics (10 months) .....	2,000 00
Leo G. Hana, Instructor in Gymnasium (10 months).....	1,700 00
G. B. Norris, Instructor in Swimming (10 months).....	700 00
R. N. Fargo, Assistant in Physical Training (10 months)...	500 00
Ralph Jones, Assistant in Physical Training (10 months)...	900 00
B. INCIDENTALS .....	1,200 00

**DEPARTMENT OF PHYSICAL TRAINING FOR WOMEN.****A. SALARIES.**

Gertrude E. Moulton, Director (1 year) .....	\$1,400 00
Mary Edith Williams, Instructor (10 months) .....	850 00
Verna Brooks, Assistant (10 months) .....	800 00
Marion C. Landee, Assistant, on half time (10 months).....	450 00
Rosa-Lee Gaut, Assistant (10 months) .....	350 00
Ruby Moore, Student Assistant (10 months) .....	200 00
B. EXPENSE .....	600 00

**GRADUATE SCHOOL.**

Scholarships and fellowships (already appropriated).....	\$20,000 00
Research work .....	5,000 00
Library equipment .....	3,000 00
Incidentals .....	1,000 00
Extra clerical help .....	200 00
M. P. Brown, Research Assistant (12 months) .....	600 00
Lida E. Voigt, Clerk and Stenographer (12 months) .....	1,000 00
Journal of English and Germanic Philology .....	750 00
Illinois Survey .....	2,500 00
University Studies .....	1,400 00
Assignment for unattached professorship .....	3,000 00
Total .....	\$38,450 00

**COLLEGE OF LAW.****A. APPOINTMENTS AND SALARIES.**

Chester C. Vernier (Professor), Secretary of the College (1 year) .....	\$3,500 00
John N. Pomeroy, Professor (until August 31, 1914).....	2,200 00
Stenographer .....	400 00
Clerk in the Practice Court .....	100 00
Custodians of the Law Library .....	600 00

**B. EXPENSE.**

Purchase of law books .....	4,000 00
Printing, postage, etc. ....	1,500 00
Total .....	\$5,500 00

**LIBRARY SCHOOL.****A. SALARIES.**

Phineas L. Windsor, Director of the Library School, and Librarian (1 year) .....	\$3,000 00
Assistant Director, vice A. S. Wilson (1 year) .....	2,000 00
Florence R. Curtis, Instructor (12 months) .....	1,200 00
Edna Lyman, Lecturer .....	250 00
Reviser, vice Mary H. Clark .....	225 00
B. INCIDENTALS .....	1,080 00

**C. SUMMER SESSION LIBRARY SCHOOL, 1913**

(For special lecturers in the Library School, see under Library.)

515 00

## LIBRARY.

## Department of Administration.

## A. SALARIES.

Phineas L. Windsor, Librarian—see under Library School.	
Francis K. W. Drury, Lecturer on Order Work in the Library School, and Assistant Librarian (1 year).....	\$2,000 00
Sabra Stevens, General Assistant (12 months).....	660 00
_____, General Assistant, vice Margaret Herdman (10 months).....	650 00
_____, Secretary and Stenographer, vice Julia E. Ware (12 months).....	720 00
Harriet L. Postelwait, Stenographer (12 months).....	600 00

## Order Department.

Mary H. Roberts, Order Assistant (12 months).....	840 00
Sloan D. Watkins, Order Assistant (12 months).....	720 00
Jacob Hodnefield, Lecturer on Exchanges in the Library School, and Exchange Assistant (12 months).....	1,200 00
Aurella Knapp, Order Assistant (Periodicals) (12 months).....	780 00
Nellie D. Robertson, Order Assistant (Gift) (12 months)....	660 00
Mrs. E. L. Ash, Stenographer and Bookkeeper (12 months).....	720 00
Chester Crain, Page (by the hour).....	360 00

## Loan Department.

Emma R. Jutton, Lecturer on Loan Department in the Library School, and Loan Librarian (12 months).....	1,200 00
Frances M. Feind, Loan Assistant (12 months).....	900 00
Sarah E. Bryan, Loan Assistant (12 months).....	780 00
Ina M. Brown, Loan Assistant (12 months).....	720 00
Viola Fraser, Loan Assistant (12 months).....	660 00
Bertram Smith, Shelf Assistant (12 months).....	840 00
Alva L. Prickett, Shelf Assistant (10 months).....	650 00
Student Shelf Assistants.....	1,280 00
_____, Sunday Assistant, vice Katherine Oaks.....	72 00

## Binding Department.

Josie B. Houchens, Binding Librarian (12 months).....	900 00
---	--------

## Catalog Department.

Philip S. Goulding, Lecturer on Cataloging in the Library School, and Catalog Librarian (12 months).....	1,600 00
Adah Patton, Lecturer on Classification and Subject Headings in the Library School, and Classifier (12 months)....	1,000 00
Ethel Bond, Catalog Assistant (12 months).....	840 00
Antoinette Goetz, Catalog Assistant (12 months).....	780 00
Edith Emigh, Catalog Assistant (12 months).....	780 00
Lilla Alexander, Catalog Assistant (10 months).....	600 00
Mary Torrance, Catalog Assistant (12 months).....	660 00
Fannie Dunlap, Catalog Assistant (12 months).....	660 00
Flora M. Case, Catalog Assistant (10 months).....	550 00
Mary Blackwell, Typist (12 months).....	600 00
_____, Typist (new) (10 months).....	500 00
Student Assistants.....	600 00

## Reference Department.

Frances Simpson, Assistant Professor of Library Economy in the Library School, and Reference Librarian—(paid from the Library School).	
Margaret Hutchins, Lecturer on General Reference in the Library School, and Reference Assistant (12 months)....	840 00
Alice Johnson, Lecturer on General Reference in the Library School, and Reference Assistant (12 months).....	840 00

## Departmental Libraries.

_____, Lecturer on Departmental Library Problems in the Library School, and Departmental Library Assistant in Classics, vice Nellie C. Geddes (12 months).....	900 00
John B. Kaiser, Lecturer on Departmental Library Problems in the Library School, and Departmental Library Assistant in Economics (12 months).....	1,200 00
Ola M. Wyeth, Lecturer on Departmental Library Problems in the Library School, and Departmental Library Assistant in German and Romance Languages (12 months)...	900 00
Florence R. Curtis, Instructor in Library Economy in the Library School, and Departmental Library Assistant in Library Economy (12 months)—(paid from the Library School).	
Margaret Kingsbury, Lecturer on Departmental Library Problems in the Library School, and Departmental Library Assistant in History and Political Science (12 months)...	900 00

Jennie A. Craig, Lecturer on Departmental Library Problems in the Library School, and Departmental Library Assistant in English (12 months).....	\$ 900 00
Margaret Herdman, Lecturer on Departmental Library Problems in the Library School, and Departmental Library Assistant in 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, on half time (12 months)...	450 00
Students Assistants .....	1,700 00

**B. EXPENSE.**

Purchase of books, etc.....	25,000 00
Library incidentals .....	1,400 00
Printing catalog cards .....	625 00
Publications .....	170 00
Cataloging Groeber Library .....	750 00
Moving books to and from seminar libraries .....	200 00

Total ..... \$28,145 00

**STATE WATER SURVEY.****A. SALARIES.**

Paul Hansen, Engineer (12 months from September 1, 1912)	\$3,000 00
W. L. Langelier, Inspector (12 months from September 1, 1912) .....	1,200 00
H. P. Corson, Chemist and Bacteriologist (12 months from September 1, 1912) .....	1,200 00
W. G. Stromquist, Assistant Engineer (12 months from September 1, 1912) .....	1,200 00
Ralph Hilscher, Assistant Engineer (12 months from September 1, 1912) .....	1,200 00
M. E. Hinds, Assistant Chemist (12 months from September 1, 1912) .....	720 00
E. E. Holmann, Assistant Chemist (12 months from July 1, 1912) .....	720 00
F. W. Mohlmann, Assistant Chemist (11 months from October 1, 1912) .....	660 00
C. Scholl, Student Assistant (10 months from September 1, 1912) .....	100 00
F. W. Tanner, Assistant Bacteriologist (11½ months from July 15, 1912) .....	690 00
Carman Harnack, Clerk (12 months from July 1, 1912)....	660 00
Marie Jester, Stenographer (12 months from July 1, 1912)	540 00
Jane McMullen, Stenographer (12 months from July 1, 1912)	480 00
Eliza Hart, Stenographer (12 months from July 1, 1912)...	420 00
J. J. Johnson, Janitor and Laboratory Assistant (12 months from July 1, 1912) .....	540 00

**B. EXPENSE.**

Scientific investigations .....	500 00
Equipment .....	400 00
Supplies .....	500 00
Printing .....	900 00
Postage, express, etc. ....	500 00
Traveling expenses .....	2,500 00
Miscellaneous .....	280 00

Total ..... \$5,580 00

**SCHOOL OF PHARMACY.****A. SALARIES.***a. For instruction.*

Dean, vice F. M. Goodman (1 year)....	.....
William B. Day, Professor of Histological Botany (1 year) .....	\$1,200 00
Clyde M. Snow, Assistant Professor of Pharmacy (1 year) .....	1,800 00
Albert Henry Clark, Assistant Professor of Chemistry (1 year) .....	1,800 00
Ben L. Eicher, Assistant in Pharmacy (1 year).....	1,000 00
Edmund N. Gathercoal, Instructor in Pharmacognosy (1 year) .....	1,000 00
Henry William Colson, Assistant in Chemistry (1 year)	1,000 00
Bernard Fantus, Lecturer on Physiology (1 year)....	200 00
Student Assistants .....	250 00

*b. For services.*

William B. Day, Acting Dean, Secretary and Actuary (1 year) .....	1,300 00
R. Meseck, Janitor (12 months).....	780 00
Mary Scanlan, Stenographer (12 months).....	720 00
Extra help .....	25 00

**B. EXPENSE.**

Rent .....	\$6,000 00
Light .....	425 00
Apparatus .....	1,100 00
Laboratory supplies .....	1,200 00
Advertising, including announcement .....	1,000 00
Printing and postage .....	300 00
Library .....	200 00
Water tax .....	15 00
Telephone .....	70 00
Laboratory refunds .....	260 00
Repairs .....	300 00
Incidentals .....	600 00
Special assessments .....	50 00
Furniture and fixtures .....	200 00
Refunded tuition .....	150 00
<b>Total .....</b>	<b>\$11,870 00</b>

**MISCELLANEOUS APPROPRIATIONS.**

(d) The following recommendations with respect to miscellaneous appropriations:

**A.**

1. Board expense .....	\$ 2,500 00
2. Labor .....	60,000 00
3. Heat, light, maintenance, coal, gas, etc.....	40,000 00
4. Printing, postage, catalog, etc.....	12,000 00
5. Furniture and fixtures .....	5,000 00

**Total .....** **\$119,500 00**

**B.**

1. Summer Session .....	\$15,000 00
2. Lectures .....	5,000 00
3. High School Contest .....	400 00
4. Public Drawing Exhibit .....	50 00
5. Alumni Quarterly .....	1,000 00
6. Band and military scholarships.....	2,000 00
7. University fellowships .....	2,400 00
8. Expense—University News Bulletin.....	1,000 00
9. Incidentals .....	10,000 00
10. Other departments, buildings and grounds....	25,000 00
11. Historic and artistic cabinets and collections— Lincoln Hall .....	3,000 00

**Total .....** **64,850 00**

**Grand total .....** **\$184,350 00**

The foregoing recommendations with respect to (a) administrative appointments, (b) new appointments and promotions, (c) reappointments, salary increases, and departmental appropriations, and (d) miscellaneous appropriations, were approved in full.

**MR. HATCH ELECTED PRESIDENT PRO TEM.**

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 16th day of July, 1912, and

WHEREAS, He is, as such official, required almost daily to sign warrants for properly audited accounts against the University, and to discharge other duties relating to the business of the University; therefore be it

*Resolved*, That Fred L. Hatch, 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 16, 1912, to August 31, 1912, and during the absence of the said W. L. Abbott from the State, with full power to sign warrants, and do all other things pertaining to the business of the University which the said W. L. Abbott, as president of the board, may now lawfully do.

**BUILDING PLANS: ARMORY, LOCOMOTIVE LABORATORY, STOCK JUDGING PAVILION, AND GREENHOUSES.**

President James presented the following letter from Mr. W. Carby Zimmerman, State Architect, with respect to the plans and contracts for the Armory, the Locomotive Laboratory, the Stock Judging Pavilion, and the Horticultural Greenhouses:



1101 STEINWAY HALL, CHICAGO, July 3, 1912.

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

DEAR SIR: In reply to yours of July 1, I beg to say that on studying the matter more fully it seemed to me that the best solution of the problem would be to devise some scheme by which all of the trusses could be erected, so that the expensive tools necessary for this purpose would not again have to be brought to the site.

I took the matter up with the lowest bidder, the Morava Construction Company, and this company finally agreed to furnish and erect all steel work excepting the ends for the sum of \$59,500. This proposal was submitted to and tentatively approved by Mr. Abbott, and the Morava Construction Company were told that if the enclosure cost of the building would not exceed the balance of the funds available, the work would be awarded to them.

The contractors' bids for this enclosure work were received and opened today, and it appears that the bid of N. H. Shields, of Danville, of \$35,417 is the lowest. Mr. Shields further agreed to allow \$800 for a change in the method of holding certain roof beams, \$450 to give the woodwork one coat of oil instead of two coats of paint, and \$300 allowance on general principles, he finding at the last moment that he can get the lumber at a lower cost than originally estimated on by him. I am satisfied that these allowances are fair and reasonable.

Morava Construction Company's option on the steel expires on the 15th, and I recommended that a contract be entered into with the Morava Construction Company and N. H. Shields, on contracts of \$59,500 and \$33,867, or a total of \$93,367.

The balance of \$6,633 is an insufficient amount to arrange for a heating system in the building, but should make it possible to install temporary lighting.

Referring again to your letter, I will say that the Locomotive Laboratory plans are well underway and will be ready for specification in a short time.

The sketch plans for the Stock Judging Pavilion have been submitted to the department, and, as I understand it, are approved in a general way. As you know the appropriation for this building is insufficient to carry out the schemes proposed, and it will be necessary to decide what portion of the building is to be erected at this time. I would recommend that an attempt be made to finish the central portion, viz, the large arena, as completely as this can be done, but shall be pleased to follow whatever you may direct me to do.

My understanding was and is that the plans for the greenhouses would be submitted by greenhouse builders, with their bids, and I, therefore, have not worked on them.

Respectfully yours,

W. CARBYS ZIMMERMAN.

P. S.—I am sending a copy of this letter to Mr. Abbott, and enclose a copy of bids received on the enclosure.

## [SCHEDULE OF BIDS.]

## ARCHITECTURAL WORK—ARMORY BUILDING—UNIVERSITY OF ILLINOIS.

Contractors.	"A" Complete building as per plans and speci- fications in 6 months' time.	"B" Complete building in 6 months, except grading and sewers.	"C" Price per cubic feet concrete.	"D" Price per cubic yard of exca- vation.
English Bros.....	\$38,500 00	\$37,100 00	.25	\$0 75
J. F. Schmitt Bros. Company.....	42,448 00	41,998 00	.25	40
N. H. Shields.....	36,939 00	35,417 00	.17½	40

It was voted that the proposition of the Morava Construction Company, which was submitted to and tentatively approved by the president of the board, be approved, and that the officers of the board be authorized to sign a contract with the Morava Construction Company to furnish and erect all the steel work for the Armory, excepting the ends, for the sum of fifty-nine thousand five hundred dollars (\$59,500); also, that they be authorized to sign a contract with N. H. Shields, of Danville, for the enclosure of the building according to the bids submitted, including the complete architectural work on the building except sewers and grading, to be completed in six months, for the sum of thirty-three thousand eight hundred sixty-seven dollars (\$33,867).

## PLANS FOR STOCK JUDGING PAVILION AND HORTICULTURAL GREENHOUSES.

President James submitted plans for the Stock Judging Pavilion and for the Horticultural Greenhouses.

Both these sets of plans referred to the Committee on Agriculture for consideration and report.

### LEGAL PROCEEDINGS WITH REFERENCE TO THE CONKLE PROPERTY.

President James presented also the following report from Dean O. A. Harker, legal counsel, with respect to the proceedings connected with the acquisition of the Conkle property, which was received to be printed in the minutes.

UNIVERSITY OF ILLINOIS, July 3, 1912.

*To the President and the Board of Trustees of the University of Illinois:*

As legal counsel for the University, I beg leave to submit the following:

#### REPORT CONCERNING THE PURCHASE OF THE CONKLE PROPERTY.

The property consists of the north 8 rods of the west 8 rods of lot 1, and the north 8 rods of lot 2, W. N. Goodwin's addition to Urbana, being bounded on the north by the Illinois Traction right-of-way and on the west by Mathews Avenue.

Before the matter was reported to me an agreement had been entered into between the owners of the property and Mr. S. K. Hughes, acting for the University, whereby it was agreed that the University should pay to the owner the sum of \$10,550 after the completion of condemnation proceedings. It was agreed that the property should be condemned, and that in the event of the jury fixing the value at more than the sum agreed upon there should be a remittitur entered which would serve to fix the value of \$10,550, and that if it should be below that sum it should be raised an amount sufficient to reach that sum. I ascertained that one of the interested parties is confined in an insane asylum in Kansas, and for that reason the agreement, at least so far as he was concerned, was not legal.

After conferring with the attorney for the owners of the property, it was agreed that a bill for partition should be filed, and that the regular proceedings required by statute for the ascertainment of the interest of the parties should be pursued. The partition suit was commenced immediately and resulted in a decree declaring the interests of the parties. Commissioners were appointed to make a partition. The commissioners reported that the premises were not susceptible of partition and fixed the value at \$12,000.

After the coming in of the report the court decreed a sale, which was advertised accordingly by master in chancery. I appeared upon the day of sale and bid on the property until I reached \$11,001. The parties complainant bid \$11,500, and it was knocked off at that price. The parties were unable to comply with the requirements of the sale, and it was readvertised for sale for the 25th of June. Under instruction from the president of your board, I bid on the property, and the same was struck off to the board for \$10,800.

I ascertained on the morning of the sale that an attachment writ had been levied upon the interest of William Conkle on a debt against him. I also ascertained that the sheriff of the county had in his possession two executions from Cook County aggregating \$422. Before making the bid, I informed the attorney for the property owners that the two executions must be satisfied and the attachment released. That was done.

On the 29th of this month the master's sale was confirmed by the court, and a deed was executed to the Board of Trustees for the property, and the deed is now of record. The Board of Trustees have right of immediate possession.

Respectfully submitted,

O. A. HARKER, *Legal Counsel.*

The Executive Committee adjourned.

C. M. McCONN, *Clerk.*

W. L. ABBOTT,  
A. P. GROUT,  
FRED L. HATCH,  
*Executive Committee.*

#### ADJOURNED MEETING OF JULY 13, 1912.

Pursuant to the adjournment taken at the session of July 5, 1912, the Board of Trustees of the University of Illinois convened at the La Salle Hotel, in the city of Chicago, at 12:30 p.m., on Saturday, July 13, 1912.

The following members were present: Mr. Abbott, Mrs. Bahrenburg, Mr. Grout, Mr. Hatch, Mr. Hoyt. President James and Professor James M. White, supervising architect, were also in attendance.

There being no quorum, the board adjourned.

W. L. ABBOTT, *President.*

C. M. McCONN, *Secretary.*

**MEETING OF THE EXECUTIVE COMMITTEE JULY 13, 1912.**

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held at the La Salle Hotel, in Chicago, on Saturday, July 13, 1912, following the adjournment of the session of the board held on that date.

All the members of the Executive Committee were present, namely, Messrs. Abbott, Grout, and Hatch; also Mrs. Bahrenburg and Mr. Hoyt, members of the board, President James, and Professor James M. White, supervising architect.

**REPORT FROM THE COMMITTEE ON AGRICULTURE.**

The following report was received from the Committee on Agriculture, and the recommendations contained therein were approved in full:

CHICAGO, ILL., July 13, 1912.

*To the Board of Trustees of the University of Illinois:*

Your Committee on Agriculture held a meeting at the LaSalle Hotel in Chicago on this date. All the members of the committee were present, namely: Messrs. Hatch, Grout and Hoyt; also Mr. Abbott and Mrs. Bahrenburg, members of the board, President James, and Professor James M. White, Supervising Architect.

**PLANS FOR STOCK JUDGING PAVILION.**

The supervising architect presented plans for the Stock Judging Pavilion prepared by the State Architect; these plans providing for a large central arena, with reinforced concrete seating for two thousand people; for suitable stables, to be erected at the south; for recitation and class rooms on the east, west, and north; for a main entrance on the north; and for four smaller stock judging lecture rooms in the four corners of the building; it being proposed to erect the central arena and the stables with the appropriation of eighty thousand dollars (\$80,000) made by the Forty-seventh General Assembly; the other portions of the proposed building to be added from time to time as funds may be granted by the General Assembly.

The committee voted to recommend that this general plan for the Stock Judging Pavilion be approved as submitted, and that the State Architect be instructed to proceed with the working drawings.

**HORTICULTURAL GREENHOUSES: PLANS AND CONTRACTS.**

The supervising architect submitted, also, the following documents relating to the new horticultural greenhouses:

(a) General plans for these greenhouses, showing in particular the portion of the proposed glasshouses to be erected at this time; including, for the work in floriculture, one section of the palmhouse, a service building, and one glass range of 332 feet by 34 feet connecting the palmhouse and the service building; and, for the work in vegetables, a service building and one L-shaped range.

(b) Sketches for the service buildings, for which it is proposed that the State Architect shall prepare the plans; it being understood that plans for the glasshouses will be prepared by firms making a specialty of horticultural construction; these firms, however, to furnish the superstructure only, the remainder of the work to be contracted for by the University.

(c) A bid from the Foley Manufacturing Company of six thousand seventy-five dollars (\$6,075) for the superstructure of the vegetable ranges, exclusive of glass, but including heating.

(d) Estimates on the remaining contracts necessary for the completion of this structure, showing a probable total cost for this remaining work of two thousand eighty-one dollars and twenty-five cents (\$2,081.25).

On the recommendation of the supervising architect, approved by the President of the University, the committee voted to recommend: (1) The approval of the general plans for the horticultural greenhouses as submitted; (2) the authorization of the State Architect to prepare plans for the two service buildings; (3) the acceptance of the bid of the Foley Manufacturing Company of six thousand seventy-five dollars (\$6,075) for the superstructure of the vegetable ranges, exclusive of glass, but including heating; (4) the authorization of the supervising architect to award the remaining contracts necessary for the completion of these structures at an estimated cost of two thousand eighty-one dollars and twenty-five cents (\$2081.25).

The committee adjourned.

Respectfully submitted,

FRED L. HATCH,  
A. P. GROUT,  
O. W. HOYT,

*Committee on Agriculture.*

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

President James presented the following matters for consideration:

**COMPLETION OF PLANS FOR NEW ARMORY.**

(1) The following statement with respect to the desirability of having the plans for the new armory completed as soon as possible:

The experience of the University in the erection of new buildings has shown that it is extremely desirable to have as far as possible completed plans for a building in hand at the time the erection of the building is begun even though it be not possible to complete the building planned for at once. Accordingly it seems to me that the plans for the new armory as it will be in its final form should be completed as soon as possible.

The State Architect, moreover, has repeatedly said that he does not expect to continue in his present position for any great length of time. If he resigns before these plans are entirely completed, it might be difficult to secure new plans in thorough harmony with the project of the present State Architect.

It was voted to request the State Architect to prepare as soon as may be convenient the working drawings for the completed armory (not necessarily including detailed specifications), in accordance with the general plan which has been approved by the Board of Trustees.

**LOCOMOTIVE LABORATORY: PLANS AND AUTHORITY FOR BIDS AND CONTRACTS.**

(2) Plans and drawings for the locomotive laboratory prepared by the Department of Railway Engineering and approved by the State Architect.

It was voted to approve in general the plans submitted, subject to such modification in details as may hereafter be agreed upon by the State Architect and the Dean of the College of Engineering. It was voted, further, to authorize the State Architect to advertise for bids upon the basis of these plans at such time as the drawings shall have been completed; and to authorize the officers of the board to let the contract for the construction of the building in accordance with these plans.

**NEW TRACKAGE.**

(3) Plans prepared by the Dean of the College of Engineering for the construction of switch tracks and spurs to connect the locomotive laboratory with the tracks of the Illinois Traction Company.

It was voted to authorize the construction of two spurs (numbered "4" and "5" on the diagram submitted) connecting the locomotive laboratory across Goodwin Avenue with the interurban tracks and such a switch (numbered "3" on the diagram submitted) as may be necessary to join these spurs to the main line of the interurban railway, in accordance with the plans submitted; the cost of this new trackage and switch to be charged to the special appropriation for an engineering building and ground.

**CHANGES IN LAW BUILDING.**

(4) A communication from Professor James M. White, Supervising Architect, presenting plans for the reconstruction, remodeling, and equipment of the Law School Building, including a lowering of the portico of the west entrance to grade, in order to make a more dignified entrance to the ground story of the building, and the finishing of the ground story for use.

It was voted to authorize the supervising architect to proceed with this reconstruction, remodeling, and equipment of the Law School Building in accordance with the plans submitted, within the funds appropriated by the General Assembly for this purpose.

**NEW ENGINEERING BUILDING: POWER CONNECTIONS, WALKS, AND GRADING.**

(5) A recommendation from Professor James M. White, Supervising Architect, that the sum of six thousand six hundred dollars (\$6,600), or so much thereof as may be necessary, be appropriated for the purpose of making the heat, light, and power connections with the new engineering buildings, lying east of Mathews Avenue and between Silver Creek and the Illinois Traction System right-of-way, and for constructing walks and doing the grading in connection with these buildings; the above sum to be charged to the appropriation for an engineering building and ground.

**FURNITURE AND EQUIPMENT FOR NEW ENGINEERING BUILDING.**

(6) A recommendation that the Dean of the College of Engineering be authorized to purchase furniture and equipment for the buildings of the transportation group; the sums expended for the same to be charged to the appropriation for an engineering building and ground.

The foregoing recommendations were approved.

**OPTIONS ON LAND SOUTHEAST OF THE FORESTRY.**

(7) A communication from Professor J. C. Blair, head of the Department of Horticulture, enclosing an option for the purchase of 27.8 acres of land lying south and east of the Forestry, at a price of fifteen hundred dollars (\$1,500) per acre; accompanied by a request that the board secure an option for the purchase from the Busey heirs of 150 acres lying east of Lincoln Avenue and south of the road running south of the cemetery.

This communication was referred to the Committee on Agriculture for consideration and report.

**APPOINTMENT OF ASSISTANT TO THE SUPERVISING ARCHITECT.**

(8) A recommendation from Professor James M. White, Supervising Architect, that Mr. H. D. Oberdorfer be appointed assistant to the supervising architect for one year, beginning July 1, 1912, at a salary of two thousand dollars (\$2,000) for the year; this salary to be charged to specific building and operating appropriations as may from time to time be found to be equitable.

This recommendation was approved.

**REPAIRS.**

A request from the supervising architect for the approval of proposed repairs in the University buildings to the amount of \$10,000.

It was voted to appropriate ten thousand dollars (\$10,000) for repairs in the University buildings proposed by the supervising architect, subject to the approval of the president of the University.

**COMPLETION OF THIRD STORY OF WOMAN'S BUILDING.**

(9) A communication from Professor James M. White, Supervising Architect, presenting revised plans for the completion of the third story of the addition to the Woman's Building (see pp. 2 and 40 above).

It was voted to request the State Architect to prepare detailed plans for this work as soon as possible, basing on plans submitted by the supervising architect and approved by the president of the University; and, as soon as the plans shall be completed, to call for bids thereon.

At this point Mr. Hatch withdrew from the meeting.

**THE STATE BOARD OF PRISON INDUSTRIES AND UNIVERSITY PRINTING.**

(10) A memorandum concerning a statement of the State Board of Prison Industries that they will not continue to approve releases on printing required by the University. Also, a statement from Dr. Eugene Davenport, Dean of the College of Agriculture and Director of the Agricultural Experiment Station, that in his opinion the State Board of Prison Industries cannot satisfactorily do the work of printing the agricultural bulletins, and that it would be better to cease publishing these bulletins altogether than to send them out in such unsatisfactory form as we should have if the State Board of Prison Industries insists on printing them; for the reason that the whole value of these bulletins often turns upon absolute accuracy in figures and the like, and it seems to be impossible to secure accuracy in work done by the State Board of Prison Industries.

This memorandum was received for record.

**REPORT OF FEES.**

The secretary presented the registrar's report of fees due from the students of the University at Urbana for the second semester of the year 1911-12, as follows:

	Gross.	Refund.	Net Total.
Matriculation fee (\$10.00) .....	\$ 1,102 50	\$ 32 50	\$ 1,070 00
Incidental fee—			
2496 @ \$12.00 .....	29,952 00	216 00	29,726 00
1 @ \$8.00 (two-thirds) .....	8 00	.....	8 00
1 @ \$6.00 (one-half) .....	6 00	390 00 (minus)	384 00
Total incidental fees.....	\$29,966 00	\$606 00	\$29,360 00
Tuition fees—			
363 @ \$ 7.50 .....	2,722 50	37 50	2,685 00
0 @ \$ 3.75 (one-half) .....	.....	112 50 (minus)	112 50
104 @ \$25.00 (law) .....	2,600 00	50 00	2,550 00
22 @ \$ 5.00 (courses, law) .....	110 00	.....	110 00
5 @ \$12.50 (one-half, law) .....	62 50	12 50	50 00
Total tuition .....	\$5,495 00	\$212 50	\$5,282 50
Music fees—			
1 @ \$ 3.00 .....	3 00	.....	3 00
3 @ \$ 6.00 .....	18 00	.....	18 00
2 @ \$ 7.50 .....	15 00	.....	15 00
48 @ \$ 8.50 .....	408 00	.....	408 00
4 @ \$ 9.00 .....	36 00	9 00	27 00
1 @ \$ 9.75 .....	9 75	.....	9 75
9 @ \$11.00 .....	99 00	.....	99 00
1 @ \$12.00 .....	12 00	.....	12 00
1 @ \$14.50 .....	14 50	.....	14 50
8 @ \$15.00 .....	120 00	.....	120 00
12 @ \$19.50 .....	234 00	19 50	214 50
1 @ \$25.00 .....	25 00	.....	25 00
2 @ \$32.50 .....	65 00	.....	65 00
Total music fees.....	\$1,059 25	\$28 50	\$1,030 75
Total general fees.....	\$37,622 75	\$879 50	\$36,743 25
Laboratory fees—			
Architecture .....	461 50	.....	461 50
Botany .....	993 00	.....	993 00
Ceramics .....	85 00	.....	85 00
Chemistry .....	6,577 00	8 00	6,569 00
Civil engineering .....	156 50	1 00	155 50
Electrical engineering .....	812 00	.....	812 00
Entomology .....	183 00	.....	183 00
Gen. eng. drawing .....	295 00	.....	295 00
Geology .....	264 75	.....	264 75
Household science .....	498 00	9 00	489 00
Mechanical engineering .....	228 00	.....	228 00
Physics .....	869 50	1 50	868 00
Physiology .....	42 00	.....	42 00
Psychology .....	6 00	50	5 50
R. R. engineering .....	28 00	.....	28 00
T. & A. mechanics .....	160 00	.....	160 00
Zoölogy .....	510 50	1 25	509 25
Total laboratory fees .....	\$12,169 75	\$21 25	\$12,148 50
Listener's fees—			
9 @ \$7.50 .....	67 50	.....	67 50
Special examination fees—			
185 @ \$5.00 .....	925 00	.....	925 00
Late registration fees—			
121 @ \$1.00 .....	121 00	.....	121 00
Change fees—			
289 @ \$1.00 .....	289 00	1 00	288 00
Diploma fees—			
644 @ \$5.00 .....	3,220 00	.....	3,220 00
Total special fees .....	\$4,555 00	\$1 00	\$4,554 00
Total fees .....	\$54,415 00	\$901 75	\$53,513 25

### THE TREASURER'S REPORT.

The secretary presented also the report of Mr. H. A. Haugan, treasurer, for the quarter ending June 30, 1912, which was received for record.

## TREASURER'S REPORT.

H. A. HAUGAN, TREASURER, IN ACCOUNT WITH THE UNIVERSITY OF ILLINOIS  
JUNE 30, 1912.

		Dr.	
1912.			
Mar. 31.	Balance per last statement.....		\$331,728 95
Apr. 3.	Received from D. A. K. Steele, Actuary, for credit of College of Medicine fund .....		1,050 78
3.	Received from D. A. K. Steele, Actuary, for credit of College of Medicine fund .....		1,314 57
3.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund .....		25 00
6.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund .....		.69 23
11.	Received from D. A. K. Steele, Actuary, for credit of College of Medicine fund .....		1,444 18
12.	Received from U. S. Treasurer quarterly federal appropriation for credit of Agricultural Experiment Station fund .....		7,438 04
17.	Received from State Auditor for credit of general fund....		541,825 00
17.	Received from O. E. Staples, Chief Clerk, for credit of general fund .....		10,000 00
18.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund .....		155 59
22.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund .....		36 14
23.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund .....		91 90
29.	Received from D. A. K. Steele, Actuary, for credit of College of Medicine fund .....		995 15
30.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund .....		70 38
May 1.	Received from D. A. K. Steele, Actuary, for credit of College of Medicine fund .....		1,265 95
1.	Received from D. A. K. Steele, Actuary, for credit of College of Medicine fund .....		709 75
2.	Received from State Auditor for credit of general fund....		300,000 00
3.	Received from D. A. K. Steele, Actuary, for credit of College of Medicine fund .....		426 95
3.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund .....		2 00
6.	Received from D. A. K. Steele, Actuary, for credit of College of Medicine fund .....		538 69
6.	Received from O. E. Staples, Chief Clerk, for credit of general fund .....		10,000 00
9.	Received from D. A. K. Steele, Actuary, for credit of College of Medicine fund .....		551 91
14.	Received from D. A. K. Steele, Actuary, for credit of College of Medicine fund .....		917 15
18.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund .....		30 77
20.	Received from D. A. K. Steele, Actuary, for credit of College of Medicine fund .....		533 70
23.	Received from D. A. K. Steele, Actuary, for credit of College of Medicine fund .....		1,052 66
31.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund .....		31 28
June 1.	Received from D. A. K. Steele, Actuary, for credit of College of Medicine fund .....		1,113 33
5.	Received from D. A. K. Steele, Actuary, for credit of College of Medicine fund .....		1,166 63
8.	Received from D. A. K. Steele, Actuary, for credit of College of Medicine fund .....		2,344 47
8.	Received from D. A. K. Steele, Actuary, for credit of College of Medicine fund .....		1,468 76
10.	Received from O. E. Staples, Chief Clerk, for credit of general fund .....		10,000 00
26.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund .....		35 00
29.	Received from O. E. Staples, Chief Clerk, for credit of general fund .....		15,000 00
			<u>\$1,243,433 91</u>
		Cr.	
June 30.	By amount paid out of general fund as per list of warrants herewith .....	\$459,093 23	
	By amount paid out of College of Medicine fund, as per list of warrants herewith.....	31,498 82	
	By amount paid out of School of Pharmacy fund, as per list of warrants herewith.....	5,400 49	
	By amount paid out of Agricultural Experiment Station fund, as per list of warrants herewith .....	11,097 32	
			<u>\$507,089 86</u>

TREASURER'S REPORT—*Concluded.**Balances—*

General fund .....	\$711,527 37	
College of Medicine fund .....	14,863 02	
School of Pharmacy fund .....	5,429 39	
Agricultural Experiment Station fund .....	4,524 27	
		<hr/>
		\$736,344 05
		<hr/>
		\$1,243,433 91

Respectfully submitted,  
HENRY A. HAUGAN, *Treasurer.*

The Executive Committee adjourned.

C. M. McCONN, *Clerk.*

W. L. ABBOTT,  
A. P. GROUT,  
FRED L. HATCH,  
*Executive Committee.*



## Meeting of August 23, 1912.

---

A special meeting of the Board of Trustees of the University of Illinois was held at the La Salle Hotel, in the city of Chicago, at 12 m., on Friday, August 23, 1912, pursuant to the following notice, which was sent out by order of the president of the board on August 17, 1912:

By order of the President of the Board, a meeting of the Board of Trustees of the University of Illinois has been called to meet at the LaSalle Hotel, in Chicago, on Friday, August 23, at 12:00 m., to consider reports of committees, and such other matters as may be presented by the President of the University, and other business which may properly come before the meeting.

When the board convened the following members were present: Mr. Abbott, Mrs. Busey, Mrs. Evans, Mr. Grout, Mr. Hatch, Mr. Hoit. President James was also present.

There being no quorum, the board adjourned.

W. L. ABBOTT, *President*.

C. M. McCONN, *Secretary*.

---

## MEETING OF THE EXECUTIVE COMMITTEE AUGUST 23, 1912.

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held at the La Salle Hotel, Chicago, immediately following the adjournment of the special meeting of the board on August 23, 1912.

All the members of the Executive Committee were present, namely, Messrs. Abbott, Grout, and Hatch; also Mrs. Busey, Mrs. Evans, and Mr. Hoit, members of the board, and President James.

## SETTLEMENT WITH THE COLLEGE OF PHYSICIANS AND SURGEONS.

President James presented the following communications from the comptroller and the legal counsel of the University with respect to the settlement with the College of Physicians and Surgeons (these communications being the certificates required under the action taken by the Executive Committee of the board on July 5, 1912, p. 70):

## COMPTROLLER'S STATEMENT.

August 8, 1912.

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

DEAR SIR: I enclose herewith a statement of the receipts and expenditures of the College of Medicine from September 1, 1910, to July 1, 1912. Eight thousand seventy-eight dollars and fifty-three cents (\$8,078.53) is without question due the College of Physicians and Surgeons by the conditions of the lease for that time.

I also enclose a copy of the inventory showing the apparatus, etc., purchased in the year 1910-1911 which you directed to be stamped as belonging to the University of Illinois. The item three thousand five hundred dollars (\$3,500) is not supposed to be of this class.

Sincerely yours,

S. W. SHATTUCK, *Comptroller*.

## [ENCLOSURE.]

## STATEMENT OF RECEIPTS AND EXPENDITURES OF THE COLLEGE OF MEDICINE.

*For the Year, September 1, 1910, to September 1, 1911.*

Receipts .....	\$100,310 90
Expenditures .....	94,165 77
Balance, September 1, 1911.....	\$6,145 13
Collected on account of the year 1910 in the year 1911-12.....	1,017 00
Total balance for year.....	\$7,162 13
Two missionary scholarships returned.....	2,000 00
Final balance for the year 1910-11.....	\$5,162 13

*For the Ten Months, September 1, 1911, to July 1, 1912.*

Receipts .....	\$98,519 29
Less receipts belonging to year 1910-11.....	1,017 00
	\$97,502 29
Expenditures .....	89,423 76
Balance, July 1, 1912.....	\$8,078 53
August 8, 1912.	S. W. SHATTUCK.

## COUNSEL'S STATEMENT.

August 5, 1912.

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

MY DEAR PRESIDENT JAMES:

[Two paragraphs of Mr. Harker's letter, relating to an entirely different matter, are here omitted.]

Professor Shattuck and I have agreed upon terms of settlement with the College of Physicians and Surgeons except as to the earnings under the lease of 1910-1911. I have advised him that he should pay over none of those earnings unless expressly authorized by the Board of Trustees or the Executive Committee.

I am satisfied that the Internal Revenue Department will not insist upon any claim for tax free alcohol that was used for educational and scientific purposes. What I mean is that the department will make no claim because of the technical irregularity in having the permit continued to the curator of the College of Physicians and Surgeons instead of having it transferred or issued to the curator of the Medical Department of the University of Illinois. What the department will insist upon is a claim for violation of the federal statute by the use of the alcohol by professors in the college upon paying patients. If there are such violations, the University is in no way liable, but the recovery would be against the curator and his bondsman; so I can see no reason why the College of Physicians and Surgeons should be called upon to give any indemnity bond on that score. I can conceive of no other claim that could be legally urged against the University either by the State or any individual because the officials immediately in charge of the college have violated some provision of the statute or some rule of common law.

I have fully advised Professor Shattuck as to the character of release for furniture, apparatus, etc.

Sincerely yours,

O. A. HARKER,

*Legal Counsel.*

On motion of Mr. Abbott, it was voted to approve the comptroller's account as printed above, to direct the comptroller to pay over to the College of Physicians and Surgeons the sum of eight thousand seventy-eight dollars and fifty-three cents (\$8,078.53), more or less, being the balance on account of the transactions of the Medical School for the ten months ending July 1, 1912, and to appropriate the sum of eight thousand seventy-eight dollars and fifty-three cents (\$8,078.53), or so much thereof as may be required, for this purpose; the payment of the said sum to the College of Physicians and Surgeons by the comptroller to be conditional, however, upon the receipt by him of a certificate from the proper officers of the College of Physicians and Surgeons that the property, plant, and equipment leased by the University on September 1, 1911, as described in the indenture of said date and the schedule thereto attached marked "Schedule A" (which bears the signatures of D. A. K. Steele, President of the College of Physicians and Surgeons, and S. W. Shattuck, Comptroller of the University of Illinois, for the purpose of identification), have been received by the College of Physicians and Surgeons from the University in good condition, as provided in section 2 of

the said indenture, and that the College of Physicians and Surgeons does waive all claims of every sort or description against the University of Illinois on account of the condition of the said property, plant, and equipment; and is further conditional upon the receipt by the comptroller of a satisfactory guarantee from the College of Physicians and Surgeons to pay any outstanding accounts against the Medical School and to assume any liabilities that may arise against the University as a result of its relations with the College of Physicians and Surgeons.

It was voted, also, to authorize the comptroller to turn over to the College of Physicians and Surgeons two thousand dollars (\$2,000) in bonds of the College of Physicians and Surgeons, representing an investment for the benefit of two missionary scholarships, founded by the Northwestern Branch of the Woman's Foreign Missionary Society of the Methodist Episcopal Church, which are to be continued in the College of Physicians and Surgeons in accordance with the wish of the donors of these scholarships.

It was voted, also, that two thousand dollars (\$2,000) in bonds of the College of Physicians and Surgeons be retained by the board; these bonds representing the money given to found two other missionary scholarships, one by the Woman's Presbyterian Board of Missions of the Northwest, and one by the Woman's Board of Missions of the Interior of the Congregational Church, which money has been returned to the donors thereof, upon their request, since the University closed its Medical School, on June 30, 1912.

It was voted, further, to authorize the President of the University to dispose of the property purchased for the College of Medicine during the year from September 1, 1910, to August 31, 1911, which, under the terms of the contract in force during the period named, belongs to the University, on such terms as seem to him to be advantageous to the University.

Dr. D. A. K. Steele, President of the College of Physicians and Surgeons, was present during this part of the meeting, participated in the discussion, and consented to the actions taken as recorded above; the said actions involving the understanding, made explicit in the discussion, that the cash balance of five thousand one hundred sixty-two dollars and thirteen cents (\$5,162.13) for the year ending August 31, 1911, and the two thousand dollars in bonds of the College of Physicians and Surgeons, representing the money which has been repaid by the University to the Woman's Presbyterian Board of Missions of the Northwest and the Woman's Board of Missions of the Interior of the Congregational Church, belong to the University.

#### POSSIBLE REOPENING OF THE MEDICAL SCHOOL IN CHICAGO; ALUMNI RESOLUTIONS.

Dr. Charles Davison, of Chicago, a former member of the Board of Trustees, who was present, presented the following set of resolutions unanimously adopted by the Council of the Alumni Association of the Medical School of the University of Illinois:

CHICAGO, August 27, 1912.

*To the Trustees of the University of Illinois:*

We the undersigned, representatives of the alumni of the College of Medicine of the University of Illinois and practicing physicians in the State of Illinois, desire to express our sincere regret that the University of Illinois was compelled to close its medical school in Chicago because of the lack of suitable quarters and the requisite funds for maintenance.

We regard this step as a serious blow to the interests of medical education and public health in this commonwealth and in the nation.

We respectfully request your honorable body, therefore, to reopen the Medical School of the University of Illinois in the city of Chicago.

In case you are willing to do this, we on our part undertake to do what we can to secure for the University of Illinois the donation of the stock of the College of Physicians and Surgeons, by which the University of Illinois will secure the control of one of the best sites for a medical school in any American city.

We pledge our best efforts, moreover, to assist by every legitimate means in our power the trustees of the University of Illinois in developing a medical school which will be the peer of any similar school in this country or in Europe.

It has become apparent that the interests of public health can be adequately cared for in this country only when the State is willing to assist in the support of medical science and art as it now assists in the support of agriculture, engineering, teaching, and law. The University of Illinois will in our opinion

continue to fail to do its duty by the citizens of this State so long as it does not care adequately for this great public interest.

All of which is respectfully submitted.

**COUNCIL OF ALUMNI ASSOCIATION.**

By **EDWARD L. HEINTZ, M.D., President,**  
**HOWARD O. SHAFER, M.D., Vice-President,**  
**EMERY R. HAYHURST, M.D., Secretary,**  
**A. J. GRAHAM, M.D., Treasurer,**  
**ROBERT W. MORRIS, M.D., Chairman Executive Committee,**  
**CHARLES C. O'BYRNE, Necrologist.**

**POSSIBLE REOPENING OF THE MEDICAL SCHOOL IN CHICAGO;  
 DONATION OF STOCK OF COLLEGE OF P. AND S.**

Dr. D. A. K. Steele, President of the College of Physicians and Surgeons, who was present, was asked for his opinion on these resolutions of the Alumni Association. In response, Dr. Steele feelingly presented the strong sentiment on the part of the faculty, students, and alumni of the College of Physicians and Surgeons in favor of re-opening the Medical School of the University in Chicago, and discussed the probability of its being possible to obtain a donation of the stock of the College of Physicians and Surgeons to the University, on the condition that the University will undertake to re-open the school. Dr. Steele stated that he had already secured definite promises of donations of more than one-third of the total stock, and that he knew of another third which would probably be donated or else could be purchased at a low rate.

It was voted that the members of the Board of Trustees look with great interest and favor on the proposition of the alumni of the Medical School and the efforts of the stockholders of the College of Physicians and Surgeons to turn over to the University the ownership and control of the college; and to refer the matter to the Committee on the College of Medicine for investigation and recommendation.

**COMPLAINT OF DR. MARTIN.**

President James presented a request from Dr. W. J. S. Martin, a dentist in the city of Chicago, to be heard in the matter of a complaint which he desired to present against the faculty of the College of Dentistry because of their failure to recommend his son, Carl D. Martin, for a degree at the last commencement.

Dr. Martin was heard at length.

In the discussion which followed Dr. Martin's statement, attention was called to the fact that under the terms of the statute, approved May 11, 1877, empowering the University to grant degrees, the trustees are not authorized to confer degrees except upon such persons as are recommended by the faculty; and that since Mr. Carl D. Martin has not been recommended for graduation by the faculty of the College of Dentistry, no action can be taken by the board until such a recommendation is before it.

**NEW ENGINEERING LAND EXEMPTED FROM TAXATION.**

The secretary presented the following report from Dean O. A. Harker, Legal Counsel, of the steps taken by him in securing the exemption from the assessment roll of the six pieces of real estate recently acquired by the Board of Trustees for the College of Engineering. This report was received for record.

July 24, 1912.

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

DEAR SIR: Some weeks ago I arranged with State's Attorney Coggeshall to have a hearing before the Tax Board of Review on an application to have stricken from the assessment roll the different pieces of property lying between Mathews Avenue on the west, Goodwin on the east, the Illinois Traction System's right-of-way on the north, and the "Boneyard" on the south, recently acquired by the Board of Trustees for the College of Engineering.

Owing to the engagements of the State's Attorney, whose duty it is to represent the county in any such applications, the earliest hearing that could be had was on yesterday. The contention advanced by me in behalf of the Board of

Trustees was that the property, having been acquired by the Board of Trustees for educational purposes, was in fact the property of the State, and under the Constitution and statute exempt from taxes. I am pleased to say that, under the statute and the decisions of our Supreme Court construing it, the Board of Trustees are exempted from the assessment rolls on all the six pieces of real estate involved, to wit:

1. The property bought of John C. Turner and Eva F. Turner, June 29, 1911.
2. The property bought of Wilbur W. Myer and Cora Myer, June 29, 1911.
3. The property bought of George H. Clark and Helen H. Clark, July 10, 1911.
4. The property bought of Bell Murray and A. W. Murray, July 10, 1911.
5. The property bought of J. E. Ferguson and L. A. Ferguson, July 17, 1911.
6. The property bought of Debbie, Ann, and Vina Rogers, November 9, 1911.
7. And the property bought at the Master's sale on partition decree, June 25, 1912, known as the Conkle property.

Sincerely yours,

O. A. HARKER,  
*Legal Counsel.*

## REPORT FROM THE COMMITTEE ON BUILDINGS AND GROUNDS.

The secretary presented the following report from the Committee on Buildings and Grounds:

CHICAGO, August 23, 1912.

*To the Board of Trustees of the University of Illinois:*

Your Committee on Buildings and Grounds held a meeting at the LaSalle Hotel in Chicago on this date. There were present: Mr. Abbott, Mrs. Bussey, Mrs. Evans, and Mr. Hatch, members of the committee, Messrs. Grout and Hoyt, members of the board, President James and Professor James M. White, Supervising Architect.

### COMPLETION OF THIRD STORY OF WOMAN'S BUILDING.

Professor James M. White, Supervising Architect, presented detailed plans for the completion of the third story of the Woman's Building, together with the following statement in regard to available funds and the following recommendation in regard to the award of the contract:

URBANA ILL., August 22, 1912.

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

DEAR SIR: On December 2, 1911, the board made the following tentative assignment of the \$125,000 appropriation for the Woman's Building:

(1) General contract .....	\$85,000 00
(2) Extras on general contract .....	2,000 00
(3) Changes in the old building .....	4,000 00
(4) Furnishings for the new building .....	14,000 00
(5) Architect's fee, superintendence, etc. ....	4,000 00
(6) For heat, light and power extension .....	3,000 00
(7) For improvements in present gymnasium .....	2,500 00
(8) Swimming pool in the court .....	6,500 00
(9) Reserve fund .....	4,000 00

\$125,000 00

It is now evident that Item No. 3 is very much larger than necessary and that the changes required can be included under No. 7. This leaves us, reserving No. 6, Nos. 2, 3, 8, and 9 still to spend. These items total \$16,500.

The general contract was .....	\$83,936 00
Excavating and flooring the basement .....	1,494 20
The general extras will amount to about .....	2,250 00

Extras involved in the proposed finishing of the third story are as follows:

Plumbing extensions .....	314 33
Roof changes, including dormers, skylights, etc. ....	939 57
Interior finishing, including heat and lighting, but exclusive of plumbing fixtures .....	13,725 54
Third floor plumbing fixtures will probably cost set, about .....	400 00

This will make the total amount of English Brothers' contract... \$103,059 64 This leaves a balance of about \$22,000 for items No. 4, 5, 6, and 7, amounting to \$23,500. This requires about \$1,500 more than the above schedule leaves unassigned, but there are items included in No. 4 which can be omitted for the present, and I therefore recommend that English Brothers' proposition of \$14,979.44 (including plumbing extensions, roof changes, and interior finishing) be authorized, subject to the approval, in detail, of his estimate of costs by the State Architect and the supervising architect.

Yours truly,  
JAMES M. WHITE,  
*Supervising Architect.*

It was voted to approve the recommendation of the supervising architect that English Brothers' proposition of fourteen thousand nine hundred seventy-nine dollars and forty-four cents (\$14,979.44) (including plumbing extensions, roof changes, and interior finishing) be authorized, subject to the approval in detail

by the State Architect and the supervising architect of the contractor's estimates of costs. (This matter was referred to this committee on April 10, 1912, with power to act, Report, 1912, p. 528.)

**PROPOSED WIDENING AND PAVING OF ORCHARD LANE.**

With respect to the petition from residents and owners of property in Orchard Lane, Champaign, requesting the University to donate land for the widening of the street and to sign a petition for the paving of the same, it was voted to recommend to the Board of Trustees that the trustees do not see their way clear to donate land for this purpose; and further, that the University is not yet ready to join in a petition for the paving of Orchard Lane.

The committee adjourned.

W. L. ABBOTT,  
MARY E. BUSEY,  
LAURA B. EVANS,  
FRED L. HATCH,

*Committee on Buildings and Grounds.*

It was voted to receive the foregoing report of the Committee on Buildings and Grounds for record, and to adopt the recommendation of the committee with respect to the proposed widening and paving of Orchard Lane.

**CONTRACT FOR FLORICULTURAL GREENHOUSES.**

Prof. James M. White, Supervising Architect, submitted the following report and recommendation on the subject of the bids received on the superstructure for the floricultural greenhouses:

URBANA, ILL., August 31, 1912.

*Mr. C. M. McConn, Secretary, Board of Trustees.*

DEAR SIR: I transmit herewith a schedule of the bids received on the superstructure for the floricultural greenhouses. As each bidder bids on his own design, it does not necessarily follow that the low price is the more advantageous one. The Foley Manufacturing Company are bidding on a larger glass area than Lord & Burnham, and the computation shows that the Foley Manufacturing Company's bid of \$7,390 is a better proposition than Lord & Burnham's bid of \$7,151.19; and Foley's bid of \$9,090 is considerably lower than Lord & Burnham's bid of \$9,471.19.

I therefore recommend that we accept Foley's bid of \$9,090, deferring the construction of the east greenhouse section, which is bid upon separately in Item 3; and, further, reserving the right to cancel that portion of the construction, provided funds are not available for it.

Yours truly,  
JAMES M. WHITE,  
*Supervising Architect.*

[ENCLOSURE.]

**SCHEDULE OF REVISED BIDS—FLORICULTURE GREENHOUSES.**

Bidder.	Original bid.	Item I.	Item II.	Item III.	Item IV.
Foley Manufacturing Company.....	\$13,800 00	—\$4,800 00	—\$1,610 00	+\$1,700 00	.....
Lord & Burnham.....	12,625 00	—3,188 49	—2,280 00	—2,320 00	*—\$278 32
King Construction Company.....	13,529 00	.....	4,124 00	.....	.....

**SCHEDULE OF REVISED BIDS—FLORICULTURE GREENHOUSES—*Concluded.***

Bidder.	Additions.	Total to deduct.	Revised bid.	Revised bid plus item III.
Foley Manufacturing Company.....	.....	\$6,410 00	\$7,390 00	\$9,090 00
Lord & Burnham.....	†\$273 00	5,473 00	7,151 19	9,471 19
King Construction Company.....	‡300 00	.....	.....	.....

\* Omission of glass partition in show house.  
† For hauling and extra for change in size of house.  
‡ For hauling and increase in height of superstructure.

Item No. 1. Deduction for omission of all benches and heating except in section 1B.

Item No. 2. Deduction for omission of superstructure of section 1A.

Item No. 3. Figure for erection of superstructure of section 1A for acceptance next spring.

	Foley Mfg. Co.	Lord & Burnham.
Unit price per sq. ft. for superstructure exclusive of glass....	29.1c	29.6c
Unit price per sq. ft. of glass .....	12.6c	12.6c
Total glass area figured on sq. ft. ....	18,571	17,841
Difference in favor of Foley, sq. ft. ....		730
	18,571	18,571
Difference in price for extra glass area at Lord & Burnham's unit price .....	$=730 \times 41.6c = 303.68$	
Lord & Burnham figure with same glass area as Foley Mfg. Co. figured on .....		\$7,454 87
Foley's bid on this glass area .....		7,390 00

It was voted to approve the recommendation of the supervising architect, and to authorize the officers of the board to sign a contract with the Foley Manufacturing Company on their bid of \$9,090, deferring the construction of the east greenhouse section (which is bid upon separately in Item 3), and further reserving the right to cancel that portion of the construction, provided funds are not available for it.

### PROGRESS ON BUILDINGS.

Professor White made a statement also in regard to the status of the work on the Armory, and the progress being made on the plans for the Stock Judging Pavilion.

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

President James presented the following matters for consideration:

#### CONTRACT FOR THE PAVING OF LINCOLN AND MICHIGAN AVENUES.

(1) The following contract for execution by the Board of Trustees to secure the payment of the assessment for the construction of the local improvements on Lincoln Avenue, Michigan Avenue, and Orchard Street in the city of Urbana:

WHEREAS, On petition of various property owners and of the University of Illinois, an ordinance has been duly passed by the city council of Urbana, Ill., and proceedings had in the County Court pursuant thereto, and special and general tax levied, all for the construction of the local improvement of Lincoln Avenue, Michigan Avenue, and Orchard Street, in said city of Urbana, by paving, grading, curbing, guttering, draining, etc.; and

WHEREAS, By the judgment of the County Court of Champaign County, Ill., there has been specially taxed against the property of the University of Illinois the aggregate principal amount of six thousand six hundred forty-two dollars and seventy-three cents (\$6,642.73), divided into installments payable annually, the first installment being for the principal sum of seven hundred thirty-four dollars and forty-one cents (\$734.41), and each of the nine succeeding installments for the principal sum of six hundred fifty-six dollars and forty-eight cents (\$656.48); and

WHEREAS, Upon notice to that end, bids were received and contract for the construction of said improvement has been awarded to John W. Stipes, contractor, by the Board of Local Improvements of said city, and said contractor is about to enter upon the execution of said contract and the construction of said improvement pursuant to said ordinance; and

WHEREAS, It is desired to fully secure and validate the issue of bonds as provided by the ordinance for said improvement, the proceeds of which are to be used to defray the cost and expense of said improvement and the lawful expenses incident thereto;

Now, therefore, In consideration of the benefits to be received by the real estate and property of the University of Illinois from the construction of said improvement, the said University of Illinois, by its duly authorized officers and trustees, does hereby agreed to pay to the city collector or other proper officer of the city of Urbana, Ill., the sums shown on the assessment roll specially taxed against said University of Illinois, together with five per cent (5%) interest on the deferred installments thereof, amounting in the aggregate to the principal sum of six thousand six hundred forty-two dollars and seventy-three cents (\$6,642.73), the first installment of which is for the principal sum of seven hundred thirty-four dollars and forty-one cents (\$734.41); and each of the nine

succeeding installments due and payable annually being for the principal sum of six hundred fifty-six dollars and forty-eight cents (\$656.48), which said installments shall bear interest from the date of the first voucher issued on account of work done on said improvement, at five per cent (5%) per annum, as provided by the Statute of the State of Illinois concerning local improvements in cities, villages, and towns.

Dated and sealed with the corporate seal of said University, this..... day of August, A.D. 1912.

UNIVERSITY OF ILLINOIS,

By.....

It was voted to authorize the officers of the board to sign this contract upon the receipt of a certification of the counsel of the University, that the contract is in proper form and that the amount of the assessment against the University is reasonable and proper.

#### EXTENSION OF SANITARY SEWER IN URBANA.

(2) A copy of a petition signed by Messrs. J. R. Reasoner and C. L. Van Doren, asking for the extension of the sanitary sewer in Urbana from Busey Avenue to the east line of the University property; also the following communication from the supervising architect to Mr. Frank Boggs, Mayor of Urbana, in regard to the same matter:

URBANA, ILL., August 2, 1912.

Mayor Frank Boggs, Chairman, Local Board of Improvements, Urbana, Ill.

DEAR SIR: The extension of the sanitary sewer, in accordance with the petition shown me today, signed by C. L. Van Doren and J. R. Reasoner, providing us an 8-inch sewer connection on Lincoln Avenue on the line of Iowa Street extended, will furnish the University a satisfactory outlet to the east. If the city of Urbana will put in this extension whenever the University shall petition for it upon the University's agreeing to pay its fair assessment for said outlet, as mutually agreed upon or as fixed by the court, and with the further agreement that the 30-inch storm water sewer, now terminated on Lincoln Avenue, shall be extended southward on Lincoln Avenue to such point as the University may require for connection with the University storm water sewer through the forestry, a distance not to exceed 230 feet, then all conditions upon which the University's approval of the Lincoln Avenue pavement petition hinged will have been settled to my satisfaction.

Yours truly,

JAMES M. WHITE,

Supervising Architect.

It was voted to authorize the officers of the Board of Trustees to sign this petition for the extension of the sanitary sewer in Urbana.

#### RESIGNATION OF PROFESSOR BLEININGER.

(3) The resignation of Mr. Albert V. Bleininger as Professor of Ceramics and Director of the Department of Ceramics.

It was voted that the President of the University should be authorized to accept Professor Bleininger's resignation; and, further, that he be authorized to make an equitable arrangement with Professor Bleininger by which the latter will give the benefit of his advice and assistance in the installing of the plant of the new Ceramics Laboratory.

#### APPOINTMENT OF PROFESSOR BENTLEY.

(4) A recommendation that the President of the University be authorized to appoint Dr. Isaac Madison Bentley, now of Cornell University, to be Professor of Psychology and Director of the Psychological Laboratory, at a salary of three thousand dollars (\$3,000) per annum, beginning September 1, 1912.

This authority was given as requested.

#### APPOINTMENT OF ASSISTANT PROFESSOR McDANIEL.

(5) A recommendation from Professor I. O. Baker, of the Department of Civil Engineering, endorsed by Dr. W. F. M. Goss, Dean of the College of Engineering, that Professor A. B. McDaniel, now of the University of South Dakota, be appointed Assistant Professor of Civil Engineering, for one year beginning September 1, 1912, at a salary of twenty-five hundred dollars (\$2,500) for the year.

It was voted that this appointment be made as recommended.



**REQUEST THAT ALL STREET CARS STOP AT BURRILL AVENUE.**

(6) A recommendation that the Urbana and Champaign Railway, Gas, and Electric Company be requested to direct that all cars of the said company crossing the south campus in either direction shall come to a full stop at Burrill Avenue; this request being made on account of the noise arising from the rapid rate at which the cars now move through the campus, with the accompanying signaling necessary to warn people out of the way, and also on account of the danger to people crossing the south campus from such a rate of speed as the cars maintain at the present time.

It was voted to make such a request of the Urbana and Champaign Railway, Gas and Electric Company.

**COMPENSATION OF ACTING DEAN DANIELS.**

(7) A recommendation that a compensation of fifty dollars (\$50) a month additional to his salary as professor of philosophy be granted to Dr. A. H. Daniels, for his services as Acting Dean of the College of Literature and Arts; the said extra compensation to begin from February 1, 1912, on which date Professor Daniels began his services as acting dean, and to continue during his incumbency of the position of acting dean.

This recommendation was approved.

**REAPPOINTMENT OF PROFESSOR GOODMAN.**

(8) A communication from Mr. F. M. Goodman, former Dean of the School of Pharmacy and former Professor of Materia Medica and Botany in the School of Pharmacy, who was on leave of absence for the past year, stating that his health is now restored and that he should like to be reappointed.

It was voted that the President of the University should be authorized to appoint Mr. Goodman to the position of Professor of Materia Medica and Botany in the School of Pharmacy, for the term of one year, beginning September 1, 1912, with such duties and at such a remuneration, not to exceed twelve hundred dollars (\$1200), as the President of the University may determine after full examination of the curriculum and the needs of the school in the matter of instruction for the coming year.

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

The secretary presented the following report of appointments made by the President and by the Vice-President of the University to fill vacancies in the budget passed on July 5, 1912:

Baker, R. P., Graduate Assistant in Chemistry, for ten months beginning September 1, 1912, at a salary of thirty dollars (\$30) a month. (August 3, 1912.)\*  
Bates, S. J., Research Associate in Chemistry, for ten months beginning September 1, 1912, at a salary of one hundred dollars (\$100) a month. (August 12, 1912.)

Burton, L. V., Graduate Assistant in Chemistry, for ten months beginning September 1, 1912, at a salary of thirty dollars (\$30) a month, vice L. T. Fairhall. (July 29, 1912.)

Clements, Miles, Toolroom Attendant in the Machine Shop, from May 1, 1912, to August 31, 1912, with a salary at the rate of five hundred fifty dollars (\$550) for twelve months' service. (July 26, 1912.)

Davison, Burt S., Assistant in Chemistry, for ten months beginning September 1, 1912, at a salary of fifty dollars (\$50) a month, vice C. J. Baker. (August 12, 1912.)

Faust, E. C., Research Assistant in Zoölogy, for ten months beginning September 1, 1912, at a salary of sixty dollars (\$60) a month. (August 16, 1912.)

Gillet, C. E., Graduate Assistant in Chemistry, for ten months beginning September 1, 1912, at a salary of thirty dollars (\$30) a month, vice H. A. Webb, resigned. (August 16, 1912.)

Gunn, Sidney, Instructor in English, for ten months beginning September 1, 1912, at a salary of one hundred ten dollars (\$110) a month. (August 12, 1912.)

Hall, Royal Glen, Graduate Assistant in Zoölogy, for ten months beginning September 1, 1912, at a salary of thirty dollars (\$30) a month. (August 5, 1912.)

Hansen, Paul, Associate in Sanitary Engineering in the College of Engineering (in addition to being engineer in the State Water Survey), for the academic year beginning September 1, 1912, without salary. (August 17, 1912.)

Heidelberger, Michael, Instructor in Chemistry, for ten months beginning September 1, 1912, at a salary of one hundred dollars (\$100) a month. (August 3, 1912.)

Jordan, J. Clark, Instructor in English, for ten months beginning September 1, 1912, at a salary of one hundred dollars (\$100) a month. (August 17, 1912.)

\* The date in parenthesis at the end of each item is the date when the appointment was officially made.

Keller, Oran, Assistant Chemist in the Soils Laboratory of the Agricultural Experiment Station, for twelve months beginning September 1, 1912, at a salary of seventy dollars (\$70) a month. (August 17, 1912.)

Lamkey, Ernest M. R., Graduate Assistant in Botany, for five months beginning February 1, 1913, at a salary of sixty dollars (\$60) a month. (July 31, 1912.)

Linkins, R. H. Graduate Assistant in Zoölogy, on half time, for ten months beginning September 1, 1912, at a salary of thirty dollars (\$30) a month. (August 17, 1912.)

Linsley, Clyde M., Shelf Assistant in the Library, on one-third time, for ten months beginning September 1, 1912, at a salary of twenty-one dollars and sixty-six and two-thirds cents (\$21.66 2-3) a month. (August 17, 1912.)

Ludwig, Clinton Albert, Graduate Assistant in Botany, for ten months beginning September 1, 1912, at a salary of thirty dollars (\$30) a month. (July 31, 1912.)

Lundquist, Hjalmar Theodor, Storekeeper in the Department of Zoölogy, for eleven months beginning August 1, 1912, at a salary of fifty dollars (\$50) a month. (August 8, 1912.)

Mitchell, Brainerd Jr., Instructor in Machine Design, for ten months beginning September 1, 1912, at a salary of one hundred thirty dollars (\$130) a month, vice W. V. Dunkin. (July 24, 1912.)

Nelson, C. Ferdinand, Instructor in Chemistry, for ten months beginning September 1, 1912, at a salary of one hundred dollars (\$100) a month. (August 3, 1912.)

Pendleton, Joseph C., Assistant in Foundry, for ten months beginning September 1, 1912, at a salary of eighty-five dollars (\$85) a month, vice P. W. Gawne. (August 16, 1912.)

Prickett, A. L., Shelf Assistant in the Library, for ten months beginning September 1, 1912, at a salary of forty-three dollars and thirty-three and one-third cents (\$43.33 1-3) a month. (August 10, 1912.)

Root, Ralph Rodney, Instructor in Landscape Gardening, for ten months beginning October 1, 1912, at a salary of two thousand dollars (\$2,000) per annum. (July 23, 1912.)

Stevenson, James Vail, Assistant in Agricultural Extension, on half time, for twelve months beginning July 1, 1912, at a salary of five hundred dollars (\$500) for the year. (July 25, 1912.)

Stewart, C. L., Research Assistant in Economic History, on half time, for ten months beginning September 1, 1912, at a salary of fifty dollars (\$50) a month. (August 8, 1912.)

Sutcliffe, Emerson, Assistant in English, for ten months beginning September 1, 1912, at a salary of eighty dollars (\$80) a month. (August 17, 1912.)

Sutton, Claude Earl, Assistant in Botany, for ten months beginning September 1, 1912, at a salary of sixty dollars (\$60) a month. (July 31, 1912.)

Webb, Homer A., Assistant in Chemistry, for ten months beginning September 1, 1912, at a salary of fifty dollars (\$50) a month, vice M. L. Hartman, resigned. (August 16, 1912.)

The Executive Committee adjourned.

C. M. McCONN, *Clerk.*

W. L. ABBOTT,  
A. P. GROUT,  
FRED L. HATCH,  
*Executive Committee.*

## Meeting of September 10, 1912.

The quarterly meeting of the Board of Trustees of the University of Illinois was held at the University, in Urbana, on Tuesday, September 10, 1912, beginning at 9 A.M.

There being no quorum present, the board adjourned to meet at the La Salle Hotel, in the city of Chicago, on Thursday, September 19, 1912, at 12:30 P.M.

C. M. McCONN, *Secretary*.

W. L. ABBOTT, *President*.

### ADJOURNED SESSION, SEPTEMBER 19, 1912.

Pursuant to the adjournment taken at the quarterly meeting of September 10, 1912, the Board of Trustees of the University of Illinois met at the La Salle Hotel, in the city of Chicago, on Thursday, September 19, 1912, beginning at 12:30 P.M.

The following members were present: Mr. Abbott, Mr. Anthony, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Hatch, Mr. Hoit. President James was present.

### VEGETABLE GREENHOUSES: BIDS AND CONTRACTS.

The secretary presented the following report from Prof. James M. White, Supervising Architect, in regard to the bids and the award of the contract for the foundations of the vegetable greenhouses:

URBANA, ILL., August 28, 1912.

*Mr. C. M. McConn, Registrar:*

According to the action of the Board of Trustees, p. 90, minutes of July 5, I was authorized to award contracts for the foundations of the vegetable ranges as part of the remaining contracts for the completion of the structures. I have received bids, copy of which I enclose, and have awarded the contract to Mr. C. J. Welch for \$1,800. We think that it is desirable that these bids should be recorded in the minutes of the board.

Yours truly,  
JAMES M. WHITE,  
*Supervising Architect.*

[ENCLOSURE.]

### SCHEDULE OF BIDS—CONCRETE WORK FOR VEGETABLE GREENHOUSES.

Bidder.	Proposal "A."	Proposal "B."	Price per cu. ft. for extra pier.	Price per cu. ft. plain concrete walls, extra.	Price per sq. yd. for extra floor.	Price per sq. yd. extra pebble dash.
C. J. Welch.....		\$1,800 00	\$0 22½	\$0 23½	\$0 90	\$0 50
N. H. Shields.....	\$2,962 00	2,662 00	29	37	90	50
Freeman & Brooks.	2,132 00		22	35	1 08	60

Proposal A.—All concrete foundation and walk work called for by the plans and specifications in two weeks time from date of signing contract.

Proposal B.—All concrete foundation and side walls for greenhouses No. 1, 2 and 3 ready for the erection of the superstructure in two weeks time from date of signing contract, and the balance of the work called for by the plans, including side walls and floors of crosshouse and storage pit and all walks, in thirty days from date of signing contract.

The foregoing report of the supervising architect in regard to the bids and the contract for the foundations of the vegetable greenhouses was received for record.

### SETTLEMENT WITH THE COLLEGE OF PHYSICIANS AND SURGEONS.

The secretary reported that under the action taken by the Executive Committee on August 23 (p. 93), the comptroller had effected a settlement with the College of Physicians and Surgeons, and presented for record the following certificate and agreement received by the comptroller from the College of Physicians and Surgeons as required by the vote of the board (p. 96):

August 29, 1912.

I hereby certify that the property, plant and equipment leased by the University of Illinois on September 1, 1911, as described in the indenture of said date and the schedule thereto attached marked "Schedule A" (which bears the signatures of D. A. K. Steele, President of the College of Physicians and Surgeons, and S. W. Shattuck, Comptroller of the University of Illinois, for the purpose of identification), have been received by the College of Physicians and Surgeons from the University in good condition, as provided in Section 2 of the said indenture, and that the College of Physicians and Surgeons does waive all claims of every sort or description against the University of Illinois on account of the condition of the said property, plant, and equipment.

The College of Physicians and Surgeons also agrees to pay any outstanding accounts against the Medical School and to assume any liabilities that may arise against the University as a result of its relations with the College of Physicians and Surgeons.

D. A. K. STEELE, *President.*

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

The secretary presented the following report of appointments made by the President of the University to fill vacancies in the budget passed on July 5, 1912:

Ashley, June Maude, Graduate Assistant in Zoölogy, for ten months beginning September 1, 1912, at a salary of thirty dollars (\$30) a month. (September 3, 1912.)\*

Atwell, Ruth Sarah, Assistant in Botany, for ten months beginning September 1, 1912, at a salary of sixty dollars (\$60) a month, vice Earl Sutton. (September 10, 1912.)

Barlow, Bronson, Assistant in Bacteriology, at a salary of fifty dollars (\$50) a month, beginning September 1, 1912, and continuing until further notice or until August 31, 1913. (August 29, 1912.)

Bartells, H. H., Research Assistant in Ceramics, on half time, for ten months beginning September 1, 1912, at a salary of fifty dollars (\$50) a month. (September 12, 1912.)

Becker, A. J., Student Assistant in Chemistry, for ten months beginning September 1, 1912, at a salary of ten dollars (\$10) a month. (September 16, 1912.)

Binding, Leo Ross, Assistant in Chemistry in the Agricultural Experiment Station, at a salary of seventy dollars (\$70) a month, work and salary to begin as soon as he reports for service and continue until August 31, 1913. (September 7, 1912.)

Carter, Roy, Assistant in General Engineering Drawing, for ten months beginning September 1, 1912, at a salary of one hundred dollars (\$100) a month. (September 10, 1912.)

Cobb, Margaret B., Fellow in Zoölogy, for ten months beginning September 1, 1912, with a stipend of thirty dollars (\$30) a month. (September 10, 1912.)

Dutcher, R. A., Assistant in Chemistry, for ten months beginning September 1, 1912, at a salary of sixty dollars (\$60) a month. (September 10, 1912.)

Farwell, Stanley Prince, Instructor in Theoretical and Applied Mechanics, for ten months beginning September 1, 1912, at a salary of one hundred forty dollars (\$140) a month, vice H. E. Murdock. (September 2, 1912.)

Felsenthal, Emma, Lecturer on General Reference in the Library School and Reference Assistant in the Library, for twelve months beginning September 1, 1912, at a salary of seventy dollars (\$70) a month, vice Margaret Hutchins. (September 4, 1912.)

Fehrenkamp, Winifred, Lecturer on Departmental Library Problems in the Library School and Architectural Librarian, at a salary of seventy dollars (\$70) a month, for the ten months ending June 30, 1912, service and salary to begin as soon as she reports for service, vice Margaret Niver. (September 6, 1912.)

\* The date in parenthesis after each item is the date when the appointment was officially made by the President of the University.

Ferguson, Harry F. Engineering Assistant in the State Water Survey, for eleven months beginning October 1, 1912, at a salary of sixty dollars (\$60) a month. (September 16, 1912.)

Fieg, Robert I., Laboratory Helper in Botany, for the month of September, 1912, at a salary of fifty dollars (\$50) for the month. (August 26, 1912.)

Filbey, E. J., Private Secretary to the President of the University, for one year ending August 31, 1913, at a salary of two thousand dollars (\$2,000) per annum, work and salary to begin on his reporting for service. (September 9, 1912.)

Goodwin, T. G., Assistant in English, for ten months beginning September 1, 1912, at a salary of ninety dollars (\$90) a month. (September 12, 1912.)

Hinds, Mildred Emma, Graduate Assistant in Botany, for ten months beginning September 1, 1912, at a salary of thirty dollars (\$30) a month. (September 11, 1912.)

Humrichouse, Katie L. E., Stenographer in the Office of the Engineering Experiment Station, at a salary of fifty dollars (\$50) a month, beginning September 9, 1912, and continuing until further notice or until August 31, 1913, vice E. Ethyl Bradley. (September 16, 1912.)

Hutchins, Margaret, Lecturer on Departmental Library Problems in the Library School and Departmental Assistant in Classics, for twelve months beginning September 1, 1912, at a salary of seventy-five dollars (\$75) a month, vice Nellie C. Geddes. (September 4, 1912.)

Ingles, Nellie, Scholar in Mathematics, for ten months beginning September 1, 1912, with a stipend of twenty-five dollars (\$25) a month. (September 16, 1912.)

Karsten, Eleanor G., Lecturer in the Library School and Secretary and Stenographer to the University Librarian, at a salary of one hundred dollars (\$100) a month, beginning September 16, 1912, and continuing until further notice or until August 31, 1913. (September 16, 1912.)

Keech, Gertrude, Stenographer in the Department of Botany, on half time, at a salary of thirty dollars (\$30) a month, beginning September 1, 1912, and continuing until further notice or until August 31, 1913. (September 16, 1912.)

Kessler, Ernest, Assistant in Glass Blowing, for twelve months beginning September 1, 1912, at a salary of sixty dollars (\$60) a month. (September 6, 1912.)

Lietz, Louise A., Stenographer in the office of the Department of Civil Engineering, for ten months beginning September 1, 1912, at a salary of thirty-five dollars (\$35) a month. (September 2, 1912.)

MacArthur, C. G., Instructor in Physiological Chemistry, for ten months beginning September 1, 1912, at a salary of one hundred fifty dollars (\$150) a month. (September 2, 1912.)

Moore, Harry C., Stenographer in the office of the Dean of the College of Law, at a salary of twenty dollars (\$20) a month, beginning September 1, 1912, and continuing until further notice or until August 31, 1913. (September 12, 1912.)

Packard, Bessie, transferred from the position of Student Record Keeper in the office of the College of Agriculture to the position of Office Assistant in the Department of Household Science, at a salary of seventy-five dollars (\$75) a month, for twelve months beginning September 1, 1912. (September 3, 1912.)

Painter, L. G., Instructor in English, for ten months beginning September 1, 1912, at a salary of one hundred twenty dollars (\$120) a month. (September 7, 1912.)

Peel, Thomas, Storekeeper in the Department of Chemistry, for twelve months beginning September 1, 1912, at a salary of fifty-five dollars (\$55) a month. (September 10, 1912.)

Rich, E. A., to give a course in Commercial Law during the academic year 1912-1913, at a remuneration of four hundred dollars (\$400) for the year. (September 17, 1912.)

Scherfee, S. H., Graduate Assistant in Botany, for ten months beginning September 1, 1912, at a salary of thirty dollars (\$30) a month. (September 17, 1912.)

Showers, T. J., Carpenter Foreman, at a salary of one hundred twenty-five dollars (\$125) a month, beginning September 1, 1912, and continuing until further notice or until August 31, 1913. (September 10, 1912.)

Simpson, G. E., Student Assistant in Chemistry, for ten months beginning September 1, 1912, at a salary of ten dollars (\$10) a month. (September 7, 1912.)

Snodgrass, J. M., transferred from the position of Assistant Professor of Steam Engineering in the Department of Mechanical Engineering to the position of Assistant Professor of Railway Engineering in the Department of Railway Engineering, from September 1, 1912, until August 31, 1914, at a salary of twenty-one hundred dollars (\$2,100) per annum. (September 10, 1912.)

Strong, Lillian, Stenographer and Secretary in the office of the Dean of Women, at a salary of fifty dollars (\$50) a month, beginning on her reporting for service, and continuing until further notice or until August 31, 1913. (September 7, 1912.)

Watts, Cecil E., Graduate Assistant in Chemistry, for ten months beginning September 1, 1912, at a salary of thirty dollars (\$30) a month. (August 26, 1912.)

Ward, Charles Frederick, Instructor in Romance Languages, for ten months beginning September 1, 1912, at a salary of one hundred ten dollars (\$110) a month, vice Florence N. Jones. (September 2, 1912.)

Wells, William Firth, Assistant in Municipal Dairying, at a salary of fifteen hundred dollars (\$1,500) per annum, beginning on his reporting for service, and continuing until August 31, 1913. (September 12, 1912.)

## REPORT OF FEES.

The secretary presented the registrar's report of fees due from students of the University at Urbana for the summer session of 1912, as follows:

	Collected.		Refunded.		Net Total.
	No.	Amount.	No.	Amount.	
Matriculation fee (\$10) .....	9	\$ 90 00	..	.....	\$ 90 00
Incidental fee (\$12) .....	331	3,972 00	15	\$180 00	3,792 00
Incidental fee, one-half (\$6) .....	14	84 00	4	24 00	60 00
Total incidental fees .....	..	\$4,056 00	..	\$204 00	\$3,852 00
Total general fees .....	..	\$4,146 00	..	\$204 00	\$3,942 00
Laboratory Fees—					
Botany .....	..	\$ 29 50	..	.....	\$ 29 50
Chemistry .....	..	944 00	..	.....	944 00
Drawing, general engineering .....	..	4 00	..	.....	4 00
Entomology .....	..	36 00	..	.....	36 00
Mechanics, theoretical and applied .....	..	16 00	..	.....	16 00
Physics .....	..	41 50	..	.....	41 50
Physiography .....	..	12 00	..	.....	12 00
Zoology .....	..	42 00	..	.....	42 00
Total laboratory fees .....	..	\$1,125 00	..	.....	\$1,125 00
Total fees .....	..	\$5,271 00	..	\$204 00	\$5,067 00

## COMPTROLLER'S REPORT.

The secretary presented the report of Prof. S. W. Shattuck, Comptroller, for the quarter ending June 30, 1912, which was received for record.

August 31, 1912.

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

SIR: I have the honor to hand you herewith the following financial statements and papers:

Paper A is a statement of the current appropriations June 30, 1912.

Paper B is a statement of the State appropriations June 30, 1912.

Paper C is a statement of the United States fund June 30, 1912.

Paper E is a statement of the United States Agricultural Experiment Station appropriations June 30, 1912.

Paper F is a statement of the School of Pharmacy appropriations June 30, 1912.

Paper G is a statement of the College of Medicine appropriations June 30, 1912.

Paper L is a report of the receipts by the chief clerk for the three months ending June 30, 1912.

Paper M is a list of the general University vouchers presented for audit, being Nos. 14,451 to 19,825, inclusive.

Paper O is a list of the United States Agricultural Experiment Station vouchers presented for audit, being Nos. 275 to 422, inclusive.

Paper P is a list of the School of Pharmacy vouchers presented for audit, being Nos. 199 to 271, inclusive.

Paper Q is a list of the College of Medicine vouchers presented for audit, being Nos. 994 to 1,345, inclusive.

Paper R is the inventory, June 30, 1912.

Paper S is a statement of the Snyder fund loans, August 31, 1912.

Respectfully submitted,

S. W. SHATTUCK, Comptroller.

## PAPER A—CURRENT APPROPRIATIONS.

June 30, 1912.	Appropriated.	Expended.	Balance.
Accountancy .....	\$ 3,539 93	\$ 756 94	\$ 2,782 99
Agricultural College .....	49,359 46	44,100 63	5,258 83
Agricultural Experiment Station .....	33,664 81	19,541 61	14,123 20
Alumni Quarterly .....	1,000 00	1,000 00	.....
Alumni Record .....	500 00	171 93	328 07
Applied mechanics .....	2,678 79	1,325 28	1,353 51
Art and design .....	500 00	500 00	.....
Auditorium acoustics .....	354 61	317 20	37 41
Band instrument deposits .....	260 00	114 50	145 50
Beck appropriation .....	750 00	750 00	.....
Blue printing .....	4,337 16	3,737 53	599 63
Botany .....	1,760 78	1,760 78	.....
Bronze tablets .....	260 00	250 63	9 37
Chemistry .....	13,034 48	13,034 48	.....
Classics .....	100 00	100 00	.....
Dean of men .....	2,700 00	2,700 00	.....
Dean of women .....	400 00	398 20	1 80
Editing University Bulletin .....	1,000 00	.....	1,000 00
Engineering Building site .....	2,160 50	950 10	1,210 40

PAPER A—CURRENT APPROPRIATIONS—*Concluded.*

June 30, 1912.	Appropriated.	Expended.	Balance.
Engineering College .....	\$11,750 00	\$10,949 58	\$ 800 42
Engineering Experiment Station.....	339 08	.....	339 08
English .....	1,750 00	1,750 00	.....
Entomology .....	402 72	397 54	5 18
Faculty tennis courts.....	225 56	225 56	.....
Geology .....	1,121 92	1,081 12	40 80
Germanic languages .....	200 00	200 00	.....
High School contest .....	400 00	400 00	.....
History .....	150 00	148 29	1 71
Illinois Cannery Association fund.....	1,000 00	563 87	436 13
Incidentals .....	10,000 00	8,156 49	1,843 51
Labor .....	60,000 00	60,000 00	.....
Law School .....	4,700 00	4,356 53	343 47
Library and apparatus .....	489 98	489 98	.....
Library School .....	1,080 00	1,079 71	29
Library student assistants .....	3,690 00	3,690 00	.....
Library supplies .....	2,545 00	2,399 05	145 95
Lincoln Hall decoration .....	1,000 00	965 62	34 38
Lincoln Hall dedication .....	750 00	.....	750 00
Literature and Arts, College of.....	800 00	800 00	.....
Mathematics .....	400 00	400 00	.....
Medicine Committee .....	104 23	1 50	102 73
Military Department .....	950 00	950 00	.....
Military and band scholarships.....	2,000 00	2,000 00	.....
Municipal and sanitary engineering.....	173 63	173 63	.....
Music, School of .....	1,400 00	1,400 00	.....
Philology, Journal of .....	1,614 10	1,223 38	384 72
Philosophy .....	200 00	200 00	.....
Physical training, men .....	1,200 00	1,130 78	69 22
Physical training, women .....	600 00	453 98	141 02
Physiology .....	800 00	795 91	4 09
Plym fellowship .....	1,000 00	1,000 00	.....
Political science .....	50 00	50 00	.....
Psychology .....	560 04	560 04	.....
Public School Drawing Exhibit.....	50 00	49 85	15
Rebates to students .....	6,278 25	5,852 49	425 76
Romance languages .....	100 00	99 82	18
Science, College of .....	700 00	700 00	.....
Snyder fund .....	5,004 57	3,930 00	1,074 57
Sociology .....	50 00	49 48	52
Soil extension .....	2,000 00	1,480 15	519 85
Summer session .....	2,000 00	1,939 79	60 21
Supervising architect .....	1,800 00	1,800 00	.....
Telephone exchange .....	1,500 00	852 38	647 62
University fellowships .....	2,400 00	2,250 00	150 00
Water survey .....	1,066 00	1,066 00	.....
Woman's League loan fund .....	220 00	.....	220 00
Zoölogy .....	4,050 00	4,050 00	.....
<b>Totals .....</b>	<b>\$259,025 60</b>	<b>\$223,633 33</b>	<b>\$35,392 27</b>

## PAPER B—STATE APPROPRIATIONS.

June 30, 1912.	Appropriated.	Expended.	Balance.
Agricultural College .....	\$207,900 00	\$171,962 25	\$35,937 75
Agronomy Greenhouse .....	9,000 00	5,056 80	3,943 20
Animal Husbandry Building .....	80,000 00	35 35	79,964 65
Apparatus and Appliances—			
Astronomy .....	500 00	498 83	1 17
Botany .....	1,400 00	1,400 00	.....
Entomology .....	800 00	800 00	.....
Geology .....	500 00	500 00	.....
Physiology .....	800 00	789 10	10 90
<b>Totals, apparatus and appliances .....</b>	<b>\$4,000 00</b>	<b>\$3,987 93</b>	<b>\$12 07</b>
Armory .....	\$100,000 00	\$ 380 15	\$99,619 85
Buildings and grounds .....	25,000 00	25,000 00	.....
Cabinets .....	4,000 00	3,407 79	592 21
Ceramics .....	15,000 00	12,800 44	2,699 56
Ceramics Building .....	21,000 00	1,853 53	19,146 47
Clinic Building .....	5,000 00	.....	5,000 00
Cold storage .....	9,000 00	.....	9,000 00
Commerce Building .....	125,000 00	30,229 69	94,770 31
Crop experiments .....	15,000 00	11,203 85	3,796 15
Dairy Barn .....	10,000 00	.....	10,000 00
Drains, fences and repairs.....	5,000 00	2,837 74	2,162 26
Engineering Building and ground.....	200,000 00	50,997 25	149,002 75

PAPER B—STATE APPROPRIATIONS—*Concluded.*

June 30, 1912.	Appropriated.	Expended.	Balance.
Engineering Extension and Maintenance—			
College .....	\$25,000 00	\$18,024 97	\$6,975 03
Experiment Station .....	35,000 00	26,366 43	8,633 57
Salaries .....	30,000 00	30,000 00	.....
Totals, engineering extension and maintenance .....	\$90,000 00	\$74,391 40	\$15,608 60
Floriculture .....	\$ 8,000 00	\$ 8,000 00	.....
Glasshouse .....	30,000 00	.....	\$30,000 00
Graduate School .....	50,000 00	39,275 69	10,724 31
Gymnasium .....	5,000 00	2,942 43	2,057 57
Heating and lighting plant .....	30,000 00	28,159 71	1,840 29
Horticulture .....	15,000 00	15,000 00	.....
Household science .....	2,500 00	2,083 30	416 70
Interest on Endowment Fund—			
Agricultural College .....	16,205 91	16,205 91	.....
General .....	16,205 91	16,205 91	.....
Totals, interest endowment fund	\$32,411 82	\$32,411 82	.....
Law Building .....	\$ 15,000 00	\$ 1,142 92	\$13,857 08
Law School .....	25,000 00	20,027 08	4,972 92
Library .....	25,000 00	20,303 89	4,696 11
Live stock specimens .....	22,500 00	13,504 23	8,995 77
Mines investigation .....	5,000 00	2,321 09	2,678 91
Mining Building .....	25,000 00	579 53	24,420 47
Mining Engineering .....	15,000 00	6,593 23	8,406 77
Operating Expenses—			
Board expense .....	2,500 00	2,500 00	.....
Buildings and grounds .....	6,388 35	6,388 35	.....
Comptroller's office .....	3,270 00	3,270 00	.....
Education, School of .....	1,700 00	1,700 00	.....
Furniture and fixtures .....	7,191 97	6,603 36	588 61
Heat and light .....	40,000 00	48,407 77	—8,407 77
High School Visitor .....	2,700 00	2,700 00	.....
Lectures .....	5,000 00	1,888 85	3,111 15
Library shelving .....	4,050 00	1,617 74	2,432 26
Library stacks .....	385 73	385 73	.....
Natural History Library .....	5,000 00	4,725 46	274 54
President's office .....	2,000 00	1,856 31	143 69
Printing and postage .....	12,000 00	9,634 22	2,365 78
Registrar's office .....	4,200 00	4,200 00	.....
Salaries for instruction .....	373,000 00	357,395 08	15,604 92
Salaries for services .....	86,500 00	78,788 75	7,711 25
Summer session .....	13,000 00	13,000 00	.....
Unassigned .....	6,113 95	.....	6,113 95
Totals operating expenses.....	\$575,000 00	\$545,061 62	\$29,938 38
Pavements and walks .....	\$ 4,000 00	\$ 3,913 21	\$ 86 79
Sheep Building .....	2,000 00	587 02	1,412 98
Shop practice .....	6,000 00	6,000 00	.....
Social and Political Science .....	25,000 00	20,656 04	4,343 96
Soil investigation .....	65,000 00	57,681 26	7,318 74
Soil maps and investigation .....	25,000 00	8,777 02	16,222 98
Stock investigation .....	25,000 00	25,000 00	.....
University Hall .....	250,000 00	246,570 05	3,429 95
Veterinary College and Research Lab..	30,000 00	25,950 05	4,049 95
Water investigation .....	15,000 00	11,209 63	3,790 37
Water Station, 1909-11 .....	6,000 00	6,000 00	.....
Water Station, 1911-13 .....	2,000 00	2,000 00	.....
Water Survey .....	7,500 00	6,403 36	1,096 14
Woman's Building addition .....	125,000 00	25,630 88	99,369 12
	\$2,392,811 82	\$1,577,429 73	\$815,382 09

## PAPER C—UNITED STATES FUNDS.

June 30, 1912.	Appropriated.	Expended.	Balance.
Morrill Fund—			
Agricultural College .....	\$12,500 00	\$12,500 00	.....
General .....	12,500 00	12,500 00	.....
Totals Morrill fund .....	\$25,000 00	\$25,000 00	.....



PAPER C—UNITED STATES FUNDS—*Concluded.*

June 30, 1912.	Appropriated.	Expended.	Balance.
Nelson Fund—			
Agricultural College .....	\$12,500 00	\$12,500 00	.....
General .....	12,500 00	12,500 00	.....
Totals Nelson fund .....	\$25,000 00	\$25,000 00	.....
Totals .....	\$50,000 00	\$50,000 00	.....

## PAPER E—UNITED STATES AGRICULTURAL EXPERIMENT STATION.

June 30, 1912.	Appropriated.	Expended.	Balance.
Hatch fund .....	\$15,000 00		.....
Chemical supplies .....		\$ 84 44	.....
Feeding stuffs .....		419 15	.....
Freight and express .....		180 56	.....
Furniture and fixtures .....		74 87	.....
Labor .....		3,053 39	.....
Live stock .....		175 00	.....
Postage and stationery .....		221 00	.....
Salaries .....		10,719 77	.....
Scientific apparatus .....		12 97	.....
Seeds, plants, and sundries .....		46 09	.....
Total expended .....		\$14,987 24	.....
Withheld by U. S. Government .....		12 76	.....
Totals Adams fund .....	\$15,000 00	\$15,000 00	.....
Adams fund receipts .....	\$314 51	.....	\$314 51
Hatch Fund—			
Buildings and land .....		\$ 6 10	.....
Chemical supplies .....		114 23	.....
Contingent expenses .....		25 00	.....
Feeding stuffs .....		929 80	.....
Freight and express .....		15 59	.....
Furniture and fixtures .....		686 87	.....
Labor .....		2,124 88	.....
Library .....		21 70	.....
Live stock .....		51 00	.....
Postage and stationery .....		1,688 90	.....
Publications .....		454 05	.....
Salaries .....		7,620 00	.....
Scientific apparatus .....		564 85	.....
Seeds, plants and sundries .....		98 60	.....
Tools, implements and machinery .....		108 50	.....
Traveling expenses .....		440 73	.....
Total expended .....		\$14,950 80	.....
Withheld by U. S. Government .....		49 20	.....
Totals Hatch fund .....	\$15,000 00	\$15,000 00	.....
Hatch fund receipts .....	367 53	325 32	42 21
Totals .....	\$30,682 04	\$30,325 32	\$356 72

## PAPER F—SCHOOL OF PHARMACY.

June 30, 1912.	Appropriated.	Expended St. Fds.	Expended Cur. Fds.	Balance..
Advertising .....	\$1,000 00	.....	\$1,000 00	.....
Apparatus .....	1,000 00	.....	941 81	\$ 58 19
Fuel and light .....	425 00	.....	387 52	37 48
Furniture and fixtures .....	200 00	.....	148 25	51 75
Incidentals .....	733 60	.....	682 39	61 21
Laboratories .....	1,200 00	.....	1,144 94	55 06
Laboratory refunds .....	260 00	.....	199 51	60 49
Library .....	200 00	.....	167 53	22 47
Printing and postage .....	300 00	.....	294 47	5 53
Rent .....	6,000 00	4,000 00	2,000 00	.....
Repairs .....	300 00	.....	269 27	30 73
Salaries for instruction .....	8,470 00	4,595 00	3,720 00	155 00
Salaries for services .....	2,720 00	1,405 00	1,043 75	271 25
Special assessments .....	50 00	.....	50 00	.....
Telephone .....	70 00	.....	55 90	14 10
Water tax .....	11 40	.....	11 40	.....
Totals .....	\$22,940 00	\$10,000 00	\$12,116 74	\$823 26

## PAPER G—COLLEGE OF MEDICINE.

June 30, 1912.	Appropriated.	Expended.	Balance.
Medical Department—			
Advertising .....	\$ 2,000 00	\$ 1,229 64	\$ 770 36
Apparatus and materials .....	1,000 00	62 50	937 50
Buildings and grounds .....	4,820 71	3,663 45	1,157 26
Dispensary .....	500 00	380 31	119 69
Fuel and light .....	6,500 00	6,036 19	463 81
Furniture and fixtures .....	300 00	135 47	164 53
Incidentals .....	3,000 00	4,274 46	—1,274 46
Laboratories .....	6,000 00	7,562 32	—1,562 32
Laundry .....	800 00	532 54	267 46
Library .....	400 00	334 14	65 86
Maternity Hospital wards .....	1,200 00	188 15	1,011 85
Museum .....	300 00	240 29	59 71
Rent .....	16,250 00	16,250 00	.....
Repairs .....	2,000 00	.....	2,000 00
Salaries for instruction .....	15,625 00	14,740 00	885 00
Salaries for services .....	17,220 00	14,481 22	2,738 78
Stationery and printing .....	600 00	416 80	183 20
Dental Department—			
Advertising .....	900 00	228 12	671 88
Fuel and light .....	450 00	476 91	— 26 91
Furniture and fixtures .....	100 00	82 25	17 75
Incidentals .....	600 00	835 12	—235 12
Institute of pedagogics .....	300 00	300 00	.....
Laboratory and clinics .....	3,400 00	2,856 59	543 41
Laundry .....	500 00	356 13	143 87
Repairs .....	1,000 00	86 25	913 75
Salaries for instruction .....	10,015 00	9,583 30	431 70
Salaries for services .....	2,520 00	2,060 00	460 00
Stationery and printing .....	100 00	25 00	75 00
Totals .....	\$98,400 71	\$87,417 15	\$10,983 56

PAPER L—RECEIPTS AND REMITTANCES OF THE CHIEF CLERK FOR THE  
THREE MONTHS ENDING JUNE 30, 1912.

Balance April 1, 1912 .....		\$18,303 88
Accountancy .....	\$ 632 02	.....
Agricultural College .....	11,414 54	.....
Applied Mechanics .....	61 52	.....
Blue printing .....	370 51	.....
Buildings and grounds .....	597 10	.....
Chemistry .....	367 51	.....
Civil Engineering .....	148 50	.....
Crop investigation receipts .....	420 69	.....
Dairy investigation receipts .....	2,971 23	.....
Diploma fees .....	3,160 00	.....
Edward Snyder fund—Interest .....	66 14	.....
Edward Snyder fund—Principal .....	491 25	.....
Electrical engineering .....	11 50	.....
Engineering Experiment Station .....	53 08	.....
Heat and light .....	243 30	.....
Household Science Department .....	89 56	.....
Illinois Central R. R. Co. .....	1,000 00	.....
Library and apparatus .....	170 74	.....
Lockers .....	113 50	.....
Mechanical engineering .....	394 90	.....
Military Department .....	70 00	.....
Philology, Journal of .....	64 40	.....
Railway engineering .....	247 00	.....
Soil examination receipts .....	254 79	.....
Special fees .....	1,717 45	.....
Stock investigation receipts .....	8,449 38	.....
University fees .....	6,377 50	.....
University studies .....	24 48	.....
Water Survey .....	246 50	.....
		40,229 09
		\$58,532 92

## REMITTANCES TO H. A. HAUGAN, TREASURER.

1912.		
April 22. Chicago draft .....	\$10,000 00	.....
May 4. Chicago draft .....	10,000 00	.....
June 8. Chicago draft .....	10,000 00	.....
June 29. Chicago draft .....	15,000 00	.....
		\$45,000 00
Balance June 30, 1912 .....		13,532 92
		\$58,532 92

## PAPER S—EDWARD SNYDER FUND, AUGUST 31, 1912.

No.	Name.	Principal	due.	Int. paid to.
47.	Biossat, H. A.....	\$ 75 00	July 1, 1905	July 1, 1911
61.	Frank H. Rhea.....	50 00	July 1, 1905	Jan. 1, 1904
62.	Paul R. Vandervoort.....	43 68	July 1, 1905	Jan. 1, 1911
71.	Chas. M. Morris.....	200 00	July 1, 1906	July 1, 1904
73.	D. M. Crawford.....	50 00	July 1, 1907	Jan. 1, 1913
92.	John M. Boyle.....	52 50	July 1, 1907	July 1, 1910
112.	C. P. Plummer.....	150 00	July 1, 1908	July 1, 1908
115.	Ralph A. Horr.....	54 25	July 1, 1907	July 1, 1909
126.	Walter E. Billings.....	150 00	July 1, 1909	Jan. 1, 1911
157.	T. F. Dodd.....	75 00	July 1, 1909	Jan. 1, 1913
162.	Jeanette E. Edwards.....	118 75	July 1, 1910	Jan. 1, 1911
165.	E. W. McConoughey.....	200 00	July 1, 1909	July 1, 1908
167.	Chas. W. Garland.....	200 00	July 1, 1909	July 1, 1911
169.	R. L. Baker.....	150 00	July 1, 1909	July 1, 1909
170.	T. F. Dodd.....	200 00	July 1, 1909	Jan. 1, 1913
174.	C. E. Waterhouse.....	75 00	July 1, 1909	Jan. 1, 1912
179.	T. R. Howser.....	50 00	July 1, 1910	July 1, 1909
187.	R. E. Sheriff.....	45 00	July 1, 1910	July 1, 1912
189.	C. L. Harkness.....	25 00	July 1, 1911	Jan. 1, 1913
194.	E. W. Brown.....	150 00	July 1, 1911	July 1, 1909
195.	W. L. Dunn.....	50 00	July 1, 1911	July 1, 1912
196.	A. P. Bumstead.....	95 00	July 1, 1910	Jan. 1, 1911
197.	G. H. Anderson.....	200 00	July 1, 1910	Jan. 1, 1910
199.	Frances E. Clark.....	50 00	July 1, 1911	July 1, 1910
201.	T. R. Howser.....	200 00	July 1, 1910	July 1, 1909
203.	O. B. Fraser.....	100 00	July 1, 1911	Jan. 1, 1912
205.	E. V. Laughlin.....	100 00	July 1, 1911	Jan. 1, 1913
212.	W. C. Taylor.....	100 00	July 1, 1911	Jan. 1, 1912
221.	B. H. Mosby.....	30 00	July 1, 1911	July 1, 1911
225.	F. C. Grannis.....	150 00	July 1, 1912	July 1, 1912
229.	E. S. Snow.....	100 00	July 1, 1912	July 1, 1912
230.	L. F. Nickell.....	200 00	July 1, 1911	Jan. 1, 1913
236.	J. J. Bradley.....	150 00	July 1, 1911	Jan. 1, 1913
237.	A. S. Grossberg.....	100 00	July 1, 1911	Jan. 1, 1912
238.	Frances E. Clark.....	60 00	July 1, 1911	July 1, 1910
239.	B. A. Brackenbarg.....	100 00	July 1, 1911	July 1, 1913
245.	F. D. Preston.....	100 00	July 1, 1912	July 1, 1911
247.	M. L. Stevenson.....	100 00	July 1, 1912	Jan. 1, 1911
248.	D. S. Dorman.....	62 50	July 1, 1911	July 1, 1911
250.	C. M. Bunn.....	100 00	July 1, 1912	Jan. 1, 1913
251.	R. E. Brown.....	100 00	Jan. 1, 1913	Jan. 1, 1913
252.	Grant Johnson.....	100 00	July 1, 1912	July 1, 1910
253.	F. D. Preston.....	100 00	July 1, 1912	July 1, 1911
254.	F. C. Grannis.....	125 00	July 1, 1912	July 1, 1912
256.	H. T. McAllister.....	100 00	July 1, 1912	Jan. 1, 1913
257.	E. D. Swisher.....	50 00	July 1, 1912	Jan. 1, 1913
260.	E. V. Tubbs.....	100 00	July 1, 1911	Jan. 1, 1913
261.	C. L. LeSure.....	75 00	July 1, 1913	Jan. 1, 1913
263.	F. D. Preston.....	100 00	July 1, 1912	July 1, 1911
264.	R. L. Sandberg.....	50 00	July 1, 1913	July 1, 1912
265.	F. H. Swits.....	125 00	July 1, 1912	July 1, 1911
266.	D. C. Patton.....	75 00	July 1, 1912	July 1, 1912
269.	P. R. Elfstrom.....	75 00	July 1, 1914	July 1, 1912
270.	R. E. Brown.....	100 00	July 1, 1912	Jan. 1, 1913
271.	W. W. Dale.....	35 00	July 1, 1912	Jan. 1, 1913
272.	E. F. Krueger.....	100 00	July 1, 1912	Jan. 1, 1913
277.	Geo. B. Lear.....	100 00	July 1, 1913	Jan. 1, 1913
278.	Charlotte Mattoon.....	100 00	July 1, 1914	July 1, 1913
279.	K. B. White.....	150 00	July 1, 1913	Jan. 1, 1913
280.	I. M. Scholnitzky.....	150 00	July 1, 1913	July 1, 1912
281.	R. H. Albin.....	50 00	July 1, 1914	July 1, 1912
282.	Homer Hall.....	75 00	July 1, 1914	Jan. 1, 1913
283.	M. V. Osmena.....	80 00	July 1, 1913	July 1, 1911
284.	E. R. Ludwig.....	75 00	July 1, 1913	Jan. 1, 1912
285.	Geo. B. Lear.....	150 00	July 1, 1913	Jan. 1, 1913
286.	O. E. Grigsby.....	50 00	July 1, 1914	Jan. 1, 1913
287.	J. J. Yoke.....	175 00	July 1, 1914	Jan. 1, 1913
288.	A. C. Kelley.....	200 00	July 1, 1914	July 1, 1912
289.	Herman Mohr.....	100 00	July 1, 1914	Jan. 1, 1913
290.	L. L. Powell.....	200 00	July 1, 1914	Jan. 1, 1913
291.	J. N. Todd.....	100 00	July 1, 1914	Jan. 1, 1913
292.	Isidor Raffin.....	150 00	July 1, 1914	Jan. 1, 1913
293.	H. V. Stephenson.....	80 00	July 1, 1915	Jan. 1, 1913
294.	F. A. Brown.....	100 00	July 1, 1915	Jan. 1, 1913
295.	P. E. Johnston.....	100 00	July 1, 1914	Jan. 1, 1913
296.	Dewitt Billman.....	75 00	July 1, 1914	Jan. 1, 1913
297.	H. H. Harwood.....	150 00	July 1, 1915	July 1, 1912
298.	C. C. Dillon.....	150 00	July 1, 1914	Jan. 1, 1913
299.	W. F. Blatherwick.....	100 00	July 1, 1915	Jan. 1, 1913
300.	J. S. Collier.....	150 00	July 1, 1914	July 1, 1912
301.	Herman Mohr.....	100 00	July 1, 1914	July 1, 1913
302.	A. L. Epstein.....	150 00	July 1, 1915	Jan. 1, 1912

PAPER S—EDWARD SNYDER FUND, AUGUST 31, 1912—*Concluded.*

No.	Name.	Principal due.	Int. paid to.
303.	J. N. Todd.....	100 00 July 1, 1914	Jan. 1, 1913
304.	W. E. Holmes.....	100 00 July 1, 1915	July 1, 1912
306.	G. E. Simpson.....	75 00 July 1, 1915	Jan. 1, 1913
307.	E. H. Walworth.....	150 00 July 1, 1915	Jan. 1, 1913
308.	S. A. Rolston.....	100 00 July 1, 1915	July 1, 1912
309.	A. L. Myers.....	150 00 July 1, 1915	July 1, 1912
310.	G. H. Stough.....	150 00 July 1, 1915	Jan. 1, 1915
311.	A. L. Boettinger.....	50 00 July 1, 1915	Jan. 1, 1913
312.	R. D. Ingalls.....	153 75 July 1, 1914	Jan. 1, 1913
313.	Geo. E. McIntyre.....	150 00 July 1, 1915	July 1, 1912
314.	H. L. Cheney.....	150 00 July 1, 1914	Jan. 1, 1913
315.	Robert Smith, Jr.....	50 00 July 1, 1915	July 1, 1913
316.	J. L. Jalandoni.....	100 00 July 1, 1915	July 1, 1912
317.	E. N. Mattson.....	50 00 July 1, 1914	July 1, 1912
319.	L. M. Post.....	50 00 July 1, 1915	July 1, 1912
320.	Peter B. Moss.....	50 00 July 1, 1914	July 1, 1912
321.	K. T. Murphy.....	100 00 July 1, 1915	July 1, 1912
322.	G. M. Harner.....	200 00 July 1, 1915	Jan. 1, 1913
323.	Elmer Roberts.....	50 00 July 1, 1915	July 1, 1912
Total .....		\$10,710 43	

## PAPER R—INVENTORY JUNE 30, 1912.

Departments.	Permanent.		Variable.	Totals.
	Apparatus material.	Museum Illustrative.	Commercial material.	
Art and design.....	\$ 1,967 77			\$ 1,967 77
Astronomy.....	10,292 00	\$ 170 00	\$ 957 00	11,419 00
Art gallery.....		4,544 60		4,544 60
Architecture.....	22,927 93			22,927 93
Agricultural College.....	18,256 00			18,256 00
Agricultural extension.....	501 50			501 50
Animal husbandry.....	35,525 80	1,680 00	2,911 25	40,117 05
Agricultural Experiment Station.....	14,994 14			14,994 14
Botany.....	7,387 10	4,249 96	772 82	12,409 88
Ceramics.....	6,387 45			6,387 45
Chemistry.....	35,428 31	1,116 00	26,000 00	62,544 31
Civil engineering.....	17,264 00	770 00	900 00	18,934 00
Classical museum.....		527 27		527 27
Dairy department.....	15,082 37		12,353 00	27,435 37
English.....	950 33			950 33
Economics.....	2,100 75	324 44		2,425 19
Engineering Experiment Station.....	1,256 85			1,256 85
Education.....	277 15			277 15
Entomology.....	4,048 36	95 00	160 25	4,303 61
Electrical engineering.....	47,693 85	136 00	1,040 60	48,870 45
Engineering College.....	1,752 25			1,752 25
Engineering, mining.....	8,877 63			8,877 63
Fire apparatus.....	12,101 31			12,101 31
German.....	267 20	402 93		670 13
Geology.....	7,244 63	23,696 31		30,940 94
Geological survey.....	400 00			400 00
Graduate School.....	513 92			513 92
Grounds.....	1,509 45			1,509 45
Household Science.....	5,404 73	349 18	15 04	5,768 95
Horticulture.....	22,118 78	1,520 00	2,454 08	26,092 86
History.....	437 12			437 12
Laboratory of Natural History.....	29,516 86	3,050 00		32,566 86
Laboratory of Applied Mechanics.....	38,765 68	154 16		38,919 84
Library.....	434,499 96		399 62	434,899 58
Law Library.....	40,000 00			40,000 00
Library School.....	581 65			581 65
L. and A. College.....	505 40			505 40
Mathematics.....	2,402 10			2,402 10
Museum.....		10,000 00		10,000 00
Museum European Culture.....		262 30		262 30
Military band.....	3,662 20			3,662 20
Military department*.....	30,670 45			30,670 45
Mechanical engineering.....	68,846 70	1,645 35	3,586 37	74,078 62
Music.....	3,610 30			3,610 30
Pharmacy.....	18,045 56	887 50	755 20	19,688 26
Physiology.....	6,327 42			6,327 42
Physics.....	72,970 85		3,611 60	76,582 45
Physical training, women.....	4,047 68			4,047 68
Physical training, men.....	3,083 70			3,083 70

PAPER R—INVENTORY JUNE 30, 1912—*Concluded.*

Departments.	Permanent.		Variable.	Totals.
	Apparatus material.	Museum illustrative.	Commercial material.	
Psychology.....	\$ 2,564 36	.....	\$225 40	\$ 2,789 75
Railway engineering.....	26,842 90	\$2,574 00	100 00	29,516 90
Romance language.....	650 73	.....	.....	650 73
Steam department.....	140,639 33	.....	.....	140,639 33
Telephone system.....	11,366 89	.....	.....	11,366 89
Veterinary science.....	1,531 00	.....	.....	1,531 00
Zoology.....	9,822 10	870 00	146 00	10,838 10
Totals.....	\$1,253,922 49	\$59,025 00	\$56,388 43	\$1,369,335 92

\* This includes United States Government property loaned to the University.

## FURNITURE AND FIXTURES JUNE 30, 1912.

Armory .....	\$ 1,692 50
Gymnasium .....	5,471 00
Woodshop .....	2,384 25
Metal-shop .....	584 00
Electrical Engineering Laboratory .....	2,428 00
Applied Mechanics Laboratory .....	1,544 35
Engineering Hall .....	18,836 50
Law Building .....	4,041 60
University Hall .....	10,983 05
Observatory .....	391 50
Natural History Building .....	16,517 95
Chemical Building .....	4,902 30
Library .....	8,552 23
Woman's Building .....	7,215 36
Auditorium .....	4,480 50
Mechanical Laboratory .....	2,817 98
President's House .....	2,000 00
Ceramics Building .....	299 00
Power Plant .....	528 00
Physics Building .....	4,274 00
Lincoln Hall .....	7,816 50
Total .....	\$107,760 57

## RESOLUTIONS OF THE ILLINOIS STATE MEDICAL SOCIETY.

President James presented for record the following set of resolutions concerning the medical school of the University, adopted by the House of Delegates of the Illinois State Medical Society at its last meeting held at Springfield, Ill., on May 21, 1912:

WHEREAS, The Legislature of Illinois did at one time grant the sum of \$389,000 for the purpose of promoting the cause of medical education and research by enabling the University of Illinois to provide a suitable plant for its Medical School, which appropriation was lost by the veto of the Governor; and

WHEREAS, The Legislature did at its last session appropriate the sum of \$60,000 per annum to the University for the support of its Medical School, which sum was lost by a decision of the Supreme Court on a highly technical point; and

WHEREAS, On account of the failure of appropriation the University of Illinois has been compelled to close its Medical School, greatly to the injury of the interests of public health and medical progress in this State; therefore, be it

*Resolved*, That the Illinois State Medical Association in convention assembled, representing 5,500 practicing physicians, do hereby express our deep regret that the Legislature at its recent extra session did not reappropriate the sums already granted to the University for the purposes of medical education, thereby dealing a serious blow to the interests of the greatest educational institution of the State and setting back for an indefinite period the interests of public health in this commonwealth; and

*Resolved, Further*, That this association pledge itself to the support of the policy of adequate appropriations from the State treasury for the development by the State University of the work in public health, medical research, and medical education; and

*Resolved, Further*, That a standing committee consisting of one from each county be appointed, whose duty it shall be to urge upon public attention, upon the Legislature, and upon the University authorities, the necessity of making adequate provision for this great public need.

## [SECRETARY'S CERTIFICATE.]

OTTAWA, ILL., September 13, 1912.  
I hereby certify that the above whereases and resolutions were presented to the House of Delegates of the Illinois State Medical Society at its last meeting, and the same were upon motion unanimously adopted.

E. W. WEIS,  
*Secretary, Illinois State Medical Society.*

The foregoing set of resolutions of the Illinois State Medical Society was ordered to be printed in the minutes.

## RESOLUTIONS OF THE ILLINI CLUB OF CHICAGO.

President James presented also for record the following set of resolutions concerning the Medical School of the University, recently passed by the Illini Club of Chicago:

WHEREAS, The University of Illinois has ceased to conduct a School of Medicine as a department of the University, and

WHEREAS, The health of the people of the State can best be conserved by providing adequate facilities for instruction, study and research in medical science, and for the publication of medical knowledge under the supervision of a competent educational agency of the State, and

WHEREAS, The State through the University of Illinois aids in safeguarding and increasing the welfare of the people of the commonwealth by offering courses in agriculture, engineering, law, science and the arts, now, therefore, be it

*Resolved*, That we, the members of the Illini Club of Chicago, hereby declare it to be our sentiment that the University of Illinois should maintain a Department of Medicine, and for the purpose of establishing a School of Medicine, of the highest standard, we pledge our earnest efforts to assist the trustees of the University to secure therefor the site now occupied by the College of Physicians and Surgeons in the city of Chicago or any other location as may be deemed desirable; and, be it further

*Resolved*, That this resolution be sent to the trustees of the University of Illinois, and that a copy thereof be spread on the records of the Illini Club of Chicago.

Attested:

FRED J. POSTEL, *President.*

A. N. BENNETT, *Secretary.*  
Dated at Chicago, Ill., this 28th day of August, 1912.

The foregoing resolutions of the Illini Club of Chicago were ordered to be printed in the minutes.

## PLANS FOR STOCK JUDGING PAVILION.

Professor James M. White, supervising architect, who was present, presented a report of progress on the plans for the Stock Judging Pavilion.

The plans as outlined provide for a building elliptical in plan, with an arena 87 feet by 147 feet, surrounded by seats having a capacity for 2,000 people. This building is intended to be one of a group but does not include in itself any other functions than that of an exhibit arena. A stable would have to be built to the south, and at the east and west connecting buildings are to be constructed which will include classrooms, offices, and smaller judging rings. This structure is to be located on the campus meridian south of the present dairy barn. The exterior walls will have a height of about 30 feet, and the design will be Italian Renaissance, with an open arcade all the way around, giving somewhat the effect of a Roman coliseum. The roof is to be of slate or preferably tile, and the material, with the exception of the roof sheeting, is to be entirely of non-combustible materials. For the exterior of the building both terra cotta and concrete are under consideration. The appropriation available for building is \$80,000.

SERVICE BUILDINGS FOR HORTICULTURAL GREENHOUSES:  
APPROVAL OF PLANS; BIDS.

The supervising architect submitted also the plans for the service buildings in connection with the Horticultural Greenhouses.

The prints submitted provide for structures built of hollow tile with stuccoed exteriors two stories in height, the second story extending up into the roof in order to give the building as low an effect as possible. The east building, to be used in connection with the vegetable and plant breeding work, is 36 feet north and south by 86 feet, 6 inches east and west, and the Floricultural Service Building is 37½ feet north and south by 93½ feet east and west. These buildings will be isolated from all other structures except the glasshouses, and for this reason the designer has chosen a style of building which will give strong light and shade effects with the minimum height possible for a two-story building. The appropriation available for these two structures is \$26,000.

On motion of Mrs. Evans, it was voted to approve these plans for the service buildings in connection with the Horticultural Greenhouses as submitted, and to authorize the supervising architect to call for bids on the basis of these plans.

At this point Mr. Moore took his seat with the board.

#### REPORT OF THE COMMITTEE ON THE COLLEGE OF MEDICINE.

Mrs. Busey, as chairman of the Committee on the College of Medicine, reported to the board information received by the committee that donations and options have been secured for a majority of the stock of the College of Physicians and Surgeons.

Dr. D. A. K. Steele, president of the College of Physicians and Surgeons, who was present, confirmed this information, specifying that he had donations promised of 1,003 shares and written options on 785 shares, making 1,788 shares already available, out of a total of 2,170 shares.

#### RECOMMENDATION OF THE PRESIDENT OF THE UNIVERSITY.

In this connection, the president of the University recommended the adoption by the board of the following resolution:

*Resolved*, That the Board of Trustees of the University of Illinois will request the next Legislature to grant the sum of at least one hundred thousand dollars (\$100,000) per annum for the support of the University Medical School; and that they will reopen a Medical School in the city of Chicago, provided such an appropriation be obtained; and provided that the alumni of the College of Medicine, or other person, secure to the University the possession of an adequate plant and site in the city of Chicago, either by presenting to the trustees the stock of the College of Physicians and Surgeons of Chicago, or by the provision of an equally good site and plant elsewhere in the city.

President James presented also the following statement of his position in the matter:

The foregoing recommendation is based upon the conviction that the University of Illinois ought not to attempt to conduct a Medical School upon the basis of the fees of medical students alone; and that under no circumstances ought the University to attempt to conduct a Medical School without the consent of the Legislature and without an adequate appropriation from the Legislature for the support of the school.

Attention is called to the fact that the universities of Michigan, Wisconsin, Minnesota, Iowa, Indiana and Missouri all require for admission to their medical courses the completion of two full years of college work in addition to graduation from the standard four-year high school; and that all the institutions of the Association of American Universities, of which the University of Illinois is a member, so far as they conduct medical schools, require, with a single exception, similar conditions of admission. These conditions have been accepted by all persons interested in medical research and education as the minimum requirement which any university should accept.

Attention is called to the fact that it would be impossible to conduct a Medical School with such standards upon the basis of fees alone, and that, therefore, a legislative appropriation would be absolutely necessary to undertaking the control and management of a Medical Department.

The University of Illinois cannot afford to lend the weight of its influence in the slightest degree to debase the high standards of medical education which have been finally attained by the leading universities of America.

#### VOTE ON CONDITIONAL ACCEPTANCE OF P. AND S. PROPERTY.

After a full discussion of the subject from all points of view, it was voted, on motion of Mr. Hatch, that the Board of Trustees will accept the property of the College of Physicians and Surgeons, provided that all the stock has been secured and donated to the University on or before February 1, 1913.

The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Evans, Mr. Hatch, Mr. Hoit, Mr. Moore; noes, Mr. Anthony, Mrs. Busey; absent, Mrs. Bahrenburg, Mr. Deneen, Mr. Grout, Mr. Meeker.

Mrs. Busey stated in explanation of her vote that she was in favor of accepting the property of the College of Physicians and Surgeons on the condition that an adequate appropriation for the support of a medical school shall be obtained from the Legislature, but not without this condition.

At this point Mr. Hoit withdrew from the meeting.

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

President James presented the following matters for consideration:

**CURATOR OF SCHOOL OF PHARMACY.**

(1) A recommendation that Mr. W. B. Day be appointed curator of the School of Pharmacy of the University of Illinois, for one year beginning September 1, 1912; this appointment being recommended for the purpose of enabling Mr. Day to sign the necessary bonds for the withdrawal of alcohol free of taxation for the use of the School of Pharmacy.

This recommendation was approved.

**APPROPRIATION OF RECEIPTS TO DEPARTMENTS.**

(2) A request from Mr. O. E. Staples, Chief Clerk, for the following appropriations from the estimated receipts of the departments named to the uses of the respective departments:

Agricultural College .....	\$45,000 00
Agricultural Experiment Station .....	35,000 00
Blue printing .....	2,500 00
Hospital Association .....	1,800 00
Library fines .....	400 00
Rebates to students .....	5,000 00
Snyder fund, interest .....	600 00
Water Survey .....	1,000 00

This request was accompanied with the suggestion that the funds of the Hospital Association should be carried in the future like other funds on the books of the treasurer of the University instead of merely on the chief clerk's books.

The foregoing recommendation and suggestion were approved, the vote being as follows: Ayes, Mr. Abbott, Mr. Anthony, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Hatch, Mr. Moore; noes, none; absent, Mrs. Bahrenburg, Mr. Deneen, Mr. Grout, Mr. Hoyt, Mr. Meeker.

**ANNOUNCEMENT IN REGARD TO CONTEMPLATED PURCHASE OF LAND.**

(3) A recommendation from Professor James M. White, Supervising Architect, that the University publish the following announcement:

"The University of Illinois is contemplating the acquisition of considerable additional land, which may be obtained in any one of three directions from its present holdings, and the price at which the land can be obtained will very largely determine in which direction the extensions will be made. As only a part of the land needed can be purchased next year or the year after, that which can be obtained to the best advantage will be purchased first. The University cannot actually purchase any of this land before July 1, 1913, but is ready to take options at prices which it considers justifiable. The options will not be taken unless it is the present intention of the University to accept the offer providing the necessary appropriation can be obtained from the Legislature, though the University must reserve the right to decline to close the option if circumstances seem to make it undesirable.

"Persons who feel disposed to offer their property to the University under such conditions are requested to indicate such willingness, with a definite statement of the offer in writing to the Secretary of the Board of Trustees of the University of Illinois, Urbana, Ill., on or before November 1, 1912."

This recommendation was referred to the Executive Committee with power to act.

**TEMPORARY PROVISION FOR APPROVAL OF PURCHASES AND PAYMENTS.**

(4) A recommendation that Mr. Lloyd Morey, Bookkeeper in the office of the Comptroller, be authorized to approve requisitions for purchase and vouchers for payments, until further notice.

This recommendation was approved.

**APPOINTMENT OF ASSISTANT PROFESSOR OF ANIMAL HUSBANDRY.**

(5) A recommendation that Mr. Edwin Stanton Good be appointed assistant professor of animal husbandry in the College of Agriculture and assistant chief in animal husbandry in the Agricultural Experiment Station, with special reference to swine husbandry, at a salary of twenty-seven hundred dollars (\$2,700) a year, work and salary to begin as soon as he reports for service.

This recommendation was approved.



### APPOINTMENT OF FOREMEN OF STEAMFITTERS AND PLUMBERS AND ELECTRICIANS.

(6) A request from the supervising architect that Mr. C. H. Havens, now employed by the hour as foreman of steamfitters and plumbers, be placed on a salary basis at a salary of one hundred twenty dollars (\$120) a month; and that Mr. M. W. Murphy, now employed by the hour as foreman of electricians, be placed on a salary basis of one hundred ten dollars (\$110) a month; these salaries to be paid from the various appropriations from which the salaries of these men have heretofore been paid; this recommendation involving an increase of about ten dollars a month in the compensation of Mr. Havens, and of about three dollars a month in the compensation of Mr. Murphy.

This recommendation was referred to the president of the University with power to act, the vote being as follows: Ayes, Mr. Abbott, Mr. Anthony, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Hatch, Mr. Moore; noes, none; absent, Mrs. Bahrenburg, Mr. Deneen, Mr. Grout, Mr. Hoit, Mr. Meeker.

### APPOINTMENT OF STENOGRAPHER TO THE SUPERVISING ARCHITECT.

(7) A recommendation that Miss Elizabeth C. Peel be appointed stenographer in the office of the supervising architect, for twelve months beginning September 1, 1912, at a salary of seventy-five dollars (\$75) a month; this salary to be charged to the appropriation for sundries for the office of the supervising architect.

This recommendation was referred to the president of the University with power to act.

### SETTLEMENT FOR TRANSPORTATION BUILDING.

(8) A recommendation from the supervising architect that a final settlement be authorized with Messrs. V. Jobst & Sons on account of the contract for the Transportation Building recently completed.

It was voted to authorize the president of the board to settle this contract on the receipt of certificates from the supervising architect, the State Architect, and the dean of the College of Engineering that the contract has been satisfactorily completed. The vote was as follows: Ayes, Mr. Abbott, Mr. Anthony, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Hatch, Mr. Moore; noes, none; absent, Mrs. Bahrenburg, Mr. Deneen, Mr. Grout, Mr. Hoit, Mr. Meeker.

### APPROPRIATIONS FOR WALKS AND DRIVES.

(9) A request from the supervising architect that the sum of two thousand dollars (\$2,000) be appropriated from the State appropriation for pavements and walks, for the following improvements:

(a) Eight hundred dollars (\$800) for walks and drives around the Agricultural Building.

(b) Six hundred dollars (\$600) for an appropriate approach to the Auditorium.

(c) Six hundred dollars (\$600) for a pavement between Green Street and the Pumping Station, in accordance with general plans submitted.

It was voted to approve this recommendation and to appropriate the sum of two thousand dollars (\$2,000), in amounts as specified, for the improvements named. The vote was as follows: Ayes, Mr. Abbott, Mr. Anthony, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Hatch, Mr. Moore; noes, none; absent, Mrs. Bahrenburg, Mr. Deneen, Mr. Grout, Mr. Hoit, Mr. Meeker.

### APPROPRIATIONS FOR HEATING AND LIGHTING.

(10) A recommendation from the supervising architect that the appropriation for the Heating and Lighting Plant be reimbursed in the amount of three thousand dollars (\$3,000) from each of the appropriations for the two buildings located on the line of the tunnel to Lincoln Hall, namely, the Commerce Building and the addition to the Woman's Building; and a further recommendation that appropriations be made from the appropriation for the Heating and Lighting Plant as follows:

(a) Eighteen hundred dollars (\$1,800) for approximately one hundred eighty 100-Watt Tungsten fixtures for campus lighting.

(b) Twenty-three hundred dollars (\$2,300) for an air compressor.

(c) Five hundred dollars (\$500) for a vacuum pump.

(d) Five hundred dollars (\$500) for boiler repairs.

These recommendations were approved, the vote being as follows: Ayes, Mr. Abbott, Mr. Anthony, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Hatch, Mr. Moore; noes, none; absent, Mrs. Bahrenburg, Mr. Deneen, Mr. Grout, Mr. Hoit, Mr. Meeker.

### RESOLUTION CONCERNING FIREPROOF CONSTRUCTION.

(11) A recommendation that the following resolution be adopted by the Board of Trustees on the subject of fireproof construction of University buildings:

"It is the policy of the University to erect all buildings under its direction of fireproof construction, and to use fire resisting construction as far as possible in the reconstruction of nonfireproof buildings.

"Modification of this policy must be approved by the Board of Trustees in each individual case.

"This resolution is intended to be a positive order to the State Architect, the supervising architect, and other persons entrusted with the planning and erection of repairs or buildings.

"The persons in question should call the attention of the Board specifically to any proposed departure from this policy at the time plans are submitted and secure express permission to make such deviation."

The foregoing resolution was adopted. \*

### RESIGNATIONS OF PROFESSORS BURRILL AND SHATTUCK ACCEPTED.

The attention of the board was called to the fact that the resignations of Professors Burrill and Shattuck, presented by them to take effect August 31, have not been acted upon.

It was voted to appropriate the sum of \$3,000 to be paid Dr. T. J. Burrill, in recognition of the distinguished services rendered by him to the University on numerous occasions in the capacity of vice president and acting president. The vote was as follows: Ayes, Mr. Abbott, Mr. Anthony, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Hatch, Mr. Moore; noes, none; absent, Mrs. Bahrenburg, Mr. Deneen, Mr. Grout, Mr. Hoit, Mr. Meeker.

It was then voted to accept the resignation of Dr. T. J. Burrill as vice president of the University, professor of botany, and botanist in the Agricultural Experiment Station, to take effect August 31, 1912; and to accept the resignation of Professor Shattuck as comptroller of the University and professor of mathematics, to take effect August 31, 1912. The vote was as follows: Ayes, Mr. Abbott, Mr. Anthony, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Hatch, Mr. Moore; noes, none; absent, Mrs. Bahrenburg, Mr. Deneen, Mr. Grout, Mr. Hoit, Mr. Meeker.

It was voted further that a committee of the board should be appointed to draft suitable resolutions to be printed in the minutes, expressing the appreciation of the board of the services of Dr. Burrill and Dr. Shattuck.

### MINUTES APPROVED.

The secretary presented the minutes of the meetings of June 7, June 11, July 5, July 13, and August 23, 1912, which were approved.

The secretary presented also the minutes of the meetings of the Executive Committee held on July 5, July 13, and August 23, 1912, which were received for record.

### COMPENSATION OF PROFESSOR GOODMAN.

It was voted that the salary of Mr. F. M. Goodman, as professor of the School of Pharmacy, for the year beginning September 1, 1912, should be fixed at \$1,200. The vote was as follows: Ayes, Mr. Abbott, Mr. Anthony, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Hatch, Mr. Moore; noes, none; absent, Mrs. Bahrenburg, Mr. Deneen, Mr. Grout, Mr. Hoit, Mr. Meeker.

The board adjourned.

W. L. ABBOTT, *President*.

C. M. McCONN, *Secretary*.

## Meeting of October 8, 1912.

---

A special meeting of the Board of Trustees of the University of Illinois was held in the office of the State Superintendent of Public Instruction, at Springfield, Ill., on Tuesday, October 8, 1912, beginning at 10:30 A.M., pursuant to the following notice which was sent out by the secretary on September 30, 1912:

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 office of the State Superintendent of Public Instruction, at Springfield, Ill., on Tuesday, October 8, 1912, beginning 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: Mr. Abbott, Mr. Blair, Mr. Grout, Mr. Hatch.

The secretary presented an invitation from Mr. George A. Anthony, president of the State Board of Agriculture and a member of the Board of Trustees, inviting the members of the board to a luncheon at one o'clock at the State Fair Grounds.

There being no quorum present, a recess was taken until after the luncheon with Mr. Anthony.

W. L. ABBOTT, *President.*

C. M. McCONN, *Secretary.*

---

## MEETING OF THE EXECUTIVE COMMITTEE OCTOBER 8, 1912.

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 Springfield, Ill., on Tuesday, October 8, 1912, immediately following the adjournment of the morning session of the Board of Trustees held on the same date.

All the members of the Executive Committee were present, namely, Messrs. Abbott, Grout, and Hatch; also Mr. Blair and Mrs. Evans. Mr. Moore joined the committee toward the end of their meeting.

## COAL CONTRACT AWARDED.

President Abbott reported that he had awarded the contract for coal for the University for the period between September 1, 1912, and August 31, 1913, to the Electric Coal Company, of Danville, Ill.; the coal to be one and one-quarter inch screenings from the contractor's mine in the Danville District, and to be delivered as required on the switch track at the University boiler house in Urbana, at one dollar and twenty-five cents (\$1.25) per ton. This action of the president of the board was approved.

## PROPOSED VIEWS OF THE UNIVERSITY CAMPUS.

A Mr. Hobbes, representing the company owning the patents on the Bell camera, was heard with reference to a plan of taking birdseye views of the University campus.

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

The secretary presented the following report of appointments made by the president of the University to fill vacancies in the budget passed on July 5, 1912:

Batkin, Paul J., Assistant in English, on half time, for ten months beginning September 1, 1912, at a salary of forty dollars (\$40) a month. (October 2, 1912.)\*

Bond, Ethel, Instructor in Library Economy, for eleven months beginning October 1, 1912, at a salary of eighty-three and 33-100 dollars (\$83.33) a month. (October 2, 1912.)

Brumfiel, D. M., Scholar in Entomology, for the academic year 1912-13, with a stipendium of two hundred twenty-five dollars (\$225) for the year. (September 25, 1912.)

Cromer, C. O., Fellow in Farm Management and Accounting, for the academic year 1912-13, with a stipendium of two hundred seventy dollars (\$270) for the year. (September 26, 1912.)

Crowder, B. H., Custodian in the Law Library, for nine months beginning September 26, 1912, at a salary of fifteen dollars (\$15) a month. (September 26, 1912.)

Cummins, W. E., Assistant Custodian in the Law Library, for nine months, beginning September 16, 1912, at a salary of fifteen dollars (\$15) a month. (September 26, 1912.)

Curtis, Florence R., salary as Instructor in Library Economy in the Library School and Departmental Library Assistant in Library Economy increased from one hundred dollars (\$100) to one hundred ten dollars (\$110) a month, beginning October 1, 1912 (until August 31, 1913), by reason of increased duties. (September 26, 1912.)

Felsenthal, Emma, salary as Lecturer on General Reference in the Library School and Reference Assistant in the Library increased from seventy dollars (\$70) to seventy-five dollars (\$75) a month, beginning October 1, 1912 (until August 31, 1913), by reason of increased duties. (October 2, 1912.)

Fletcher, C. H., Assistant Custodian in the Law Library, for nine months beginning September 16, 1912, at a salary of fifteen dollars (\$15) a month. (September 26, 1912.)

Glasgow, Hugh, Assistant in Entomology, for ten months beginning September 1, 1912, at a salary of sixty dollars (\$60) a month. (September 23, 1912.)

Good, Elizabeth, Stenographer in the Department of Electrical Engineering, for twelve months beginning September 1, 1912, at a salary of forty dollars (\$40) a month. (September 23, 1912.)

Havens, C. H., Foreman of Steamfitters and Plumbers, at a salary of one hundred twenty dollars (\$120) a month beginning October 1, 1912, and continuing until further notice or until August 31, 1913. (September 26, 1912.)

Hirschkind, Wilhelm, Instructor in Chemistry, for nine months beginning October 1, 1912, at a salary of eighty dollars (\$80) a month, vice R. H. Jesse. (September 27, 1912.)

Just,\* Josephine Anna, Stenographer in the Department of Zoölogy, on two-thirds time, on probation for three months beginning October 3, 1912, at a salary of thirty-three and 33-100 dollars (\$33.33) a month. (October 4, 1912.)

Kirwan, Nora I., Stenographer in the Office of the University Librarian, at a salary of forty-one and 66-100 dollars (\$41.66) a month, beginning September 1, 1912, and continuing until further notice or until August 31, 1913. (October 2, 1912.)

Lamb, Allie, Filing Clerk in the Registrar's Office, at a salary of forty-five dollars (\$45) a month, beginning September 1, 1912, and continuing until further notice or until August 31, 1913. (September 26, 1912.)

Manley, Edwin J., Instructor in Swimming, for the academic year 1912-13, service beginning October 1, 1912, at a salary of seven hundred dollars (\$700) for the year. (October 2, 1912.)

Miller, F. R., Page in the University Library, beginning September 16, 1912, and continuing until further notice or until August 31, 1913, to be paid by the hour at the rate of twenty-five cents (25c) an hour. (October 3, 1912.)

Mitchell, Margaret, Sunday Assistant in the Library, from September 22, 1912, until June 1, 1913, with a compensation of eight dollars (\$8) a month, vice Catherine Oaks. (September 23, 1912.)

Murphy, M. W., Foreman of Electricians, at a salary of one hundred ten dollars (\$110) a month, beginning October 1, 1912, and continuing until further notice or until August 31, 1913. (September 26, 1912.)

Oaks, Catherine, Reviser in the Library School, for three months, beginning as soon as she reports for service, at a salary of seventy-five dollars (\$75) a month. (September 23, 1912.)

Peel, Elizabeth C., Stenographer in the Office of the Supervising Architect, at a salary of seventy-five dollars (\$75) a month, beginning September 1, 1912, and continuing until further notice or until August 31, 1913. (October 4, 1912.)

\* The date in parenthesis after each item is the date when the appointment was officially made by the President of the University.

Reece, Ernest J., Instructor in Library Economy, for ten months beginning September 1, 1912, at a salary of one hundred fifty dollars (\$150) a month. (October 2, 1912.)

Sarett, L. R., Assistant in Public Speaking, for ten months, beginning September 1, 1912, at a salary of eighty dollars (\$80) a month. (September 24, 1912.)

Seidenberg, N. C., Assistant Custodian in the Law Library, for nine months, beginning September 16, 1912, at a salary of fifteen dollars (\$15) a month. (September 26, 1912.)

Schneider, H. F., Graduate Assistant in Chemistry, for ten months, beginning September 1, 1912, at a salary of thirty dollars (\$30) a month, vice L. F. Foster. (September 23, 1912.)

Simpson, Frances, Assistant Director of the Library School, for the year beginning September 1, 1912, with a compensation as Assistant Director (in addition to her salary as Assistant Professor of Library Economy and Reference Librarian) of twenty-five dollars (\$25) a month. (September 26, 1912.)

Stevens, Grace E., Assistant in Household Science, for ten months beginning September 1, 1912, at a salary of ninety dollars (\$90) a month. (October 4, 1912.)

Sutherland, G. F., Page in the University Library, beginning September 16, 1912, and continuing until further notice or until August 31, 1913, to be paid by the hour at the rate of twenty-five cents (25c) an hour. (October 3, 1912.)

Wakely, Leslie M., Assistant in Dairy Husbandry in the Agricultural Experiment Station, for ten months beginning November 1, 1912, at a salary of one hundred dollars (\$100) a month. (September 23, 1912.)

Wells, John Richard, Assistant in Animal Husbandry in the College of Agriculture and in the Agricultural Experiment Station, for twelve months beginning September 1, 1912, at a salary of seventy dollars (\$70) a month. (September 25, 1912.)

### REPORT OF THE BUSINESS OFFICE.

The secretary presented the report of the business office for the quarter ending September 30, 1912, which was received for record.

#### RECEIPTS AND REMITTANCES OF THE CHIEF CLERK.

Balance, July 1, 1912..... \$13,532 92 .....

##### RECEIPTS.

Agricultural College .....	\$10,897 32		
Agricultural Experiment Station receipts.....	3,070 43		
Blue printing .....	869 97		
Buildings and grounds .....	255 94		
B'nai B'rith Library .....	525 00		
Chemistry .....	6 67		
Diplomas .....	10 00		
Engineering College .....	355 80		
Engineering Experiment Station.....	77 75		
Hatch fund receipts .....	25 00		
Hospital Association .....	825 00		
Library fines .....	27 35		
Lockers—General .....	340 50		
Lockers—Gymnasium .....	1,695 00		
Military Department .....	10 00		
Philology, Journal of.....	169 50		
Plym fellowship .....	1,000 00		
Snyder fund, interest .....	145 35		
Snyder fund, principal .....	830 00		
Soil extension (I. C. R. R. Co.).....	500 00		
Special fees .....	13,479 00		
University fees .....	48,662 50		
University studies .....	2 80		
Water survey .....	100 00		
Zoölogy .....	20 90		
		83,895 78	

##### REMITTANCES TO H. H. HAUGAN, TREASURER.

August 2, 1912.....	\$ 7,000 00		
September 3, 1912.....	525 00		
September 14, 1912.....	10,000 00		
September 20, 1912.....	20,000 00		
September 26, 1912.....	20,000 00		
September 26, 1912.....	1,000 00		
September 28, 1912.....	23,615 15		
		\$82,140 15	
Balance, September 30, 1912.....		15,288 55	
		\$97,428 70	\$97,428 70

## EXPENDITURES.

## CURRENT APPROPRIATIONS.

	Appropriation.	Expenditures before reported.	Expenditures this quarter.	Total expended.	Balance.
Accountancy.....	\$ 2,782 99		\$ 362 05	\$ 362 05	\$ 2,420 94
Agricultural college.....	16,176 40		7,246 28	7,246 28	8,930 12
Agricultural experiment station.....	17,193 63		2,017 09	2,017 09	15,176 54
<i>Alumni Quarterly</i> .....	1,000 00		250 00	250 00	750 00
<i>Alumni Record</i> .....	5,328 07		356 96	356 96	4,971 11
Applied mechanics.....	1,353 51		89	89	1,352 62
Art and design.....	500 00				500 00
Band instruments deposits.....	145 50		10 00	10 00	135 50
Blue printing.....	869 97		388 96	388 96	481 01
B'nai B'rith library.....	525 00				525 00
Botany.....	2,500 00		532 73	532 73	1,967 27
Chemistry.....	15,000 00		7,238 92	7,238 92	7,761 08
Classics.....	100 00				100 00
Dean of men.....	3,000 00		559 80	559 80	2,440 20
Dean of women.....	500 00		48 50	48 50	451 50
Editing University Bulletin.....	1,000 00				1,000 00
Education, school of.....	2,250 00		71 00	71 00	2,179 00
Engineering building site.....	1,210 40		1 20	1 20	1,209 20
Engineering college.....	12,000 00		1,859 53	1,859 53	10,140 47
Engineering experiment station.....	416 83				416 83
English.....	1,550 00		104 39	104 39	1,445 61
Entomology.....	1,451 00		831 33	831 33	619 67
Geology.....	1,340 80		144 53	144 53	1,196 27
German language.....	200 00				200 00
Gymnasium lockers.....	1,695 00		588 00	588 00	1,107 00
High school contest.....	400 00		20 00	20 00	380 00
History.....	150 00		1 40	1 40	148 60
Hospital association.....	825 00		369 50	369 50	455 50
Illinois Cannery association fund.....	436 13		199 83	199 83	236 30
Incidentals.....	10,000 00		1,880 61	1,880 61	8,119 39
Labor.....	60,000 00		11,180 55	11,180 55	48,819 45
Library.....	3,145 00		507 10	507 10	2,637 90
Library fines.....	27 35		25 00	25 00	2 35
Library school.....	1,080 00		11 90	11 90	1,068 10
Library students assistants.....	3,580 00		798 90	798 90	2,781 10
Library supplies.....	145 95		145 95	145 95	
Lincoln hall dedication.....	750 00				750 00
Literature and arts, college of.....	800 00		66 45	66 45	733 55
Mathematics.....	200 00		5 50	5 50	194 50
Medicine, college of.....	16,644 12		11,869 65	11,869 65	4,774 47
Military department.....	1,150 00		120 35	120 35	1,029 65
Military and band scholarships.....	2,000 00				2,000 00
Music, school of.....	1,400 00		276 29	276 29	1,123 71
Pharmacy, school of.....	9,840 10		2,630 26	2,630 26	7,209 84
Philology, Journal of.....	554 22		41 42	41 42	512 80
Philosophy.....	100 00		4 95	4 95	95 05
Physical training, women.....	741 02		136 54	136 54	604 48
Physical training, men.....	1,200 00		10 00	10 00	1,190 00
Physics, laboratory assistants.....	600 00				600 00
Physiology.....	1,900 00		5 58	5 58	1,894 42
Plym fellowship.....	1,000 00		400 00	400 00	600 00
Political science.....	50 00				50 00
Psychology.....	500 00		20 00	20 00	480 00
Public school drawing exhibit.....	50 00				50 00
Rebates to students.....	5,000 00		740 70	740 70	4,259 30
Romance languages.....	100 00		2 09	2 09	97 91
Science, college of.....	700 00		92 37	92 37	607 63
Snyder fund.....	1,904 57		1,500 00	1,500 00	404 57
Snyder fund interest.....	600 00				600 00
Sociology.....	50 00		8 00	8 00	42 00
Soil extension (I. C. R. R.).....	1,019 85		612 11	612 11	407 74
Summer library school.....	515 00				515 00
Supervising architect.....	1,800 00		460 58	460 58	1,339 42
University fellowships.....	2,400 00		185 00	185 00	2,215 00
Water survey receipts.....	100 00		23 05	23 05	76 95
Woman's league loan fund.....	220 00				220 00
Zoology.....	4,750 00		685 87	685 87	4,064 13
Totals, current appropriations.....	\$228,517 41		\$57,649 66	\$57,649 66	\$170,867 75

## EXPENDITURES—Continued.

## STATE APPROPRIATIONS.

	Appropriation.	Expenditures before reported.	Expenditures this quarter.	Total expended.	Balance.
Agricultural College .....	\$415,800 00	\$171,962 25	\$53,586 28	\$225,548 53	\$190,251 47
Agronomy green house.....	9,000 00	5,056 80	3,096 07	8,152 87	847 13
Animal husbandry building...	80,000 00	35 35	259 51	294 86	79,705 14
Apparatus and appliances—					
Closed out .....	3,987 93	3,987 93		3,987 93	
Astronomy.....	3,101 17		1,546 49	1,546 49	1,554 68
Botany.....	900 00		35 25	35 25	864 75
Physiology (balance).....	10 90		10 90	10 90	
Totals, apparatus and appliances.....	\$8,000 00	\$3,987 93	\$1,592 64	\$5,580 57	\$2,419 43
Armory.....	\$100,000 00	\$ 380 15	\$ 3,339 95	\$ 3,720 10	\$ 96,297 90
Buildings and grounds.....	50,000 00	25,000 00	5,797 84	30,797 84	19,202 16
Cabinets—					
Closed out*.....	3,407 79	3,407 79		3,407 79	
Lincoln hall.....	3,480 84		1,128 16	1,128 16	2,352 68
Natural history museum..	1,111 37		135 84	135 84	975 53
Totals, cabinets.....	\$8,000 00	\$3,407 79	\$1,264 00	\$4,671 79	\$3,238 21
Ceramics.....	\$ 30,000 00	\$12,300 44	\$ 2,686 16	\$14,986 60	\$ 15,013 40
Ceramics building.....	21,000 00	1,853 53	7,614 35	9,467 88	11,532 12
Chemical laboratory.....	20,000 00	10,000 00	4,568 39	14,568 39	5,431 61
Clinic building.....	5,000 00				5,000 00
Cold storage.....	9,000 00				9,000 00
Commerce building.....	125,000 00	30,229 69	30,032 05	60,261 74	64,738 26
Crop experiments.....	30,000 00	11,203 85	4,326 84	15,530 69	14,469 31
Dairy barn.....	10,000 00		812 87	812 87	9,187 13
Dairy investigation.....	30,000 00	15,000 00	5,392 86	20,392 86	9,607 14
Drains, fences and repairs...	5,000 00	2,837 74		2,837 74	2,162 26
Engineering bldg. and ground	200,000 00	50,997 25	68,317 41	119,314 66	80,685 34
Engineering extension and maintenance—					
Closed out*.....	74,391 40	74,391 40		74,391 40	
College.....	31,975 03		5,941 34	5,941 34	26,033 69
Experiment station.....	43,633 57		9,632 48	9,632 48	34,001 09
Salaries.....	30,000 00		2,999 98	2,999 98	27,000 02
Totals, engineering experiment station..	\$180,000 00	\$74,391 40	\$18,573 80	\$92,965 20	\$87,034 80
Fire protection.....	\$ 3,000 00	\$ 1,500 00	\$ 875 34	\$ 2,375 34	\$ 624 66
Floriculture.....	16,000 00	8,000 00	1,966 50	9,966 50	6,033 50
Glass house.....	30,000 00		3,314 20	3,314 20	26,685 80
Graduate school.....	100,000 00	39,275 69	6,025 27	45,300 96	54,699 04
Gymnasium.....	5,000 00	2,942 43	1,209 85	4,152 28	847 72
Heating and lighting plant...	30,000 00	28,159 71	588 77	28,748 48	1,251 52
Horticulture.....	30,000 00	15,000 00	3,689 65	18,689 65	11,310 35
Household science.....	5,000 00	2,083 30	416 70	2,500 00	2,500 00
Interest on endowment fund—					
Closed out*.....	32,411 82	32,411 82		32,411 82	
Agricultural College.....	8,103 98		8,103 98	8,103 98	
General.....	8,103 98		1,624 99	1,624 99	6,478 99
Totals, interest endowment fund.....	\$48,619 78	\$32,411 82	\$9,728 97	\$42,140 79	\$6,478 99
Law building.....	\$ 15,000 00	\$ 1,142 92	\$ 2,679 78	\$ 3,822 70	\$ 11,177 30
Law school.....	50,000 00	20,027 08	5,617 25	25,644 33	24,355 67
Library.....	50,000 00	20,303 89	4,358 23	24,662 12	25,337 88
Live stock specimens.....	22,500 00	13,504 23	692 55	14,196 78	8,303 22
Mines, investigation.....	10,000 00	2,321 09	4,023 43	6,344 52	3,655 48
Mining building.....	25,000 00	579 53	8,329 55	8,909 08	16,090 92
Mining engineering.....	30,000 00	6,593 23	2,764 97	9,358 20	20,641 80
Operating expenses—					
Closed out*.....	545,061 62	545,061 62		545,061 62	
Board expense.....	2,500 00		94 94	94 94	2,405 06
Comptroller's office.....	3,270 00		559 49	559 49	2,710 51
Furniture and fixtures.....	5,000 00		228 78	228 78	4,771 22
Heating and lighting.....	40,000 00		6,856 80	6,856 80	33,143 20
High School Visitor.....	2,900 00		303 17	303 17	2,596 83
Lectures.....	5,000 00				5,000 00
Library shelving.....	500 00		500 00	500 00	

EXPENDITURES—*Concluded.*

	Appropriation.	Expenditures before reported.	Expenditures this quarter.	Total expended.	Balance.
Operating expenses— <i>Concluded.</i>					
President's office.....	\$ 2,000 00	.....	\$ 315 50	\$ 315 50	\$ 1,684 50
Printing and postage.....	12,000 00	.....	688 41	688 41	11,311 59
Registrar's office.....	4,220 00	.....	1,417 39	1,417 39	2,802 61
Salaries for instruction.....	415,000 00	.....	88,752 57	88,752 57	326,247 43
Salaries for services.....	97,000 00	.....	21,808 88	21,808 88	75,191 12
Summer session, 1912.....	14,027 91	.....	13,537 83	13,537 83	490 08
Unassigned.....	1,520 47	.....	.....	.....	1,520 47
Totals, operating expenses.....	\$1,150,000 00	\$545,061 62	\$135,063 76	\$680,125 38	\$469,874 62
Pavements and walks.....	\$ 8,000 00	\$ 3,913 21	.....	\$ 3,913 21	\$ 4,086 79
Pharmacy, School of.....	20,000 00	10,000 00	\$ 2,913 33	12,913 33	7,086 67
Sheep building.....	2,000 00	587 02	1,405 42	1,992 44	7 56
Shop practice.....	12,000 00	6,000 00	3,216 97	9,216 97	2,783 03
Social and Political Science.....	50,000 00	20,656 04	4,980 47	25,636 51	24,363 49
Soil investigation.....	130,000 00	57,681 26	27,531 54	85,212 80	44,787 20
Soil maps.....	50,000 00	8,777 02	2,476 30	11,253 32	38,746 68
Stock investigation.....	50,000 00	25,000 00	5,702 05	30,702 05	19,297 95
Telephone exchange.....	3,000 00	1,500 00	290 01	1,790 01	1,209 99
University Hall.....	250,000 00	246,570 05	2,827 80	249,397 85	602 15
Veterinary College and Residence Laboratory.....	30,000 00	25,950 05	15 36	25,965 41	4,034 59
Water investigation.....	30,000 00	11,209 63	3,947 10	15,156 73	14,843 27
Water station.....	4,000 00	2,000 00	1,582 16	3,582 16	417 84
Water survey.....	15,000 00	6,403 86	1,173 46	7,577 32	7,422 68
Women's Building addition..	125,000 00	25,630 88	31,976 01	57,606 89	67,393 11
Total State appropriations	\$3,734,919 78	\$1,609,429 73	\$492,643 77	\$2,102,073 50	\$1,632,846 28

## UNITED STATES APPROPRIATIONS.

	Appropriation.	Expended before reported.	Expended this quarter.	Total expended.	Balance.
Adams fund.....	\$15,000 00	.....	\$2,584 89	\$2,584 89	\$12,415 11
Adams fund receipts.....	314 51	.....	.....	.....	314 51
Hatch fund.....	15,000 00	.....	1,844 78	1,844 78	13,155 22
Hatch fund receipts.....	67 21	.....	3 84	3 84	63 37
Morrill fund—					
Agricultural College.....	12,500 00	.....	.....	.....	12,500 00
General.....	12,500 00	.....	2,341 63	2,341 63	10,158 37
Totals, Morrill.....	\$25,000 00	.....	\$2,341 63	\$2,341 63	\$22,658 37
Nelson fund—					
Agricultural College.....	\$12,500 00	.....	.....	.....	\$12,500 00
General.....	12,500 00	.....	.....	.....	12,500 00
Totals, Nelson.....	\$25,000 00	.....	.....	.....	\$25,000 00
Totals, U. S. Appropriations.....	\$80,381 72	.....	\$6,775 14	\$6,775 14	\$73,606 58
Grand totals.....	\$4,043,818 91	\$1,609,429 73	\$557,068 57	\$2,166,498 30	\$1,877,320 61

\*Closed out—Total amount expended 1911-1912.

## CASH SUMMARY.

Balance, July 1, 1912.....	.....	\$607,488 81	
Receipts for the quarter—			
Chief clerk.....	\$ 83,895 78	.....	
Treasurer (not including remittances of the chief clerk).....	504,694 70	.....	
		588,590 48	



CASH SUMMARY—*Concluded.*

Expenditures for the quarter.....			\$557,068 57
Balance, September 30, 1912—			
Chief clerk.....	\$ 15,288 55		
Treasurer (less outstanding warrants).....	623,722 17		639,010 72
		\$1,196,079 29	\$1,196,079 29

## CURATORSHIP OF SCHOOL OF PHARMACY.

The secretary presented a recommendation that the appointment of Mr. W. B. Day as curator of the School of Pharmacy might be made without term, or, in other words, until further notice, instead of for one year beginning September 1, 1912, as it stands by the action of the board taken on September 19, 1912 (p. 119); this recommendation being made for the reason that the Internal Revenue officer in charge of the department in which the city of Chicago is located objects to the limited term of appointment. This recommendation was approved.

## REPORT OF REGISTRATION, OCTOBER 1, 1912.

The secretary presented the following report of the registration in the University on October 1, 1912:

## REGISTRATION.

## COLLEGES AND SCHOOLS AT URBANA OCTOBER 1, 1912.

Colleges and schools.	Men.		Women.		Total.	
	1911.	1912.	1911.	1912.	1911.	1912.
Literature and arts.....	465	435	417	426	822	861
Science .....	301	350	69	75	370	425
Engineering .....	1,209	1,151	1	1	1,210	1,152
Agriculture .....	630	714	90	86	720	800
Music .....	4	4	64	72	68	76
Total undergraduates .....	2,609	2,654	641	660	3,250	3,314
Law .....	114	118	....	....	114	118
Library science .....	1	1	37	32	38	33
Graduate School .....	175	180	43	38	218	218
Total in residence October 1.....	2,899	2,953	721	730	3,620	3,683
Summer session .....	417	430	230	210	647	640
Deduct duplicates .....	219	222	69	51	288	273
Net summer session .....	198	208	161	159	359	367
Total to date in Urbana.....	3,097	3,161	882	889	3,979	4,050
Increase (Urbana) .....	....	....	....	....	193	71
Per cent of increase (Urbana).....	....	....	....	....	4.85	1.75
School of Pharmacy (Chicago).....	187	178	4	4	191	182

The committee adjourned.

C. M. McCONN, *Clerk.*

W. L. ABBOTT,

A. P. GROUT,

FRED L. HATCH,

*Executive Committee.*

AFTERNOON SESSION OF THE BOARD OF TRUSTEES  
OCTOBER 8, 1912.

When the Board of Trustees of the University of Illinois convened at the State Fair Grounds, Springfield, Ill., on the afternoon of Tuesday, October 8, 1912, pursuant to the action taken at the morning session on the same date, the following members were present: Mr. Abbott, Mr. Anthony, Mr. Blair, Mrs. Evans, Mr. Grout, Mr. Hatch, Mr. Moore. President James was present.

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

President James presented the following matters for consideration:

**PLANS FOR STOCK JUDGING PAVILION APPROVED: BIDS AUTHORIZED.**

(1) The detailed plans for the Stock Judging Pavilion, worked out in accordance with the general plans submitted at the meeting of September 19, 1912 (p. 117); accompanied by a request from the State Architect for authority to call for bids.

On motion of Mr. Blair, it was voted to approve the plans as submitted and to authorize the State Architect to call for bids on the basis of these plans.

**WILLIAM B. MCKINLEY LOAN FUND.**

(2) The following letter from Hon. William B. McKinley, of Champaign, Ill., presenting personal notes from students or former students of the University of Illinois to the amount of ten thousand four hundred eighty-one dollars (\$10,481), for the purpose of establishing a student loan fund:

CHAMPAIGN, ILL., October 3, 1912.

*To the Trustees of the University of Illinois.*

GENTLEMEN: For about fifteen years I have loaned money to students of the University of Illinois to enable them to complete their course of study in the University. I have taken notes from these students, bearing 5 per cent interest, to be repaid at their convenience. I have become so convinced of the valuable and satisfactory results of this work that I desire to make it permanent, as far as possible. I am willing, therefore, to turn over these notes to the University of Illinois, with the understanding that as they are paid off the money shall be turned into a fund and the proceeds used to extend loans to worthy and promising students. As I wish these loans to be made only to persons of character, I shall be pleased if you would be satisfied with notes given by the parties concerned, without requiring other security. I have been indebted to Dean Clark for assistance in selecting students for these loans and have been entirely satisfied with his judgment.

Without excluding particularly meritorious cases in the lower classes, I think it would be well to limit these loans chiefly to upper class men. I shall be glad to turn over these notes, amounting to ten thousand four hundred and eighty-one dollars (\$10,481), as soon as the Board of Trustees indicates its willingness to accept them for the purpose and on the terms indicated in this communication.

W. B. MCKINLEY.

On motion of Mrs. Evans, it was voted that this donation be accepted for the purpose and on the conditions indicated in the foregoing letter; that the fund thus established be called the William B. McKinley Loan Fund; and that the president of the University be requested to express to Mr. McKinley the board's hearty appreciation of this generous gift.

**AUTHORITY TO SUE FOR RECOVERY OF MONEY FROM THE SYNDER LOAN FUND.**

(3) A recommendation that the Council of the University be authorized to bring suit, whenever the Council of Administration shall by formal vote so request, against persons who have borrowed money from the Snyder loan fund and who after repeated notices have failed to pay the interest and have failed to pay the principal when the notes have become due.

On motion of Mr. Hatch, this recommendation was approved.

**SCHOLARSHIPS FROM THE HENRY STRONG EDUCATIONAL FUND.**

(4) The following communication addressed to the President of the University from the trustees of an educational fund provided for in the will of the late Henry Strong:

CHICAGO, ILL.

*President of the University of Illinois, Urbana, Ill.*

SIR: The undersigned, being the four children of Henry Strong, lately deceased, and trustees in fact of the educational fund provided in his will, have to invite your attention to a proposed allotment of a portion of this fund to the University of Illinois.

We enclose herewith a printed copy of excerpts from the will establishing such educational fund. We further enclose a printed form of application, upon the basis of which we have arranged to receive and grant requests for individual scholarships. The restrictions in the will and also the form of application will apply to all requests whether such come to us individually and direct, or through the channels of an institution, such as your own.

We have thought it desirable to make an allotment of a definite sum from the educational fund to each of the several State universities with which the testator had associations through his own education or through his later residence or property interests. Acting upon this principle, it is our wish, with your approval, to allot to the University of Illinois the sum of five hundred dollars (\$500) for the scholastic year 1912 to 1913, for the purpose of providing scholarships for meritorious students at your institution to be selected by yourself. Such students would thereupon fill out such application blanks as that enclosed, which would be forwarded by them through you to us; and, carrying your approval as to the selection of the individual and as to amount of the scholarship to be awarded, would thereupon be approved by us as a matter of course and passed to the trustee of the estate itself as a warrant for payment.

We should prefer to leave the initiative as to the distribution of this sum entirely in your hands, subject of course to the restrictions of the will, and request you to work out the details of the most efficient distribution according to your own judgment. You no doubt have a scholarship committee skilled in such matters who could bring wide experience and sound judgment to bear thereon. We would, however, in this connection make one or two suggestions:

In the first place, it would seem to us desirable to make more than one scholarship of the total annual sum proposed, five hundred dollars (\$500). We understand that cases are frequent in which \$300, \$200 or even \$100 is all that stands between an enterprising young person and a college education—in which he or she can supply the remainder by individual effort, by other scholarships, or from home sources. By making good the partial deficiency in a number of such cases more would seem to be accomplished than by paying the entire expenses of a single young man or woman.

In the second place, it would seem to us desirable in the selection of beneficiaries to be guided largely not only by the amount of learning the beneficiary will be enabled to acquire, but by the probable use he or she will make of it. Thus an earnest student but otherwise characterless young person would not probably make us as large a return to society for the education acquired as would a forceful young man who might, through partial self-support or other commendable interests, take a less high rank in his studies.

Finally, where other considerations are equal, it would seem to us desirable to give preference to a young man as compared with a woman. It is the purpose of the fund to provide that education which will in turn provide self-support. It is, of course, a fact that a considerable majority of young women receiving a college education sooner or later marry, whereby their education ceases to be a factor in their support and drops from the rank of a necessity to that of a luxury—however desirable as such—and is to just that extent wasted. It is also, of course, a fact that a considerable majority of young men receiving a college education sooner or later marry, whereby their education becomes a factor in the support not only of themselves, but of their wives and children, and tends to raise the economic and social standard of the family in their own and succeeding generations—and is to that extent multiplied.

Any allotment of the Henry Strong Educational fund must be made year after year, and the above five hundred dollars (\$500) is hereby offered for the scholarship year 1912 to 1913 only. It is our intention, however, if this allotment works out satisfactorily to you and to ourselves, to continue it from year to year.

If this plan meets your approval, we should be glad to hear from you to that effect as soon as convenient; and we will thereupon forward application blanks which you may use for the purpose of making nominations for sharing in that portion of the fund allotted to your institution. We should be pleased to receive any such nominations as soon as they can conveniently be made, as funds are now available for the ensuing scholastic year.

A number of minor details of administration will have to be worked out, both in the matter of the selection of the beneficiaries, the times and amounts of payment to them of the scholarships awarded them, and some sort of record of the work done by them while receiving such scholarships, which records the trustees of the fund desire to keep. Your suggestions upon these or any other lines are very earnestly invited.

For convenience, your correspondence in this connection should be addressed to Gordon Strong, 209 South State Street, Chicago, Ill.

Very truly yours,

ELLA STRONG DENNISON,  
MARY STRONG SHELDON,  
JANET STRONG JAMESON,  
GORDON STRONG.

[ENCLOSURE.]

*Extracts from Will of*

HENRY STRONG, Deceased,

*Constituting an Educational Fund.*

"Being impressed with the value of education, literary, scientific, or mechanical, to every young person, male or female, starting in life, I direct that..... my said trustee shall, in each year, set apart, out of what then remains of said net income, rents, and profits of the trust estate for such year, during the period from the time of my death until the time of the determination of all of the trusts hereby created, six (6) per cent of said remaining net income, rents and profits, as

a separate fund, to be known as 'educational fund,' and that said 'educational fund' shall be held in trust by my said trustee, subject to the provision in regard to the same, hereinafter contained in paragraph seventh of this, my will.....

"Paragraph Seventh: In regard to said educational fund, provided for in and by this, my will, I direct that the same shall be held by said trustee upon, and subject to, the following trusts, to-wit:

"I direct that all of said educational fund shall be held by my said trustee in trust, and applied from time to time to aid the education of worthy and meritorious persons, needing such aid, said persons to receive annually out of said educational fund not more than six hundred dollars (\$600) each, and for no longer time than until they shall respectively become twenty-five (25) years of age, and I direct that the amounts, so to be applied in aid of their education, shall, in the case of minors, be paid over by my said trustee to their legal guardians, or to such other persons, acting for them, as may be appointed by a court or courts of competent jurisdiction, to be applied by such legal guardians, or by such other persons so appointed respectively, to said purpose.

"I direct that no descendant of mine shall ever become a beneficiary under said educational fund.....

"I further direct that, at any time, and from time to time, a majority of my children then living (and after the death of all my children, then a majority of my adult grandchildren then surviving) shall have the right, subject to the provisions hereinbefore made, to designate in writing to my said trustee the persons to receive aid out of said educational fund, and to determine and state in writing to said trustee the annual sum, not exceeding six hundred dollars (\$600) in amount, to be paid to each of said persons, and for how long a time said annual sum shall be paid to each of said persons, until he or she arrives at the age of twenty-five (25) years.

"I further direct that if, for any reason, a majority of my then living children (or after the death of all my children a majority of my adult grandchildren then surviving) shall at any time fail to so designate the persons to receive aid out of said educational fund, or so to determine and state in writing to said trustee the annual sum, not exceeding six hundred dollars (\$600), in amount to be paid to each of said persons, or for how long a time said annual sum shall be so paid to him or her until he or she arrives at the age of twenty-five (25) years, then, and in that case, and also in the further case that all of my children and grandchildren are dead, my said trustee shall select the persons to receive aid from said educational fund, and shall determine the amount (not exceeding six hundred dollars per year) to be paid to each of said persons so selected, and for how long a time, until he or she arrives at the age of twenty-five years, said amount shall be so paid, and shall without unnecessary delay, pay the same, in semi-yearly or quarterly payments, to such beneficiaries.

"I further direct that at least two of the persons who shall be in receipt of aid, in each year, from said educational fund, shall be residents of Walworth County, Wisconsin.

"I further direct that the respective receipts of the legal guardians, or other persons appointed by any court or courts as mentioned in this paragraph seventh of this, my will, for any moneys paid to them respectively by my said trustee, under the provisions hereof, shall effectually and fully discharge my said trustee therefrom, and from being bound to see to the application, or being answerable for the loss or misapplication thereof.

"In case any minor be designated, under the provisions hereof, to receive any aid out of said educational fund, and have no legal guardian to whom moneys can be paid under the provisions hereof, I direct my said trustees to expend, out of said educational fund, such sum, not exceeding fifty dollars (\$50) as may be necessary to procure the appointment of such guardian by any court of competent jurisdiction.

"Said trustee shall use and apply, in carrying out the objects of this paragraph seventh of this, my will, the principal of said educational fund, as well as any interest that may accumulate thereon from any temporary investment thereof, which said trustee may have made prior to the application of the same to the objects herein provided.....

"In my original will, bearing date of June 17, 1907, I provide and create an educational fund. I now, by this codicil, will and direct that no part of said educational fund shall be used in obtaining what is called a classical education, said fund being intended to aid the beneficiaries thereof in obtaining a practical, literary, scientific, mechanical, or business education in western or southern State universities, colleges or schools, where the charge for tuition is less than in eastern colleges....."

In connection with the foregoing communication from the Trustees of the Henry Strong Educational Fund, President James presented the following statement and recommendation:

In pursuance of the above communication I laid the matter before the University Council of Administration and indicated to the trustees of the fund the willingness expressed by the council to follow the suggestions made in regard to the administration of the fund. The Committee on the Snyder Loan Fund was asked to nominate students to benefit by the above allotment.

The recommendation of the committee, approved by the Council of the University, is that the \$500 be accepted and that the following persons be recommended to the trustees of the Henry Strong educational fund, as persons suitable to receive a grant of \$100 apiece:

H. H. Cochran, Senior—College of Science.

Glenn Christy, Junior—College of Engineering.

Elijah R. Hatowski, Junior—College of Engineering.  
 Charles W. Bailey, Junior—College of Literature and Arts.  
 E. A. Williford, Sophomore—College of Engineering.

I recommend that the Trustees of the University of Illinois accept the gift from the trustees of the Henry Strong educational fund, to be administered in accordance with the wishes of the donors, and that they express their cordial appreciation of this action of said trustees.

On motion of Mr. Blair, it was voted to accept the proposed gift of the Trustees of the Henry Strong Educational Fund, to be administered in accordance with the wishes of the donors, and to ask the president of the University to send to the trustees of the fund an expression of the board's hearty appreciation of this benefaction.

#### MEMORIAL TO PRESIDENT GREGORY.

(5) The following statement in regard to a suitable memorial for the first president of the University, Dr. John Milton Gregory:

The Trustees of the University on November 12, 1898, voted to permit the interment of the body of Dr. John Milton Gregory upon the campus, and undertook in the following language to care for the grave in perpetuity:

"And the board will, as soon as practicable, give appropriate treatment to the grounds in that vicinity and will assume the perpetual care of the grave."

Many propositions of a more or less definite character have been made to the Board of Trustees and in the alumni body of the University as to an appropriate action in the premises. The alumni have on one or two occasions appointed committees to interest the former students of the University in the erection of a worthy testimonial in memory of the first president of the University, but up to the present time nothing has come of all this discussion.

I have had an interview with Mrs. Gregory, the widow of Dr. Gregory, and with Mr. Alfred Gregory, the son of Dr. Gregory. The family are very desirous that the grave should be marked in some appropriate way, and they are quite willing to do this at their own expense if the University is not willing to undertake it.

It seems to me that the grave should be marked in some appropriate and simple manner by the Trustees of the University at the expense of the University.

The great work which Dr. Gregory did for the University of Illinois and for education in this commonwealth and in the commonwealth of Michigan from which he came, to us would justify the erection of some noble memorial in the form of an appropriate building upon the campus of the University; and it ought not to be impossible to interest those people who were here as students during Dr. Gregory's administration and the men and women who may still survive who know of his great work and appreciate it.

If the memorial were of a sort to enlist the interest of subsequent generations of students, such as a students' union building, I have no doubt that great material assistance could be obtained from those who were students after Dr. Gregory's administration.

I think the same thing would be true of an art building. Dr. Gregory was a man who believed thoroughly in the vital significance of the esthetic element in the education of young people. Largely through his own initiative a sum of money was collected at the very beginning of the University from people who were interested in the same field, mostly in the cities of Urbana and Champaign, with which was purchased what for that era was a very valuable collection of art objects, such as casts of famous statues, pictures, etc. The University after forty years still has the bulk of this collection intact and in a good state of preservation. It has served as an important element in the education of the thousands of students who have attended the University since Dr. Gregory's time. An art building would, therefore, be a very appropriate form of testimonial to the memory of this great president.

Mrs. Gregory has expressed hearty sympathy with the idea of the erection of a chapel upon the University grounds, for which the alumni and former students of the University might be asked to contribute, and she has expressed a willingness to make a material subscription herself for this or any other purpose which may commend itself to her.

On motion of Mr. Hatch, it was voted that the Board of Trustees will undertake to mark the grave of Dr. Gregory in some simple and appropriate way.

On motion of Mr. Blair, it was voted, further, that the president of the University be authorized to consider with the committee of the alumni, or with others interested in the matter, the possibility of erecting a suitable building on the campus as a memorial of the first president of the University.

#### PROVISION FOR THE COMPTROLLERSHIP.

(6) The following statement outlining a plan for providing for the vacant position of comptroller:

The University needs very much at present additional assistance in the work of instruction in the field of accounting. It has seemed to me therefore that a good arrangement might possibly be made by which a professor of accounting could be obtained, to whom in addition might be assigned the duties of the

comptroller as they may be defined from time to time by the Board of Trustees. If this general idea commands the approval of the board, I would ask for authority to nominate a professor of accounting with the purpose of combining the two offices of professor of accounting and comptroller of the University in case a suitable candidate can be found.

On motion of Mr. Grout, it was voted to approve the general plan outlined above, and to authorize the president of the University to look for a suitable candidate for a professorship in accounting, to whom may be assigned the duties of the comptroller as they may be defined from time to time by the Board of Trustees.

#### STOCK OF THE COLLEGE OF P. AND S.: DONATIONS AND OPTIONS.

(7) A statement from Dr. D. A. K. Steele, President of the corporation of the College of Physicians and Surgeons of Chicago, giving a report of progress from the committee which has undertaken to secure donations of the capital stock of the said corporation for presentation to, the University of Illinois and options on those portions of the stock of which donations cannot be secured, as follows:

	Shares.
Stock given outright and now in the possession of Dr. Steele as trustee, ready to be handed over to the University of Illinois.....	1,359 3/5
Further donations promised.....	51
Total donations, in hand and promised.....	1,410 3/5
Stock on which signed options have been delivered to Dr. Steele.....	601
Options promised but not yet delivered.....	53 2/5
Total options, in hand and promised.....	654 2/5
Stock on which options have been requested but not yet received.....	105
Total issue of stock.....	2,170

#### VOTE OF THANKS TO MR. ANTHONY.

A vote of thanks was rendered to Mr. Anthony for the enjoyable luncheon at which the members of the board had just been entertained.

#### EXTENSION OF TIME ON SCHOOL OF COMMERCE BUILDING.

The secretary presented a request from Mr. A. W. Stoolman, contractor for the School of Commerce Building, that the time for the final completion of this building should be extended from September 1, 1912, to November 27, 1912, the latter being the date originally provided for in the contract; the reason given for this request being that as a result of the unusually cold winter and wet spring the substitution of tile arches for reinforced concrete did not expedite matters as was expected when the change was made. (See minutes of December 12, 1911, Report, 1912, p. 536).

It was voted to grant this request of Mr. Stoolman's.

#### BOND FOR ORDNANCE AND ORDNANCE STORES.

On motion of Mr. Blair, the following resolution was passed:

*Resolved*, That William L. Abbott, President of the Board of Trustees of the University of Illinois, and Charles M. McConn, Secretary of the said board, be, and they hereby are, authorized to execute, for and in the name of the University of Illinois, a bond, in the penal amount of eighty thousand dollars (\$80,000), in the form required by the War Department, to cover the safekeeping and return when required by the Secretary of War, of certain ordnance and ordnance stores already issued, about to be issued, and such as may be issued in the future; the aggregate value of all such issues not to exceed the sum of forty thousand dollars (\$40,000).

#### ASSIGNMENT OF FUNDS FOR STUDENT ASSISTANCE IN INDUSTRIAL CHEMISTRY.

President James reported that he had assigned the sum of twenty-five dollars (\$25) a month, for the period of nine months beginning October 1, 1912, for the employment of student assistance in connection with the work on industrial chemistry; this sum to be taken from the amount appropriated in the budget of July 5, 1912, for the salary of Dr. R. H. Jesse, Jr., resigned. On motion of Mr. Evans, this assignment was approved.

**AUDITOR'S REPORT.**

Mr. Grout, as chairman of the Finance Committee, presented a report from the Audit Company of Illinois of an audit of the books and records of account of the University for the quarter ended June 29, 1912, which was received for record.

**THE AUDIT COMPANY OF ILLINOIS.**

HARRIS TRUST BUILDING,

CHICAGO.

August 24, 1912.

*Mr. A. P. Grout, Chairman, Finance Committee, University of Illinois, Winchester, Ill.*

DEAR SIR: We have made our regular quarterly audit of the books and records of account of the University of Illinois for the fourth quarter, ended June 29, 1912, of the fiscal year, and submit herewith our report thereon, together with the appended exhibits and schedules, showing the receipts and disbursements in detail:

We reconciled the chief clerk's cash account on the morning of August 5, 1912, proved the cash book footings from May 6, 1912, to August 5, 1912, verified the cash in the office by count and examined and proved the footings of the approved and receipted vouchers in process of entry. The First National Bank of Champaign, Ill., gave us a letter certifying as to the cash on deposit at August 5, 1912; amount being \$11,626.50:

Balance on hand May 6, 1912.....	\$ 16,876 88
Receipts from various sources.....	341,849 63
	<hr/>
	\$358,726 51
Disbursements and remittances to treasurer.....	344,189 00
	<hr/>
Balance on hand August 5, 1912.....	\$14,537 51
<i>Made up of—</i>	
Currency .....	\$ 890 00
Coin .....	65 76
First National Bank balance.....	11,626 50
	<hr/>
Total cash .....	\$12,582 26
Checks for deposit .....	150 90
Vouchers in process of entry .....	1,430 18
Express (bills) .....	131 52
Freight (bills) .....	434 43
	<hr/>
Total .....	\$14,729 29
<i>Less—</i>	
Class of 1895 fund .....	\$ 1 78
Students' deposits .....	190 00
	<hr/>
	191 78
Balance as above .....	\$14,537 51
In the cash statement following, we present in total the general cash transactions for the fourth quarter, as represented by the cash book and warrant register, beginning with the general cash balance as at March 31, 1912:	
Treasurer's balance .....	\$195,433 47
Chief clerk's balance .....	18,303 83
	<hr/>
	\$213,737 30
Cash receipts—(Exhibit "A").....	906,934 05
	<hr/>
	\$1,120,671 35
Cash disbursements—(Exhibit "B").....	513,182 54
	<hr/>
	\$607,488 81
<i>Made up of—</i>	
Treasurer's balance .....	\$593,955 89
Chief clerk's balance .....	13,532 92
	<hr/>
Balance as above .....	\$607,488 81
We compared all warrants paid during the quarter with the treasurer's record. We also obtained a certificate from the State Bank of Chicago, Ill., certifying to the balance of cash on deposit to the credit of the treasurer at the close of business June 29, 1912, as being \$736,344.05.	
The following is a reconciliation of the treasurer's account with the books of the University on June 29, 1912:	
Treasurer's balance per University books.....	\$593,955 89
Add—Unpaid warrants—(Schedule "9").....	142,388 16
	<hr/>
	\$736,344 05

*Made up of—*

General fund .....	\$711,527 37
College of Medicine fund .....	14,863 02
United States Agricultural Experiment Station fund.....	4,524 27
School of Pharmacy fund .....	5,429 39

Balance as above ..... \$736,344 05

Yours very truly,

C. W. KNISELY,

*President Audit Company of Illinois.*

The board adjourned.

W. L. ABBOTT, *President.*

C. M. McCONN, *Secretary.*



## Meeting of December 10, 1912.

---

The quarterly meeting of the Board of Trustees of the University of Illinois was held at the University in Urbana, on Tuesday, December 10, 1912, beginning at 10:00 A.M.

The following members were present: Mrs. Bahrenburg, Mrs. Busey, Mrs. Evans, Mr. Grout, Mr. Hatch, Mr. Hoit, Mr. Moore. President James was also present.

Mrs. Ellen M. Henrotin and Mr. John R. Trevett, newly elected members of the board, whose term of office begins next March, were present by invitation and sat with the board during the day.

In the absence of President Abbott, upon motion of Mrs. Bahrenburg, Mr. Grout was elected chairman of the meeting.

The secretary of the board being absent on other University business, Mr. H. E. Cunningham, Assistant Registrar, acted as secretary *pro tempore*.

### NEEDS OF DEPARTMENTS PRESENTED.

The regular order of business was suspended, and President James presented a number of members of the faculty, who spoke to the board of the needs of their respective departments for maintenance and extension for two years to come.

Dean Davenport spoke for the College of Agriculture and presented also Messrs. Mann, Tanner, Rowe, and Ammann, members of the College Advisory Boards, who represented respectively the sections of Soils, Horticulture, Farm Crops, and Floriculture.

Dean Goss spoke for the College of Engineering and the Engineering Experiment Station.

At this point President James presented Messrs. Burres, Williamson, and Meeker, members-elect of the Forty-eighth General Assembly, who made cordial expression of their good will toward the University.

Professor Hollister, High School Visitor, presented the needs of the work of inspection of high schools.

At 12:30 P.M. a recess was taken for luncheon.

---

### AFTERNOON SESSION.

#### FURTHER PRESENTATION OF NEEDS OF DEPARTMENTS.

When the board convened again after luncheon, the same members were present as at the morning session, and the hearing of the needs of the departments was resumed.

Dean Townsend spoke for the College of Science, and presented also Professors Noyes, Hottes, Ward, and Frank Smith, who spoke respectively of the needs of the Departments of Chemistry, Botany, and Zoölogy, and the Museum of Natural History. Professor Stoek spoke for the work in Mining Engineering and the Mine Rescue Station; Dean Daniels for the College of Literature and Arts; Professor Bagley for the School of Education; Librarian Windsor and Professors Ford, Carman, and Oldfather for the Library; and Professors Pease and Brooks for the Museums of Classical Art and Archaeology and European Culture, respectively.

At this point Messrs. Hatch and Moore withdrew.

Dean Harker presented the needs of the College of Law, and also made an informal report of the status of the suit against the estate of John R. Walsh to recover rent due on a part of the premises of the School of Pharmacy on a lease to Dr. L. Blake Baldwin for five years from May 1, 1904, which was guaranteed by Mr. Walsh.

The board adjourned at 6:15 P.M.

W. L. ABBOTT, *President*.

H. E. CUNNINGHAM, *Secretary pro tempore*.

## Meeting of December 19, 1912.

A special meeting of the Board of Trustees of the University of Illinois was held at the La Salle Hotel in the city of Chicago, beginning at 12:00 m., on Thursday, December 19, 1912, pursuant to the following notice which was sent out by the secretary on December 12, 1912:

By order of the president, Mr. W. L. Abbott, a special meeting of the Board of Trustees of the University of Illinois will be held at the LaSalle Hotel in the city of Chicago, on Thursday, December 19, 1912, beginning at 12:00 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: Mr. Abbott, Mr. Anthony, Mrs. Bahrenburg, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Grout, Mr. Hoit, Mr. Meeker, Mr. Moore. President James was present.

### MINUTES APPROVED.

The secretary presented the minutes of the meetings of September 10, 1912 (with the adjourned session of September 19, 1912), October 8, 1912, and December 10, 1912, which, on motion of Mrs. Evans, were approved.

### REPORTS OF THE EXECUTIVE COMMITTEE.

The secretary presented the minutes of the meeting of the Executive Committee held on October 8, 1912, pp. 122-123), and of the meetings of the Executive Committee held on November 15, 1912, and November 30, 1912; all of which minutes were received for record.

#### EXECUTIVE COMMITTEE MEETING OF NOVEMBER 15, 1912.

November 15, 1912.

*To the Board of Trustees of the University of Illinois:*

Your Executive Committee held a meeting at the University on Friday, November 15, 1912, at 2:00 p.m. All the members of the committee were present, namely: Messrs. Abbott, Grout, and Hatch; also, Mrs. Bahrenburg, Mrs. Busey, Mr. Hoit, and Mr. Moore.

### TREASURER'S REPORT.

The secretary presented the report of Mr. H. A. Haugan, Treasurer, for the quarter ended September 30, 1912, which was received for record.

#### TREASURER'S REPORT.

H. A. HAUGAN, TREASURER, IN ACCOUNT WITH THE UNIVERSITY OF ILLINOIS  
SEPTEMBER 30, 1912.

		Dr.	
1912.			
June 30.	Balance per last statement .....		\$736,344 05
July 1.	Received from State Bank of Chicago six months' interest to July 1, 1912, on \$4,000, bond of College of Physicians and Surgeons, for credit of College of Medicine fund....		120 00
	1. Received from D. A. K. Steele, Actuary, for credit of College of Medicine fund .....		3,258 65
	1. Received from D. A. K. Steele, Actuary, for credit of College of Medicine fund .....		314 55
	3. Received from State Auditor, for credit of general fund....		65,000 00

TREASURER'S REPORT—*Concluded.*

		DR.	
1912.	20.	Received from the treasurer of the United States, for credit of Agricultural Experiment Station fund.....	\$ 2,500 00
	27.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund.....	120 00
	31.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund.....	5 00
Aug.	3.	Received from O. E. Staples, Chief Clerk, for credit of general fund.....	7,000 00
	3.	Received from State Auditor, for credit of general fund..	418,057 96
	10.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund.....	113 00
	29.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund.....	185 88
	31.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund.....	35 00
Sept.	5.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund.....	150 00
	10.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund.....	195 00
	11.	Received from Treasurer of the United States, for credit of Agricultural Experiment Station fund.....	5,000 00
	11.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund.....	275 00
	13.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund.....	500 00
	14.	Received from O. E. Staples, Chief Clerk, for credit of general fund.....	525 00
	16.	Received from O. E. Staples, Chief Clerk, for credit of general fund.....	10,000 00
	16.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund.....	2,540 00
	17.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund.....	2,315 00
	18.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund.....	1,544 66
	19.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund.....	1,050 00
	20.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund.....	375 00
	21.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund.....	335 00
	23.	Received from O. E. Staples, Chief Clerk, for credit of general fund.....	20,000 00
	23.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund.....	255 00
	27.	Received from O. E. Staples, Chief Clerk, for credit of general fund.....	21,000 00
	27.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund.....	190 00
	30.	Received from O. E. Staples, Chief Clerk, for credit of general fund.....	23,615 15
	30.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund.....	260 00
			<u>\$1,323,178 90</u>
		CR.	
Sept.	30.	By amount paid out of general fund, as per list of warrants herewith.....	\$554,725 14
		By amount paid out of College of Medicine fund, as per list of warrants herewith.....	13,668 00
		By amount paid out of School of Pharmacy fund, as per list of warrants herewith.....	3,274 83
		By amount paid out of Agricultural Experiment Station fund, as per list of warrants herewith.....	7,310 16
			<u>\$578,978 13</u>
<i>Balances—</i>			
		General fund.....	\$722,000 34
		College of Medicine fund.....	4,888 22
		School of Pharmacy fund.....	12,598 10
		Agricultural Experiment Station fund.....	4,714 11
			<u>744,200 77</u>
			<u>\$1,323,178 90</u>

Respectfully submitted,

HENRY A. HAUGAN, *Treasurer.*

# APPOINTMENTS MADE BY THE PRESIDENT OF THE UNIVERSITY.

The secretary also presented the following report of appointments made by the President of the University to fill vacancies in the budget passed on July 8, 1912:

Brooks, Alice D., Graduate Assistant in Zoölogy, for eight months beginning November 1, 1912, at a salary of thirty dollars (\$30) a month, vice Margaret Taggart, resigned. (October 26, 1912.)

Burns, Cyril, Assistant Stenographer in the Office of the Dean of the College of Law, on part time, to be paid at the rate of twenty-five cents (25c) an hour for such time as he may be employed. (October 24, 1912.)

Cowley, Frederick K., Instructor in Architecture, at a salary of one hundred twenty dollars (\$120) a month, beginning October 1, 1912, and continuing until further notice or until June 30, 1913. (October 11, 1912.)

Darrah, Juanita E., Student Assistant in Chemistry, for nine months beginning October 1, 1912, at a salary of ten dollars (\$10) a month, vice A. J. Becker, resigned. (October 15, 1912.)

Ermeling, L. B., Assistant in Military Science, for the academic year 1912-13, with a salary of one hundred dollars (\$100) for the year, to be paid in five monthly instalments beginning February 1, 1913. (October 21, 1912.)

Fieg, Robert L., Laboratory Helper in the Department of Botany, for nine months beginning October 1, 1912, at a salary of fifty dollars (\$50) a month. (October 5, 1912.)

Foss, Margaret C., Stenographer in the College of Agriculture, at a salary of forty dollars (\$40) a month, beginning November 1, 1912, and continuing until further notice; this appointment superseding a previous appointment in the same capacity at a salary of thirty-two and 50-100 dollars (\$32.50) a month. (October 17, 1912.)

Garwood, Frances G., Stenographer in the Department of English, at a salary of ten dollars (\$10) a week, beginning October 1, 1912, and continuing until further notice or until June 30, 1913. (October 25, 1912.)

Goodman, F. M., Professor of Materia Medica and Botany in the School of Pharmacy, for the academic year 1912-13, at a salary of twelve hundred dollars (\$1,200) for the year. (October 11, 1912.)

Hamilton, Alice V., Student Record Keeper in the College of Agriculture, for twelve months beginning September 1, 1912, at a salary of seventy-five dollars (\$75) a month. (September 26, 1912.)

Hohman, H. C., Assistant in Military Science, for the academic year 1912-13, with a salary of one hundred dollars (\$100) for the year, to be paid in five monthly instalments beginning February 1, 1913. (October 21, 1912.)

Honovski, B. R., Assistant in Chemistry, at a salary of sixty dollars (\$60) a month, beginning October 14, 1912, and continuing until further notice or until June 30, 1913. (October 15, 1912.)

Horrell, C. R., Assistant in Military Science, for the academic year 1912-13, with a salary of one hundred dollars (\$100) for the year, to be paid in five monthly instalments beginning February 1, 1913. (October 21, 1912.)

Kohout, J. F., Student Assistant in Chemistry, for eight months beginning November 1, 1912, at a salary of ten dollars (\$10) a month. (November 8, 1912.)

Leslie, E. H., Assistant in Military Science, for the academic year 1912-13, with a salary of one hundred dollars (\$100) for the year, to be paid in five monthly instalments beginning February 1, 1913. (October 21, 1912.)

Miller, Wilhelm, Assistant Professor of Landscape Horticulture, at a salary of three thousand dollars (\$3,000) per annum, beginning as soon as he reports for service and continuing until August 31, 1915. (October 21, 1912.)

Moore, O. H., Instructor in Romance Languages, for ten months beginning September 1, 1912, at a salary of one hundred ten dollars (\$110) a month. (September 24, 1912.)

Peaslee, Horace Whittier, Instructor in Landscape Design, for four months beginning November 1, 1912, at a salary of two hundred dollars (\$200) a month. (November 8, 1912.)

Postlewait, Harlet L., Clerk in the Department of Mechanical Engineering, for ten months beginning November 1, 1912, at a salary of fifty dollars (\$50) a month, vice Ilah B. Chandler, resigned. (November 1, 1912.)

Reiff, P. R., Research Assistant on the Illinois Survey, on half time, at a salary of fifty dollars (\$50) a month, beginning October 28, 1912, and continuing until further notice. (October 25, 1912.)

Renz, Myrtle A., General Assistant in the Library, for ten months beginning October 9, 1912, at a salary of sixty-five dollars (\$65) a month, vice Margaret Herdman, resigned. (October 12, 1912.)

Rodgers, Della M., transferred from the position of Stenographer in the Office of the College of Science to that of Stenographer in the Department of Physics, at a salary of forty dollars (\$40) a month, for ten months beginning November 1, 1912. (November 5, 1912.)

Taylor, S. C., Student Assistant in Chemistry, at a salary of twenty-five dollars (\$25) a month, beginning November 1, 1912, and continuing until June 30, 1913; this appointment superseding a previous appointment in the same capacity at a salary of \$10 a month. (November 1, 1912.)

Thompson, H. C., Assistant in Military Science, for the academic year 1912-13, with a salary of one hundred dollars (\$100) for the year, to be paid in five monthly instalments beginning February 1, 1913. (October 21, 1912.)

Wright, Albert B., Research Assistant to the Dean of the Graduate School, at a salary of fifty dollars (\$50) a month, beginning October 1, 1912, and continuing until June 30, 1913. (November 6, 1912.)

The committee adjourned.

W. L. ABBOTT, *Chairman*.

C. M. McCONN, *Clerk*.

#### EXECUTIVE COMMITTEE MEETING OF NOVEMBER 30, 1912.

On call of President Abbott, a meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held in Chicago, on Saturday, November 30, 1912, beginning at 12 m.

Messrs. Abbott and Hatch, members of the committee, were present. The third member of the committee, Mr. Grout, was absent.

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

President James was not present, but sent the following matters for the consideration of the committee:

##### APPROPRIATION FOR FURNISHING OF ADDITION TO WOMAN'S BUILDING.

(1) A recommendation that the supervising architect be authorized to proceed with the furnishing of the addition to the Woman's Building, within the limits set by the fund previously assigned by the board for this purpose (Report, 1912, p. 534), after consultation with the parties representing the several interests to be provided for in this building; and a further recommendation that a corresponding appropriation be made.

These recommendations were approved.

##### APPROPRIATION FOR FURNISHING OF COMMERCE BUILDING.

(2) A recommendation that the supervising architect be authorized to proceed with the furnishing of the Commerce Building, within the limits set by the fund already assigned by the board for this purpose (Report, 1912, p. 534), after consultation with the parties representing all interests to be provided for in this building; and a further recommendation that a corresponding appropriation be made.

These recommendations were approved.

##### IMPORT ORDER FOR DEPARTMENT OF CHEMISTRY.

(3) A request from Professor W. A. Noyes, Director of the Chemical Laboratory, for permission to place an order for the importation of chemicals and apparatus for the University for the academic year 1913-14, to an amount not exceeding ten thousand dollars (\$10,000); this request being made at this time for the reason that the order should be placed several months in advance of the time when the material is to be used in order to have the material on hand.

It was voted to approve this request.

##### PROCEEDS OF SALE OF HOUSES APPROPRIATED.

(4) A communication from Dr. W. F. M. Goss, Dean of the College of Engineering, asking that the sum of twelve hundred dollars (\$1,200) realized from the sale of houses on the property bought for the location of the Transportation Building, be transferred to the general building fund account of the College of Engineering, to be used in connection with the development of the locomotive laboratory, and that the same amount be appropriated for such use.

It was voted to approve this request.

##### BUREAU OF INFORMATION AND GENERAL UNIVERSITY OFFICE.

(5) A recommendation that authority be given to the President of the University to organize a Bureau of Information and General University Office, and that the room in the northeast corner of the basement of the Law Building, a portion of the corridor next south, and the room next south of the corridor be assigned for this purpose.

This recommendation was approved.

**ASSIGNMENT OF ROOMS TO STUDENT ORGANIZATIONS.**

(6) A recommendation that the Council of Administration be given authority to assign rooms from time to time, as the demands of the University may permit, to student organizations for terms not longer than one year on such conditions as the council may establish.

This recommendation was approved.

The Executive Committee adjourned.

W. L. ABBOTT,  
FRED L. HATCH,  
*Executive Committee.*

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

The secretary presented the following report of appointments made by the President of the University to fill vacancies in the budget passed on July 5, 1912:

Burton, Samuel C., Instructor in Architecture, at a salary of one hundred twenty dollars (\$120) a month, beginning November 12, 1912, and continuing until June 30, 1913. (December 2, 1912.)

Carson, H. Y., Assistant in Architectural Engineering, on half time, and Assistant in the Office of the Supervising Architect, on half time, beginning December 1, 1912, and continuing until further notice or until June 30, 1913, at a total salary for the two positions of one hundred twenty-five dollars (\$125) a month. (November 27, 1912.)

Ebersol, E. T., Graduate Assistant in Chemistry, beginning December 7, 1912, and continuing until June 30, 1913, at a salary of thirty dollars (\$30) a month. (December 9, 1912.)

Frazier, Mollie, Stenographer in the Department of Zoölogy, on two-thirds time, at a salary of thirty-three and 33-100 dollars (\$33.33) a month, beginning November 1, 1912, and continuing until further notice or until June 30, 1913. (November 30, 1912.)

Manley, Verna A., Temporary Stenographer in the Office of Professor E. W. Washburn, for one month beginning December 4, 1912, to be paid at the rate of 30 cents an hour, the total compensation for the period named not to exceed twenty dollars (\$20). (December 14, 1912.)

Munn, Margaret M., Stenographer in the Department of Mining Engineering (on the work of the Cooperative Investigation of Illinois Coal Problems), at a salary of fifty dollars (\$50) a month, beginning when she reports for duty and continuing until further notice or until August 31, 1913. (November 12, 1912.)

Radcliffe, Barney S., Assistant in Ceramics, for ten months beginning September 1, 1912, at a salary of eighty dollars (\$80) a month. (November 27, 1912.)

Ricketts, Clara Agnes, Order Assistant in the Library, at a salary of sixty dollars (\$60) a month, beginning November 9, 1912, and continuing until August 31, 1913. (November 9, 1912.)

White, Lida E., Catalog Typist in the Library, for ten months beginning November 1, 1912, at a salary of fifty dollars (\$50) a month. (November 9, 1912.)

Yensen, Trygve D. (formerly Assistant in the Engineering Experiment Station at a salary of one hundred dollars a month), Assistant in the Engineering Experiment Station and Administrative Assistant to the Director of the Engineering Experiment Station, at a salary of one hundred fifty dollars (\$150) a month, beginning November 1, 1912, and continuing until further notice or until August 31, 1913. (November 27, 1912.)

**FLORICULTURAL GREENHOUSES: CONTRACT FOR CONCRETE WORK LET.**

The secretary presented the following letter from Professor James M. White, Supervising Architect, reporting that, under the authority given by him on June 13, 1912 (pp. 101-102), he had let the contract for the foundations and other concrete work for the floricultural greenhouses to Mr. C. J. Welch, for the sum of two thousand fifty-six and fifty-three one-hundredths dollars (\$2,056.53). This letter was received for record.

URBANA, ILL., December 11, 1912.

Mr. C. M. McConn, Secretary of the Board of Trustees.

DEAR SIR: I wish you would record in the minutes of the board the fact that the contract for foundations and other concrete work for the floriculture greenhouses has been let to Mr. C. J. Welch, contractor for similar work on the vegetable and plant breeding greenhouse, for the sum of two thousand fifty-six and 53-100 dollars (\$2,056.53).

This contract was let to Mr. Welch without competition on the same unit price for which the vegetable and plant breeding work was executed, first, because

his bid on the other work was 20 per cent less than that of the next lowest bidder, and, second, because, his equipment and men being on the ground, he could push the work to better advantage.

Yours truly,  
JAMES M. WHITE,  
*Supervising Architect.*  
By L. J. TOWNE.

### BOND FOR MILITARY SUPPLIES.

The secretary reported the receipt of a letter from Captain W. F. Ramsey of the Ordnance Department, United States Army, stating that the bond for ordnance and ordnance stores to be furnished by a bonding company, authorized by the board on October 8, 1912 (p. 133; see also Report of 1912, p. 104), has been approved by the Judge Advocate General of the Army; and that the former bond guaranteed by individual sureties, which was authorized by the board on March 20, 1911 (Report, 1912, p. 104), had been marked satisfied, and the liability thereunder terminated

### REGISTRATION NOVEMBER 1, 1912.

The secretary presented the following report showing the registration in the University on November 1, 1912, with the figures for the corresponding departments on November 1, 1911, for comparison. This report was received for record.

#### REGISTRATION, NOVEMBER 1, 1912.

	Men.		Women.		Total.	
	1911.	1912.	1911.	1912.	1911.	1912.
Colleges and Schools.						
Literature and Arts .....	470	445	421	433	891	878
Science .....	304	357	69	76	373	433
Total Liberal Arts .....	774	802	490	509	1,264	1,311
Engineering .....	1,226	1,158	2	1	1,228	1,159
Agriculture .....	641	726	90	86	731	812
Music .....	5	5	70	74	75	79
Total Undergraduates .....	2,646	2,691	652	670	3,298	3,361
Law .....	118	122	...	...	118	122
Library Science .....	1	1	38	32	39	33
Total Undergraduate and Professional Schools in Urbana .....	2,756	2,814	690	702	3,455	3,516
Graduate School .....	209	209	46	47	255	256
Total in Urbana November 1.....	2,974	3,023	736	749	3,710	3,772
Summer session .....	417	430	230	210	647	640
Deduct duplicates .....	219	222	69	51	288	273
Net, summer session .....	198	208	161	159	359	367
Total to date in Urbana .....	3,172	3,231	897	908	4,069	4,139
Pharmacy (Chicago) .....	194	173	4	3	198	176
Total .....	3,366	3,404	901	911	4,267	4,315

The figures given above include 30 students who remained through ten days of instruction and are, therefore, under our established practice, counted in the enrollment for the year, but who withdrew before November 1. These 30 students are distributed as follows: College of Literature and Arts, men, 3; women, 4; College of Science, men, 3; College of Engineering, men, 10; College of Agriculture, men, 9; College of Law, men, 1. The total number of students in attendance in the colleges and schools at Urbana on November 1, 1912, was, therefore, 3,742, of whom 2,997 were men, and 745 women.

### PERCENTAGE OF STUDENTS WHO RETURN.

The secretary presented also the following table, of the date of November 30, 1912, showing the number and percentage of undergraduates regis-



tered for the academic year 1911-12 who returned in the fall of 1912. This table was received to be printed.

PERCENTAGE OF UNDERGRADUATES REGISTERED 1911-1912 WHO RETURNED  
FOR 1912-1913.

(November 30, 1912.)

Colleges.	Total 1911-12.	Grad- uated 1912.	Remain- der.	Old students returned.	Per cent returned.	New students.	Total to Nov. 30, 1912.
Literature and Arts.....	909	164	745	501	.672	379	880
Science.....	393	64	329	256	.778	178	434
Engineering.....	1,290	195	1,095	661	.603	500	1,161
Agriculture.....	818	68	750	485	.646	332	817
Music.....	82	2	80	47	.587	33	80
Law.....	122	26	96	84	.875	38*	122
Total.....	3,614	519	3,095	2,034	.657	1,460	3,494

\* Includes 18 who were registered in other undergraduate colleges in 1911-12 to meet the entrance quirement (one year of collegiate work) of the College of Law.

### REPORT OF AUDITING COMPANY.

Mr. Grout, as Chairman of the Finance Committee, presented a report from the United States Audit Company of an examination of the books and accounts of the University for the quarter ended September 30, 1912; accompanied by a statement from Mr. Lloyd Morey, bookkeeper, that the difference in voucher No. 19166 referred to in the introductory letter of the report (see below), and also the difference in the amount of the School of Pharmacy fund, have been adjusted with the treasurer. On motion of Mrs. Bahrenburg, this report was received to be filed, the introductory letter to be printed in the minutes.

510, 72 W. ADAMS STREET, CHICAGO November 23, 1912.

Mr. A. P. Grout, Chairman Finance Committee, University of Illinois, Winchester, Ill.

DEAR SIR: Agreeably to your request, we have made a quarterly audit of the books and records of account of the University of Illinois for the first quarter, ended September 30, 1912, of the fiscal year, and beg to submit herewith our report thereon, showing the receipts and disbursements in detail.

We reconciled the chief clerk's cash account on the morning of October 23, 1912, proved the cash book footings from August 5, 1912, to October 23, 1912, verified the cash in the office by count, and examined and proved the footings of the approved and receipted vouchers in process of entry. The First National Bank of Champaign, Illinois, gave us a letter, certifying as to the cash on deposit at October 23, 1912, amount being \$11,067.39.

Summarized, the chief clerk's cash account is as follows:

Balance on hand August 5, 1912.....	\$ 14,537 51
Receipts from various sources.....	593,679 93
	<hr/> \$608,217 44
Deduct—Remittances to treasurer .....	594,859 85
	<hr/> Balance on hand October 23, 1912..... \$13,357 59
Made up as follows—	
Currency .....	\$ 1,240 00
Coin .....	25 94
First National Bank balance.....	11,067 39
Checks for deposit .....	234 50
	<hr/> Total cash .....
Vouchers in process of entry .....	\$12,567 83
Vouchers paid for stamps .....	141 81
Vouchers paid for labor .....	235 74
Vouchers paid for labor .....	252 34
Vouchers paid for telegrams .....	53 34
Vouchers paid for express .....	106 53
	<hr/> \$13,357 59

In the cash statement following, we present in total the general cash transactions for the first quarter, as presented by the cash book and warrant register, beginning with the general cash balance as of June 29, 1912:

Treasurer's balance .....	\$593,955 89
Chief clerk's balance .....	13,532 92
	<u>\$607,488 81</u>
Add—Cash receipts (Exhibit "A") .....	588,590 48
	<u>\$1,196,079 29</u>
Deduct—Cash disbursements (Exhibit "B") .....	557,068 57
	<u>\$639,010 72</u>

*Made up as follows—*

Treasurer's balance .....	\$623,722 17
Chief clerk's balance .....	15,288 55
	<u>\$639,010 72</u>

We compared all warrants paid during the quarter with the treasurer's record, and found that Voucher No. 19166, amount \$175.06, was paid with Warrant No. 19166, amount \$176.06.

Paid Warrant No. 1506 for \$352.75 to order of Watson-Stillman & Co. was missing, and was evidently lost, as we examined the receipted voucher.

We also obtained a certification from the State Bank of Chicago, certifying to the balance of cash on deposit to the credit of the treasurer at the close of business September 30, 1912, as being \$744,200.77.

We proved the footings of the warrant register, summer session fee book, verified all postings to the general ledger, and checked the summer session receipts with the fee book; and examined the receipted bills and compared them with all the vouchers.

The following is a reconciliation of the treasurer's account with the books of the University as at September 30, 1912:

Treasurer's balance per University books .....	\$623,722 17
Add—Unpaid warrants (Schedule "5") .....	120,479 60
	<u>\$744,201 77</u>

*Made up as follows (Schedule "6")—*

General fund .....	\$722,000 34
College of Medicine fund .....	4,882 22
United States Agricultural Experiment Station fund .....	4,714 11
School of Pharmacy fund .....	12,598 10
Difference .....	1 00
	<u>\$744,201 77</u>

We are pleased to report favorably on the accuracy of the clerical work.

Supervised by:  
W. B. FLERSHAM,  
*Certified Public Accountant.*

Yours very truly,

UNITED STATES AUDIT Co.,  
HENRY L. HERTZ, *President.*

## RESOLUTIONS IN REGARD TO DR. BURRILL AND DR. SHATTUCK.

At the request of Mr. Blair, the secretary presented the following resolutions, expressive of the board's appreciation of the services of Dr. T. J. Burrill and Dr. S. W. Shattuck; these resolutions having been drafted by the special committee authorized by an action of the board on September 19, 1912 (p. 121), and consisting of Messrs. Blair and Hatch. The resolutions were unanimously adopted.

In accepting the resignation of Dr. T. J. Burrill and Dr. Samuel W. Shattuck, the Board of Trustees desire to place on record a formal statement. Never in the history of the institution has the Board of Trustees been called upon to accept the resignation of two men whose lives have been so intermingled with the history and growth of the University.

The large intelligence and sympathy of Dr. Burrill exerted a great influence upon the University in the days of early struggle. He has contributed to its spiritual and intellectual life more than can here be set down.

Dr. Shattuck, as the comptroller of the revenues of the University, has occupied a most important place in its growth. To his sound judgment and sterling character the University owes much of its splendid record in making the funds appropriated by the State create its splendid equipment. The history of the University of Illinois could not be well written unless it contained the history of these men.

The large satisfaction which comes from a noble work nobly done must be their best reward. The Trustees of this University wish to express their appreciation of the great services and sacrifices of these two men to the University.

### PURCHASE OF CONKLE PROPERTY.

The secretary presented the following communication from President Abbott with reference to the price paid for the Conkle estate, purchased as part of the site for the new engineering buildings:

July 27, 1912.

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

GENTLEMEN: At a master's sale held in Urbana on June 25, Judge Harker, the counsel of the Board of Trustees, acting under instruction from the President of the Board, bid off the Conkle property at \$10,800.

On August 1, 1911, the Executive Committee approved the purchase of this property at a price of \$10,550 [Report, 1912, p. 470]. Approval is now asked of the action of the counsel of the board in bidding \$10,800 for the same property.

Very truly yours,

W. L. ABBOTT.

The action of the counsel of the board reported in the foregoing communication from President Abbott was approved, the vote being as follows: Ayes, Mr. Abbott, Mr. Anthony, Mrs. Bahrenburg, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Grout, Mr. Hoit, Mr. Meeker, Mr. Moore; noes, none; absent, Mr. Deneen, Mr. Hatch.

### RELEASE OF HELLER MORTGAGE.

The secretary presented certain correspondence between President Abbott and Mr. G. W. Charles, of Urbana, relating to a mortgage to the University of Illinois standing recorded in the books of the county clerk of Champaign County against Mr. Joshua Heller, of Urbana; the said mortgage having been given to secure certain sums of rent overdue on land rented by Mr. Heller from the Illinois Industrial University in the years 1867 to 1870. The secretary presented also a communication from Mr. O. E. Staples, Chief Clerk, stating that the business office has no record of any claim of the University against Mr. Heller, and that Professor Shattuck is of the opinion that the mortgage must have been paid in full, as claimed by Mr. Charles in Mr. Heller's behalf. Accordingly, with the approval of Dean Harker, legal counsel of the University, and President James, the following resolution was submitted for adoption, and was adopted:

*Resolved*, That Oren E. Staples, Chief Clerk of the University of Illinois, successor to the Illinois Industrial University, be authorized to execute a release of the mortgage of Sarah Heller and Joshua Heller to the Illinois Industrial University, appearing of record under date of May 17, 1870, on page 257 of Book S, in the recorder's office of Champaign County, State of Illinois.

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

President James presented the following matters for consideration:

#### GIFT FOR THE LOCOMOTIVE TESTING LABORATORY.

(1) The following report of a gift made to the University:

The Midvale Steel Company of Philadelphia, Pa., represented by Mr. H. M. Deemer, has presented to the University four axles and four pairs of supporting wheels for the new Locomotive Testing Laboratory. These axles and wheels are of heat-treated steel of unusually high grade. They were made by the Midvale Steel Company from the design of Professor Edward C. Schmidt. The contract price was \$2,700. The shipment of the material was accompanied by a receipted bill in duplicate and a letter saying, "We shall deem it a favor that you accept this material with our compliments and good wishes for the experiments which you are conducting. We take pleasure in enclosing under another cover a duplicate bill receipted in full in settlement of the account."

On motion of Mr. Blair, it was voted to accept this donation from the Midvale Steel Company, and to authorize the president of the University to extend the thanks of the Board of Trustees to the company.

#### APPOINTMENT OF PROFESSOR HARDING.

(2) A recommendation from Dr. Eugene Davenport, Dean of the College of Agriculture, that Dr. Harry Alexis Harding be appointed head of the Department of Dairy Husbandry, with the title of Professor of Dairy Bacteriology in the College of Agriculture and Chief in Dairy Bacteriology in the Agricultural Experi-

ment Station, at a salary of five thousand dollars (\$5,000) per annum, work and salary to date from the time when he reports for service; which it is expected will be some time during the month of April, 1913.

This recommendation was approved, the vote being as follows: Ayes, Mr. Abbott, Mr. Anthony, Mrs. Bahrenburg, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Grout, Mr. Hoit, Mr. Meeker, Mr. Moore; noes, none; absent, Mr. Deneen, Mr. Hatch.

#### DEPOSIT FOR PRINTING OF DOCTORS' THESES.

(3) A recommendation from the Executive Faculty of the Graduate School that the following new regulations be adopted with reference to the deposit of a bond or cash to guarantee the printing of doctors' theses:

1. The doctor's thesis must be printed, and one hundred copies deposited in the Library of the University, not later than the first of June preceding the conferring of the degree. If it is not printed by the first of June, the student must deposit seventy-five dollars (\$75) or a bond for that amount satisfactory to the Comptroller of the University and the Dean of the Graduate School. If a bond is accepted, it must be replaced at the end of one year with a cash deposit. At the end of two years, if the thesis has not then been printed by the student, the University will print such part of it as it deems best, using for the purpose the cash deposit made by the student.

2. The cash deposit made by a student who does not print his thesis by the end of the second year after his degree is conferred becomes the property of the University, to be used for the general purpose of printing theses, and all graduate students who receive their degrees must agree at the time when the deposit is made that the University shall become owner of this deposit for this purpose.

3. This rule shall go into effect at the opening of the University year, September 1, 1912.

On motion of Mr. Blair, the foregoing regulations were approved as recommended.

#### APPOINTMENT TO THE BOARD OF EXAMINERS IN ACCOUNTANCY.

(4) A recommendation from the University Committee on Accountancy that Mr. Marquis Eaton, of the firm of Defrees, Buckingham, Ritter and Eaton of Chicago, be appointed a member of the Board of Examiners in Accountancy for the term of three years ending July 1, 1915.

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

#### USE OF UNIVERSITY BUILDINGS ON SUNDAYS.

(5) The following resolution adopted by the University Senate on December 2, 1912:

*Resolved*, That, in the judgment of the Senate, University buildings, libraries, laboratories and drawing-rooms should be open on Sunday for the use of instructors and students only in case of special necessity and not for ordinary everyday work.

On motion of Mr. Blair, it was voted that it is the opinion of the Board of Trustees that the University buildings should not be open to students, or members of the instructing or scientific staff, or administrative officials, for work on Sunday, except in cases of necessity, such as the necessary care and feeding of animals, necessary care and observation on continuous experiments, and necessary care of buildings and plant, and in such other cases of emergency as may seem to be of real importance, and that departures from this principle should be authorized by action of the board.

#### HORTICULTURAL AND FLORICULTURAL SERVICE BUILDINGS: BIDS AND CONTRACTS.

(6) A letter from Professor James M. White, Supervising Architect, stating that the bids on the horticultural and floricultural service buildings are to be received on December 20, 1912, and asking that authority be given to open these bids and award the contracts on the buildings.

It was voted to authorize the Executive Committee to open the bids on the horticultural and floricultural service buildings and to award the contracts, the vote being as follows: Ayes, Mr. Abbott, Mr. Anthony, Mrs. Bahrenburg, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Grout, Mr. Hoit, Mr. Meeker, Mr. Moore; noes, none; absent, Mr. Deneen, Mr. Hatch.

**STOCK PAVILION: BIDS.**

(7) A further statement from Professor James M. White, Supervising Architect, that the bids on the Stock Pavilion will be received at 3:00 P.M. on January 7, 1913, and that it would be desirable to have these bids acted upon as soon as possible.

In this connection the board discussed the feasibility of holding a special meeting early in January, but no action was taken.

**ESTIMATE COST OF BUILDING EXTENSION AND NEW BUILDINGS.**

(8) The following estimate from Professor James M. White, Supervising Architect, of the probable cost of certain building extensions and new buildings, requested by the various departments of the University at the meeting of the board held on December 10, 1912:

*Building Extensions.*

Completion of Natural History Building .....	\$ 75,000 00
Completion of Lincoln Hall .....	260,000 00
Completion of Chemical Laboratory .....	350,000 00
Addition to Commerce Building .....	150,000 00
Completion of Armory .....	155,000 00
Total for extensions .....	\$990,000 00

*New Buildings.*

School of Education Building .....	\$150,000 00
State Laboratory Building .....	250,000 00
University Library Building .....	300,000 00
Music School Building .....	100,000 00
Engineering Buildings .....	600,000 00
Woman's Residence Hall .....	100,000 00
Total for new buildings .....	\$1,500,000 00

The foregoing estimate was received for record.

At this point Mr. Meeker withdrew.

**COST OF UNIVERSITY BUILDINGS.**

(9) The following statement from Professor James M. White, Supervising Architect, as to the original cost of the University buildings, including those under construction on December 18, 1912, with an estimate of the present value of the building plant on the campus.

1. Armory (old) .....	\$ 16,000 00
2. Armory (new) .....	100,000 00
3. Auditorium .....	125,000 00
4. Boiler House .....	20,000 00
4a. Boiler House equipment, including tunnels, service, etc. ....	103,000 00
5. Ceramics Buildings .....	15,000 00
6. Ceramics-Mining Laboratory .....	25,000 00
7. Chemical Laboratory .....	130,000 00
8. Commerce Building .....	100,000 00
9. Electrical Laboratory .....	40,000 00
10. Engineering Hall .....	160,000 00
11. Entomology Building (State) .....	8,000 00
12. Gymnasium .....	50,000 00
13. Greenhouse (University) .....	7,000 00
14. Laboratory of Applied Mechanics .....	30,000 00
15. Law Building .....	40,000 00
16. Library .....	160,000 00
17. Lincoln Hall .....	220,000 00
18. Mechanical Engineering Laboratory .....	36,000 00
19. Metal Shops .....	20,000 00
20. Natural History Building .....	235,000 00
21. Observatory .....	15,000 00
22. President's House .....	15,000 00
23. Physics Building .....	220,000 00
24. Power Plant (new) .....	75,000 00
25. Pumping Station .....	8,000 00
26. Transportation Building .....	86,000 00
27. University Hall .....	150,000 00
28. Woodshop .....	42,000 00
29. Woman's Building .....	190,000 00
30. Agricultural Building .....	165,000 00
31. Agronomy Building .....	17,000 00
32. Beef Cattle Building .....	28,000 00

33. Horticultural Building .....	\$18,000 00
34. Horticultural Greenhouse .....	13,000 00
35. Farm Mechanics Building .....	33,000 00
36. Agricultural buildings of frame construction .....	60,000 00
37. Floricultural group (under construction) .....	50,000 00
	<hr/>
	\$2,825,000 00

It will be noted that this list shows the original cost of these buildings. One of them, University Hall, is forty years old, and several of them date from before 1900. In the case of all but the recently erected buildings, very material deductions for depreciation should be made from these figures in order to obtain an estimate of the present value of the buildings on the campus. Probably a reduction of more than half a million should be made for depreciation. The sum of two and a quarter millions would probably represent fairly the present value of the building plant.

The foregoing statement was received for record.

#### METHOD OF PAYING FOR MILK.

(10) A request from the Department of Dairy Husbandry, endorsed by the Dean of the College of Agriculture, that a more expeditious method of paying farmers for milk and cream purchased by the University for use in its experimental dairy work should be adopted.

On motion of Mr. Moore, this request from the Department of Dairy Husbandry was referred to the Chairman of the Finance Committee with a request that he report a plan for accomplishing the end in view.

It was voted, also, on motion of Mrs. Bahrenburg, that the Department of Dairy Husbandry be asked to present, at the next meeting of the board, a statement of the receipts of the University from the sale of dairy manufactures, and its expenditures for raw materials used in dairy manufactures, for the month of November, 1912.

#### INTERPRETATION OF THE RULE IN REGARD TO THE APPOINTMENT OF RELATIVES.

President James stated that a question had been raised by Professor E. C. Schmidt, of the Department of Railway Engineering, as to the interpretation of the rule\* of the Board of Trustees concerning the appointment of relatives of members of the board or relatives of members of the instructing or administrative staff of the University, to positions under the Board of Trustees, and requested that Professor Schmidt be given a hearing upon this question.

It was voted that Professor Schmidt be heard.

Professor Schmidt, being introduced, stated first that he wished it to be clearly understood that, in his opinion, and in the opinion of his colleagues throughout the University, so far as he knew, the rule adopted by the board in this matter is a wise and salutary provision for the administration of the University, and is calculated to prevent certain serious abuses which are always likely to spring up in the management of a large institution like the University of Illinois. He said that he had understood, however, that the rule applied to first appointments and not to re-appointments, and that he thought the board should make a definite ruling on this point. He added that if the board should decide that the rule should apply to re-appointments as well as to appointments, then, in his opinion, it should apply in such cases only from the time when the board gave its definite ruling upon the subject, inasmuch as otherwise we should have an instance of retroactive legislation, which is usually undesirable.

Professor Schmidt, then, at the request of President James, gave an interesting account of the development and equipment of the Locomotive Testing Laboratory which is now in process of erection upon the campus.

After an extended discussion of the interpretation of the rule relating to the appointment of relatives of members of the board or members of the instructing or administrative staff and of the points raised by Professor Schmidt in this connection, further consideration of the subject was postponed until the next meeting of the board.

\* Adopted September 30, 1898; re-enacted December 28 1908, in the revised Statutes; reaffirmed September 20, 1910 (Report 1912, pp. 11 and 12).

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

President James presented the following additional matters for consideration:

### B'NAI B'RITH PRIZE.

(1) The following letter from the Champaign and Urbana Lodge of the Independent Order of B'nai B'rith:

CHAMPAIGN, ILL., December 4, 1912.

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

DEAR SIR: The B'nai B'rith Lodge of Champaign and Urbana desires to offer the sum of fifty dollars (\$50) to the University of Illinois annually, for a period of five years, to be awarded in prizes to the students of the University for essays on Jewish subjects, under such conditions as may be fixed by the University authorities.

Fifty dollars for the current academic year are herewith enclosed.

Hoping that the University may be willing to undertake the award of the prizes, we are

Yours faithfully,

L. D. LEWIS,  
ISAAC KUHN,  
N. C. SEIDENBERG,

*Committee.*

It was voted to accept the gift described in the foregoing letter, to authorize the Council of Administration to determine the conditions on which the prizes shall be awarded, and to authorize the president of the University to extend the thanks of the board to the Champaign and Urbana Lodge of B'nai B'rith.

### FIRE IN UNIVERSITY HALL.

(2) The following statement from Professor James M. White, Supervising Architect, concerning the fire which occurred in the attic of University Hall on the night of November 15, 1912:

URBANA, ILL., December 9, 1912.

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

DEAR SIR: The night of November 15 a fire occurred in the attic of University Hall in the compartment of the roof space just south of the east tower. The attic of this building is divided by fire walls into spaces some of which are accessible only through scuttles in the room, which is the case in the one where the fire occurred.

Permission had been given the Home Coming Committee to operate a flashlight from the east tower, and our chief electrician connected on to a direct current wire which terminated in a box in this attic space. A temporary cable was run from there to the top of the tower, and the flashlight was operated by three students until about eleven o'clock at night.

In coming down the students noticed the odor of burning insulation but could not locate any trouble. They reported their suspicions to the janitor and night watchman and went back with them to search further. They finally saw some smoke and sent word over to the fire department, and Mr. Fay responded. They all continued the search for the trouble, but did not find it until flames began to break out along the ceiling line.

An alarm was promptly turned in and responded to by the University and by both city departments. The University department had water on the flames when the city departments arrived. The University department carried a line up the east fire-escape, but the hose proved defective, and the city department connected on to the stand pipe along side of the fire-escape. The University department also carried a line of hose from the inside stand pipe in the building through Philomathean Hall.

The fire was quickly put out, but the only reason for it not having been more serious is the fact that it was confined by the fire walls. The damage to the building was about \$300 and that to the furniture and decorating in the Philomathean Hall about \$100.

A careful examination failed to reveal the exact cause for the fire, but it is certain that it started from the wiring. The trouble does not seem to have been in the circuit leading to the flashlight, because that was reconnected and the flashlight operated Saturday night. The cause for the University hose being defective is still under investigation.

The repairs to the building have been completed with the exception of the repapering of the walls in the Philomathean Society room.

Yours truly,

JAMES M. WHITE,

*Supervising Architect.*

The foregoing statement was received for record.

## LEASE OF HAINES PROPERTY.

(3) The following letter from Dr. C. G. Hopkins, Professor of Agronomy, enclosing a lease and option of purchase of the property known as the Haines property:

December 12, 1912.

Dean Eugene Davenport, College of Agriculture.

MY DEAR DEAN DAVENPORT: I enclose herewith duplicate copy of a lease and option to purchase 47.67 acres of land lying between First Street and the Illinois Central Railroad, and known as the Haines property—the documents already being signed by Frederick A. Haines and his wife, Shirley J. Haines. As you will note, the lease is for the coming season, and we desire to use the land for field experiments in agronomy, particularly those relating to plant breeding and crop production.

I have understood that it is desired to secure options under which the University may have the privilege of purchasing land situated as this is, and consequently I secured the option specified in connection with this lease—\$750 per acre.

I consider that the term of rental, \$15 per acre, are very reasonable; in fact this is less than could easily be secured from share rent of land of such high productive power, and I beg to recommend that the lease be accepted, with the understanding that the rental will be paid from appropriations made by the State for crop investigations.

I assume that this document will require the signature of the President and Secretary of the Board of Trustees, or at least the authorization of that body. The secretary has expressed the opinion that the board will probably have a meeting next week, and the parties controlling this land desire to know the action of the University as early as possible in order that they may rent or sell to other parties in case the University does not accept the lease.

Yours very truly,  
CYRIL G. HOPKINS.

Description of the land:

Beginning at the southeast corner of section 13, township 19 north, range 8 east, 3d P. M., thence west 22.01 chains to the east line of the Illinois Central Railroad right-of-way, thence north along said right-of-way (8° east) 23½ chains to the southwest corner of W. Reinhart's lot, thence east 18.93 chains to the section line; thence south 23.29 chains to the place of beginning; 47.67 acres.

## [ENCLOSURE: LEASE AND OPTION TO PURCHASE.]

This indenture, made this.....day of December, 1912, between Frederick A. Haines, and Shirley J. Haines, his wife, of Seattle, Wash., the lessors, and .....of....., Ill., the lessee,

That whereas, the lessors are the owners of the hereinafter described real property and are desirous of leasing the same to the lessee with the privilege of purchasing,

Now therefore, the lessors do lease, demise, and let unto the..... lessee, the following described real property:

Beginning at the southeast corner of section 13, township 19 north, range 8 east, 3d P. M., thence west 22.01 chains to the east line of the Illinois Central Railroad right-of-way, thence north along said right-of-way (8° east) 23½ chains to the southwest corner of W. Reinhart's lot, thence east 18.93 chains to the section line; thence south 23.29 chains to the place of beginning; 47.67 acres.

To have and to hold for the term of one year, to wit: from the 1st day of March, 1913, to the 1st day of March, 1914, paying therefor rent in the sum of \$715.44, said rent to be paid on or before the 1st day of September, 1913, providing however, that in event said lessee purchases said property on or before September, 1913, at \$750 per acre cash, then and in that event the rent heretofore set forth shall be prorated for the unexpired leasehold term. The option to purchase shall expire September 1, 1913.

It is further understood and agreed, that said premises shall be left in as good condition as the same existed at the time of commencement of this lease, and should default be made in the payment of said rent when due, the lessor, their agents, or attorneys may re-enter and take possession of said property and terminate this lease and option agreement.

Witness the hands and seals of the parties hereto, said lessee being duly authorized to enter into this agreement by and through its proper officials, whose signatures are hereto affixed.

(Signed) SHIRLEY J. HAINES,  
FREDERICK A. HAINES,  
Lessors.

.....  
.....  
.....  
Lessee.

It was voted to authorize the officers of the board to sign this lease at the rental of seven hundred fifteen and forty-four dollars (\$715.44), and for the period of one year beginning March 1, 1913, and continuing until March 1, 1914, provided the said lease shall be approved by the legal counsel of the board.



The vote was as follows: Ayes, Mr. Abbott, Mr. Anthony, Mrs. Bahrenburg, Mr. Blair, Mrs. Bussey, Mrs. Evans, Mr. Grout, Mr. Hoit, Mr. Moore; noes, none; absent, Mr. Deneen, Mr. Hatch, Mr. Meeker.

#### REQUEST FOR PERMISSION TO UNDERTAKE OUTSIDE WORK.

(4) A request from Mr. Paul Hansen, Engineer in the State Water Survey, to be permitted to accept an engagement to become an associate with Mr. R. W. Pratt, of Cleveland, Ohio, in the installation of a water filtration plant of the mechanical type at Logansport, Ind.; this work would require Mr. Hansen's presence at Logansport about one day a month during its progress, and some additional time in the office in Urbana.

President James explained that the question in this case involved (1) the value to the University of having professors keep in close contact with practical work, and (2) the possibility of attracting able men to the University for smaller salaries than would otherwise be possible if they be allowed to undertake such work. Further consideration of this matter was postponed until a later meeting.

#### ACOUSTICS OF THE AUDITORIUM: REPORT OF PROGRESS.

(5) The following report of progress on the investigation of the acoustics of the Auditorium which has been made by Professor F. R. Watson:

It will be remembered that Professor Watson took up sometime ago the question of what could be done to remedy the acoustical defects in our Auditorium. This work has been in progress nearly four years, Professor Watson giving it as much time as his other work in the University will permit.

A year ago last spring a conference was held in the Auditorium itself. President W. L. Abbott of the Board of Trustees, Professor E. J. Berg, Professor J. M. White, and other members of the faculty were present at this meeting, at which a demonstration was given showing the method by which the investigation was proceeding.

Dr. Watson was abroad on leave of absence during the year 1911-12, and thus had opportunity to inspect a number of buildings in various cities. He visited the Royal Albert Hall in London, the Crystal Palace, and the Whispering Gallery at St. Paul's. During the five months he was in Berlin he inspected a number of halls and churches, and he made a special trip to Leipzig to inspect the concert hall there. He had further opportunity to visit audience rooms at Munich and in Paris.

On his return last summer, Professor Watson had a further conference with Mr. Blackall, the architect of the Auditorium, and they agreed upon certain suggestions. On the basis of these a set of plans was drawn, a copy of which was sent to Professor J. M. White and Professor Watson for inspection. It was deemed wise, however, to make some further examination of the Auditorium, to see how the proposed plan will affect the acoustics—so far as can be determined by experimental work. When this examination has been completed, a final report will be presented to the board with a recommendation for action.

Incidentally, while this practical work has been carried on, the purely scientific work in acoustics in the Department of Physics has received a decided impetus. A course in acoustics has been added to the courses in the Physics Department, and the store of apparatus for investigations in this line has been somewhat increased. A number of scientific papers will be the natural outcome of this investigation.

The foregoing report was received to be printed in the minutes.  
At this point Mr. Hoit withdrew.

#### FORM OF BUDGET.

(6) The following statement and report with respect to the form of the University budget:

Early in the year I appointed a committee to consider the question of what improvements might be made in the budget accounting of the University, and I submit herewith a report of that committee, made on December 3, 1912.

The suggestions made by the committee are valuable and are commended to the consideration of the board. It would be a comparatively simple matter to follow the suggestions of this committee if the Legislature would turn over the income of the mill tax to the University in a lump sum. It will be very difficult to follow them in such a way as to make the policy successful as long as our present method of assigning appropriations by the Legislature is followed.

The last Legislature—and the same thing is true in a smaller degree of the preceding Legislature—made large special appropriations, but failed to make corresponding general appropriations, so that the University has suffered decidedly in its general work. We have lacked sufficient funds for repairs to buildings, for the proper care of the grounds, etc., and for additions to general equipment.

## [REPORT OF COMMITTEE.]

December 3, 1912.

*President E. J. James.*

DEAR SIR: The Committee on Budget Accounting, appointed by you on October 4 last, has considered the matter submitted to it, and begs leave to report as follows:

1. It is the opinion of the committee that a budget should be made up assigning definite sums to specific interests, departments, or groups of subjects. These interests, departments, or groups of subjects should be as large as seems advisable.

Therefore, it is the opinion of the committee that general "overhead and underfoot charges" should be met by a specific assignment for general expenses, and not by a percentage assessment made afterwards on the appropriations made to the different interests.

2. The committee is of the opinion that appropriations to interests such as departments part of the burden of whose work is serving other interests or departments, should be made large enough to enable the department to carry this burden and at the same time develop its legitimate special interests adequately. For example, when, as a result of a special appropriation to a technical or professional department or school, the number of students is increased, thereby necessitating greater provision for instruction in auxiliary or collateral departments, like English, chemistry, etc., the appropriation for these auxiliary departments should be correspondingly increased.

3. Further, it is the opinion of the committee that the budget should include an item to be called by some such name as general reserve fund, to be at the disposal of the trustees for any purpose during the biennium period. It should be large enough to provide for an emergency, of considerable consequence, such as the loss of a building.

Respectfully submitted,

DAVID KINLEY,  
E. DAVENPORT,  
JOHN C. DUNCAN,  
O. E. STAPLES,  
JAMES M. WHITE,  
W. F. M. GOSS.

The foregoing statement and report were received to be printed in the minutes.

**GRADUATE SCHOOL BALANCE APPROPRIATED.**

(7) A request from Dr. David Kinley, Dean of the Graduate School, that the balance unappropriated of the sum appropriated by the General Assembly for the maintenance of the Graduate School for the biennium 1911-13 be now appropriated for the provision of additional equipment in manuscripts, maps, apparatus, books, and other supplies, and for the expenses, including extra help, cases, etc., incidental to securing or caring for this additional equipment, for the purpose of strengthening the departments represented in the Graduate School; and that the funds shall be expended upon the recommendation of the Dean of the Graduate School approved by the President of the University.

**SCHOLARSHIPS AND FELLOWSHIPS AUTHORIZED.**

(8) A further request from the Dean of the Graduate School that he be authorized to make the same announcement in regard to scholarships and fellowships for the academic year 1913-14 as was made for the present year, as to the number, stipendiums, etc., and that the President of the University be authorized to appoint such scholars and fellows.

On motion of Mrs. Evans, the foregoing requests, two in number, from the Dean of the Graduate School, were approved, and the corresponding appropriations made; the vote being as follows: Ayes, Mr. Abbott, Mr. Anthony, Mrs. Bahrenburg, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Grout, Mr. Moore; noes, none; absent, Mr. Deneen, Mr. Hatch, Mr. Hoit, Mr. Meeker.

**LABORATORY FEES IN MINING ENGINEERING.**

(9) A recommendation from the Council of Administration that the following laboratory fees be established for the courses in mining engineering:

Mining 4 .....	\$1 00
Mining 9 .....	2 00
Mining 10 .....	3 00

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

**CONSIDERATIONS WITH RESPECT TO THE PURCHASE OF LAND.**

(10) A communication from Professor H. A. Hollister, High School Visitor, on the subject of the abnormal cost of living at the University and its relation to the policy of the University with respect to the purchase of land.

URBANA, ILL., November 7, 1912.

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

MY DEAR PRESIDENT JAMES: It occurs to me that you might be interested in some impressions which I have received through a rather wide contact with people from outside the Twin Cities and throughout the State generally.

There seems to be a great deal of complaint because of the abnormal cost to students of living here. This abnormally large cost is known to be caused, to a considerable extent, by the inflated values in real estate in the territory constituting the University settlement. This inflated valuation is caused, in turn, by two factors, chiefly, which are well known to those who have observed the situation with any care. First of all, the cities are not developing fast enough to support so large an outside population as the student body and instructional force without rather seriously disturbing the equilibrium of supply and demand, as this relation affects the services which this large aggregation calls for.

In the second place, the territory available for residence purposes on both sides of the campus is already greatly circumscribed.

In the face of this latter condition now comes the University with propositions which, if they materialize, will greatly reduce even the already far too limited room for expansion of these residence districts.

Now I am wondering if the University authorities, in view of the comparative youthfulness of the University and the prospective large increase in size of this student and faculty aggregation, have fully weighed the consequence of their contemplated moves in the purchase or condemnation of adjacent properties, both to the east and south and to the west and south of the campus.

Please consider this as merely coming as a suggestion from one who believes in a great future for the University of Illinois.

Very sincerely,

H. A. HOLLISTER.

The foregoing communication from Professor Hollister was received for record.

#### COMMITTEE ON FURNISHING ADDITION TO WOMAN'S BUILDING.

It was voted to appoint Mrs. Bahrenburg, Mrs. Busey, Mrs. Evans, and Professor J. M. White, Supervising Architect, a special committee to have charge of the furnishing of the addition to the Woman's Building.

#### DR. BURRILL AND DR. SHATTUCK APPOINTED PROFESSORS EMERITI.

President James presented a recommendation that Dr. Thomas Jonathan Burrill be appointed Professor of Botany *emeritus*, and that Dr. Samuel Walker Shattuck be appointed Professor of Mathematics *emeritus*, beginning September 1, 1912. On motion of Mr. Blair, this recommendation was approved.

The board adjourned.

W. L. ABBOTT, *President.*

C. M. McCONN, *Secretary.*

## Meeting of January 7, 1913.

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, January 7, 1913, pursuant to the following notice which was sent out by the secretary on January 2, 1913:

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 the city of Chicago, on Tuesday, January 7, 1913, 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 matters as may be duly presented.

When the board convened, the following members were present: Mr. Abbott, Mr. Anthony, Mrs. Bahrenburg, Mrs. Bussey, Mrs. Evans, Mr. Grout, Mr. Hatch, Mr. Hoyt, Mr. Meeker. Dr. David Kinley, Dean of the Graduate School; Dr. Eugene Davenport, Dean of the College of Agriculture, and Professor Stephen A. Forbes, Director of the State Laboratory of Natural History and State Entomologist, were also present.

### MINUTES APPROVED.

The secretary presented the minutes of the meeting of December 19, 1912, which, on motion, were approved.

### REPORT OF EXECUTIVE COMMITTEE MEETING DECEMBER 21, 1912.

December 21, 1912.

*To the Board of Trustees of the University of Illinois:*

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held on Saturday, December 21, 1912, in the office of Mr. W. Carbys Zimmerman, State Architect, 1101 Steinway Hall, Chicago, Ill.

There were present Messrs. W. L. Abbott and Fred L. Hatch, members of the committee, Dr. Edmund J. James, President of the University, and Mr. W. Carbys Zimmerman, State Architect.

### FLORICULTURAL HOUSE AND VEGETABLE AND PLANT BREEDING HOUSE.

The bids on the Floricultural House and on the Vegetable and Plant Breeding House to be erected in connection with the new Greenhouse Plant of the Horticultural Department were opened, and were found to be as follows:

#### SCHEDULE OF BIDS—FLORICULTURAL HOUSE AND VEGETABLE AND PLANT BREEDING HOUSE.

Contractors.	"A" Both buildings in six months.	"B" Both buildings in seven months.	"C" Floricultural house only, seven months.	"D" Vegetable and plant breeding house only.	"E" Deduct from "A" or "B" if galvanized iron is used.	"F" Deduct from "A" or "B" if shingles are sub- stituted for slate.	"G" Deduct from "A" or "B" to sub- stitute § x 34" M and V joint cypress ceiling.
A. W. Stoolman.....		\$33,210 00	\$17,962 00	\$15,848 00	\$870 00	\$1,450 00	\$230 00
English Bros.....	\$33,000 00	33,000 00	17,800 00	15,245 00	805 00	274 00	345 00
Freeman & Brooks.....	34,500 00	34,000 00	18,500 00	16,000 00	922 00	336 00	379 00
Baird & Howe.....	37,045 00	35,045 00	18,169 00	16,267 00	842 00	381 00	270 00
Chas C. Gwinn.....	38,217 00	37,717 00	20,507 00	17,209 00	684 15	185 00	345 00
N. H. Shields.....	49,855 00	49,155 00	27,147 00	22,700 00	477 00	300 00	175 00

President James called attention to the fact that in the preliminary distribution of the buildings funds of the Agricultural Department only twenty thousand dollars (\$20,000) had been set aside for these two buildings, while the low bid, that of English Brothers, calls for thirty-three thousand dollars (\$33,000). The president stated, however, that it might be possible, by restricting certain assignments already made for other purposes which might perhaps be postponed, to provide, from the building funds of the Agricultural Department, the additional sum necessary for the completion of these two buildings.

It was voted that in case the President of the University shall find it possible to re-distribute the building funds of the Agricultural College as indicated above, he should be authorized to direct the State Architect to let the contract for the two buildings to English Brothers, at the price mentioned in the bid, namely, thirty-three thousand dollars (\$33,000) for both buildings completed within six months, on the basis of the plans indicated in alternative "A" above.

#### LECTURESHIP IN PUBLIC ACCOUNTANCY AND COMPTROLLERSHIP.

President James presented the name of Mr. George E. Frazer, of Madison, Wis., for the position of lecturer on public accountancy, stating also that it is proposed to assign to Mr. Frazer the duties of the comptrollership until further notice.

It was voted to authorize the President of the University to appoint Mr. Frazer to the position named, provided the absent member of the Executive Committee, Mr. A. P. Grout, who is also the chairman of the Finance Committee, concurs.

The committee adjourned.

W. L. ABBOTT,  
FRED L. HATCH.

#### HAINES LEASE SIGNED; OPTION PRICE CONSIDERED EXCESSIVE.

The secretary presented the following report with regard to the lease and option of purchase for the Haines property. This report was received for record.

January 3, 1913.

*To the Board of Trustees of the University of Illinois:*

At a special meeting of the board held on December 19, 1912, it was voted to authorize the officers of the board to sign a lease and option of purchase for 47.67 acres lying between First Street and the Illinois Central Railroad, and known as the Haines property, provided this lease should be approved by the counsel of the board.

I beg leave to report that this lease and option has been submitted to Dean Harker, and has been pronounced by him to be in proper form, and has been signed by the officers of the board.

I beg leave to report also that at the request of Mr. Abbott, I inserted in the margin of this document the following notation:

"I am directed by the President of the Board of Trustees to note hereon the opinion of the members of the said board with reference to the price of seven hundred fifty dollars (\$750) per acre named in the option contained herein, namely, that the said price is excessive, and that in authorizing the signing of this lease they do not wish to be understood as accepting this figure as a proper price for the land in question."

C. M. McCONN, *Secretary.*

#### GROWTH AND NEEDS OF THE COLLEGE OF SCIENCE.

The secretary presented, by the request of President James, the following memorandum relating to the growth of the College of Science, with a list of the new buildings needed for that college, and the work entrusted to its charge. This memorandum was received for record.

#### GROWTH OF THE COLLEGE OF SCIENCE.

Year.	Faculty.	Students.	Units of instruction.
1905-06	47	191	14,469
1906-07	52	209	18,089
1907-08	53	289	20,563
1908-09	65	299	21,799
1909-10	76	310	21,599
1910-11	79	361	23,579
1911-12	83	420	25,676
1912-13	91	445	.....

*Summary.*

	Per cent.
I. Increase in number of University students enrolled at Urbana (1905-06 to 1912-13) .....	36.8
II. Increase in instruction given by College of Science (1905-06 to 1911-12) .....	76.7
III. Increase in undergraduate enrollment in College of Science (1905-06 to 1912-13) .....	133

## NEW BUILDINGS NEEDED FOR COLLEGE OF SCIENCE.

*(Estimates include equipment.)*

I. Completion of Natural History Building.....	\$75,000 00	
Equipment for the same.....	25,000 00	
		\$100,000 00
II. Completion of Chemistry Laboratory with equipment.....		350,000 00
III. Biological laboratories*—		
(1) Greenhouse and equipment for botany.....	\$25,000 00	
(2) Vivarium and equipment for zoölogy.....	25,000 00	
(3) Insectary and equipment for entomology...	5,000 00	
		55,000 00
IV. Building and equipment for departments related to public health		250,000 00
		\$755,000 00

## GENERAL BUDGET.

	1912-13.	1913-14.	1914-15.
I. Materials and equipment.....	\$ 36,751 00	\$ 45,000 00	\$ 45,000 00
II. Salaries .....	131,990 00	180,000 00	180,000 00

## EXTENSION WORK: REPORT OF SENATE COMMITTEE.

The secretary presented also, by request of President James, the following preliminary report of a committee of the University Senate in favor of incorporating extension work as an integral part of the activities of the University; it being understood that the specific recommendations may be somewhat altered later, and that it is probable that a request will be made for a larger sum. The report was received for record.

## Recommended:

1. That the University recognize the various forms of extension work now being undertaken as a legitimate and commendable part of its activities; and that the Senate consider the question of granting credit for such work, when successfully completed under necessary restrictions.

2. That the University make separate provision for extension work, so that such work when undertaken shall not divert from other useful channels the present resources and energies of the University.

3. That the Senate recommend the appointment, at an early date, of a director of University extension, who shall organize, systematize, and strengthen the extramural work already being undertaken; who shall establish a central office of administration with the necessary clerical force, to the end that the routine work of extension may not fall upon existing departments; who shall investigate conditions, and shall, under proper direction, establish the necessary and desirable divisions of University extension; and who, acting jointly with the heads of the different departments concerned, may recommend the appointment of such instructors, lecturers and readers as may be needed in the development of extension work.

4. Your committee also recommends that extramural activities shall be subject to the same department supervision that is now given to the intramural activities.

5. Your committee also recommends that the Senate express its conviction that for carrying on this work the Board of Trustees should include in the budget an item of not less than \$25,000 a year for the first two years.

## EXPRESSION OF SYMPATHY FOR PRESIDENT JAMES.

It was voted to ask the secretary of the board to express to President James the regret of the members of the board at his illness, and their sincere hope for his speedy and complete recovery.

\* This estimate includes no provision for land upon which to locate these buildings. The land needed, together with the necessary experimental plots, will require the equivalent of a block.

## REPORT OF THE DIRECTOR OF THE STATE LABORATORY OF NATURAL HISTORY.

Professor Stephen A. Forbes, Director of the State Laboratory of Natural History, presented the following report of the work of the State Laboratory during the past two years. This report was received for record.

January 6, 1913.

*To the Board of Trustees, University of Illinois:*

The operations of the State Laboratory of Natural History have lately been directed to a careful, detailed study of the plant and animal life of the Illinois River, including, of course, its fishes, with special reference to the conditions produced by reclamation projects, the development of industrial operations on its banks and in its neighborhood, and the contamination of its waters by great cities now using it as an outlet for their sewage and manufacturing wastes. We have also given much attention to the economic values of the birds of the State as shown by a careful census of its different species in different situations in all parts of Illinois and in the various seasons of the year.

In our Illinois River work we have had the advantage of cooperation with the Chemical Water Survey of the State, with the Illinois State Fish Commission, and with the United States Bureau of Fisheries, the United States Bureau making to us a grant of funds towards the expenses of the work, and the Fish Commission giving us the use, for special purposes, of parts of its equipment including the steamer "Illinois" and the fish hatchery at Havana.

This river work has given us the data, obtained by many chemical analyses of waters and sediments and by systematic and long-continued collections of plants and animals from the waters, shores and bottom of the stream, from an intelligent discussion of the whole system of life on the upper part of the river under present conditions; and a preliminary report of these results is now in course of preparation. While similar work has lately been done on other rivers, particularly in Germany, there is no other which presents similar conditions to those of the Illinois, and we are certain to derive, from a study of it, some novel and important contributions to aquatic biology, and to a knowledge of the effects of various classes of contamination upon a flowing stream.

The bird census data have all been completed, tabulated, and prepared for description and discussion, and are now in the hands of one of my assistants who will share with me the responsibility for a final report.

A considerable part of the appropriations of the laboratory goes to the care and maintenance of the large collections we have accumulated during a long course of years, and likewise to the care and improvement of our library, which has become very valuable both for our own work and for the use of the biological departments of the University. Under the new arrangement the library is now well placed and well cared for; but the collections are largely out of use, for lack of room and furniture for their systematic arrangement in an accessible place where they might be resorted to for reference and special study. Whenever the proper room and suitable cases can be provided by the University, I shall be pleased to bring together a selected series of these specimens, and to arrange them in such a way that they can be as readily referred to by students and instructors as are the books in the library. This, I am sure, will be a great help particularly to the instructional staff and advanced and graduate students, and would decidedly stimulate work on the biology of the State in several directions. Indeed, I think it would bring to the University high school and college teachers of biology, who could find there materials and facilities for a study of our local fauna, and of some parts of our aquatic botany also, which are not now open to them anywhere in the country.

I should like to do substantially the same thing with the entomological collections under my control, made partly at the expense of the State Laboratory funds, but mainly from those of the State Entomologist's office. These should be completely determined, the unclassified material should be incorporated in the collections, and the whole placed in a fireproof room equipped with steel cases and pestproof drawers, where it would be accessible to all entitled to its use and be at the same time safe against destruction. The invaluable and largely irreplaceable collections of the Natural History Survey are now all in the old part of the Natural History Building, where they are subject to destruction by fire; the fireproof part of the building being mainly assigned to offices, classrooms, laboratories and the like, some of which might well be transferred to the less safe part of the building.

I am now working on an appropriation of \$10,000 per annum, of which \$8,000 is for the expenses of the Natural History Survey, and \$2,000 is for the publication of bulletins and reports. This appropriation comes at present, as you will remember, from the State treasury, and does not pass into the possession of the Treasurer of the University. It has provided during the last two years for the maintenance and improvement of our library, for the care of our large collections, and the determination of new material, for the replacement and repair of equipment, for the field and investigation work of the Illinois River Station, for the preparation of manuscript on the bird census of the State, and for salaries of supervision.

I should like, during the coming two years, to be able to prepare for publication the results of our river work to date, and to continue this work down the lower part of the stream in order that the biological system of the river may finally be treated as a unit. I should next like to undertake to bring together, to fill out, and to publish the more important product of all our survey operations in a way to present it as a finished piece of work by the centennial year, 1917. To enable me to carry the work forward on such a plan, it will be necessary to increase our present appropriations to a minimum sum of \$15 000 per annum,

instead of the present \$10,000. In making this estimate I am supposing that the University will assume the expenses involved in the safer location and permanent protection of the State Laboratory collections, since these have cost it nothing thus far and will be made as available for general university purposes of instruction and investigation as if they had been obtained for these purposes by the University itself.

Respectfully submitted,

STEPHEN A. FORBES, *Director.*

### STOCK JUDGING PAVILION: BIDS.

At 3:00 P.M., at which hour on this date the bids on the Stock Judging Pavilion were due, these bids were received from the office of the State Architect, and were opened. They were found to be as follows:

#### SCHEDULE OF BIDS—STOCK JUDGING PAVILION.

Alternates.	English Bros.	A. W. Stoolman.	N. H. Shields.	E. L. Scheidenhelm.
A. Complete building, 7 months.	\$90,000 00	.....	\$94,900 00	\$112,409 00
B. Complete building, 8 months.	89,500 00	\$89,983 00	93,938 00	112,000 00
C. Add for subst. of terra cotta for wood cornice and plastered the partition in arcade corridor .....	2,000 00	1,905 00	1,905 00	1,827 00
D. Deduct, for subst. of sheet for plate glass for balcony transom windows .....	250 00	182 00	100 00	90 00
E. Deduct, for omission for reinforced concrete work, iron pipe rails, and steam heating and piping .....	10,000 00	11,526 00	9,535 00	18,197 00
F. Add, per cu. yd. of additional excavation .....	1 00	65	1 00	75
G. Add, per cu. ft. of additional concrete work .....	25	30	35	40
H. (Optional) Add, for subst. of cast concrete for terra cotta .....	.....	.....	.....	{ 127 00 }
I. (Optional) Deduct, for subst. of optional steel truss design .....	.....	1,875 00	1,275 00	{ 57 00 }
				1,895 00

On motion of Mr. Meeker, it was voted to refer these bids to the Executive Committee and the State Architect, with instructions to accept alternative "B" minus "E," and with power to act. The vote was as follows: Ayes, Mr. Abbott, Mr. Anthony, Mrs. Bahrenburg, Mrs. Busey, Mrs. Evans, Mr. Grout, Mr. Hatch, Mr. Hoit, Mr. Meeker; noes, none; absent, Mr. Blair, Mr. Deneen, Mr. Moore.

At this point Mr. Anthony withdrew.

### METHOD OF PAYMENT FOR DAIRY MATERIALS.

Mr. Grout, as Chairman of the Finance Committee, presented the following letter from Mr. N. W. Hepburn, of the Department of Dairy Husbandry, with the recommendation that the method outlined therein of making payment for milk and cream used in the work in dairy manufactures be approved; this matter having been referred to the chairman of the Finance Committee for recommendation at the meeting of December 19, 1912 (p. 149):

*Dean E. Davenport, College of Agriculture, University of Illinois.*

MY DEAR DEAN DAVENPORT: The following is a brief outline of the system now used by the Dairy Department in paying farmers for milk and cream delivered to the University for making butter and cheese in connection with class and experimental work.

Payments are made twice each month through the regular channels of the business office. The method consists in issuing a voucher to each farmer, at the end of each half month, from dairy husbandry office. These vouchers, in turn, are forwarded to the business office, where checks are drawn for the amount called for on each voucher. This, and securing the signatures on checks, takes about two weeks, which means that a farmer delivering a can of cream the first of the month must wait about four weeks for payment. This delay is caused from the fact that these vouchers must pass through eight (8) offices and eleven (11) clerks before payment can be made.

This method has been satisfactory until local creameries and centralizers changed their business system and began sending personal solicitors into the more remote territories and paying for each can of cream the same day it is delivered.



With this system in use all about us, it is very difficult to keep even a part of our old patrons, and impossible to secure new ones. I believe, therefore, that if our commercial creamery is to continue we must meet this situation with some changes in our business system.

The following plan has been worked out, in advisement with the business office, and has been approved by the chief clerk and Professor Fraser.

Funds received from sales of dairy products will be deposited in a local bank; voucher checks will be drawn from the dairy husbandry office against this account to pay patrons. At the end of each month the canceled vouchers will be turned into the business office together with surplus cash equal to the amount called for by the detailed monthly report. Under this system the relations between the Dairy Husbandry Department and the business office remain practically unchanged, the dairy husbandry office still remaining responsible to the business office for its transactions; yet, by the adoption of this plan, we shall be enabled to make prompt daily payment, which seems to be necessary to preserve our present business.

The above matter is presented in order that we may ask that \* \* \* the one in charge of dairy manufactures furnish a suitable bond and be empowered to deposit the necessary receipts from that department in a local bank and draw voucher checks over his signature for the purpose of paying farmers daily for dairy products delivered to our creamery.

Very truly yours,

N. W. HEPBURN.

It was voted to approve the recommendation of the chairman of the Finance Committee that the method outlined in the foregoing letter of making payment for materials used for dairy manufactures be approved. The vote was as follows: Ayes, Mr. Abbott, Mrs. Bahrenburg, Mrs. Busey, Mrs. Evans, Mr. Grout, Mr. Hoit, Mr. Meeker; noes, Mr. Hatch; absent, Mr. Anthony, Mr. Blair, Mr. Deneen, Mr. Moore.

#### RELATIONS WITH THE STATE BOARD OF PRISON INDUSTRIES AND THE CIVIL SERVICE COMMISSION.

Dean Davenport outlined briefly the difficulties of transacting business in the University resulting from the fact that the actions of the Board of Trustees and of the University officers appointed by the Board of Trustees are now subject to review and veto in many important matters by other boards and commissions, including the State Board of Prison Industries, the State Civil Service Commission, and the State Architect.

At this point Mr. Meeker withdrew.

#### APPOINTMENT TO PROFESSORSHIP IN ACCOUNTING AND COMPTROLLERSHIP.

Dean Kinley, acting for President James, presented a recommendation that the President of the University be authorized to appoint Mr. George E. Frazer, of Madison, Wis., to be Professor of Public Accounting, for a term of three years beginning January 13, 1913, with the further assignment of the duties of Comptroller of the University until further notice, with a salary at the rate of thirty-six hundred dollars (\$3600) per annum for the first year, and at the rate of four thousand dollars (\$4,000) per annum for each of the two succeeding years of this appointment.

On motion of Mr. Hatch, this recommendation was approved, the vote being as follows: Ayes, Mr. Abbott, Mrs. Bahrenburg, Mrs. Busey, Mrs. Evans, Mr. Grout, Mr. Hatch, Mr. Hoit; noes, none; absent, Mr. Anthony, Mr. Blair, Mr. Deneen, Mr. Meeker, Mr. Moore.

#### PLANS FOR PROPOSED NEW LIBRARY BUILDING.

Dean Kinley presented, by request of President James, the following letters from Professor James M. White, Supervising Architect, and Mr. W. Carbys Zimmerman, State Architect, with reference to the site and plans for the proposed new Library Building. These letters were received to be printed.

#### [PROFESSOR WHITE'S LETTER.]

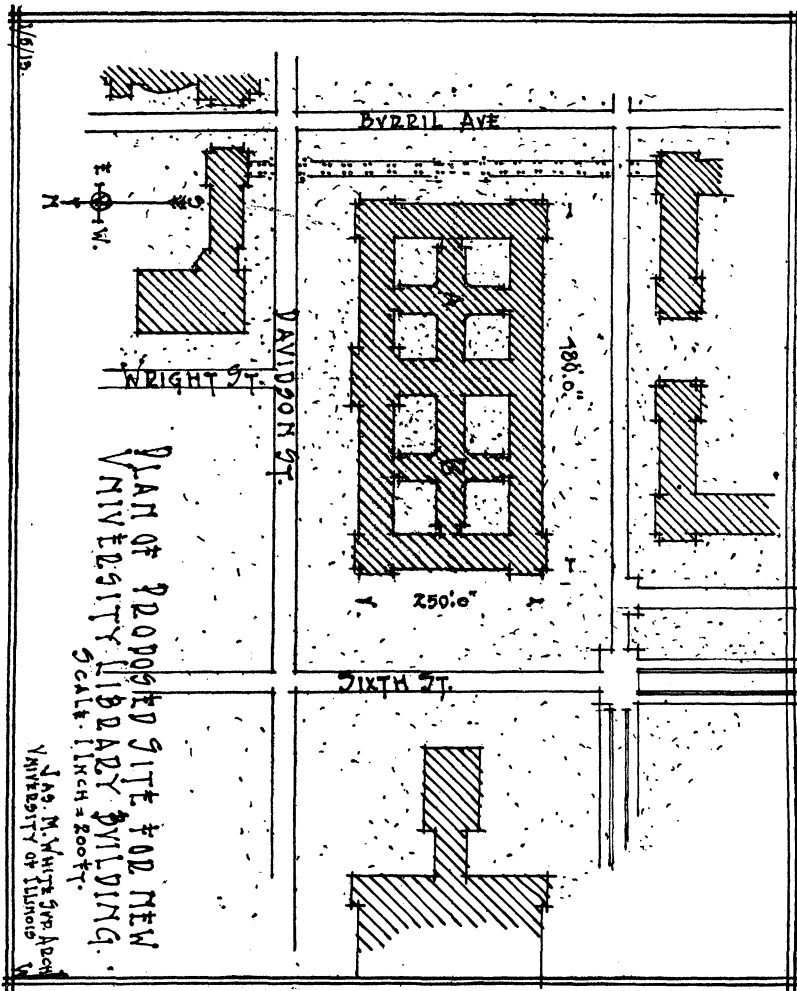
URBANA, ILL., January 6, 1913.

Mr. W. Carbys Zimmerman, Steinway Hall, Chicago, Ill.

DEAR SIR: I am enclosing a sketch showing the approximate size and shape of the proposed Library Building as we have worked it out. Am also enclosing

sketch showing the dimensions of the plot on which it is proposed to locate it. The location of the building on this plot seems to be established by the axis of Wright Street and the axis of the Armory.

We have not developed the plan to any extent on account of lack of time, but it seems to us that the axis of Wright Street should be emphasized as the important axis, and that the entrances should be located at the north and south ends of this central unit. Also, all public rooms should be kept in this unit. With the entrances at the two ends of this unit all traffic could be made to pass by a central point at the intersection of the two main axes, thus giving perfect



supervision over the building. From this central point the circulation would be east or west to stair towers at A and B at the centers of the two major courts, which in turn would act as distributing centers to the main reading and work rooms. This would keep the main corridors in the courts, and would also give small study-rooms off these corridors which would be well lighted and ventilated. By eliminating the corridors from the main working units we get plenty of light and cross ventilation into the stacks and seminar rooms.

Very truly yours,

JAMES M. WHITE,

*Supervising Architect.*

## [MR. ZIMMERMAN'S LETTER.]

January 6, 1913.

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

DEAR MR. JAMES: The site suggested for the proposed new University Library Building seems to me to be a very good one and does not interfere with the general scheme of the group plan.

The building should be located so that the north front of the building centers on Wright Street, running from that point west along the north line of the present Horticultural Orchards to Sixth Street, and east along the same line projected to Burrill Avenue, and as close to the said line as the general campus plans will permit.

Sincerely yours,

W. CARBYS ZIMMERMAN.

The board adjourned.

W. L. ABBOTT, *President.*C. M. McCONN, *Secretary.*

## MEETING OF THE EXECUTIVE COMMITTEE, JANUARY 7, 1913.

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in the city of Chicago, immediately following the adjournment of the special meeting of the board on January 7, 1913.

There were present: Messrs. Abbott and Grout, members of the Executive Committee; also Mrs. Bahrenburg, Mrs. Busey, Mrs. Evans, and Mr. Hoit, members of the board, and Dean Kinley.

MEETING OF THE EXECUTIVE COMMITTEE JANUARY 7, 1913.  
AUTHORITY FOR APPOINTMENT OF ASSISTANT TO THE DIRECTOR  
OF THE ENGINEERING EXPERIMENT STATION.

Dean Kinley, acting for President James, presented a recommendation that the President of the University be authorized to appoint Mr. Alfred Knight Chittenden, at present Forester in the United States Indian Service, Department of the Interior, Washington, D. C., to be Lecturer on Timber and Timber Resources in the College of Engineering and assistant to the Director of the Engineering Experiment Station, with a salary of twenty-seven hundred fifty dollars (\$2750) a year, beginning February 1, 1913. This recommendation was approved.

The Executive Committee adjourned.

C. M. McCONN, *Clerk.*W. L. ABBOTT,  
A. P. GROUT.

## Meeting of January 25, 1913.

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 Saturday, January 25, 1913, pursuant to the following notice which was sent out by the secretary on January 20, 1913:

Upon the call of the president, Mr. W. L. Abbott, 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 Saturday, January 25, 1913, beginning at 12:30 P.M., for the further consideration of the bids on the Stock Judging Pavilion, and for the consideration of such other matters as may be duly presented.

When the board convened the following members were present: Mr. Abbott, Mrs. Bahrenburg, Mr. Blair, Mrs. Evans, Mr. Grout, Mr. Hatch, Mr. Hoit, Mr. Meeker, Mr. Montgomery, Mr. Moore. Professor James M. White, Supervising Architect; Mr. W. Carby's Zimmerman, State Architect, and Mr. H. W. Mumford, Professor of Animal Husbandry, were also present.

### MINUTES APPROVED.

The secretary presented the minutes of the special meeting of January 7, 1913, which, on motion of Mr. Hoit, were approved.

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

The secretary presented the following report of appointments made by the President of the University to fill vacancies in positions authorized by the Board of Trustees:

Frazer, George E., Professor of Public Accounting, for a term of three years beginning January 13, 1913, with the further assignment of the duties of Comptroller of the University until further notice, with a salary at the rate of thirty-six hundred dollars (\$3,600) per annum for the first year and four thousand dollars (\$4,000) per annum for each of the two succeeding years of this appointment. (January 11, 1913.)\*

Hooker, Fred, Toolroom Attendant in the Woodshop, beginning December 7, 1912, and continuing until further notice or until August 31, 1913, with a salary at the rate of five hundred fifty dollars (\$550) for twelve months' service, vice L. C. Demlow, resigned. (December 24, 1912.)

Mathers, Jennie A., Temporary Stenographer in the Office of the College of Literature and Arts, on probation for three months under the regulations of the Illinois Civil Service Commission, beginning December 3, 1912, at a salary of fifty dollars (\$50) a month, vice Rose Ryan, resigned. (December 24, 1912.)

Oaks, Catherine S., Catalog Assistant in the Library, for eight months beginning January 1, 1913 (without vacation), at a salary of sixty-five dollars (\$65) a month, vice Ethel Bond, resigned. (December 24, 1913.)

### REPORT OF THE TREASURER.

The secretary presented the report of Mr. H. A. Haugan, Treasurer, for the quarter ended December 31, 1912. This report was received for record.

#### TREASURER'S REPORT.

H. A. HAUGAN, TREASURER, IN ACCOUNT WITH THE UNIVERSITY OF ILLINOIS,

DECEMBER 31, 1912.

1912.	DR.	
Sept. 30. Balance per last statement		\$744,200 77
Oct. 1. Received from W. B. Day, Actuary, for credit of School of Pharmacy fund		250 00

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

TREASURER'S REPORT—*Concluded.*

		DR.	
1912.	2.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund .....	\$ 200 00
	5.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund .....	160 00
	14.	Received from U. S. Treasurer, for credit of Agricultural Experiment Station fund .....	7,500 00
	16.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund .....	62 84
	17.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund .....	175 00
	19.	Received from O. E. Staples, Chief Clerk, for credit of Agricultural Experiment Station fund .....	25 00
	19.	Received from O. E. Staples, Chief Clerk, for credit of general fund .....	15,000 00
	19.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund .....	185 00
	23.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund .....	80 00
	26.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund .....	130 00
Nov.	6.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund .....	190 00
	16.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund .....	100 00
	21.	Received from O. E. Staples, Chief Clerk, for credit of general fund .....	1 00
	22.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund .....	75 00
	30.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund .....	50 00
Dec.	4.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund .....	85 00
	6.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund .....	90 00
	10.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund .....	135 00
	12.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund .....	60 00
	17.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund .....	42 00
	23.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund .....	35 00
	31.	Received from O. E. Staples, Chief Clerk, for credit of general fund .....	10,000 00
Total .....			\$778,831 61

		CR.	
1912.	Dec. 31.	By amount paid out of general fund, as per list of warrants herewith .....	\$588,029 91
		By amount paid out of College of Medicine fund .....	
		By amount paid out of School of Pharmacy fund, as per list of warrants herewith.....	6,867 75
		By amount paid out of Agricultural Experiment Station fund, as per list of warrants herewith .....	6,491 61
			\$601,380 27
<i>Balances—</i>			
		General fund .....	\$158,980 43
		College of Medicine fund .....	4,888 22
		School of Pharmacy fund .....	7,885 19
		Agricultural Experiment Station fund .....	5,747 50
			177,451 34

\$778,831 61

Respectfully submitted,  
HENRY A. HAUGAN, *Treasurer.*

## REPORT OF THE BUSINESS OFFICE.

The secretary presented a letter from Professor George E. Frazer, Comptroller, transmitting the report of the business office for the quarter ended December 31, 1912. This letter and report were received for record.

January 17, 1913.

Mr. W. L. Abbott, *President Board of Trustees, University of Illinois.*

SIR: I have the honor to hand you herewith a report of the receipts and remittances of the chief clerk, and of the expenditures from current appropriations,

from State appropriations, and from United States appropriations, for the three months ending December 31, 1912, together with a summary of these cash transactions. These reports were prepared by the bookkeeper in the business office, Mr. Lloyd Morey, prior to the date of the assignment to me of the duties of University comptroller.

Respectfully submitted,  
GEO. E. FRAZER.

### RECEIPTS AND REMITTANCES OF THE CHIEF CLERK.

Balance, October 1, 1912..... \$15,288 55

#### RECEIPTS.

Accountancy .....	\$ 68 16
Agricultural College .....	10,059 35
Agricultural Experiment Station receipts.....	8,469 86
Band instrument deposits .....	5 00
Blue printing .....	380 39
Buildings and grounds .....	868 47
Engineering Building site .....	63 85
Engineering College .....	348 20
Engineering Experiment Station .....	255 54
Hospital Association .....	196 71
Interest on land contracts .....	48 30
Library fines .....	65 00
Lockers—General .....	39 00
Lockers—Gymnasium .....	216 00
McKinley fund—Interest .....	23 62
McKinley fund—Principal .....	455 00
Philology, Journal of .....	152 70
Snyder fund—Interest .....	166 26
Snyder fund—Principal .....	673 25
Student deposit—Snyder fund .....	2,371 67
Special fees .....	730 50
Summer session fees .....	18 00
University fees .....	3,098 75
University studies .....	11 28
Water survey .....	45 75
Zoology .....	6 25
	28,836 86

#### REMITTANCES TO H. A. HAUGAN, TREASURER.

October 17, 1912.....	\$15,025 00	
December 30, 1912.....	10,000 00	
		\$25,025 00
Balance, December 31, 1912.....		19,100 41
	\$44,125 41	\$44,125 41

### EXPENDITURES.

#### CURRENT EXPENDITURES.

	Appropriation.	Expenditures before reported.	Expenditures this quarter.	Total expended.	Balance.
Accountancy.....	\$ 2,851 15	\$ 362 05	\$ 379 70	\$ 741 75	\$ 2,109 40
Agricultural College .....	26,235 75	7,246 28	8,605 91	15,852 19	10,383 56
Agricultural experiment station.....	25,663 49	2,017 09	1,075 43	3,092 52	22,570 97
<i>Alumni Quarterly</i> .....	1,000 00	250 00	250 00	500 00	500 00
<i>Alumni Record</i> .....	5,328 07	356 96	224 14	581 10	4,746 97
Applied mechanics.....	1,353 51	89	.....	89	1,352 62
Art and design .....	500 00	.....	111 97	111 97	388 03
Band instruments deposits .....	150 50	10 00	25 00	35 00	115 50
Blue printing .....	1,250 36	388 96	559 69	948 65	301 71
B'nai B'rith library .....	525 00	.....	153 20	153 20	371 80
Botany.....	2,500 00	532 73	1,027 23	1,559 96	940 04
Chemistry .....	15,000 00	7,238 92	2,298 36	9,537 28	5,462 72
Classics.....	100 00	.....	32 79	32 79	67 21
Dean of men.....	3,000 00	559 80	1,011 21	1,571 01	1,428 99
Dean of women.....	500 00	48 50	172 42	220 92	279 08
Editing University Bulletin.....	1,000 00	.....	4 05	4 05	995 95
Education, school of .....	2,250 00	71 00	355 52	426 52	1,823 48
Engineering building site.....	1,274 25	1 20	.....	1 20	1,273 05
Engineering College .....	12,000 00	1,859 53	2,373 84	4,233 37	7,766 63
Engineering experiment station.....	672 37	.....	.....	.....	672 37
English.....	1,550 00	104 39	346 50	450 89	1,099 11
Entomology.....	1,451 00	831 33	244 19	1,075 52	375 48
Geology.....	1,340 80	144 53	187 31	331 84	1,008 96
German languages .....	200 00	.....	8 17	8 17	191 83
Gymnasium lockers.....	1,911 00	588 00	139 95	727 95	1,183 05
High school contest.....	400 00	20 00	33 40	53 40	346 60
History .....	150 00	1 40	52 63	54 03	95 97

## EXPENDITURES—Continued.

	Appropriation.	Expenditures before reported.	Expenditures this quarter.	Total expended.	Balance.
Hospital association .....	\$ 1,021 71	\$ 369 50	\$ 248 75	\$ 618 25	\$ 403 46
Illinois Cannery Association fund....	436 13	199 83	236 30	436 13	.....
Incidentals .....	10,000 00	1,880 61	2,536 03	4,416 64	5,583 36
Interest on land contracts .....	48 30	.....	.....	.....	48 30
Labor .....	60,000 00	11,180 55	15,661 26	26,841 81	33,158 19
Library .....	3,145 00	507 10	843 61	1,350 71	1,794 29
Library fines .....	92 35	25 00	23 33	48 33	44 02
Library school .....	1,080 00	11 90	162 10	174 00	906 00
Library students assistants.....	3,940 00	798 90	1,341 38	2,140 98	1,799 72
Library supplies .....	145 95	145 95	.....	145 95	.....
Lincoln hall dedication.....	750 00	.....	62 89	62 89	687 11
Literature and arts, college of.....	800 00	66 45	78 44	144 89	655 11
McKinley fund, interest.....	23 62	.....	.....	.....	23 62
McKinley fund .....	455 00	.....	.....	.....	455 00
Mathematics .....	200 00	5 50	.....	24 13	175 87
Medicine, college of .....	16,644 12	11,869 65	18 63	11,869 65	4,774 47
Military department .....	1,150 00	120 35	229 21	349 56	800 44
Military and band scholarships.....	2,000 00	.....	.....	.....	2,000 00
Music, school of .....	1,400 00	276 29	532 42	358 71	541 29
Pharmacy, school of .....	11,884 94	2,630 26	1,554 49	4,184 75	7,700 19
<i>Philology, Journal of</i> .....	706 92	41 42	46 72	88 14	618 78
Philosophy.....	100 00	4 95	2 60	7 55	92 45
Physical training, men.....	1,200 00	10 00	585 70	595 70	604 30
Physical training, women.....	741 02	136 54	63 65	200 19	540 83
Physics laboratory assistants.....	600 00	.....	126 00	126 00	474 00
Physiology .....	1,900 00	5 58	637 45	643 03	1,256 97
Plym fellowship.....	1,000 00	400 00	200 00	600 00	400 00
Political science.....	50 00	.....	15 71	15 71	34 29
Psychology .....	500 00	20 00	137 04	157 04	342 96
Public school drawing exhibit.....	500 00	.....	.....	.....	50 00
Rebates to students.....	5,000 00	740 70	3,119 75	3,860 45	1,139 55
Romance languages.....	100 00	2 09	28 01	30 10	69 90
Science, college of.....	700 00	92 37	110 41	202 78	497 22
Snyder fund.....	2,577 82	1,500 00	1,475 00	2,975 00	.....
Snyder fund deposits.....	2,371 67	.....	871 67	871 67	1,500 00
Snyder fund interest.....	600 00	.....	300 00	300 00	300 00
Sociology .....	50 00	8 00	65	8 65	41 35
Soil extension (I. C. R. R.).....	1,019 85	612 11	373 45	985 56	34 29
Summer library school .....	515 00	.....	.....	.....	515 00
Supervising architect.....	1,800 00	460 58	659 43	1,120 00	679 99
University fellowships.....	2,400 00	185 00	555 00	740 00	1,660 00
Water survey records.....	145 75	23 05	.....	23 05	122 70
Womans' league loan fund.....	220 00	.....	.....	.....	220 00
Zoology .....	4,750 00	685 87	1,989 68	2,675 55	2,074 45
Totals, current appropriations....	\$254,472 40	\$57,649 66	\$54,549 37	\$112,199 03	\$142,273 37

## STATE APPROPRIATIONS.

	Appropriation.	Expenditures before reported.	Expenditures this quarter.	Total expended.	Balance.
Agricultural College .....	\$415,800 00	\$225,548 53	\$63,974 69	\$289,523 22	\$126,276 78
Agronomy green house.....	9,000 00	8,152 87	329 62	8,482 49	517 51
Animal husbandry building.....	80,000 00	294 86	250 18	545 04	79,454 96
Apparatus and appliances—					
Closed out.....	3,998 83	3,998 83	.....	3,998 83	.....
Astronomy .....	3,101 17	1,546 49	20 00	1,566 49	1,534 68
Botany.....	900 00	35 25	864 75	900 00	.....
Totals, apparatus and appliances.....	\$8,000 00	\$5,580 57	\$884 75	\$6,465 32	\$1,534 68
Armory .....	\$100,000 00	\$ 3,720 10	\$5,300 39	\$ 9,020 49	\$90,979 51
Buildings and grounds.....	50,000 00	30,797 84	5,957 59	36,755 43	13,244 57
Cabinets—					
Closed out.....	3,407 79	3,407 79	.....	3,407 79	.....
Lincoln hall.....	3,480 84	1,128 16	1,372 36	2,500 52	980 32
Natural history museum..	1,111 37	135 84	143 47	279 31	832 06
Totals, cabinets.....	\$8,000 00	\$4,671 79	\$1,515 83	\$6,187 62	\$1,812 38

## EXPENDITURES—Continued.

	Appropriation.	Expenditures before reported.	Expenditures this quarter.	Total expended.	Balance.
Ceramics.....	\$ 30,000 00	\$ 14,986 60	\$ 4,583 83	\$ 19,570 43	\$10,429 57
Ceramics building.....	21,000 00	9,467 88	6,223 79	15,691 67	5,308 33
Chemical laboratory.....	20,000 00	14,568 39	4,151 98	18,720 37	1,279 63
Clinic building.....	5,000 00	.....	.....	.....	5,000 00
Cold storage.....	9,000 00	.....	.....	.....	9,000 00
Commerce building.....	125,000 00	60,261 74	28,948 17	89,209 91	35,790 09
Crop experiments.....	30,000 00	15,530 69	4,802 20	20,332 89	9,667 11
Dairy barn.....	10,000 00	812 87	2,177 65	2,990 52	7,009 48
Dairy investments.....	30,000 00	20,392 86	6,549 08	26,941 94	3,058 06
Drains, fences and repairs....	5,000 00	2,837 74	.....	2,837 74	2,162 26
Engineering bldg. & grounds....	200,000 00	119,314 66	42,072 06	161,386 72	38,613 28
Engineering extension and maintenance—					
Closed out.....	74,391 40	74,391 40	.....	74,391 40	.....
College.....	31,975 03	5,941 34	6,419 37	12,360 71	19,614 32
Experiment station.....	43,633 57	9,632 48	9,492 49	19,124 97	24,508 60
Salaries.....	30,000 00	2,999 98	8,999 94	11,999 92	18,000 08
Totals, engineering, extension and maintenance.....	\$180,000 00	\$92,965 20	\$24,911 80	\$117,877 00	\$62,123 00
Fire protection.....	\$ 3,000 00	\$ 2,375 34	\$ 559 65	\$ 2,934 99	\$ 65 01
Floriculture.....	16,000 00	9,966 50	2,445 34	12,411 84	3,588 16
Glass house.....	30,000 00	3,314 20	14,273 22	17,587 42	12,412 58
Graduate school.....	100,000 00	45,300 96	12,375 19	57,676 15	42,323 85
Gymnasium.....	5,000 00	4,152 28	847 72	5,000 00	.....
Heating and lighting plant....	30,000 00	28,748 48	428 85	29,177 33	822 67
Horticulture.....	30,000 00	18,689 65	5,500 04	24,189 69	5,810 31
Household science.....	5,000 00	2,500 00	107 58	2,607 58	2,392 42
Interest on endowment fund—					
Closed out.....	32,411 82	32,411 82	.....	32,411 82	.....
Agricultural college.....	8,103 98	8,103 98	.....	8,103 98	.....
General.....	8,103 98	1,624 99	4,874 97	6,499 96	1,604 02
Totals, interest on endowment fund.....	\$48,619 78	\$42,140 79	\$4,874 97	\$47,015 76	\$1,604 02
Law building.....	\$ 15,000 00	\$ 3,822 70	\$ 5,876 59	\$ 9,699 29	\$ 5,300 71
Law school.....	50,000 00	25,644 33	7,065 39	32,709 72	17,290 28
Library.....	50,000 00	24,662 12	7,005 10	31,667 22	18,332 78
Live stock specimens.....	22,500 00	14,196 78	2,598 05	16,794 83	5,705 17
Mines, investigation.....	10,000 00	6,344 52	1,185 03	7,529 55	2,470 45
Mining building.....	25,000 00	8,909 08	11,643 16	21,552 24	4,447 76
Mining engineering.....	30,000 00	9,358 20	3,265 30	12,623 50	17,376 50
Operating expenses—					
Closed out.....	545,561 62	545,561 62	.....	545,561 62	.....
Board expense.....	2,500 00	94 94	704 64	799 58	1,700 42
Comptroller's office.....	3,270 00	559 49	639 87	1,199 36	2,070 64
Furniture and fixtures.....	5,000 00	228 78	679 36	908 14	4,091 86
Heat and light.....	40,000 00	6,856 80	11,874 58	18,731 38	21,268 62
High school visitor.....	2,900 00	303 17	1,273 63	1,576 80	1,323 20
Lectures.....	5,000 00	.....	175 00	175 00	4,825 00
President's office.....	2,000 00	315 50	402 80	718 30	1,281 70
Printing and postage.....	12,000 00	688 41	2,258 19	2,946 60	9,053 40
Registrar's office.....	4,220 00	1,417 39	696 97	2,114 36	2,105 64
Salaries for instruction.....	415,000 00	88,752 57	108,663 14	197,415 71	217,584 29
Salaries for services.....	97,000 00	21,808 88	24,825 74	46,634 62	50,365 38
Summer session, 1912.....	14,027 91	13,537 83	154 35	13,692 18	335 73
Unassigned.....	1,520 47	.....	.....	.....	1,520 47
Totals, operating exp.....	\$1,500,000 00	\$680,125 38	\$152,348 27	\$832,473 65	\$317,526 35
Pavements and walks.....	\$ 8,000 00	\$ 3,913 21	\$ 2,840 07	\$ 6,753 28	\$ 1,246 72
Pharmacy, School of.....	20,000 00	12,913 33	5,349 99	18,263 32	1,736 68
Sheep building.....	2,000 00	1,992 44	4 95	1,997 39	2 61
Shop practice.....	12,000 00	9,216 97	1,713 39	10,930 36	1,069 64
Social and political science....	50,000 00	25,636 51	6,324 67	31,961 18	18,038 82
Soil investigation.....	130,000 00	85,212 80	22,457 01	107,669 81	22,330 19
Soil maps.....	50,000 00	11,253 32	5,803 33	17,056 65	32,943 35
Stock investigation.....	50,000 00	30,702 05	11,236 45	41,938 50	8,061 50
Telephone exchange.....	3,000 00	1,790 01	100 03	1,890 04	1,109 96
University (Lincoln) hall.....	250,000 00	249,397 85	151 35	249,549 20	450 80
Veterinary college and residence laboratory.....	30,000 00	25,965 41	43 34	26,008 75	3,991 25
Water investigation.....	30,000 00	15,156 73	4,372 71	19,529 44	10,470 56



EXPENDITURES—*Concluded.*

	Appropriation.	Expenditures before reported.	Expenditures this quarter.	Total expended.	Balance.
Water station.....	\$ 4,000 00	\$ 3,582 16	\$ 417 84	\$ 4,000 00	.....
Water survey.....	15,000 00	7,577 32	1,519 98	9,097 30	\$ 5,902 70
Women's building addition....	125,000 00	57,606 89	24,972 34	82,579 23	42,420 77
Total State appropriations	\$3,734,919 78	\$2,102,073 50	\$522,340 51	\$2,624,414 01	\$1,110,505 77

## UNITED STATES APPROPRIATIONS.

	Appropriation.	Expenditures before reported.	Expenditures this quarter.	Total expended.	Balance.
Adams fund.....	\$15,000 00	\$2,584 89	\$ 3,474 35	\$6,059 24	\$8,940 76
Adams fund receipts.....	314 51	.....	.....	.....	314 51
Hatch fund.....	15,000 00	1,844 78	3,552 69	5,397 47	9,602 53
Hatch fund receipts.....	67 21	3 84	.....	3 84	63 37
Morrill fund—					
Agricultural college.....	12,500 00	.....	6,250 00	6,250 00	6,250 00
General.....	12,500 00	2,341 63	7,524 87	9,866 50	2,633 50
Totals, Morrill.....	\$25,000 00	\$2,341 63	\$13,774 87	\$16,116 50	\$8,883 50
Nelson fund—					
Agricultural college.....	\$12,500 00	.....	\$6,250 00	\$6,250 00	\$ 6,250 00
General.....	12,500 00	.....	.....	.....	12,500 00
Totals, Nelson.....	\$25,000 00	.....	\$6,250 00	\$6,250 00	\$18,750 00
Totals, United States appropriation.....	\$80,381 72	\$6,775 14	\$27,051 91	\$33,827 05	\$46,554 67
Grand totals.....	\$4,069,773 90	\$2,166,498 30	\$603,941 79	\$2,770,440 09	\$1,299,333 81

## CASH SUMMARY.

Balance, September 30, 1912.....		\$639,010 72	.....
Receipts for the quarter—			
Chief clerk.....	\$28,836 86		
Treasurer (not including remittances of the chief clerk).....	9,544 84	38,381 70	
Expenditures for the quarter.....			\$603,941 79
Balance, December 31, 1912—			
Chief clerk.....	\$19,100 41		
Treasurer (allowing for outstanding warrants).....	54,350 22		} 73,450 63
		\$677,392 42	\$677,392 42

## REPORT OF DAIRY MANUFACTURES, NOVEMBER, 1912. .

The Secretary presented a report from the department of dairy husbandry in regard to the financial transactions involved in the work in dairy manufactures for the month of November, 1912; this report being submitted in compliance with the request made by vote of the board at the meeting of December 19, 1912 (p. 149).

On motion of Mr. Moore, it was voted that Part One of this report, containing the summary, should be printed in the minutes, and that copies of the entire report should be transmitted to all the members of the board.

## REPORT OF DAIRY MANUFACTURES, NOVEMBER, 1912.

## PART I—SUMMARY.

*Dairy Manufactures' Income.*

Article.	Cash sales.	Sales on account.	Patrons' Cr.	Total.
Butter .....	\$921 45	\$1,241 93	\$119 33	\$2,282 71
Buttermilk .....	15 29	5 64		20 93
Skim milk .....	10	10 10		10 20
Cream .....	35	2 92		3 27
Cheese .....	4 55	85		5 40
Miscellaneous .....	2 00	10		2 10
Total .....	\$943 74	\$1,261 54	\$119 33	\$2,324 61
Total income from sales .....				\$2,324 61
Value of stock on hand November 30, 1912.....				94 18
Total .....				\$2,230 43
Less value of stock on hand October 31, 1912.....				95 04
Total income for November, 1912.....				\$2,135 39

*Dairy Purchases.*

Article.	Amount purchased.	Paid patrons by dairy products.	Vouchers issued.
Butter fat .....	\$1,639 16	\$109 17	\$1,529 99
Butter .....	92 29		92 29
Totals .....	\$1,731 45	\$109 17	\$1,622 28
Purchases from dairy patrons of butter fat.....			\$1,639 16
Purchases from University dairy and 20 acres, butter fat.....			97 30
Purchases contest butter .....			92 29
Total purchases for November, 1912.....			\$1,828 75

*Summary.*

Cash sales and sales on account November, 1912.....	\$2,324 61
Less purchases for November, 1912.....	1,828 75
Gross income for November, 1912 .....	\$495 86

*Cash Statement.*

Cash received for sales November, 1912.....	\$ 943 74
Cash received on account November, 1912.....	1,293 71
Total cash received and deposited in business office.....	\$2,237 45

*Accounts Receivable.*

Due on ledger October 31, 1912.....	\$2,118 80
Sales on account November, 1912.....	1,380 87
Total charges on ledger.....	\$3,499 67
Less cash on account and paid patrons by butter.....	1,402 88
Total due on ledger November 30, 1912.....	\$2,086 77
NOTE.—It will be noted that the amount received from cash sales and sales on account, \$2,324.61, exceeded the amount paid out for milk and cream, \$1,828.75, by \$495.86. See "Summary" above.	
Pounds butter left over from October.....	264
Pounds butter made during November.....	5,717
Pounds contest butter made into prints.....	254
Total butter to sell.....	6,235
Pounds butter sold during November, 1912.....	5,958
Pounds butter on hand November 30, 1912.....	277
Pounds contest butter received and sold in tubs.....	278
Refrigerator count of butter November 30, 1912.....	277

### NEW LABORATORY FEES IN ENTOMOLOGY.

The secretary presented a recommendation from the Council of Administration, passed by that body on January 14, 1913, for the approval of the following new laboratory fees in entomology:

Entomology 8.....	\$1 50
Entomology 9.....	1 50
Entomology 13.....	1 50
Entomology 14.....	1 50

On motion of Mr. Hatch, this recommendation of the council was approved.

### REPORT OF EXECUTIVE COMMITTEE MEETING, JANUARY 10, 1913.

The secretary presented for record a report of the meeting of the Executive Committee held on January 10, 1913:

January 11, 1913.

*Mr. C. M. McConnell, Secretary, University of Illinois, Urbana, Ill.*

DEAR SIR: The Executive Committee and Mr. Zimmerman held a meeting at noon of January 10 in the office of the State Architect.

Present: W. C. Zimmerman, Fred L. Hatch and W. L. Abbott.

#### CONTRACT FOR STOCK JUDGING PAVILION.

The bids for the Stock Judging Pavilion, which were opened by the board on January 7, were considered together with the instructions of the board to the Executive Committee for the awarding of the contract [p. 159], and it was unanimously decided to award the contract for the building to English Brothers, of Champaign, on their proposal to complete the building in eight months for \$89,500, including in the contract an option to omit certain parts of the work as mentioned in paragraph "E" of the architect's specifications, in which event a deduction of \$10,000 from the contract price would be made.

The State Architect was directed to prepare a contract on the above basis.

The committee adjourned.

Respectfully submitted,

W. L. ABBOTT, *Chairman.*

#### NEW PLANS FOR STOCK JUDGING PAVILION.

In this connection Professor White, Mr. Zimmerman, and Professor Mumford were heard in regard to the desirability of a re-study of the problem involved in the Stock Judging Pavilion.

On motion of Mr. Moore, it was voted to reconsider the action taken by the board at its meeting of October 8, 1912 (p. 129), approving the detailed plans for the Stock Judging Pavilion as presented at that time.

On recommendation of Professor James M. White, Supervising Architect, and on motion of Mr. Moore, it was voted that the plans for the Stock Judging Pavilion be referred back to the State Architect with instructions to re-study the problem in consultation with the representatives of the College of Agriculture, and to submit further plans.

Mr. Meeker moved that the action of the Executive Committee and the State Architect on January 10, 1913 (see above), in awarding the contract for the Stock Judging Pavilion to English Brothers, under the circumstances, be approved. This motion was passed, the vote being as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Evans, Mr. Grout, Mr. Hatch, Mr. Hoyt, Mr. Meeker, Mr. Montgomery, Mr. Moore; noes, Mrs. Bahrenburg; absent, Mrs. Busey, Mr. Deneen.

At this point Mr. Meeker withdrew.

It was voted to refer the question of the legal status of the contract with English Brothers for the Stock Judging Pavilion to the Counsel of the University for report.

#### METHOD OF PAYMENT FOR DAIRY MATERIALS.

President Abbott presented the following communication from Professor George E. Frazer, Comptroller, with reference to the method of making payment for milk and cream used in the work in dairy manufactures:

January 23, 1913.

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

DEAR SIR: At the meeting of the Board of Trustees on January 7, 1913 [p. 159], a recommendation made by the chairman of the Finance Committee was approved providing that "the one in charge of dairy manufactures furnish a suitable bond and be empowered to deposit the necessary receipts from that department in a local bank and draw voucher checks over his signature for the purpose of paying farmers for dairy products delivered to our creamery."

As an administrative officer of the board, I am desirous of carrying out the will of the board in every respect. But after conferring with members of the Dairy Husbandry Department and members of the staff of the business office, it is my opinion that payments can be expeditiously made for dairy products without the creation of a separate cash fund in the hands of a member of the Dairy Husbandry Department. I have examined the bond of Mr. Oren E. Staples, Chief Clerk, and am of the opinion that there will be no objection to the drawing of checks for the purpose of paying for dairy products against the deposit made in his name at the First National Bank of Champaign. I respectfully recommend, therefore, that the chief clerk be authorized by the board to draw checks against his deposit as chief clerk, in payment of bills not exceeding \$50 certified to him for payment by the Dairy Husbandry Department, providing that the checks of the chief clerk shall be countersigned by the comptroller, and providing that the chief clerk shall be reimbursed for the amount of such checks in the same way that he is now reimbursed for petty cash payments.

My recommendation in this particular involves no departure from the present business procedure other than that of authorizing the chief clerk, under the direction of the comptroller, to pay out sums not exceeding \$50 by check as well as by cash.

I recommend, therefore, that the action taken by the board at its meeting on January 7, in regard to the method of payments on dairy materials, be reconsidered and that the plan I have herein suggested be adopted.

Very truly yours,

GEO. E. FRAZER,

*Professor of Public Accounting, University Comptroller.*

It was voted to reconsider the action on this subject taken by the board at its meeting of January 7, 1913, (p. 159), and to approve the recommendation of the Comptroller as outlined in the foregoing letter. The vote was as follows: Ayes, Mr. Abbott, Mrs. Bahrenburg, Mr. Blair, Mrs. Evans, Mr. Grout, Mr. Hatch, Mr. Hoit, Mrs. Montgomery, Mr. Moore; noes, none; absent, Mrs. Busey, Mr. Deneen, Mr. Meeker.

The board adjourned.

W. L. ABBOTT, *President.*

C. M. McCONN, *Secretary.*

## Meeting of February 12, 1913.

---

A special meeting of the Board of Trustees of the University of Illinois was held at the University, in Urbana, at 2:30 p.m., on Wednesday, February 12, 1913, pursuant to the following notice which was sent out by the secretary on February 5, 1913:

Upon the call of the President, Mr. W. L. Abbott, a special meeting of the Board of Trustees of the University of Illinois will be held in the trustees' room at the University, in Urbana, at 2:30 p.m., on Wednesday, February 12, 1913, 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, Mrs. Bahrenburg, Governor Dunne, Mrs. Evans, Mr. Grout, Mr. Hatch, Mr. Hoit, Mr. Montgomery. There were present, also: Mrs. Ellen M. Henrotin and Mr. John R. Trevett, members-elect of the Board of Trustees; Dr. D. A. K. Steele, Dr. Charles Davison, and Dr. E. L. Heintz, of the College of Physicians and Surgeons of Chicago; Dean O. A. Harker, Legal Counsel of the University, and President James.

### ACCEPTANCE OF THE PROPERTY OF THE COLLEGE OF PHYSICIANS AND SURGEONS; AUTHORIZATION FOR RE-OPENING OF THE MEDICAL SCHOOL.

President James presented the following statement with respect to the status of the question whether the University should reopen its Medical School:

The most important and urgent matter to be presented at this meeting is the question whether the University will reopen its Medical School.

The people of Illinois owe a deep debt of gratitude to Governor John P. Altgeld for the keen interest which he took as Governor in the improvement of public education of all grades.

He was especially interested in the University of Illinois. He was the first Governor of the State to insist that this institution, which had started as a mere college of agriculture, should be developed into a comprehensive State University, serving the needs of the commonwealth in as complete and thorough a way as had been done for many years previous by such universities as Indiana, Michigan, Wisconsin, Minnesota, Iowa and Missouri. He urged upon the trustees and upon the Legislature the necessity of enlarging the scope of the University work to such an extent as to make the University of Illinois fairly comparable with other modern institutions of the same class. In pursuance of this object he urged the trustees to establish a law school, and the outcome was the present University Law School, which has become well established and is doing a useful public service. He moved, in his capacity as member of the Board of Trustees, that the Chicago College of Pharmacy should be taken over by the State and made a State school of pharmacy under the control of the Trustees of the University. The result is the School of Pharmacy of the University of Illinois, a well established and successful department of the institution.

He urged further very strongly that the University should establish and develop medical instruction, to be on a full par with the instruction in agriculture, engineering, etc., offered by the University. It was at a meeting held in Springfield during his administration and upon his initiative that the trustees approved the introduction of a bill providing for the acquisition of the College of Physicians and Surgeons in Chicago.

Owing to various circumstances which need not be described here, the school was affiliated instead of being acquired by the University.

As a result of this action, taken in the spring of 1897, the University of Illinois conducted a Medical School in affiliation with the College of Physicians and Surgeons from the 1st of October, 1897, and a Dental School in affiliation with the same institution from October, 1901, until August 31, 1910.

During this period of affiliation the University trustees requested the Legislature, at the session in January, 1907, to make an appropriation to the Trustees of the University so that they could acquire a plant by purchase or by construction for the conduct of the Medical School. By an overwhelming majority in both houses, an appropriation was made, amounting to three hundred and eighty-six

thousand dollars (\$386,000), for the purpose. This appropriation was vetoed by the Governor, along with other appropriations, on the ground that the Legislature had exceeded the sums available for appropriation.

On September 1, 1910, the University assumed full responsibility for the Medical and Dental schools, hiring the plant of the College of Physicians and Surgeons at a specified rental for the term of one year with an option for two years longer. At the session of the Legislature beginning in January, 1911, the University requested one hundred thousand dollars (\$100,000) per annum for the support of the Medical School. The Legislature granted the sum of sixty thousand dollars (\$60,000) per annum. Through a technical ruling, however, of the Supreme Court of the State that the constitutional forms had not been strictly observed in the passage of the bill by the Legislature, the University lost the appropriation and could not avail itself of the option offered for a second year's lease.

The College of Physicians and Surgeons thereupon gave notice that it would no longer lease its property to the University, and announced that it would reopen a medical school in its own plant as soon as it gained possession of it.

The University, having no money with which to purchase or construct its own plant and no money with which to lease a plant, was compelled to close the Medical and Dental schools. This was done on June 30, 1912, and the College of Physicians and Surgeons opened a Medical School on the 1st day of July following, admitting to the school the students who were enrolled at that time in the University School of Medicine.

This action caused great consternation among the alumni of the University Medical School, and was viewed with much disfavor by many people who were interested in the progress of medical education and research.

A committee waited upon the Board of Trustees to ask whether if the alumni and other friends of medical education in Chicago would secure the capital stock of the College of Physicians and Surgeons and present the same to the Trustees of the University of Illinois, the University would accept the property and reopen its Medical School.

The Executive Committee, at its session of August 23, 1912, [p. 99], expressed its deep interest in this proposition, and after it was made evident that the alumni were really in earnest with their proposed plan, the Trustees of the University, on September 19, 1912, voted as follows:

"That the Board of Trustees will accept the property of the College of Physicians and Surgeons, provided that all the stock has been secured and donated to the University on or before February 1, 1913." [P. 118.]

Relying upon this action, the alumni appointed a committee, and, associating with them others who were interested in the progress of medical education in the State, made a determined effort to secure the donation of the stock of the corporation, and, so far as the owners would not donate it, to raise money enough by private subscription to purchase said stock.

On January 31, 1913, Dr. D. A. K. Steele, acting for the Alumni Committee, informed the Board of Trustees of the University of Illinois that his committee had secured all the stock of the corporation of the College of Physicians and Surgeons, and was ready to turn it over to the Board of Trustees of the University, thereby complying in full with the only provision required by the Board of Trustees as a condition of their accepting the property.

The director of the corporation of the College of Physicians and Surgeons have been authorized by the stockholders to deed the entire property of the corporation, both real and personal, to the Trustees of the University of Illinois, subject to the mortgage and bonded indebtedness upon said property. This mortgage indebtedness at present consists of the following obligations:

I. (a) Due Chicago Board of Education, July 1, 1913.....	\$ 10,000 00
(b) Due Chicago Board of Education, July 1, 1914.....	10,000 00
(c) Due Chicago Board of Education, July 1, 1916.....	56,000 00
Interest on all these obligations at 5½ per cent per annum.	
II. Bonds secured by mortgage on the new Medical Building, due 1925, bearing 6 per cent interest.....	109,000 00
III. Bonds secured by mortgage on the old Medical College Building, due July, 1932, bearing 6 per cent interest.....	60,000 00
<b>Total</b> .....	<b>\$245,000 00</b>

The Board of Directors of the College of Physicians and Surgeons adopted, for the present academic year ending June 30, 1913, a budget with an estimated income of .....

Estimated expense of operating Medical School.....

Leaving a surplus of .....

From this surplus the interests on obligations, etc., had to be met.

From a statement submitted by the President of the College of Physicians and Surgeons, under date of February 11, 1913, it appears that up to that date the sum of.....

had been collected. There was still due on fees from students the sum of .....

If this latter sum should all be collected, the total income of the year would be .....

or an excess of \$5,535.94 above the estimated income. It is not probable, however, that all the fees due from students will be collected, and the deficit in the collection of these would represent a corresponding diminution in the total income of the year. The expenses have not thus far outrun the estimate of the budget. The floating indebtedness of the institution has been entirely paid off, and the cash balance in the treasury to be turned over to the credit of the University Medical Department is .....

10,751 11

If the Board of Trustees desire at this meeting to accept the property now tendered by the College of Physicians and Surgeons in accordance with the vote of the board of September 19, 1912, it would seem proper to adopt the following resolutions:

1. That the Board of Trustees hereby accept the gift of the real and personal property of the College of Physicians and Surgeons in the city of Chicago, subject to the mortgage and bonded indebtedness of two hundred forty-five thousand dollars (\$245,000), disclaiming, however, all responsibility for the assumption or payment of this indebtedness.

2. That the University accept from the College of Physicians and Surgeons the cash now in their possession, amounting to ten thousand seven hundred fifty-one dollars and eleven cents (\$10,751.11) more or less, and the notes and obligations, etc., which may be due the College of Physicians and Surgeons from students or others, and hereby authorize the treasurer of the University to accept such gift.

3. That the President of the University be authorized to re-open the Medical School of the University in the plant thus presented to the Trustees of the University of Illinois.

4. That the President of the University be authorized to retain the present faculty and employees as appointed by the College of Physicians and Surgeons until June 30, 1913.

5. That the President of the University be further authorized to admit the students now in the Medical School of the College of Physicians and Surgeons to the corresponding classes in the Medical School of the University of Illinois, all to be done as soon as may be convenient and practicable.

6. That the President of the University be authorized to conduct the Medical School of the University until June 30, 1913, on the basis of the budget adopted by the Board of Directors of the College of Physicians and Surgeons for the present academic year as indicated above.

On motion of Mr. Hatch, it was voted to adopt the resolutions, numbered one to six, suggested in the foregoing statement by the President of the University. The vote\* was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mr. Grout, Mr. Hatch, Mr. Hoit; noes, none; present, but not voting, Mrs. Bahrenburg, Mr. Dunne, Mr. Montgomery; absent, Mr. Blair, Mrs. Busey, Mr. Meeker, Mr. Moore.

#### RECESS TAKEN TILL 6:30 P.M.

A recess was then taken till 6:30 p.m., at the Beardsley Hotel, in Champaign, in order that the members of the Board of Trustees might attend the exercises in connection with the dedication of Lincoln Hall.

W. L. ABBOTT, *President*.

C. M. McCONN, *Secretary*.

\* President James has received the following letter relating to this matter from Mr. Arthur Meeker, a member of the board who could not be present at this meeting:

CHICAGO, February 15, 1913.

Edmund J. James, Esq., *President University of Illinois, Urbana, Illinois:*

DEAR DOCTOR JAMES—I beg to inform you that I endorse heartily the action of the Board of Trustees of the University of Illinois on February 12, 1913, in accepting the property, real and personal, of the College of Physicians and Surgeons in the city of Chicago.

Yours very truly,

ARTHUR MEEKER.

Letters of similar purport have been received also by President James from Hon. Francis G. Blair, State Superintendent of Public Instruction, *ex-officio* a member of the board, and from Mr. Allen F. Moore, neither of whom could be present at this meeting but both of whom were present at the meeting of the board held on September 19, 1912, at which the vote in regard to the acceptance of the property of the College of Physicians and Surgeons referred to in the president's statement was taken.

#### EVENING SESSION, FEBRUARY 12, 1913.

When the board convened at the Beardsley Hotel, in Champaign, on the evening of Wednesday, February 12, 1913, the following members were present: Mr. Abbott, Mrs. Bahrenburg, Mrs. Evans, Mr. Grout, Mr. Hatch, Mr. Hoit, Mr. Montgomery. There were present, also: Mrs. Ellen M. Henrotin, member-elect of the Board of Trustees; Dr. David Kinley, Dean of the Graduate School; Dean O. A. Harker, Legal Counsel of the University, and, during a part of the evening, Mr. H. D. Oberdorfer, Assistant to the Supervising Architect.

**MATTERS PRESENTED FOR THE PRESIDENT OF THE UNIVERSITY.**

Dean Kinley, acting for President James, presented the following matters for consideration:

**RESIGNATION OF PROFESSOR GREENE AS DEAN OF THE COLLEGE OF LITERATURE AND ARTS.**

(1) A letter from Professor Evarts B. Greene, asking that he be permitted to resign his position as Dean of the College of Literature and Arts, this resignation to be effective February 1, 1913, owing to his desire to devote more time to his teaching and scientific work.

**APPOINTMENT OF PROFESSOR DANIELS AS ACTING DEAN CONTINUED.**

(2) A recommendation that Professor A. H. Daniels be continued as Acting Dean of the College of Literature and Arts until further notice.

On motion of Mrs. Bahrenburg, it was voted to accept the resignation of Professor Greene as Dean of the College of Literature and Arts, and to continue the appointment of Professor Daniels as Acting Dean until further notice.

**ACCEPTANCE OF TRANSPORTATION BUILDING.**

(3) The following letter from Dr. W. F. M. Goss, Dean of the College of Engineering, reporting the formal acceptance of the Transportation Building from Messrs. V. Jobst & Sons, the contractors.

This letter was received for record:

URBANA, ILL., January 2, 1913.

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

DEAR SIR: I beg to report for your information that under date of December 31, 1912, I approved a recommendation from the supervising architect to the effect that the Transportation Building be formally accepted from V. Jobst & Sons, the contractors. This action on my part is in accordance with an action of the Board of Trustees taken September 19, 1912 [p. 120], providing for the settlement of this contract "on the receipt of certificates from the supervising architect, the State Architect, and the Dean of the College of Engineering that the contract has been satisfactorily completed."

Respectfully submitted,  
W. F. M. Goss.

**GIFT OF AN AUTOMATIC CONTROLLER FOR ELECTRIC MOTORS.**

(4) A letter from Dr. W. F. M. Goss, Dean of the College of Engineering, reporting a gift to the University from the Electrical Controller and Manufacturing Company of Cleveland, Ohio, through Mr. C. A. Pirtle, Vice-President and Sales Manager, of an elaborate set of apparatus designed to control automatically the rheostat action in field and armature circuits of an electric motor, in the place of manual control, which hitherto has required skillful manipulation.

It was voted to accept this gift, and to authorize the President of the University to extend the thanks of the Board of Trustees to Mr. Pirtle and to the Electric Controller and Manufacturing Company.

**LEAVE OF ABSENCE FOR PROFESSOR CARNAHAN.**

(5) A request, approved by Acting Dean Daniels of the College of Literature and Arts, from Dr. D. H. Carnahan, Associate Professor of Romance Languages, for a year's leave of absence, on half salary, beginning September 1, 1913, and ending August 31, 1914, for the purpose of study in Europe.

On motion of Mrs. Evans, it was voted that the President of the University be authorized to grant such leave of absence to Professor Carnahan, if suitable arrangements can be made for his work in his absence.

**PLAN FOR PROVIDING SWIMMING TRUNKS IN THE MEN'S GYMNASIUM.**

(6) A request from Mr. George Huff, Director of Physical Training for Men, that he be permitted to furnish swimming trunks to be used by every one using the swimming pool in the gymnasium, and to have these trunks laundered; the whole matter to be taken care of exactly as the clean towel system is now managed [p. 67], and without additional expense to the students.

On motion of Mr. Hatch, this request was granted.



#### APPOINTMENT OF AN INSTRUCTOR IN ROMANCE LANGUAGES.

(7) A recommendation that the President of the University be authorized to appoint Mr. Benjamin M. Woodbridge to be instructor in romance languages for the academic year beginning September 1, 1913, at a salary of twelve hundred dollars (\$1,200) for the year.

On motion of Mrs. Bahrenburg, this recommendation was approved, the vote being as follows: Ayes, Mr. Abbott, Mrs. Bahrenburg, Mrs. Evans, Mr. Grout, Mr. Hatch, Mr. Hoit, Mr. Montgomery; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker, Mr. Moore.

#### APPOINTMENT OF AN INSTRUCTOR IN PHOTOGRAPHY.

(8) A recommendation that the President of the University be authorized to appoint Mr. Arthur G. Eldredge to be instructor in photography and head of the Photographic Laboratory, at a salary not to exceed twenty-five hundred dollars (\$2,500) per annum.

On motion of Mr. Hatch, this recommendation was approved, the vote being as follows: Ayes, Mr. Abbott, Mrs. Bahrenburg, Mrs. Evans, Mr. Grout, Mr. Hatch, Mr. Hoit, Mr. Montgomery; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker, Mr. Moore.

#### REQUEST FROM THE ILLINOIS STATE PHARMACEUTICAL ASSOCIATION FOR A SCHOOL OF PHARMACY BUILDING.

(9) A request from the Illinois State Pharmaceutical Association that the Board of Trustees include in their legislative askings for the coming biennium a request for two hundred thousand dollars for the purchase of a site and the erection and equipment of buildings in the city of Chicago for the School of Pharmacy.

This communication was received to be printed in the minutes:

CHICAGO, November 21, 1912.

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

DEAR PRESIDENT JAMES: At the semi-annual meeting of the officers and Executive Committee of the Illinois Pharmaceutical Association held in Chicago yesterday the following resolution was adopted:

The Illinois Pharmaceutical Association respectfully petitions the Trustees of the University of Illinois to include in their legislative askings at the coming session of the Legislature the sum of \$200,000 to purchase a site in Chicago and erect and equip a building for the School of Pharmacy.

The Illinois Pharmaceutical Association at two annual conventions has adopted resolutions asking that such an appropriation be granted. The association desires to call respectful attention to the desirability of a permanent home for the school, where suitable equipment could be provided without the need of considering questions of removal, etc. We also ask that the advantage to druggists generally in housing and providing for a pharmaceutical library, based on the nucleus now offered by the library of the school, be considered.

Suitable sites for the purpose are becoming more difficult to locate and increasing in cost each year. We deem this a favorable time to ask for this appropriation, and we pledge our earnest efforts to aid in securing it.

The association appointed a committee and authorized the expenditure of a sum not to exceed \$250 by this committee in enlisting the support of the druggists throughout the State for this measure.

Very respectfully,

W. B. DAY, *Secretary.*

#### REPORT ON SUIT AGAINST WALSH ESTATE.

(10) The following report from Dean O. A. Harker, Legal Counsel of the University, in regard to the suit of the Board of Trustees against the estate of John R. Walsh.

This report was received to be printed in the minutes:

#### REPORT OF LEGAL COUNSEL.

*In re the Board of Trustees of the University of Illinois v. the Estate of John R. Walsh.*

*To President James and the Board of Trustees of the University of Illinois:*

As legal counsel I beg leave to report that suit was brought against the defendant estate in the Probate Court of Cook County at its August term, 1912.

The cause was called for trial, and trial begun on the 31st day of December. Owing to the large number of vouchers, bills, and receipts upon which the Board of Trustees based their right of action against John R. Walsh as a guarantor of the lease executed by the Board of Trustees to Dr. Baldwin, and which were offered in evidence, further hearing was deferred until an opportunity should be

given attorneys for the estate and attorneys representing creditors of the estate to make an examination of the same. The cause was continued until the 24th of January, 1913, at which time it was again taken up. The result of the trial was a judgment in favor of the claimant for \$11,372.16. The judgment covered all of our claim except a few items which were rightfully rejected. In addition to that the court allowed interest since the termination of the lease.

I have no definite information as to when the administration of the John R. Walsh estate will be concluded, and am unable to give any advice at this time as to the probable amount of the judgment that will be paid.

Respectfully submitted,

O. A. HARKER, *Legal Counsel.*

Urbana, Ill., February 6, 1913.

#### REQUEST FROM THE ALUMNI ASSOCIATION OF THE COLLEGE OF DENTISTRY FOR THE REOPENING OF THE COLLEGE OF DENTISTRY.

(11) A request from the Alumni Association of the College of Dentistry that the University reopen its College of Dentistry, which was closed on June 30, 1912.

This communication was received to be printed in the minutes:

*To the President and Board of Trustees, University of Illinois.*

GENTLEMEN: The closing of the Dental Department of the University of Illinois has been a great loss to dental education in Chicago and throughout the whole country. This is indeed deplorable at a time when both the physician and the dentist are insisting on a more comprehensive training for the practice of dentistry. The most discussed question in the medical world today is the influence of diseased conditions of the mouth upon the general physical economy.

The leaders in dental education are today agitating the question of enlarging the dental curriculum; of giving the dental student a broader and better preparation that he may meet the new demands being made by the medical world and society generally.

Dentistry is now recognized as one of the largest elements in preventive medicine. The people need the highest type of dentistry as they need the highest type of general surgery and general medicine.

The State has no greater responsibility than the education of the men who are to look after the health of her citizens. There is a definite causal relationship between health and morals. The University of Illinois can do no greater work than to prepare men to keep the people well.

We are requesting that you take steps to reorganize the Department of Dentistry. In this you will have the hearty support of the leading dental college in Chicago, and over 90 per cent of the dentists of Illinois. Any opposition will come only from those who are engaged in a type of educational work, purely commercial in purpose, which will be hurt by a high class school.

We have every reason to believe that the Legislature, now in session, will grant the request of your body for a small appropriation for the purpose.

We the undersigned, members of the Alumni Association, stand pledged to do all in our power to bring about the reopening of the Dental College, and will gladly undertake any task you may see fit to assign.

We believe our request will appear to both as a pleasure and a duty.

*[Signed by one hundred twenty-five of the alumni of the College of Dentistry.]*

#### DOCTOR'S BILL OF WALTER JONES PAID.

President Abbott presented a letter from Mr. H. D. Oberdorfer, Assistant to the Supervising Architect, reporting the case of Mr. Walter Jones, a student working for the Superintendent of Buildings, who, on December 29, 1912, had three of his fingers cut off in the cogs of one of the deep well pumps, and who is asking that the University pay his doctor's bill, amounting to thirty dollars (\$30).

On motion of Mr. Montgomery, this bill was allowed, the vote being as follows: Ayes, Mr. Abbott, Mrs. Evans, Mr. Grout, Mr. Hatch, Mr. Hoit, Mr. Montgomery; noes, none; present but not voting, Mrs. Bahrenburg; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker, Mr. Moore.

#### RESIGNATIONS OF THE BOARD OF DIRECTORS OF THE COLLEGE OF PHYSICIANS AND SURGEONS.

President Abbott presented the resignations of all the members of the Board of Directors of the College of Physicians and Surgeons placed in his hands, to be accepted by the Board of Trustees at such time as shall seem best to the board.

These resignations were placed in the custody of Dean O. A. Harker, Legal Counsel of the University, who was present.

**REPORT OF PROGRESS ON BUILDINGS.**

Mr. H. B. Oberdorfer, Assistant to the Supervising Architect, made an informal report of progress on the new plans for the Stock Judging Pavilion, and also a report of the progress of the work on the new Armory.

**MINUTES APPROVED.**

The secretary presented the minutes of the meeting of January 25, 1913, which, on motion of Mrs. Evans, were approved.

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

The secretary presented the following report of appointments made by President James to fill vacancies in positions authorized by the Board of Trustees:

Back, Robert, Research Assistant in Ceramics, for five months beginning February 1, 1913, at a salary of seventy-five dollars (\$75) a month. (February 4, 1913.)\*

Brown, James F., Assistant in Military Science, for five months beginning February 1, 1913, at a salary of twenty dollars (\$20) a month, vice H. C. Thompson, declined. (February 3, 1913.)

Chittenden, Alfred K., Lecturer on Timber and Timber Resources in the College of Engineering, and Assistant to the Director of the Engineering Experiment Station, for one year beginning February 1, 1913, at a salary of twenty-seven hundred fifty dollars (\$2,750) for the year. (January 28, 1913.)

Davis, Lloyd H., Graduate Assistant in Bacteriology, for five months beginning February 1, 1913, at a salary of thirty dollars (\$30) a month. (February 8, 1913.)

Domonoske, Arthur Boquer, Instructor in Machine Design, for five months beginning as soon as he reports for service, at a salary of one hundred forty dollars (\$140) a month. (January 29, 1913.)

Fairhall, L. T., Special Laboratory Assistant in the State Water Survey, on half time, from January 27, 1913, to June 15, 1913, at a salary of thirty dollars (\$30) a month. (January 29, 1913.)

Hill, Frank E., (formerly Assistant in English on half time), Assistant in English on full time, for five months beginning February 1, 1913, at a salary of eighty dollars (\$80) a month, vice P. J. Batkin, resigned. (February 6, 1913.)

Wing, Alice L., Temporary Catalog Assistant in the Library, for three months beginning February 15, 1913, or as soon thereafter as she reports for service, at a salary of seventy-five dollars (\$75) a month. (February 8, 1913.)

Woodbridge, Benjamin M., Instructor in Romance Languages, for ten months beginning September 1, 1913, at a salary of one hundred twenty dollars (\$120) a month. (February 6, 1913.)

**AVERAGE AGES OF STUDENTS OF THE COLLEGE OF ENGINEERING.**

The secretary presented, by request of President James, the following table compiled by Assistant Dean Miller, of the College of Engineering, showing the average ages of the several classes in the College of Engineering in September, 1911, and in September, 1912.

This table was received to be printed in the minutes:

**AVERAGE AGES OF STUDENTS OF THE COLLEGE OF ENGINEERING.***Freshmen Entering September, 1911.*

	Age	24+	23+	22+	21+	20+	19+	18+	17+	16+	15+	Average age.
No. of Men...	2	5	15	47	72	112	75	32	6	1	19 yrs., 8 mos.	

*Sophomores Entering September, 1911.*

	Age	25+	24+	23+	22+	21+	20+	19+	18+	17+	16+	
No. of Men...	5	9	20	29	52	85	75	29	5	..	20 yrs., 8 mos.	

*Juniors Entering September, 1911.*

	Age	26+	25+	24+	23+	22+	21+	20+	19+	18+	17+	
No. of Men...	5	6	15	18	56	71	60	33	5	..	21 yrs., 7 mos.	

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

*Seniors Entering September, 1911.*

											Average age.
Age .....	27+	26+	25+	24+	23+	22+	21+	20+	19+	18+	
No. of Men...	3	13	14	15	42	45	47	18	2	..	22 yrs., 10 mos.

*Freshmen Entering September, 1912.*

Age .....	24+	23+	22+	21+	20+	19+	18+	17+	16+	15+	
No. of Men...	3	8	18	33	73	83	83	13	2	..	19 yrs., 6 mos.

*Sophomores Entering September, 1912.*

Age .....	25+	24+	23+	22+	21+	20+	19+	18+	17+	16+	
No. of Men...	2	6	7	31	55	78	59	27	4	..	20 yrs., 2 mos.

*Juniors Entering September, 1912.*

Age .....	26+	25+	24+	23+	22+	21+	20+	19+	18+	17+	
No. of Men...	1	8	23	32	50	83	58	25	2	..	21 yrs., 9 mos.

*Seniors Entering September, 1912.*

Age .....	27+	26+	25+	24+	23+	22+	21+	20+	19+	18+	
No. of Men...	5	5	8	20	35	42	45	24	2	..	23 yrs., 6 mos.

**MINUTES OF EXECUTIVE COMMITTEE MEETING, FEBRUARY 1, 1913.**

The secretary presented the minutes of a meeting of the Executive Committee held at the University Club in Chicago, on February 1, 1913, which were received for record.

February 4, 1913.

*Mr. C. M. McConn, Secretary, University of Illinois, Urbana, Ill.*

DEAR SIR: A meeting of the Executive Committee was held in the University Club, Chicago, February 1.

Present: Messrs Grout, Hatch, and Abbott, members of the committee. There were also present Dean Harker, Comptroller Frazer, and Treasurer Haugan from the University, and Drs. Steele, Pusey, and Musgrave of the College of Physicians and Surgeons. Later Dr. Harsha, also of the College of Physicians and Surgeons, came in.

The following matters were presented by the chairman:

**APPOINTMENTS IN THE COMPTROLLER'S OFFICE AUTHORIZED.**

(1) A letter from President James, recommending that he be given authority to appoint:

(1) A man stenographer in the comptroller's office, familiar with accounting dictation, at a salary not to exceed \$85 a month.

2. An assistant in the comptroller's office, experienced in the inspection of accounting and business methods, at a salary not to exceed \$140 a month.

The recommendation was concurred in.

**AUTHORITY TO RECEIVE BIDS AND AWARD A CONTRACT FOR UNIFORMS.**

(2) A letter from Major B. C. Morse, Professor of Military Science, submitting for approval:

Form of proposal for uniforms,

Form of bids,

Form of advertisement;

and requesting that he be authorized to advertise for bids and that a committee be appointed with power to receive and open bids and award a contract for uniforms. President James, in a notation on the letter, recommended that the requests be granted.

Recommendation concurred in.

**CASE OF INJURY TO A STUDENT WORKMAN.**

(3) A letter from Mr. H. D. Oberdorfer, of the supervising architect's office, advising of an injury to a student workman whose fingers were caught in moving machinery. With the letter was enclosed a doctor's bill for treating the injured hand.

The matter was referred to the board for consideration.

**EXPERT EMPLOYED TO REPORT ON HAZARDOUS CONDITIONS.**

(4) The chairman recommended that, for the purpose of eliminating conditions hazardous to workmen and others, he be authorized to engage an expert to inspect carefully the machinery and equipment of the University and report all hazardous conditions, together with recommendations for a way to remove the hazard and an estimate of its probable cost. The chairman further recommended an appropriation of \$50 for the expenses and fee of the expert.

Recommendation approved.

**STOCK OF THE COLLEGE OF PHYSICIANS AND SURGEONS DONATED.**

(5) The chairman reported that on January 30 Dr. D. A. K. Steele, acting for the Alumni Association of the College of Medicine, brought to the office of the President of the Board of Trustees a package containing 139 certificates of stock of the College of Physicians and Surgeons, comprising 2,170 shares. These certificates, representing the entire capital stock of that corporation, and being all endorsed in blank and witnessed, were then and there given to the President of the Board and by him accepted for the board in fulfillment of the board's action taken at its meeting September 19, 1912 [page —], prescribing the terms under which the board would accept the capital stock of the College of Physicians and Surgeons. After counting and accepting the stock certificates, the President of the Board delivered them into the custody of Treasurer Haugan for safekeeping.

Treasurer Haugan produced the stock certificates at the meeting of the Executive Committee, and he and Comptroller Frazer again counted the stock represented by the certificates, and verified the previous count that it was found to comprise 2,170 shares, including one certificate for seven shares issued January 30, 1913, to the Board of Trustees of the University of Illinois.

President Steele and Secretary Harsha of the College of Physicians and Surgeons stated that 2,170 shares represented the entire issue of the capital stock of that corporation and that they would furnish a legal certificate to that effect.\*

The Executive Committee approved the action of the president in accepting the stock for the board in fulfillment of its action of September 19, 1912, and requested the officers of the Board of Directors of the College of Physicians and Surgeons to make out new certificates of stock in the names of the members of their Board of Directors and have the certificates endorsed in blank and delivered to Treasurer Haugan in exchange for the certificates which he held in custody and which should then be canceled.

President Steele was also requested to have made out a deed transferring to the Board of Trustees of the University of Illinois all the real property of the College of Physicians and Surgeons, and a bill of sale to the Board of Trustees of the University of Illinois for all the personal property of the College of Physicians and Surgeons, and to secure authority from the stockholders and Board of Directors of the College of Physicians and Surgeons to have the proper officers of the board execute this deed and bill of sale.

The committee adjourned.

Respectfully submitted,

W. L. ABBOTT, *Chairman.*

The board adjourned.

W. L. ABBOTT, *President.*

C. M. McCONN, *Secretary.*

\* A certificate to this effect, signed by Wm. M. Harsha, Secretary of the Corporation of the College of Physicians and Surgeons, and attested by the seal of the said college, was furnished to the President of the Board of Trustees of the University under date of February 6, 1913.

## **Meeting of March 5, 1913.**

---

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 M., on Wednesday, March 5, 1913, pursuant to the following notice which was sent out by the secretary on February 25, 1913:

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 the city of Chicago, on Wednesday, March 5, 1913, at 12:00 M., for the consideration of the requests to be made of the present General Assembly for appropriations for the University, and of such other matters as may be duly presented.

When the board convened, the following members were present: Mr. Abbott, Mr. Blair, Mrs. Evans, Mr. Grout, Mr. Hatch, Mr. Hoit, Mr. Montgomery, Mr. Moore. President James was also present, and Mr. W. Carbys Zimmerman, State Architect, was in attendance during a part of the afternoon.

President Abbott requested Mr. Fred L. Hatch, the senior member of the board and formerly president of the board, whose term expires on March 11, to take the chair. Mr. Hatch presided throughout the afternoon.

### **MINUTES APPROVED.**

The secretary presented the minutes of the special meeting of February 12, 1913, which, on motion, were approved.

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

The secretary presented the following report of appointments made by President James to fill vacancies in positions authorized by the Board of Trustees:

Gentry, William S., Jr., Assistant in Architectural Construction, for five months beginning February 1, 1913, at a salary of one hundred dollars (\$100) a month. (February 14, 1913.)\*

Knorr, Lynn E., Assistant to the Comptroller, at a salary of one hundred forty dollars (\$140) a month, beginning as soon as he reports for service and continuing until further notice or until August 31, 1913. (February 17, 1913.)

Spencer, E. R. (formerly Scholar in Psychology), Assistant in Psychology, for five months beginning February 1, 1913, at a salary of fifty dollars (\$50) a month. (February 17, 1913.)

Strom, Sigurd, Stenographer in the Comptroller's Office, at a salary of eighty-five dollars (\$85) a month, beginning March 3, 1913, and continuing until further notice or until August 31, 1913. (March 4, 1913.)

### **MODIFIED PLANS FOR THE STOCK JUDGING PAVILION APPROVED.**

Mr. W. Carbys Zimmerman, State Architect, submitted a set of modified plans for the Stock Judging Pavilion.

The secretary reported that he had laid before Dean Harker, the Legal Counsel of the University, the question as to the legal status of the contract with English Brothers for this building (this point having been referred to the counsel at the meeting of January 25, 1913, page —); and that Dean Harker had given it as his opinion, first, that the vote of the Executive Committee (taken January 10, 1913; reported to the board and approved

---

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

January 25, 1913, page —) awarding the contract for this building to English Brothers constitutes a legal contract with that firm irrespective of the signing of a formal document by the officers of the board; and, second, that the plans for this building may be restudied and plans considerably different from the ones on which the bids were made may finally be approved without invalidating this contract, and that in such case the board would be justified in making adjustments with English Brothers as to the terms of the contract and allowing them to erect the building under that contract without calling for new bids.

The State Architect recommended that English Brothers be authorized to proceed with the erection of the Stock Judging Pavilion in accordance with the modified plans before the board, provided that the changes in the plans are approved by the Supervising Architect of the University; provided, further, that the amounts of deductions and additions are satisfactory to the Supervising Architect of the University; and, provided, further, that the counsel of the University shall file a written opinion confirming the oral opinion given by him to the secretary of the board as reported above.\*

On motion, the foregoing recommendation of the State Architect was approved, the vote being as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Evans, Mr. Grout, Mr. Hatch, Mr. Hoit, Mr. Montgomery, Mr. Moore; noes, none; absent, Mrs. Bahrenburg, Mrs. Busey, Mr. Dunne, Mr. Meeker.

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

President James presented the following matters for consideration:

##### DEPOSIT TO BE CHARGED FOR KEYS.

(1) A recommendation from the Council of Administration, passed at the council meeting of February 11, 1913, that a deposit of 50 cents should be charged for every key issued by the University for any building, room, or desk.

On motion of Mr. Abbott, this recommendation was approved.

##### LEASE OF SULLIVAN LAND.

(2) A communication from Dr. Eugene Davenport, Dean of the College of Agriculture, stating that Mr. H. W. Mumford, Professor of Animal Husbandry, acting as agent for the Board of Trustees, had on January 22, 1912, leased from Mr. William Sullivan, of Champaign, the following described property, namely, the southeast quarter of the southeast quarter of section nineteen (19), and the northwest quarter of the northeast quarter of section thirty (30), township nineteen (19) north, range nine (9) east of the Third (8d) Principal Meridian in the

##### \* IN RE THE CONSTRUCTION OF THE STOCK JUDGING PAVILION.

*To the Board of Trustees of the University of Illinois:*

Through your secretary I am asked to render an opinion concerning the award of the contract for the construction of the Stock Judging Pavilion to English Bros.

As I understand it, the board referred the bids, which had been opened, to the Executive Committee and the State Architect with instructions to accept Alternate "B" minus "E" and with power to act. Although the bid of Mr. Stoolman was the lowest of the four opened [i. e., on "B" minus "E," in Alternate "B" taken by itself (the building complete within eight months), English Brothers' bid, which was the bid accepted, was the lowest], such reference did not limit the Executive Committee to the authority to accept his bid and enter into a contract. The reasonable construction to place upon that action of the board was to authorize the Executive Committee to contract for the construction of the building within eight months with the deductions provided under "E." While it is true that the Executive Committee and the State Architect on January 10, 1913, exceed the authority which had been given them, their action was approved by the Board of Trustees at its session of January 25. The awarding of the contract, therefore, to English Bros., may be considered as board action, irrespective of the action taken by the Executive Committee and State Architect. Now, if the terms of the contract with English Bros. were there agreed upon and it was voted that a contract should be drawn up embodying those terms (to be signed by English Bros. and the President of the board) and if English Bros. have complied by signing the written instrument and have done all other things required of them to make the contract a complete one, it would be at law regarded as a legal contract, irrespective of the signing of the document by the president and secretary of the board. What I mean by that is that if all requirements excepting the mere attaching of the signatures of the president and the secretary to the document have been fulfilled, the board cannot insist that there was not a contract.

As to the second question, to-wit, whether the board will be justified in making changes and adjustments with English Bros. as to the terms of the present contract and allowing them to erect the building under that contract without calling for new bids, I will say that the board has such power. Even if the written document has been signed by both parties and a bond for the faithful performance of the contract has been signed and delivered, an agreement for changes of plans and specifications between the board and the contractors would be legal, unless of course the agreement should be tainted with fraud.

Respectfully submitted,

O. A. HARKER  
Legal Counsel

arch 10, 1913.

county of Champaign, containing eighty (80) acres more or less, for the use of the University, for a term of five years beginning March 1, 1912, and ending March 1, 1917, at an annual rental of eight hundred dollars (\$800); and that at the same time Mr. Sullivan had given to Mr. Mumford, for the benefit of the University of Illinois, an option on the purchase of the above described land, if the purchase money be paid on or before the first day of March, 1914, for the sum of forty thousand dollars (\$40,000).

It was voted that the officers of the Board of Trustees be authorized to sign the lease described above, and also that due note be made of the accompanying option. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Evans, Mr. Grout, Mr. Hatch, Mr. Hoyt, Mr. Montgomery, Mr. Moore; noes, none; absent, Mrs. Bahrenburg, Mrs. Busey, Mr. Dunne, Mr. Meeker.

#### PETITION FROM THE ILLINOIS VIGILANCE ASSOCIATION.

(3) A petition from the Illinois Vigilance Association that the Board of Trustees of the University should plan for a Department of Moral Sanitation, having for its purpose the study of the nature and cause of morbid and immoral conditions and of plans for the promotion of public integrity.

This petition was received to be filed.

#### APPRAISAL OF BUILDINGS AND GROUNDS AND VALUED AND UNVALUED INVENTORY.

(4) A recommendation that the President of the University be authorized to obtain a careful and impartial appraisal of the value of the buildings, grounds, and equipment of the University, and also to have prepared an adequate valued and unvalued inventory of the property of the University.

On motion of Mr. Blair, this recommendation was approved.

#### TRANSFER OF FUNDS IN THE AGRICULTURAL EXPERIMENT STATION.

(5) A recommendation that the sum of fourteen hundred dollars (\$1,400), remaining unused, by reason of Dr. Burrill's resignation, out of the appropriation of four thousand dollars (\$4,000) made by the board in the last budget from the Hatch fund to the Department of Botany in the Agricultural Experiment Station, be transferred to the Department of Dairy Husbandry in the Agricultural Experiment Station.

On motion of Mr. Abbott, this recommendation was approved.

#### APPOINTMENT OF AN INSTRUCTOR IN THE ENGLISH DEPARTMENT.

(6) A request from Dr. A. H. Daniels, Acting Dean of the College of Literature and Arts, that Mr. George Frisbie Whicher be appointed Instructor in English, for ten months beginning September 1, 1913, at a salary of one hundred ten dollars (\$110) a month, in place of Mr. L. G. Painter.

On motion of Mr. Blair, this recommendation was approved.

#### LEAVE OF ABSENCE FOR PROFESSOR WELLS.

(7) A request from Mr. Newton A. Wells, Professor of Architectural Decoration, endorsed by Professor F. M. Mann, head of the Department of Architecture, and Dr. W. F. M. Goss, Dean of the College of Engineering, for leave of absence on half pay for the academic year beginning September 1, 1913, for the purpose of study in Europe.

On motion of Mrs. Evans, it was voted to grant this request of Professor Wells, provided the President of the University finds it possible to make arrangements for the care of Professor Wells' work during his absence.

#### COPIES OF CONTRACTS TO BE FILED IN THE COMPTROLLER'S OFFICE.

(8) A communication from Professor George E. Frazer, Comptroller, stating that he finds several contracts outstanding under which the University is obligated which are not matters of record in his office, and recommending that no contract entered into by or for the Board of Trustees of the University of Illinois shall be regarded as completed until a copy of the contract and of the correspondence or other necessary information concerning it shall be filed in the comptroller's office.

On motion of Mr. Montgomery, this recommendation was approved.



### CANCELLATION OF OLD UNPAID WARRANTS.

(9) A communication from Professor George E. Frazer, Comptroller, calling attention to the fact that various unpaid warrants issued many months ago are still outstanding, and suggesting that such unpaid warrants outstanding for more than one year shall be canceled, so that in all such cases authority shall be secured anew for the issuance of new warrants.

On motion of Mr. Moore, this suggestion of the comptroller's was referred to the Finance Committee for consideration and report.

### ADDITIONAL REMUNERATION FOR THE ACTING DIRECTOR OF THE COURSES IN CERAMICS.

(10) A recommendation that Mr. R. T. Stull, Associate in Ceramics, who, owing to the resignation of Professor A. V. Bleininger after the opening of the academic year and the impossibility of finding any one to take his place, has been performing the duties of Director of the Courses in Ceramics in addition to his other duties, be given an additional remuneration of three hundred dollars (\$300) for this extra service as Acting Director of the Courses in Ceramics for the present academic year.

On motion of Mrs. Evans, this recommendation was approved, the vote being as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Evans, Mr. Grout, Mr. Hatch, Mr. Hoit, Mr. Montgomery, Mr. Moore; noes, none; absent, Mrs. Bahrenburg, Mrs. Busey, Mr. Dunne, Mr. Meeker.

### APPOINTMENT OF AN ASSISTANT PROFESSOR OF DAIRY BACTERIOLOGY.

(11) A recommendation from Dr. Eugene Davenport, Dean of the College of Agriculture, that Mr. Martin John Prucha be appointed Assistant Professor of Dairy Bacteriology in the College of Agriculture and Assistant Chief in Dairy Bacteriology in the Agricultural Experiment Station, for three years, beginning as soon as he reports for service in Urbana, at a salary of twenty-five hundred dollars (\$2,500) per annum.

On motion of Mr. Blair, the President of the University was authorized to make this appointment on the terms indicated, the vote being as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Evans, Mr. Grout, Mr. Hatch, Mr. Hoit, Mr. Montgomery, Mr. Moore; noes, none; absent, Mrs. Bahrenburg, Mrs. Busey, Mr. Dunne, Mr. Meeker.

### RATES OF TUITION IN THE COLLEGE OF MEDICINE.

(12) The following communication from Professor George E. Frazer, Comptroller, in regard to the rates of tuition in the College of Medicine for the current year:

URBANA, ILL., March 1, 1913.

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

DEAR SIR: Superintendent William H. Browne of the College of Medicine reports to me that the rates of tuition in force in the College of Physicians and Surgeons for the present school year are as follows:

	Freshman Year.	Sophomore Year.	Junior Year.	Senior Year.
Matriculation .....	\$ 5 00	\$ 5 00	\$ 5 00	\$ 5 00
General ticket .....	120 00	120 00	140 00	155 00
Laboratory .....	20 00	20 00	5 00	.....
	<hr/> \$145 00	<hr/> \$145 00	<hr/> \$150 00	<hr/> \$160 00

I respectfully request that these rates of tuition be officially adopted for the College of Medicine of the University of Illinois.

Very truly yours,

GEO. E. FRAZER, *Comptroller.*

On motion of Mr. Montgomery, the foregoing recommendation of the comptroller was approved.

### APPROPRIATION FOR GYMNASIUM LOCKERS.

(13) A recommendation from Professor George E. Frazer, Comptroller, that an appropriation of six hundred five dollars and one cent (\$605.01) be made to the budget account entitled "Department of Physical Training, Men, Incidentals," to cover bills for gymnasium lockers purchased last autumn.

On motion of Mr. Moore, this recommendation was approved, the vote being as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Evans, Mr. Grout, Mr.

Hatch, Mr. Hoit, Mr. Montgomery, Mr. Moore; noes, none; absent, Mrs. Bahrenburg, Mrs. Busey, Mr. Dunne, Mr. Meeker.

#### ENTRANCE REQUIREMENTS FOR THE COLLEGE OF LAW.

(14) A recommendation from the Advisory Board of the College of Law, consisting of Messrs. George E. Drennan, of Chicago; William R. Hunter, of Kankakee; Walter C. Lindley, of Danville; George T. Page, of Peoria, and Peter P. Schaefer, of Champaign, contained in their report of their last visit to the college on December 16, 1912, that the entrance requirements of the College of Law be increased to two years of university work, except that a student twenty-one years of age or over who has completed the course of an accredited high school should be admitted and should be given the degree of Bachelor of Laws on completing the course prescribed by the College with an average grade of ten above the passing grade.

This recommendation was received for record.

#### PETTY CASH FUND AND BONDING, COLLEGE OF MEDICINE.

(15) The following communication from Professor George E. Frazer, Comptroller, concerning a petty cash fund in the College of Medicine, and the bonding of the Superintendent and the Clerk in the office of the College of Medicine.

URBANA, ILL., March 4, 1913.

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

DEAR SIR: It is advisable that the Superintendent of the College of Medicine should be permitted to retain receipts to an amount not exceeding \$300 as a petty cash fund. The Superintendent of the College of Medicine should be authorized to pay in cash from the petty cash fund such extraordinary expenses and minor accounts as demand immediate payment. No payment from the petty cash fund on the account of any one bill should exceed the sum of \$30. All expenditures from the petty cash fund of the College of Medicine should be considered a personal liability of the Superintendent of the College to the University.

The Superintendent of the College of Medicine should be reimbursed for all petty expenditures at least once each month by a voucher drawn in his name covering all petty cash payments. This voucher should be accompanied by a receipted bill for each item, and should be sent to the business office of the University, where a warrant will be drawn in favor of the Superintendent of the College of Medicine for the amount.

I recommend that Mr. J. L. Tomlinson, Clerk in the office of the Medical College, be placed under a bond of \$5,000, and that Superintendent Wm. H. Browne be placed under a bond of \$1,000, in some reliable bonding company, the premiums on the these bonds to be paid by the University.

Very truly yours,

GEO. E. FRAZER, *Comptroller.*

The recommendations of the comptroller contained in the foregoing letter in regard to a petty cash fund of not to exceed three hundred dollars (\$300) in the College of Medicine, the bonding of Messrs. William H. Browne, Superintendent, and J. L. Tomlinson, Clerk, in the amounts of one thousand dollars (\$1,000) and five thousand dollars (\$5,000), respectively, and the payment of the premiums on these bonds by the University, were approved, the vote being as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Evans, Mr. Grout, Mr. Hatch, Mr. Hoit, Mr. Montgomery, Mr. Moore; noes, none; absent, Mrs. Bahrenburg, Mrs. Busey, Mr. Dunne, Mr. Meeker.

#### IMPORT ORDER FOR THE DEPARTMENT OF BOTANY.

(16) A request from Dr. Charles F. Hottes, Assistant Professor of Botany, endorsed by Dr. E. J. Townsend, Dean of the College of Science, that permission be given to place an import order for chemicals, glass ware, and apparatus of foreign manufacture, for the use of the Department of Botany, to the amount of fifteen hundred dollars (\$1,500).

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

At this point Mr. Meeker took his seat with the board.

#### INTERPRETATION OF THE RULE IN REGARD TO THE APPOINTMENT OF RELATIVES.

(17) A statement calling attention to the question of the interpretation of the rule of the Board of Trustees concerning the appointment of relatives of members of the Board of Trustees, or relatives of members of the University

instructional, scientific, administrative, or labor staff to positions under the authority of the board (this question having been raised by the President of the University, at the request of Professor E. C. Schmidt, at the meeting of December 19, 1912, p. —, at which time consideration of the subject was postponed).

It was moved that in the opinion of the Board of Trustees one member of a family at a time is sufficient representation on the instructional, scientific, administrative, or labor staff of the University, and that the rule of the board above referred to on this subject is to be interpreted to apply to reappointments as well as to original appointments.

It was moved to amend this motion by the addition of the following words: "*Provided*, that this interpretation shall not apply to persons in the employ of the University at the present time."

When, after prolonged and full discussion, the vote was taken, the amendment was lost, and the original motion was adopted as given above.

#### HEARING OF COMMITTEE OF DENTAL ALUMNI.

(18) A further statement in regard to the request from the Alumni Association of the College of Dentistry, that this college be reopened (see the petition signed by one hundred twenty-five alumni of the College of Dentistry, presented at the meeting of February 12, 1913, p. 177); this request having been supported by communications from Dr. Alfred Owre, Dean of the College of Dentistry of the University of Minnesota; Dr. Edward C. Kirk, Dean of the School of Dentistry of the University of Pennsylvania; Dr. Charles R. E. Koch, Secretary of the Dental School of Northwestern University, and Dr. Frederick B. Moorehead, Chairman of the Committee on the reorganization of the College of Dentistry; the board is urged to reopen the College of Dentistry on the ground that the interests of the community in this Department of Medicine and Surgery can never be adequately served except by privately endowed or state supported institutions.

This statement was received for record.

In this connection, a hearing was given to a committee representing the Alumni Association of the College of Dentistry, consisting of Mr. Elmer D. Brothers, formerly Professor of Dental Jurisprudence in the College of Dentistry; Dr. George W. Cook, formerly Dean of the College of Dentistry, and Dr. A. C. Kingsley, a graduate of the College of Dentistry of the class of 1909.

#### ADDRESS TO THE LEGISLATURE AND REQUEST FOR APPROPRIATIONS.

(19) The following address to the Forty-eighth General Assembly, accompanied by detailed requests for appropriations for the support of the University for the biennium 1913-15.

#### ADDRESS OF THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS TO THE FORTY-EIGHTH GENERAL ASSEMBLY OF THE STATE OF ILLINOIS IN THE MATTER OF APPROPRIATIONS FOR THE BIENNIUM 1913-15.

GENTLEMEN: We beg to submit herewith our requests for appropriations for the support of the University of Illinois for the biennium 1913-15.

The people of Illinois have revealed during the last twenty years an ever plainer and more definite purpose to make the University of Illinois an institution fully worthy of the commonwealth and to place it on a par with the leading institutions of similar character at home or abroad.

This sentiment was well stated in the following joint resolution passed by the Forty-sixth General Assembly in 1909:

"WHEREAS, It is the evident will of the people of this commonwealth that the University of Illinois shall be made so complete in its organization and equipment that no son or daughter of this State shall be obliged to seek in other states or other countries those advantages of higher education which are necessary to the greatest efficiency of social service either in public or private station; and,

"WHEREAS, The State of Illinois has imposed upon this institution, in its agricultural and engineering experiment stations, and in its graduate school, the duty of carrying on extensive and important investigations of vital interest to the agricultural industry and education of the State, and the conduct of these investigations calls for the very highest ability and the most thorough training on the part of those entrusted with their supervision; and,

"WHEREAS, The great progress of this institution in the last five years has attracted the attention of the whole country and made other institutions desirous of drawing away the members of the faculties in said University; and,

"WHEREAS, The present schedule of salaries is not sufficient to enable the institution to compete on equal grounds with other state and private universities in the United States; therefore, be it

*"Resolved, By the Senate, the House of Representatives concurring herein, That it is the sense of this General Assembly that the Board of Trustees of the University of Illinois should adopt such a policy as will in their judgment attract to, and retain in, the service of the University and the State, the best available ability of this and other countries."*

The Legislature further showed the interpretation which it meant should be placed upon this resolution by making at the same session by a practically unanimous vote a considerable increase in the biennial appropriations for the support of the institution. The General Assembly at its next regular session (47th) in the year 1911 indicated its emphatic approval of the underlying thought of the resolution by making the largest increase in the biennial appropriations which up to that time had been made by any Legislature.

By far the larger part of this increase, however, two-thirds of it in fact, was for the benefit of the agricultural interests represented in the University—the appropriation to the Agricultural College alone being four times the previous amount.

This appropriation, if continued and wisely administered, will put and keep the Agricultural College at the head of similar institutions in the world.

But the Forty-seventh General Assembly, recognizing that other departments also greatly needed strengthening, indicated by another act its purpose of providing for the other interests of the State represented in the University of Illinois in a similar satisfactory manner in the future. For that Assembly passed a bill, known as the Mill Tax Bill, providing that there should be levied and collected for the year 1912 and annually thereafter, at the same time and in the same manner that State taxes are collected, a one mill tax for each dollar of the assessed valuation of the taxable property of this State, to be paid into the treasury of the State and set apart as a fund for the use and maintenance of the University of Illinois.

This is a lower tax upon the full valuation than is granted in Michigan, Wisconsin, Iowa, or Minnesota.\*

The State Auditor informs us that the tax has been levied and if collected entire will yield the sum of \$2,343,673 per annum for the use and maintenance of the University. Deducting 4 per cent for loss in collection, the total amount available for the University would be \$2,249,926.08, or \$73.92 less than two and one-quarter million dollars per annum.

It is upon the basis, then, of this \$2,250,000 per annum that we have formulated our requests to the Legislature for funds for the use of the University during the biennium beginning July 1, 1913; and the sum total of these requests foots up \$4,498,980.

In round numbers this represents an increase over the appropriations granted by the Legislature at the last session of \$950,000.

We are asking in a general way—the details are shown in the bills—that this increase shall be used to enable the University to make very much needed increases in its lands and buildings—\$200,000 being asked for the purchase of land and \$775,000 for the erection of major buildings.

We are asking, further, that the sum used in the erection of major buildings during the present biennium be made available for the strengthening of those departments of the institution which were passed over in the appropriation of funds at the last Legislature.

The State of Illinois hesitated long before it adopted the policy of building up a State University. As a result its sister institutions in the Mississippi Valley ran, many of them, far ahead of the State University of Illinois, especially in buildings and equipment. It is necessary for the University of Illinois, if it is to become in our day and generation what the people of the commonwealth evidently desire it should, to make very important investments within a comparatively short time in building up the necessary plant for an institution of this sort.

The present value of the buildings now on the campus and those in process of erection is probably about two and a quarter millions of dollars; but during the last twenty-two years the University of Chicago has put into buildings in actual use in the Educational Department on June 30, 1912, more than five million dollars, and counting the new Library Building, which went into operation shortly after, nearly six millions of dollars. The building plant of Columbia University has cost considerably over eleven million dollars; while the corresponding value of the Harvard University plant is probably fifteen million dollars. And that in spite of the fact that the University of Chicago has neither a college of agriculture nor a college of engineering, nor has Harvard or Columbia, either of them, a college

\* The following table shows the sum per capita contributed to the state university in the respective states:

Minnesota.....	\$1.292
California.....	0.958
Wisconsin.....	0.912
Iowa.....	0.903
Michigan.....	0.677
Illinois.....	0.353

The following table shows the ratio of the income of the university to the total true-value of the taxable property of the state:

Wisconsin.....	.000723
Minnesota.....	.000701
Iowa.....	.000663
Michigan.....	.000642
California.....	.000523
Indiana.....	.000301
Illinois.....	.000286

of agriculture, the most liberally provided for of all the departments of the State University of Illinois.

It is absolutely necessary furthermore to add considerably to our farm holdings in order to meet the demands of the various agricultural departments; and, unless the institution is to be crowded into a straight jacket which will impede its growth seriously and warp and twist it to an injurious extent, it must add to its holdings for other general University purposes. The sum asked for will provide only the absolutely essential additions which should be made during the next two years.

Among the departments of this institution which must be greatly strengthened, if we are to become a true university and be generally recognized as such, the University Library stands first. It is safe to say that there is more reluctance on the part of the best men in the academic world to accept positions on the staff of the University because of the lack of library facilities than for any other single reason.

The University of Illinois Library contains about a quarter of a million volumes. It is the twelfth in rank among the university libraries of the country, although it is very much lower than that if institutions are ranked by their access to library facilities. Thus Harvard University has in its own collection over a million volumes, more than four times as many as the University of Illinois, but it has in its immediate neighborhood additional collections containing two million volumes. Yale University has three times as many volumes in its own collections as the University of Illinois, and it is within access of the four and one-half million volumes in the city of New York. Columbia has a half million volumes, twice as many as the University of Illinois, but it has in the same city and practically next door additional collections amounting to four and one-half millions of volumes. The University of Chicago Library has 381,000 accessioned books with another 100,000 unaccessioned—in other words, more than twice as many as the University of Illinois, although it is situated in immediate proximity to collections in the neighborhood of another million and a half, and it does not need to provide library facilities for either agriculture or engineering. The people of this State, whether wisely or unwisely, located the University of Illinois 125 miles from any important collection of books. Speaking generally, therefore, the library which is to quicken and stimulate and fructify scholarship and investigation at the University of Illinois must be a library located upon the campus of the University. It is impossible to day to undertake the investigation of any important subject without running up immediately against a stone wall for lack of library facilities. We must have at Illinois a much larger collection than such institutions as Harvard, Yale, Columbia, or Chicago, if we are to have at all equal facilities.

It is plain that the University of Illinois cannot hope to take its place among the great institutions of the world until it has a far more adequate library.

We have felt, therefore, that we ought to urge upon the attention of the Legislature very strongly that an appropriation of at least \$100,000 per annum should be made for the purchase of books, but owing to the pressure of other interests we have deferred our request for the larger sum for another biennium. We have inserted in our askings for this biennium only the sum of \$50,000 per annum, and we trust this will not be diminished.

Next to the agricultural interest at the University of Illinois, the engineering interests bulk up in the public mind the largest, if not the most important. We are asking for an increase of \$50,000 in the biennial special appropriation for the College of Engineering and Engineering Experiment Station. This increase of \$25,000 per annum is very greatly needed, and we trust that it may be granted in full.

Many of the buildings on the University campus were erected in the last century, and some of them are forty years old. They were not of the best quality when erected, and they have begun to call for large expenditures for repairs and improvements. The appropriation made by the Legislature at the last session of \$50,000 per annum for painting, repairs, reconstruction and improvements to buildings and grounds was far below the absolute need of the University. We are asking for an increase of \$50,000 under this head.

The last General Assembly granted an appropriation for the erection of a building to house our courses in commerce which, although established only a few years ago, have become among the most widely esteemed and valuable courses offered in the institution. We did not urge an increase in the appropriation for these courses in the last General Assembly. We do urge it now, however, strongly, since we are in a position to use the money wisely in the improvement and enlargement of these courses. We are asking for \$25,000 per annum for this purpose.

The Graduate School, although established only a few years ago, has become one of the most important departments of the University. It is safe to say that every undergraduate department in the institution has been greatly improved in the spirit, personnel, and efficiency of its work by the existence of the Graduate School as an assistant and a stimulus to the right kind of scientific spirit and scientific work throughout the institution. No increase was granted at the last General Assembly over the previous appropriation. We are asking, and urge upon your attention most strongly, the desirability of an increase of twenty-five thousand for the biennium for this important branch of our University work.

For the first item of the first bill, that for salaries and operating expenses, we ask an increase of \$100,000 per annum.

This is the most important single item in any of the bills laid before the Legislature. Whatever is necessary for the conduct of the institution which is not included in the special appropriations must be taken from this first item, plus the income from student fees and the appropriation from the Federal Government. Any crippling of the institution at this point means a crippling in all departments, and the failure of the General Assembly at the last session to make an adequate increase in this item has embarrassed the University in every direction during the

past two years. From this item must be paid the general administrative expenses of the University, estimated for the coming biennium at \$158,000 in round numbers; miscellaneous expenses amounting to \$40,000; expenses for operating the plant, labor, heat and light, supervising architect, etc., \$200,000; summer session, for the benefit of the teachers of the State, \$30,000; various departments, including University Library, physical training for men, physical training for women, high school inspection, \$175,000; expenses of the College of Science, \$431,000; of the College of Literature and Arts, \$380,000; Library School, \$18,000; music, \$38,000, etc. We sincerely trust that you will find it advisable to grant the entire sum as asked for.

The last General Assembly granted the sum of \$60,000 per annum for the support of the Medical School. The Supreme Court threw out the appropriation on a technical ground, and the University lost the money.

We had been leasing a plant for the conduct of the Medical School from the College of Physicians and Surgeons in the city of Chicago. After the loss of the appropriation the latter corporation declined to renew the lease, and as there was no opportunity to secure a similar plant elsewhere in Chicago the University was compelled to close its Medical School, which it did upon June 30, 1912.

The graduates of the University Medical School and other friends of medical education throughout the State were greatly disturbed by this outcome of the experiment in medical education which the University had been carrying on for some fifteen years. They asked the trustees whether they would reopen the Medical School if the alumni would secure the control of the property of the College of Physicians and Surgeons and present the same to the University. The trustees replied in the affirmative, if all the stock of the corporation of the College of Physicians and Surgeons were presented in a block on or before February 1, 1913.

This condition was fulfilled, and the University accepted the property, real and personal, of the College of Physicians and Surgeons, subject to the encumbrances upon the same, but without assuming any responsibility whatever for the payment of any debts or obligations of the College of Physicians and Surgeons.

The entire plant, real and personal, was deeded to the University, subject to mortgage obligations amounting to \$245,000, the annual interest charge being \$14,320.

The trustees, in accordance with their agreement, authorized and directed the President of the University to reopen the Medical School in the plant thus acquired, which was done on Thursday, March 6, 1913.

Through this action of the alumni the University has come into the control of an extremely valuable property, very well located for the purposes of a medical school. There will naturally be some difference of opinion as to the value of the property which the alumni presented to the trustees. There is no market for medical schools, and consequently if this property and school were put up for sale tomorrow, probably it would have no bidder other than some person wishing the real estate for some other purpose. If the University, however, were to stare in *de novo* to acquire as good a site and buildings and equipment with a well established school, such as it has built up during the past fifteen years in cooperation with the College of Physicians and Surgeons, there is little doubt that it would cost the University easily more than a million dollars; for much more than that sum has been spent in the development of this Medical School.

The real estate of the property was valued in the spring of 1907 by a committee of the Chicago Real Estate Board, at seventy thousand dollars (\$70,000). The State Architect, W. Carby Zimmerman, associating with himself Minard L. Beers, another architect, estimated the value of the buildings at the same date to be two hundred and thirteen thousand dollars (\$213,000).

The real estate has undoubtedly appreciated in value, as quotations for the sale of property in that neighborhood amply show. The buildings have, of course, tended to depreciate, but a considerable sum of money has been spent in repairs to maintain them in a usable condition. With the building and grounds go also an inventoried plant, including a medical library, valued at about \$100,000. But if the inventory should be cut in two, it would still represent a plant of ground, buildings and equipment of considerably more than \$300,000, on a very modest estimate. No one would undertake to get a block of ground as conveniently located as the present block and get buildings upon it as well adapted for the purpose with equipment as good as the present for less than \$400,000, and it would probably take a full half million to do it.

The obligations consist of mortgage obligations as follows:

I. (a) Due Chicago Board of Education, July 1, 1913.....	\$ 10,000 00
(b) Due Chicago Board of Education, July 1, 1914.....	10,000 00
(c) Due Chicago Board of Education, July 1, 1916.....	56,000 00
Interest on these obligations at 5½ per cent per annum.....	
II. Bonds secured by mortgage on the new Medical Building, bearing	
6 per cent interest, due July 1, 1926.....	109,000 60
III. Bonds secured by mortgage on the old Medical College Building	
due July 1, 1932, bearing 6 per cent interest.....	60,000 00
Total .....	\$245,000 00

The total interest charge is \$14,320 per annum.

So long as the University of Illinois pays the interest on these obligations it will retain control of the property, and if the State should ever appropriate money to enable it to pay off the indebtedness it would possess the property in fee simple.

There is no obligation, however, resting upon the University or upon the State to do this, and the property may be given up at any time when the Legislature sees a more valuable property for the same or less money.

For the present, the interest may be looked upon as a permanent rental, and certainly no one can examine this property without seeing that it is very valuable and that such a sum represents an astonishing low rental.

But having the plant for the Medical College and having the students is only a small part of building up a medical school. In order to conduct a medical school worthy of the State of Illinois, it will be absolutely necessary to have at least the sum of one hundred thousand dollars per annum which we are asking for in this bill.

The University must advance its standards of admission to at least the same level as those maintained by Indiana, Michigan, Wisconsin, Minnesota, and Iowa. This will inevitably cut down the attendance, though it will secure a far better grade of material in the ranks of future practitioners.

It will be necessary to provide adequate facilities in the laboratories, libraries, etc., and to provide these facilities for a modern medical school a considerable sum will be necessary.

Twenty-five states have definitely adopted the policy of providing facilities for the education of those who desire to practice upon the community as physicians, including practically all the important state universities. Illinois lags at the tail end of the procession. We respectfully urge that this sum be granted in full.

A special plea will be presented to the Legislature upon this topic.

It will be noted that an increase has been asked for the College of Agriculture and for the various items, live stock investigations, crop investigations, soil investigations, horticultural investigations, and dairy investigations. These increases are provided, however, from the one hundred and fifty-three thousand dollars voted by the last Legislature for agricultural buildings, so that the total appropriation for the Agricultural College and Experiment Station is somewhat less than it was the last time; although we are asking for an increase in the purchase of land item and for the erection of the Chemistry Laboratory and other University buildings, which redound, of course, to the benefit of the College of Agriculture as to that of the other departments.

The other items in this bill are all simple in their nature, and the argument for the same will be presented by the officers of the University before the committees of the Legislature.

A word in regard to the Chemistry Laboratory, which is the largest item called for under buildings, will not be out of place.

While the Department of Chemistry is classified under the College of Science, it really devotes most of its work to the instruction of agricultural and engineering students. Every engineering student is now required by the University to take a course in chemistry, as is every agricultural student. The number of students in these courses has more than doubled since the present building was erected, and it is necessary to provide more ample accommodations for these students or else to exclude some of them altogether from work which the faculties think forms an essential part of the curriculum.

We are asking for an addition to the Commerce Building for administrative purposes, so that the administrative offices now in the Natural History Building may be moved out, making room for additional laboratories in botany, geology, physiology, bacteriology, etc. The University was compelled to exclude students in the College of Agriculture and College of Science from the courses in bacteriology during the present semester and from the courses in physiology, as also in zoölogy and botany, because of lack of laboratory room and laboratory facilities. The steady increase of students in the College of Agriculture makes it imperative that the facilities for the courses in bacteriology, biology, including botany and zoölogy, and physiology shall be enlarged. This will be accomplished by transferring the administrative offices to the addition to the Commerce Building and also by completing the present Natural History Building.

The building for the School of Education and the Residence Hall for Women have been urged upon the attention of the Legislature before, and by common consent it was agreed that these buildings should be provided for as soon as funds were available.

The biennial report made to the Governor showing transactions of the board and full quarterly statements of income and expenditures up to July 1, 1912, is now printed and in your hands.

All of which is respectfully submitted.

#### REQUESTS FOR APPROPRIATIONS 1913-15.

(The items are arranged in the order followed in the appropriation bills passed by the Forty-seventh General Assembly, with the amounts appropriated by the Forty-seventh General Assembly in a parallel column for the purposes of comparison.)

##### I. MAINTENANCE AND EXTENSION BILL.

###### SECTION 1.

	1911-13.	1913-15.	Increase.
1. Salaries and operating expenses....	\$1,150,000 00	\$1,350,000 00	\$200,000 00
2. Shop practice .....	12,000 00	12,000 00	.....
3. Cabinets and collections .....	8,000 00	20,000 00	12,000 00
4. Additions to Library .....	50,000 00	100,000 00	50,000 00
5. Fire protection .....	3,000 00	5,000 00	2,000 00
6. Apparatus and appliances .....	8,000 00	20,000 00	12,000 00
7. Pavements and walks .....	8,000 00	8,000 00	.....
8. Engineering College and Experiment Station .....	180,000 00	230,000 00	50,000 00

I. MAINTENANCE AND EXTENSION BILL—*Concluded.*

	1911-13.	1913-15.	Increase.
9. Painting, repairs, and improvements	\$ 50,000 00	\$100,000 00	\$50,000 00
10. State Water Survey .....	15,000 00	15,000 00	.....
11. Commerce, political science, etc....	50,000 00	75,000 00	25,000 00
12. Law School .....	50,000 00	50,000 00	.....
13. School of Pharmacy .....	20,000 00	20,000 00	.....
14. Chemical Laboratory .....	20,000 00	20,000 00	.....
15. Graduate School .....	100,000 00	125,000 00	25,000 00
16. Ceramics .....	30,000 00	35,000 00	5,000 00
	<u>\$1,754,000 00</u>	<u>\$2,185,000 00</u>	<u>\$431,000 00</u>
SECTION 2.			
	1911-13.	1913-15.	Increase.
College of Medicine .....	\$120,000 00	\$200,000 00	\$80,000 00
SECTION 3.			
College of Agriculture .....	415,800 00	440,480 00	24,680 00
SECTION 4.			
Live stock investigations .....	50,000 00	62,000 00	12,000 00
SECTION 5.			
Crop investigations .....	30,000 00	37,000 00	7,000 00
SECTION 6.			
Soil investigations .....	130,000 00	142,000 00	12,000 00
SECTION 7.			
Horticultural investigations .....	30,000 00	42,000 00	12,000 00
SECTION 8.			
Dairy investigations .....	30,000 00	42,000 00	12,000 00
SECTION 9.			
Floricultural investigations .....	16,000 00	16,000 00	.....
SECTION 10.			
Household Science .....	5,000 00	5,000 00	.....
SECTION 11.			
Printing of soil maps, etc. ....	50,000 00	50,000 00	.....
SECTION 12.			
Department of Mining Engineering....	30,000 00	30,000 00	.....
SECTION 13.			
Cooperative work in mining .....	10,000 00	10,000 00	.....
	<u>\$ 916,800 00</u>	<u>\$1,076,480 00</u>	<u>\$159,680 00</u>
Total, section 1 .....	<u>1,754,000 00</u>	<u>2,185,000 00</u>	<u>431,000 00</u>
Total, maintenance and extension bill .....	\$2,670,800 00	\$3,261,480 00	\$590,680 00

## II. BUILDINGS BILL.

	1911-13.	1913-15.	Increase.
SECTION 1.			
1. Additional equipment for Water Station .....	\$ 4,000 00	\$ 4,000 00	.....
2. Telephones and signal service .....	3,000 00	3,000 00	.....
3. Heating and lighting plant .....	30,000 00	50,000 00	\$ 20,000 00
4. Law Building .....	15,000 00	.....	—15,000 00
5. Gymnasium .....	5,000 00	5,000 00	.....
6. Equipment for mining engineering..	25,000 00	.....	—25,000 00
7. New Armory, heating, lighting, flooring, grading, and draining .....	.....	50,000 00	50,000 00
8. Zoölogy Laboratory .....	.....	15,000 00	15,000 00
9. Plant Laboratory .....	.....	15,000 00	15,000 00
10. Addition to book stacks .....	.....	21,000 00	21,000 00
	<u>\$82,000 00</u>	<u>\$163,000 00</u>	<u>\$81,000 00</u>
SECTION 2.			
Ceramics Building .....	\$21,000 00	\$25,000 00	\$4,000 00
SECTION 3.			
1. Purchase of dairy breeds .....	3,500 00	2,250 00	—1,250 00
2. Purchase of beef breeds .....	3,500 00	2,000 00	—1,500 00
3. Purchase of horses .....	10,000 00	2,500 00	—7,500 00
4. Purchase of sheep .....	1,000 00	1,000 00	.....
5. Purchase of swine .....	1,000 00	1,000 00	.....



II. BUILDINGS BILL—*Concluded.*

	1911-13.	1913-15.	Increase.
6. Farm Mechanics Laboratory .....	\$3,500 00	.....	\$—3,500 00
7. Nutrition Laboratory .....	.....	\$4,500 00	4,500 00
8. Agronomy Laboratory .....	.....	3,750 00	3,750 00
Total for sections 2 and 3.....	\$43,500 00	\$42,000 00	\$—1,500 00
SECTION 4—AGRICULTURAL BUILDINGS.			
1. Animal Husbandry Building.....	80,000 00	.....	—80,000 00
2. Glasshouses .....	30,000 00	.....	—30,000 00
3. Agronomy greenhouses .....	9,000 00	.....	—9,000 00
4. Enlarging Farm Mechanics Building .....	8,000 00	.....	—8,000 00
5. Dairy Investigations Barn.....	10,000 00	.....	—10,000 00
6. Sheep Building .....	2,000 00	.....	—2,000 00
7. Cold Storage Building.....	9,000 00	.....	—9,000 00
8. Clinic Building .....	5,000 00	.....	—5,000 00
9. Completing Animal Husbandry Building .....	.....	25,000 00	25,000 00
10. Horticulture Field Laboratory.....	.....	30,000 00	30,000 00
11. Glasshouses .....	.....	18,000 00	18,000 00
12. Experiment Feeding Plant.....	.....	10,000 00	10,000 00
13. Farmhouse .....	.....	4,500 00	4,500 00
	\$153,000 00	\$87,500 00	\$—65,500 00
SECTION 5—OTHER BUILDINGS.			
1. Armory .....	100,000 00	.....	—100,000 00
2. Engineering Building .....	200,000 00	.....	—200,000 00
3. Commerce Building .....	125,000 00	.....	—125,000 00
4. Woman's Building .....	125,000 00	.....	—125,000 00
5. Residence Hall for Women.....	.....	100,000 00	100,000 00
6. Chemistry Laboratory .....	.....	250,000 00	250,000 00
7. Commerce Building, for administration .....	.....	100,000 00	100,000 00
8. School of Education Building.....	.....	120,000 00	120,000 00
9. Completion of Natural History Building .....	.....	75,000 00	75,000 00
10. Engineering Building .....	.....	100,000 00	100,000 00
	\$550,000 00	\$745,000 00	\$195,000 00
SECTION 6.			
Land .....	20,000 00	200,000 00	180,000 00

## SUMMARY OF REQUESTS.

	1911-13.	1913-15.	Increase.
I. Maintenance and Extension Bill....	\$2,670,800 00	\$3,261,480 00	\$590,680 00
II. Buildings Bill—			
Section 1.....	82,000 00	163,000 00	81,000 00
Sections 2 and 3.....	43,500 00	42,000 00	—1,500 00
Section 4.....	153,000 00	87,500 00	—65,500 00
Section 5.....	550,000 00	745,000 00	195,000 00
Section 6.....	20,000 00	200,000 00	180,000 00
	\$3,519,300 00	\$4,498,980 00	\$979,680 00

## SUMMARY OF INCOME.

Mill tax—\$2,343,673 less 4%—.....	\$2,249,926 00
For biennium .....	4,499,852 00
Requests .....	4,498,980 00

Balance ..... \$872 00

The foregoing list of requests was presented in detail and was discussed item by item at length.

During the progress of this discussion Mr. Meeker withdrew.

After a full and prolonged discussion, on motion of Mr. Grout, it was voted to approve the foregoing address to the General Assembly, and to make requests of the Forty-eighth General Assembly for appropriations for the biennium 1913-1915 as shown above. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Evans, Mr. Grout, Mr. Hatch, Mr. Hoit, Mr. Montgomery, Mr. Moore; noes, none; absent, Mrs. Bahrenburg, Mrs. Busey, Mr. Dunne, Mr. Meeker.

**DESIRABILITY OF MAKING THE PRESIDENT OF THE ILLINOIS FARMERS' INSTITUTE A MEMBER OF THE BOARD EX OFFICIO.**

On motion of Mr. Blair, it was voted that it is the sense of the Board of Trustees that it would be desirable for the law prescribing the membership of the board to be changed so as to make the President of the Illinois Farmers' Institute a member of the Board of Trustees ex officio.

**RESOLUTIONS IN REGARD TO THE SERVICES OF MESSRS. HATCH AND GROUT.**

Mr. Blair moved that a committee be appointed to formulate a suitable expression of the board's appreciation of the distinguished services rendered to the University by Messrs. Hatch and Grout, whose terms expire on March 11, 1913.

This motion was passed unanimously.

At this point Mr. Blair withdrew.

**CROCKER LAND EXPEDITION.**

President James presented for consideration the following statement in regard to an invitation extended to the University to contribute to the expenses of the Crocker Land Expedition, a proposed expedition to the polar regions under the auspices of the American Museum of Natural History and the American Geographical Society.

The purposes of the Crocker Land Expedition are purely scientific. Harvard University, Yale University, several smaller colleges, various scientific societies, and the United States Government through several of its departments, intend to participate. The expedition has received the official endorsement of the Royal Geographical Society of London. Ensign Greene, of the United States Navy, has been detailed by the Federal Government to accompany the expedition. The Federal Government also is supplying the necessary instruments for geographical, meteorological, and similar work. Mr. Donald B. MacMillan has been appointed the scientific leader of the expedition. Mr. Walter Elmer Ekblaw, Assistant in Geology in the University of Illinois, has been appointed a member of the scientific staff. A contribution of \$10,000 is requested from the University. It may be made in three installments, the first \$5,000 and the second and third of \$2,500 each, payable at intervals of one year. The American Museum of Natural History in the city of New York has entire charge of the expedition, and in it will rest the complete ownership of and title to all the scientific results of the expedition. The Museum proposes, however, after the expedition returns (it may be gone for a term of three years), to make such a distribution of the material collected among the contributing institutions as a just consideration of all interests shall demand.

This matter was discussed at some length, but no action was taken.

The board adjourned.

W. L. ABBOTT, *President.*

C. M. McCONN, *Secretary.*

## **Meeting of March 11, 1913.**

---

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 10 A.M., on Tuesday, March 11, 1913.

When the board convened, all the members were present, namely, Mr. Abbott, Mr. Blair, Mrs. Busey, Governor Dunne, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Meeker, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; also Mrs. Bahrenburg and Mr. Hatch, outgoing members of the board, and President James.

### **MINUTES PRESENTED.**

The secretary presented the minutes of the special meeting of March 5, 1913, in manuscript form, the time between this special meeting and the annual meeting have been too short to permit of their presentation in printed form.

On motion of Mr. Dunne, the consideration of the minutes for approval or disapproval was deferred until all the members of the board can be furnished with printed copies.

### **INFORMAL REPORT FROM STUDENTS' WELFARE COMMITTEE.**

The question of unfinished business having been raised, Mrs. Evans presented an informal report (the full report to be presented later) from the Students' Welfare Committee, recommending the transfer of the School of Music from its present quarters in University Hall to the Woman's Building, the improvement of the ventilation in the Physics' Lecture Room, and the improvement of sanitary conditions in other rooms and buildings.

Mrs. Bahrenburg, one of the outgoing members of the board, spoke in behalf of these recommendations.

### **MR. HATCH IN BEHALF OF THE MEDICAL SCHOOL.**

Mr. Hatch, the other one of the outgoing members of the board who was present, being called upon, spoke in behalf of the College of Medicine, emphasizing the importance of the service which this department can render to the State, and bespeaking for it from the Board of Trustees the same care and attention that the other colleges and schools of the University enjoy.

### **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. Abbott was nominated.

On motion of Mr. Dunne, it was voted that nominations be closed.

On motion of Mrs. Busey, it was voted that the secretary be instructed to cast the unanimous ballot of the board for Mr. Abbott; which being done, Mr. Abbott was declared elected, and, having expressed his appreciation of the honor conferred upon him, resumed the chair.

### ELECTION OF SECRETARY AND REGISTRAR.

Mr. C. M. McConn was re-elected Secretary of the Board of Trustees and Registrar for the period of one year.

### ELECTION OF TREASURER.

Nominations for the position of Treasurer of the University for the ensuing biennium having been called for, Mr. Hoit nominated Mr. Henry A. Haugan, of Chicago.

Mr. Trevett nominated Mr. Matthew W. Busey, of Urbana.

Mr. Dunne nominated Mr. William A. Tilden, of Chicago.

There being no further nominations, it was voted, on motion of Mr. Dunne, that nominations be closed.

At this point Mr. Blair offered a resolution that hereafter the Treasurer of the University of Illinois shall be ineligible for re-election.

Mr. Dunne presented the following substitute for Mr. Blair's motion: *Resolved*, That the Treasurer of the University of Illinois, on and after this date, be ineligible for re-election.

The president of the board having ruled that these motions were out of order, on the ground that under the by-laws of the board the business before the board was the election of officers, Mrs. Henrotin moved that the order of business provided for in the by-laws be set aside, in order that Mr. Blair's and Mr. Dunne's motions might be considered. This motion to set aside the order of business was lost.

The board then proceeded to the ballot for the office of treasurer. The president requested Mrs. Busey and Mr. Blair to serve as tellers.

On the first ballot the vote stood as follows: Mr. Busey, 5; Mr. Haugan, 5; Mr. Tilden, 2. On the second ballot the vote stood: Mr. Busey, 6; Mr. Haugan, 5; Mr. Tilden, 1. On the third ballot the vote stood: Mr. Busey, 7; Mr. Haugan, 5. Mr. Busey was accordingly declared elected.

### ELECTION OF MEMBERS OF THE EXECUTIVE COMMITTEE.

The president next called for nominations for two members of the Executive Committee, to constitute with the president of the board the Executive Committee for the ensuing year.

On motion of Mrs. Busey, it was voted that the two nominees receiving the highest number of votes on the first ballot be declared elected.

Mr. Dunne nominated Mr. Trevett.

Mrs. Busey nominated Mr. Moore.

Mr. Moore nominated Mr. Hoit.

On motion of Mrs. Busey, nominations were closed.

The president asked Mrs. Busey and Mr. Blair to serve again as tellers. The ballot being taken, the vote stood as follows: Mr. Trevett, 9; Mr. Moore, 8; Mr. Hoit, 5. Mr. Trevett and Mr. Moore were accordingly declared elected.

### ELECTION OF THE PRESIDENT OF THE UNIVERSITY.

On motion of Mr. Dunne, it was voted to instruct the secretary to cast the unanimous ballot of the board for Dr. Edmund J. James for the position of President of the University for the ensuing biennium at his present salary.

### ELECTION OF CHIEF CLERK IN THE COMPTROLLER'S OFFICE.

On motion of Mrs. Evans, it was voted that Mr. Oren E. Staples be re-elected chief clerk in the office of the comptroller for the period of one year.

### BOND AND RATE OF INTEREST.

On motion of Mrs. Busey, the bond of the treasurer was fixed at two million dollars (\$2,000,000).

On motion of Mr. Meeker, the bond of the chief clerk in the comptroller's office was fixed at twenty thousand dollars (\$20,000), and it was ordered that the cost of the same should be paid by the University. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mr. Dunne, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Meeker, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, none.

On motion of Mrs. Busey, the Finance Committee was directed to secure satisfactory bonds as specified above and to report the same to the board for approval.

After further discussion, on motion of Mr. Dunne, it was voted to reconsider the previous motion directing the Finance Committee to secure the bonds.

Then, on motion of Mr. Dunne, the Executive Committee was directed to secure satisfactory bonds as specified above, and to report the same to the board for approval, and the question of the rate of interest to be paid by the treasurer on balances on deposit to the credit of the University was referred to the Executive Committee for consideration and report.

#### **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.

#### **TREASURER NOT ELIGIBLE FOR RE-ELECTION.**

On motion of Miss Watson, it was voted to amend the first sentence of section 1 of article V of the By-Laws of the Board of Trustees by the addition of the words "and shall not be eligible for re-election to succeed himself"; giving the following reading for the section as a whole:

SECTION 1. The officers of the board shall consist of a president, a recording secretary and a comptroller, who shall be elected for a term of one year, and a treasurer who shall be elected for a term of two years, and shall not be eligible for re-election to succeed himself.

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

At this point Mr. Meeker withdrew.

#### **AUDIT OF ACCOUNTS OF COLLEGE OF PHYSICIANS AND SURGEONS.**

President James presented a report of an audit of the accounts of the College of Physicians and Surgeons of Chicago from July 1, 1912, to March 1, 1913, made by the United States Audit Company.

From this report it appears that the cash on hand February 28, 1913, was \$10,410.85; and the fees receivable, \$15,044.85. As these fees were made up of sums due from students formerly enrolled in the college, it is probable that not more than two-thirds of the sum can be collected; so that the cash and debts due the institution turned over to the University of Illinois on March 1, 1913, amount, roughly speaking, to \$20,000.

The foregoing report of the audit of the accounts of the College of Physicians and Surgeons was received for record.

#### **NEED FOR SUMMER CAMP BY COLLEGE OF ENGINEERING.**

President James presented a request from Dr. W. F. M. Goss, Dean of the College of Engineering, and Dr. Ira O. Baker, Professor of Civil Engineering, to be heard on the subject of the need of the College of Engineering for a summer camp.

It was agreed to hear Dean Goss and Professor Baker on this subject immediately after luncheon and before the opening of the afternoon session.\*

A recess was then taken, for luncheon, until 2:30 p.m.

#### AFTERNOON SESSION, MARCH 11, 1913.

When the board convened at 2:30 p.m., the following members were present: Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; also Mrs. Bahrenburg, an outgoing member of the board. President James was present, and also, during a part of the afternoon, Prof. George E. Frazer, Comptroller.

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

President James presented the following matters for consideration:

##### ENTRANCE REQUIREMENTS OF THE COLLEGE OF MEDICINE RAISED.

(1) The following statement on the subject of the entrance requirements of the College of Medicine:

It is necessary for the Board of Trustees to determine the requirements for admission to the Medical College of the University at the present time, if it wishes to make any changes in the requirements already established.

The minimum requirement thus far in force has been the presentation on the part of the candidate for matriculation of a certificate covering the completion of fifteen units of high school work. The universities of Indiana, Michigan, Wisconsin, Minnesota, Iowa and Missouri require for admission to the medical courses the completion of at least two years' work in a college of liberal arts and sciences, including in such work certain prescribed courses in chemistry, physics, biology and foreign language. The American Medical Association at its meeting in June, 1912, voted that it would not admit to the first division in its classified list any medical college which did not, after January 1, 1914, require at least one year of college credit in chemistry, biology, physics and modern language, or, in lieu of this, two or more years of work in a college of liberal arts, in addition to an accredited four-year high school course.

The Association of American Medical Colleges, at its meeting held in Chicago in February, adopted as a minimum requirement essentially the same standard as that accepted by the American Medical Association.

Dr. Montgomery moved that candidates for admission to the College of Medicine in September, 1913, be required to present, in addition to 15 units of high school work, at least one year of college work in a college or university of recognized standing; and that students entering the College of Medicine in September, 1914, and thereafter, be required to present, in addition to 15 units of high school work, at least two years of college work in a college or university of recognized standing.

After prolonged discussion, this motion of Dr. Montgomery's was adopted unanimously.

##### SUBSCRIPTION FOR CROCKER LAND EXPEDITION.

(2) A request that the Board of Trustees should hear Mr. Walter Elmer Ekblaw, Assistant in Geology, who has been chosen to go as a scientific expert with the Crocker Land Expedition to the arctic regions, upon the desirability of the University's making an appropriation in support of this expedition.

Mr. Ekblaw was heard, and gave a full account of the proposed expedition.

In this connection President James submitted the following additional statement and suggestion:

Dean David Kinley, on the occasion of a recent visit to New York City, held a conference with Mr. Edmund Otis Hovey, chairman of the committee in charge of this Crocker Land Expedition. Upon his return he received the following letter from Mr. Hovey, which explains itself:

\* Before the regular opening of the afternoon session of the board, the members listened to a presentation of this matter by Professor Baker. His recommendation is that the University purchase a plot of ground containing from fifteen hundred to two thousand acres, in some convenient place where land can be obtained cheaply, for the purpose of providing an adequate field laboratory for the department of civil engineering.

NEW YORK, 27 February, 1913.

MY DEAR DR. KINLEY: Inasmuch as you are now probably on your way out to Urbana, I wish to submit the following memoranda with reference to our conference of last Saturday.

*Firstly*—President Osborn's letter of 14 February addressed to you together with the documents which accompanied it are probably a sufficiently clear statement of the present organization and the plans of the expedition, taken into consideration with the statement in the December American Museum Journal, a copy of which was given you by me; except as to the particular ship which is to take the party northward, because we have not yet come to a satisfactory conclusion of our conferences with the owners of the "Roosevelt."

*Secondly*—The proposed cooperation of the University of Illinois in the expedition will be most highly appreciated and gratefully accepted by the organizing institutions, not only on account of the substantial pecuniary subscription proposed, but also and more on account of the fact that this cooperation emphasizes the national character of the support that the expedition is receiving.

The institutions already concerned in the enterprise are:

American Museum of Natural History.  
American Geographical Society of New York.  
Yale University.

United States Government through:

The Navy Department.

The Weather Bureau.

The Coast and Geodetic Survey.

The U. S. Geological Survey (through assistance in special training of members of the expedition.)

Carnegie Institution (Terrestrial Magnetism.)

Harvard University.

Museum of Comparative Zoölogy.

Brooklyn Institute of Arts and Sciences.

New York Academy of Sciences.

Georgetown University.

Colgate University.

Bowdoin College.

Worcester Academy.

Besides this I may say that the Royal Geographical Society of London has given its official endorsement to the expedition.

*Thirdly*—The proposed contribution of \$10,000 from the University of Illinois may be paid in three installments as follows:

Five thousand dollars this year as soon as may be convenient.

Twenty-five hundred dollars before 1 July, 1914.

Twenty-five hundred dollars before 1 May, 1915.

*Fourthly*—The organizing institutions would be very much pleased to add the name of the University of Illinois to its list of institutions mentioned on its letter-heads, and to have the University represented on the Honorary Committee. They certainly would have no objection to the addition of Professor Bayley to the committee in charge, if the University so desire, although they feel that the resident members of that committee must be left free to act in urgent matters without waiting for the vote of the non-resident member.

*Fifthly*—The subscription of the University of Illinois will provide for the employment of an additional scientific member of the expedition party—this member to be selected with a view to the needs of the expedition as determined by the committees and the scientific leader, Mr. D. B. McMillan.

*Sixthly*—In accordance with the arrangements made with all the present contributors and the members of the expedition party, all the personal diaries and scientific notes, all the original negatives and all the material collected upon the expedition are to come to the American Museum of Natural History, and the Museum will distribute the results to the contributing institutions in as equitable manner as is practicable, endeavoring to satisfy the peculiar needs of everyone as far as it lies in its power to do so. This is to say, the Museum retains primary control and conservation of the data obtained by the party.

In this connection, it should be stated that the first popular results (magazine articles, books, lectures) of the expedition are already pledged to Mr. MacMillan, and the first publication of the strictly geographical results are pledged to the American Geographical Society.

I may also note, however, that it is reasonable for the University of Illinois to expect to receive as tangible outcome specimens of walrus, seal, caribou, musk oxen, hare, polar bear, birds, and ethnological material from the northern Eskimo. It is not desirable to make any special assignment of the material collected by any one member of the party, it being considered better for the interests of all concerned to pool all the material collected and determine the distribution after the return of the party to New York.

*Seventhly*—The tourists that go with the ship will return with the ship. They are under contract to surrender to the leader of the expedition for the purposes thereof all material obtained on the northward journey and up to the time that the ship leaves on its return, as far as such material may be required by the expedition.

Very truly yours,

E. O. HOVEY, *In Charge.*

It appears from these various statements that this expedition, organized for purely scientific purposes, is going out with every prospect of success, humanly speaking, and that if the University of Illinois should join in this it might reasonably count upon such an accession to its mineralogical, geological, and natural history collection as would justify the expenditure.

All our leading universities have utilized this method of either combining with other institutions in sending out scientific expeditions or equipping scientific expeditions on their own account for the purpose of making scientific collections as the most efficient method of building-up the requisite material for instruction in the various scientific departments.

Of course one cannot tell what might happen to an Arctic expedition. Shipwreck might come to all the members of the party, and the terrible example recently furnished in the Antarctic region might well make us hesitate before relying too confidently upon the success of this new polar expedition. But the purpose of this expedition is not to get to the pole or to seek the pole or anything of the kind, but is to carry on scientific work within the Arctic circle, and it looks as if all contingencies had been as carefully provided for as human skill can make possible.

Under the circumstances, I think it would be perfectly legitimate action on the part of the trustees to make this requested subscription of ten thousand dollars (\$10,000) toward this expedition, provided we can be assured of a fair distribution of the proceeds of the expedition. Personally I should wish to have a little more certainty on this point than is given thus far in the communications we have had from the managing committee.

The sum might be charged either to the funds of the Graduate School or to the fund for cabinets and collections.

On motion of Mr. Blair, it was voted that the President of the University be authorized to subscribe on behalf of the University the sum of ten thousand dollars (\$10,000) toward the expenses of the Crocker Land Expedition, provided that the Executive Faculty of the Graduate School recommend that this subscription be made; and, provided, further, that the President of the University approve of the guarantees offered by the Crocker Land Expedition concerning the distribution of such scientific material as may be obtained. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Meeker.

#### ENDORSEMENT REQUESTED FOR WATER SURVEY BILL.

(3) A request from Dr. Edward Bartow, Director of the State Water Survey, that the board endorse a bill to be introduced in the General Assembly, providing for appropriations for the Water Survey, additional to the appropriations included in the University bill.

At the last session of the Legislature a bill providing for appropriations to the amount of fifteen thousand dollars (\$15,000) per annum, which should be used under the direction of the Water Survey of the University for the purpose of making a study of the water supplies of the State, received the general approval of the University trustees, and the bill was passed and the appropriation made. The request here is for a general approval of the same kind of a bill, not a request to insert this amount in the askings of the University for the Water Survey.

Professor Bartow was heard on this matter, and gave a full account of the work of the Water Survey during the past biennium and a statement of what has been accomplished with its appropriations.

No action was taken in regard to this matter.

At this point Messrs. Blair and Montgomery withdrew.

#### DELEGATION OF SIGNING OF WARRANTS.

(4) The following letter from Professor George E. Frazer, Comptroller, suggesting a change in the present procedure with reference to the signing of warrants for the payment of salaries of permanent employees of the University.

URBANA, ILL., March 11, 1913.

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

DEAR SIR: Your attention is respectfully called to the present procedure in the signing of warrants for the payment of salaries of permanent employees of the University. Under the present procedure, approximately 680 salary warrants are signed personally each month by the President of the Board and by the Secretary of the Board. I respectfully suggest that the President and Secretary of the Board of Trustees be authorized by the board to designate employees of the University to sign their names to regular salary warrants. I am informed by the legal counsel of the University that such a procedure will be valid legally.

Very truly yours,

GEO. E. FRAZER, *Comptroller.*

On motion of Mrs. Evans, the foregoing recommendation of the comptroller's was approved.

#### TRANSFER OF FUNDS, COLLEGE OF AGRICULTURE.

(5) A request from Dr. Eugene Davenport, Dean of the College of Agriculture, that the sum of five thousand dollars (\$5,000), from the amount appropriated



by the Board of Trustees in the budget for the current year to the Department of Agricultural Extension, be transferred to the account of the Department of Dairy Husbandry; two positions which were provided for in the budget of the Department of Agricultural Extension could not be filled because suitable men could not be found, and it is possible, therefore, to transfer the amount named to the Department of Dairy Husbandry, which needs the funds.

On motion of Mr. Hoit, the foregoing request of Dean Davenport was approved.

#### SUMMER SESSION OF THE COLLEGE OF MEDICINE.

(6) A recommendation that the Dean of the College of Medicine be authorized to conduct a summer session of the College of Medicine on the general lines of former summer sessions, and at an expense not to exceed the estimated income from the fees of the students of the summer session.

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

#### BILL FOR ADDITIONAL PLANS FOR THE ARMORY.

(7) A bill from Mr. W. Carby's Zimmerman, State Architect, for professional services rendered in the preparation of additional plans for the new Armory (actual time and materials), three hundred ninety-one dollars and twenty cents (\$391.20); these additional plans having been ordered by vote of the Board of Trustees at the meeting of July 13, 1912 (p. —), and the plans having now been drawn and being in the possession of the supervising architect.

On motion of Mrs. Henrotin, it was voted to authorize the payment of this bill, when approved by the Supervising Architect. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Meeker, Mr. Montgomery.

#### APPOINTMENT TO DEANSHIP OF THE COMBINED COLLEGE OF LIBERAL ARTS AND SCIENCES.

(8) A recommendation that the President of the University be authorized to appoint Dr. Kendrick Charles Babcock, Specialist in Higher Education of the Bureau of Education, Washington, D. C., as Dean of the Combined College of Liberal Arts and Sciences, at a salary of five thousand dollars (\$5,000) per annum, work and salary to begin as soon as Dr. Babcock reports for duty.

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

#### APPOINTMENT TO PROFESSORSHIP OF BOTANY.

(9) A recommendation that the President of the University be authorized to appoint Dr. William Trelease as Professor of Botany and head of the Department of Botany, at a salary not to exceed five thousand dollars (\$5,000) per annum, work and salary to begin as soon as Dr. Trelease reports for duty.

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

#### STATEMENT ON THE SUBJECT OF CIVIL SERVICE.

(10) The following statement on the subject of civil service at the University: As the members of the Board of Trustees are aware, the University was put under the general provisions of the State-wide civil service law by the action of the last Legislature.

I believe that all the officers of the University have attempted to carry out in good faith the provisions of this law.

I believe, moreover, that the State Civil Service Commission has shown a willingness to meet the wishes of the University, so far as they felt they could do so in accordance with the provisions of the law.

I have no doubt myself that if we are going to secure efficiency, as well as the elimination of politics from the State service, the law will have to be amended in important particulars, but certainly no individual officer of the State and no public board of the State can afford to do anything which would justly incur the charge of being opposed to an efficient merit system.

We believe we have had such a system in the University for the past twenty years at any rate, and we believe that the present law has rather interfered with the efficiency of that system than helped it. But the same reasons which led the board to favor including the University under the provisions of the general law still hold.

Dean Davenport expressed very well in his address to the board the difficulties and annoyances which the execution of this law, with the very best intent on the part of the State Commission, has inflicted upon the University, and I presume that every administrative officer who has had to deal with the situation has had much the same feeling as Dean Davenport.

All that we desire, however, is to make our merit system of appointment as efficient as possible.

For the further discussion of this question I appointed a committee consisting of Dean O. A. Harker, Legal Counsel of the University; Mr. C. M. McConn, Secretary of the Board, who has had charge of the actual administration of the State Civil Service Law in the University; Professor George E. Frazer, Comptroller, and Professor J. A. Fairlie and Professor W. F. Dodd, members of the Department of Political Science, and asked them to give me a report, after a full investigation, as to what it is desirable for the University to do in the matter.

The foregoing statement was received for record.

The board adjourned.

W. L. ABBOTT, *President*.

C. M. McCONN, *Secretary*.

#### MEETING OF THE EXECUTIVE COMMITTEE, MARCH 11, 1913.

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, immediately following the adjournment of the afternoon session of the annual meeting of the board on Tuesday, March 11, 1913.

There were present: Messrs. Abbott and Trevett, members of the Executive Committee; Mr. Hoit, member of the board, and President James.

#### APPROPRIATIONS FROM CURRENT FUNDS.

President James presented a recommendation from Professor George E. Frazer, Comptroller, that the following assignments be made from the current funds of the University to the accounts indicated:

Buildings and grounds .....	\$5,000 00
Office of supervising architect .....	500 00
Labor .....	4,500 00
Total .....	\$10,000 00

This recommendation was approved.

The Executive Committee adjourned.

W. L. ABBOTT, *Chairman*.

C. M. McCONN, *Clerk*.

## Meeting of April 4, 1913.

A special meeting of the Board of Trustees of the University was held at the Blackstone Hotel, in the city of Chicago, on Friday, April 4, 1913, beginning at 12 m., pursuant to the following notice which was sent out by the secretary on March 28, 1913:

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 the city of Chicago, on Friday, April 4, 1913, beginning at 12:00 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: Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Meeker, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson. President James was present.

### MINUTES APPROVED.

The secretary presented the minutes of the special meeting of March 5, 1913, and of the annual meeting of March 11, 1913, both of which, on motion of Mrs. Henrotin, were approved.

### REPORT OF AUDIT COMPANY.

The secretary presented a report from the United States Audit Company of Chicago, of an audit of the books and accounts of the University for the quarter ending December 31, 1912. This report was received to be printed, the accompanying exhibits and schedules to be filed.

February 6, 1913.

*A. P. Grout, Esq., Chairman Finance Committee, University of Illinois, Winchester, Ill.*

DEAR SIR: Agreeably to your request, we have made an audit of the books and accounts of the University of Illinois for the second quarter of the fiscal year as ended December 31, 1912.

On the several statements, as enumerated on the index prefixed hereto, we present full details of the cash receipts and disbursements.

We reconciled the chief clerk's cash account on the morning of January 20, 1913, proved the cash book footings from October 23, 1912, to January 20, 1913, verified the cash in the office by count, and examined and proved the footings of the approved and receipted vouchers in process of entry. The first National Bank of Champaign gave us a letter, certifying as to the cash on deposit at January 20, 1913, amount being \$12,050.69.

Summarized, the chief clerk's cash account is as follows:

Balance on hand October 23, 1912.....	\$13,357 59
Receipts from various sources.....	31,065 56

\$44,423 15

Deduct—Remittance to treasurer.....	29,696 04
-------------------------------------	-----------

Balance on hand January 20, 1913.....	<u>\$14,727 11</u>
---------------------------------------	--------------------

Made up as follows—

Currency .....	\$ 1,019 00
Coin .....	43 08
Checks for deposit .....	1,298 98
First National Bank balance .....	<u>12,050 69</u>

Total cash .....	\$14,411 75
------------------	-------------

Vouchers in process of entry .....	215 36
------------------------------------	--------

Loans .....	<u>100 00</u>
-------------	---------------

\$14,727 11

In the cash statement following, we present in total the general cash transactions for the second quarter, as represented by the cash book and warrant register, beginning with the general cash balance as of September 30, 1912:

Treasurer's balance .....	\$623,722 17
Chief clerk's balance .....	15,288 55
	<hr/>
<i>Add</i> —Cash receipts (Exhibit "A") .....	\$639,010 72
	38,381 70
	<hr/>
<i>Deduct</i> —Cash disbursements (Exhibit "B") .....	\$677,392 42
	603,941 79
	<hr/>
	<u>\$73,450 63</u>

*Made up as follows—*

Treasurer's balance .....	\$54,350 22
Chief clerk's balance .....	19,100 41
	<hr/>
	<u>\$73,450 63</u>

We compared all warrants paid during the quarter with the treasurer's record, and obtained a certification from the State Bank of Chicago that the balance of cash on deposit to the credit of the treasurer at the close of business December 31, 1912, was \$177,451.34.

We proved the footings of the warrant register, summer session fee book, verified all postings to the general ledger; and examined the receipted bills, and compared them with all the vouchers.

The following is a reconciliation of the treasurer's account with the books of the University as at December 31, 1912:

Treasurer's balance, per University books .....	\$ 54,350 22
<i>Add</i> —Unpaid warrants (Schedule "5") .....	123,041 13
Item of pharmacy receipt not entered on University books .....	60 00
	<hr/>
	<u>\$177,451 35</u>

*Made as follows—*(Schedule "6")—

General fund .....	\$158,980 43
College of Medicine fund .....	4,888 22
U. S. Agricultural Experiment Station fund .....	7,835 19
School of Pharmacy fund .....	5,747 50
Difference .....	1
	<hr/>
	<u>\$177,451 35</u>

We are pleased to report favorably on the accuracy of the clerical work.

Yours very truly,

UNITED STATES AUDIT CO.,

Supervised by:

WHITNEY B. FLERSHEM,  
Certified Public Accountant.

HENRY L. HERTZ, President.

## REPORT OF FEES.

The secretary presented the registrar's report of fees due from the students of the University at Urbana for the first semester of the year 1912-1913 as follows:

Matriculation Fees—		Gross.	Refund.	Net total.
952 @ \$10.00 .....		\$9,520 00	\$610 00	\$8,910 00
1 @ 2.50 (balance) .....		2 50		2 50
		<hr/>		
Total matriculation fees .....		\$ 9,522 50	\$ 610 00	\$ 8,912 50
Incidental Fees—				
2773 @ \$12.00 .....		33,276 00	1,620 00	31,656 00
8 @ 6.00 (one-half) .....		48 00	174 00	—126 00
		<hr/>		
Total incidental fees .....		\$33,324 00	\$1,794 00	\$31,530 00
Tuition Fees—				
511 @ \$ 7.50 .....		3,832 50	450 00	3,382 50
4 @ 3.75 (one-half) .....		15 00	37 50	—22 50
115 @ 25.00 (law) .....		2,875 00	50 00	2,825 00
3 @ 12.50 (one-half, law) .....		37 50	50 00	—12 50
18 @ 5.00 (courses, law) .....		90 00		90 00
		<hr/>		
Total tuition .....		\$6,850 00	\$587 50	\$6,262 50
Music Fees—				
2 @ \$ 3.00 .....		6 00	3 00	3 00
1 @ 3.25 .....		3 25		3 25
1 @ 4.25 .....		4 25		4 25
1 @ 5.00 .....			5 00	—5 00
1 @ 6.50 .....		6 50		6 50
7 @ 7.50 .....		52 50	7 50	45 00
51 @ 8.50 .....		433 50	17 00	416 50
1 @ 9.00 .....		9 00		9 00
15 @ 11.00 .....		165 00	11 00	154 00
1 @ 14.50 .....		14 50		14 50

Music Fees— <i>Concluded</i> —		Gross.	Refund.	Net total.
18 @ 15.00	.....	\$270 00	.....	\$270 00
10 @ 19.50	.....	195 00	.....	195 00
3 @ 25.00	.....	75 00	.....	75 00
1 @ 32.50	.....	32 50	.....	32 50
Total music fees		\$1,267 00	\$43 50	\$1,223 50
Total general fees		\$50,963 50	\$3,035 00	\$47,928 50
Laboratory Fees—				
Architecture	.....	456 50	10 00	446 50
Botany	.....	628 50	108 00	520 50
Ceramics	.....	60 00	2 50	57 50
Chemistry	.....	8,858 00	548 50	8,309 50
Civil engineering	.....	381 00	6 50	374 50
Electrical engineering	.....	636 00	23 50	612 50
Entomology	.....	123 50	6 00	117 50
General engineering drawing	.....	88 00	4 50	83 50
Geology	.....	217 00	17 88	199 12
Household science	.....	255 00	9 00	246 00
Mechanical engineering	.....	234 00	3 00	231 00
Municipal and San. engineering	.....	58 00	.....	58 00
Physics	.....	944 00	30 00	914 00
Physiology	.....	224 00	3 50	220 50
Psychology	.....	4 00	.....	4 00
T. & A. mechanics	.....	574 00	15 00	559 00
Zoölogy	.....	361 00	16 25	344 75
Total laboratory fees		\$14,102 50	\$804 13	\$13,298 37
Listener's Fees—				
14 @ \$7.50	.....	105 00	.....	105 00
Special Examination Fees—				
101 @ \$5.00	.....	505 00	5 00	500 00
Late Registration Fees—				
115 @ \$1.00	.....	115 00	1 00	114 00
Change Fees—				
237 @ \$1.00	.....	237 00	.....	237 00
Diploma fee (\$5.00)	.....	5 00	.....	5 00
Total special fees		\$967 00	\$6 00	\$961 00
Total fees		\$66,033 00	\$3,845 13	\$62,187 87

The secretary presented the following reports from President Abbott, all of which were received to be printed in the minutes:

#### DEED AND BILL OF SALE FROM THE COLLEGE OF PHYSICIANS AND SURGEONS.

(1) A report of the receipt of a deed of the lands and buildings owned by the College of Physicians and Surgeons, and a bill of sale of the equipment in the buildings:

March 10, 1913.

*Mr. C. M. McConn, Secretary University of Illinois, Urbana, Ill.*

DEAR SIR: On March 6 I received from Dr. D. A. K. Steele a deed of the lands and buildings owned by the College of Physicians and Surgeons and a bill of sale of the equipment in the buildings, transferring this property to the University. These documents I delivered to Treasurer Haugan for safe keeping, and I hold his receipt for the same.

Very truly yours,  
W. L. ABBOTT.

#### RESIGNATIONS OF THE DIRECTORS OF THE COLLEGE OF PHYSICIANS AND SURGEONS ACCEPTED.

(2) A report of the acceptance of the resignations of the members of the Board of Directors of the College of Physicians and Surgeons:

March 17, 1913.

*Mr. C. M. McConn, Secretary, University of Illinois, Urbana, Ill.*

DEAR SIR: The resignations of all members of the Board of Directors of the College of Physicians and Surgeons, which were tendered under date of February 1, have been accepted, as shown by the attached letter to Judge Harker.

Very truly yours,  
W. L. ABBOTT.

[ENCLOSURE.]

March 17, 1913.

*Judge O. A. Harker, Counsel, University of Illinois, Urbana, Ill.*

DEAR SIR: At my request Dr. Steele, President of the Board of Directors of the College of Physicians and Surgeons, has accepted the resignations of the other

members of the board, and I have accepted his resignation, as shown by the correspondence attached.

You, I believe, are custodian of the letters in which these resignations were tendered. Please file this letter with its attached correspondence with the resignations referred to.

Very truly yours,  
W. L. ABBOTT.

#### REPORT OF INSPECTION FOR PERSONAL HAZARDS.

(3) A report of the completion of the inspection of University property for conditions which might constitute personal hazards (authorized by the Executive Committee on February 1, 1913, page —):

March 22, 1913.

*Mr. C. M. McConn, Secretary, University of Illinois, Urbana, Ill.*

DEAR SIR: At a recent meeting of the board I was authorized to have an inspection made of the University property for the purpose of discovering any conditions which may exist which might constitute personal hazards.

This report has now been finished, and two copies of the same are being forwarded to the supervising architect.

Very truly yours,  
W. L. ABBOTT.

#### STANDING COMMITTEES.

The secretary presented for record a list of the standing committees of the board for the year 1913-1914, appointed by President Abbott on March 26, 1913:

##### *Buildings and Grounds.*

William L. Abbott, Chairman; Francis G. Blair, Mary E. Busey, Laura B. Evans, Allen F. Moore.

##### *Finance.*

Allen F. Moore, Chairman; Otis W. Hoit, John R. Trevett.

##### *Engineering.*

Arthur Meeker, Chairman; William L. Abbott, John R. Trevett.

##### *Agriculture.*

Otis W. Hoit, Chairman; Arthur Meeker, John T. Montgomery.

##### *College of Medicine and School of Pharmacy.*

John T. Montgomery, Chairman; William L. Abbott, Ellen M. Henrotin.

##### *Students' Welfare.*

Laura B. Evans, Chairman; Mary E. Busey, Ellen M. Henrotin, Florence E. Watson.

##### *Instruction.*

Francis G. Blair, Chairman; Ellen M. Henrotin, Florence E. Watson.

##### *Library.*

Mary E. Busey, Chairman; Laura B. Evans, Florence E. Watson.

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

The secretary presented also for record the following report of appointments made to fill vacancies in positions created by the Board of Trustees:

Babcock, Kendric Charles, Dean of the College of Liberal Arts and Sciences, at a salary of five thousand dollars (\$5,000) per annum, work and salary to begin as soon as he reports for service. (April 2, 1913.)\*

Clanton, Edna M., Stenographer in the Office of the Water Survey, at a salary of fifty dollars (\$50) a month, beginning March 3, 1913, and continuing until further notice or until June 30, 1913. (April 2, 1913.)

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

Mathers, Jennie A., Stenographer in the Office of the College of Literature and Arts, at a salary of fifty dollars (\$50) a month, from March 1, 1913, until further notice or until August 31, 1913. (April 2, 1913.)

Scott, Edna Lyman, Lecturer in the Library School, for five weeks beginning April 7, 1913, at a remuneration for the period named of two hundred fifty dollars (\$250). (March 14, 1913.)

Sharp, Bertha, Catalog Assistant in the Library, for seven months beginning February 1, 1913, at a salary of fifty-five dollars (\$55) a month, vice Flora M. Case, resigned. (March 13, 1913.)

Yensen, Trygve D., transferred from the position of Assistant in the Engineering Experiment Station and Administrative Assistant to the Director of the Engineering Experiment Station, at a salary of one hundred fifty dollars (\$150) a month, to that of Assistant in Electrical Engineering in the Engineering Experiment Station, at a salary of one hundred dollars (\$100) a month, from April 1, 1913, until August 31, 1913. (March 18, 1913.)

### ADDRESS TO THE GENERAL ASSEMBLY CONCERNING THE MEDICAL SCHOOL.

President James presented the draft of an address to the General Assembly in the matter of the College of Medicine, entitled "Memorandum Concerning the College of Medicine of the University of Illinois."

On motion of Mr. Montgomery, it was voted unanimously to endorse this address and to authorize the President of the University to send copies of it to the members of the General Assembly.

At this point Mr. Meeker withdrew.

### MINUTES OF THE EXECUTIVE COMMITTEE MEETING, APRIL 4, 1913.

The secretary presented the following report of a meeting of the Executive Committee, held just prior to the meeting of the board:

CHICAGO, April 4, 1913.

*To the Board of Trustees of the University of Illinois.*

Your Executive Committee held a meeting on this date at the Blackstone Hotel in Chicago. All of the members were present, namely: Messrs. Abbott, Moore, and Trevett; also Mr. M. W. Busey, Treasurer, and President James.

### TREASURER'S BOND; RATE OF INTEREST.

The treasurer's bond was presented, together with the following letter from Mr. Busey:

CHICAGO, April 4, 1913.

*Chairman of the Board of Trustees, University of Illinois, Urbana, Ill.:*

If my bond is accepted and I am elected treasurer, I hereby agree to pay the University interest on daily balances at the rate of two per cent (2%) on the funds coming into my hands.

Yours truly,  
M. W. BUSEY.

[BOND.]

Know all men by these presents, that we, Matthew W. Busey, as principal, and George W. Busey, John W. Busey, James B. Busey, Ulysses G. Swearingen, John L. Black, George M. Johnson, Albert J. Kirkpatrick, John P. Hudson, John T. White, John W. Stipes, A. B. Smith, F. M. Marriott, Jacob M. Smith, John A. Edwards, Wm. I. Saffell, Frank D. Willard, as sureties, are held and firmly bound into the University of Illinois, of Urbana, in the county of Champaign, State of Illinois, in the sum of two million dollars (\$2,000,000) 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 14th day of March, A.D. 1913.

The consideration of this obligation is such that whereas the above bounden, Matthew W. Busey, was on the 11th day of March, A.D. 1913, duly elected to the office of treasurer of the University of Illinois, for a period ending on the 11th day of March, A.D. 1915, or until his successor shall be appointed and qualified, and is about to assume the duties of said office.

Now, if the said Matthew W. Busey 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 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

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.

Matthew W. Busey,  
George W. Busey,  
F. M. Marriott,  
John J. White,  
George M. Johnson,  
Ulysses G. Swearingen,

John W. Stipes,  
A. B. Smith,  
John W. Busey,  
James B. Busey,  
Albert J. Kirkpatrick,  
John L. Black,

John T. Hudson,  
Jacob M. Smith,  
John A. Edwards,  
Wm. I. Saffell,  
Frank D. Willard.

STATE OF ILLINOIS,  
COUNTY OF CHAMPAIGN, } ss.

I, Garrett H. Baker, a notary public in and for said county, in the State aforesaid, do hereby certify, that Matthew W. Busey, George W. Busey, John W. Busey, James B. Busey, Ulysses G. Swearingen, John L. Black, George M. Johnson, Albert J. Kirkpatrick, John P. Hudson, John T. White, John W. Stipes, A. B. Smith, F. M. Marriott, Jacob M. Smith, John A. Edwards, Wm. I. Saffell, Frank D. Willard, 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 14th day of March, 1913, A.D.

(Notary's Seal.)

GARRETT H. BAKER,

Notary Public.

It was voted to recommend to the Board of Trustees the approval of Mr. Busey's bond as offered, and also the acceptance of his proposition to pay the University interest on daily balances at the rate of 2 per cent (2%).

#### WARRANTS TO BE PAYABLE IN BOTH URBANA AND CHICAGO.

The chairman presented the following letter from Mr. M. W. Busey, Treasurer:  
March 22, 1913.

*The Executive Committee of the Board of Trustees, University of Illinois.*

GENTLEMEN: If there is no objection on the part of the Board, the warrants of the University will be made payable both at Busey's Bank, Urbana, and at the Continental and Commercial National Bank of Chicago. The comptroller assures me that this will be a very great convenience to the University, because of the location of several departments in Chicago.

Yours truly,

M. W. BUSEY, Treasurer.

The arrangement proposed in the foregoing letter from Mr. Busey was approved.

#### WARRANTS ALREADY DRAWN AGAINST MR. HAUGAN TO BE TAKEN UP BY THE STATE BANK.

The chairman presented the following letter from Mr. M. W. Busey, Treasurer:  
March 22, 1913.

*The Executive Committee of the Board of Trustees, University of Illinois.*

GENTLEMEN: If there is no objection, the treasurer will arrange with the State Bank of Chicago to take up warrants already drawn against H. A. Haugan, but still outstanding.

Yours truly,

M. W. BUSEY, Treasurer.

The arrangement proposed in the foregoing communication from Mr. Busey was approved.

#### LOCAL RECEIPTS TO BE DEPOSITED WITH THE TREASURER.

The chairman presented the following letter from Mr. M. W. Busey, Treasurer:  
March 22, 1913.

*The Executive Committee of the Board of Trustees, University of Illinois.*

GENTLEMEN: As the Treasurer of the University of Illinois, permit me to make the following recommendation pertaining to this office:

In my examination of the records of your business office and the reports of your comptroller, I find that the funds of the University are now being carried in several different accounts, some of which do not go through the treasurer's office. Now that the treasurer is virtually located at the University, I would therefore respectfully recommend:

That all local receipts of the University coming from any of its departments in Urbana or Champaign be deposited directly with the University treasurer by the chief clerk, and that the comptroller and treasurer be authorized to effect such changes in procedure as may be necessary, provided that any change in the rules of the board shall be submitted to the board for approval.

The above method of procedure would facilitate the work of both the comptroller and the treasurer.



Further, as to the receipts of the departments of the University located at Chicago, the comptroller and treasurer have agreed that all receipts derived therefrom be deposited with the Continental and Commercial National Bank of Chicago, to the credit of Busey's Bank of Urbana, for the use of M. W. Busey, Treasurer, said Chicago bank to issue duplicate receipts for each deposit, one receipt to be retained by the depositor, and the other forwarded by him direct to the comptroller for his files.

Yours truly,

M. W. BUSEY, *Treasurer.*

The plan proposed in the foregoing communication from Mr. Busey was approved.

#### NOTICE OF MR. BUSEY'S ELECTION AS TREASURER.

It was voted to recommend to the board that Mr. Haugan be notified that Mr. M. W. Busey has been elected and qualified as Treasurer of the University, and that Mr. Haugan be directed to turn over to Mr. Busey all funds, books, and securities belonging to the University, accepting therefor the receipt of Mr. Busey.

#### AUDIT OF EX-TREASURER'S ACCOUNTS.

It was voted also to recommend to the board that the Finance Committee be directed to have an audit made of the accounts of the outgoing treasurer.

#### EXECUTIVE COMMITTEE AUTHORIZED TO APPROVE THE CHIEF CLERK'S BOND.

It was voted also to recommend to the board that the Executive Committee be authorized to approve the bond of the chief clerk.

The committee adjourned.

W. L. ABBOTT,  
ALLEN F. MOORE,  
J. R. TREVETT,

*Executive Committee.*

C. M. McCONN, *Clerk.*

On motion of Mrs. Busey, it was voted to approve the recommendation of the Executive Committee that the bond of Mr. Busey be approved as offered, and that his proposition to pay 2 per cent on daily balances be accepted.

It was also voted, on motion of Mr. Montgomery, to approve the further recommendations of the Executive Committee, namely:

(1) That Mr. Haugan be notified that Mr. Busey has been elected and qualified as treasurer, and be directed to turn over to Mr. Busey all funds, books, and securities belonging to the University, accepting therefor Mr. Busey's receipt;

(2) That the Finance Committee be directed to have an audit made of the accounts of the outgoing treasurer; and

(3) That the Executive Committee be authorized to approve the chief clerk's bond.

#### DOCTOR MOOREHEAD ON THE REORGANIZATION OF THE COLLEGE OF DENTISTRY.

President James presented a request from Dr. Frederick B. Moorehead, of Chicago, formerly Professor of Oral Surgery in the College of Dentistry, and Chairman of the Alumni Committee on the Reorganization of the College of Dentistry, to be heard by the trustees with reference to the reorganization of that college.

Dr. Moorehead was introduced and was heard on this matter.

On Mrs. Henrotin's motion, it was voted that the question of the advisability of re-opening the College of Dentistry be referred to the Committee on the College of Medicine and the School of Pharmacy for consideration and report.

After further discussion, Mrs. Henrotin moved the reconsideration of the motion just previously passed, referring the question of the advisability of re-opening the College of Dentistry to the Committee on the College of Medicine and the School of Pharmacy for consideration and report. A roll call was requested on this motion to reconsider. The motion to reconsider was passed, the vote being as follows: Ayes, Mrs. Evans, Mrs. Henrotin, Mr.

Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; nos, Mr. Abbott, Mrs. Busey, Mr. Hoyt; absent, Mr. Blair, Mr. Dunne, Mr. Meeker.

Mrs. Henrotin then presented the following motion: That the board record its approval of the address given by Dr. Moorehead, and express its opinion that it would be desirable to organize a scientific department of dentistry when the Medical School shall be well established. This motion was passed.

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

President James presented the following matters for consideration:

##### SUBSCRIPTION TO THE CROCKER LAND EXPEDITION.

(1) The following report with reference to the proposed subscription to the Crocker Land Expedition (see pp. 193 and 197-199):

In accordance with the action taken by the Board of Trustees at the last meeting, I have subscribed the sum of ten thousand dollars (\$10,000), on behalf of the University of Illinois, toward the expenses of the Crocker Land Polar Expedition. I am appending my letter on the subject and a letter just received from Mr. Henry Fairfield Osborn, Chairman of the Honorary Committee of the American Museum of Natural History.

##### [PRESIDENT JAMES' LETTER.]

URBANA-CHAMPAIGN, ILL., March 22, 1913.

*E. O. Hovey, Esq., American Museum of Natural History, New York City.*

MY DEAR MR. HOVEY: In regard to the contribution of the University to the fund to defray the expenses of the proposed Crocker Land Expedition, I beg to say that I have been authorized by the Board of Trustees to subscribe the sum of \$10,000, payable \$5,000 during the present year and \$2,500 for each of the two succeeding years.

I was to make the subscription on condition that I received assurances which would be reasonably satisfactory concerning the recognition of this cooperation and the distribution of material.

I understand that an equal recognition will be given to the University of Illinois with the American Museum of Natural History and the American Geographic Society, and that this will appear on the letterheads of the expedition and all publications relating to it or dealing with the scientific results accomplished by it; and that one of the members of the committee in charge of the expedition will be a person nominated by the University of Illinois, and for this member I am nominating Professor W. S. Bayley.

Furthermore, that the material obtained by the expedition will be worked up by the best persons available for the purpose, and that such persons will be first sought among the organizing institutions, viz., the three mentioned above.

Further, that the material collected by the expedition will be deposited at the American Museum of Natural History for safe keeping until distributed among the contributing institutions by the American Museum of Natural History, the American Geographical Society, and the University of Illinois.

Further, that the American Museum of Natural History will give to the University of Illinois such museum material aside from that collected on this expedition as it may think proper and as we should care to have.

Further, that the name of the President of the University of Illinois will be added to the Honorary Committee. And finally, that aside from Mr. Ekblaw, who I believe has been definitely appointed, Mr. Tanquary shall be appointed as specialist in zoölogy. I understand that this has also been done.

On the basis of the above conditions, which represent the understanding I had with you, I hereby make the formal subscription, and the first payment will be available whenever you call for it.

I do not wish any announcement to be made at present of this fact, further than is necessarily involved in carrying out these conditions; of course the information on the letterheads will be in the possession of the people as soon as they are printed, and you are at liberty to give this information privately to the others contributing; but I wish no general announcement to be made as to the amount, etc., until I am ready to make it myself or authorize you to do so for us.

I congratulate the American Museum of Natural History upon the successful undertaking thus far. I trust that everything will go without a hitch and that we shall all be greatly pleased with the results of this great scientific enterprise.

Faithfully yours,

EDMUND J. JAMES.

##### [MR. OSBORN'S LETTER.]

NEW YORK, March 22, 1913.

DEAR PRESIDENT JAMES: Allow me to express the gratification felt by myself and the other members of the present Honorary Committee of the Crocker Land

Expedition over the report brought back by Dr. Hovey of his interviews with you and the members of your natural science faculty on Monday and Tuesday of this week. We welcome the addition of you yourself to this committee and of Professor Bayley to the Committee in Charge, as cementing the high practical cooperation expressed in your generous appropriation of \$10,000 toward the scientific work of the expedition, and we look forward with much pleasure to the intimate association between your institution and ours that will eventuate therefrom. We congratulate you upon having two such well-equipped graduates in science as Messrs. Ekblaw and Tanquary to supply for membership on the staff. We are sure that you will not fail to receive much scientific credit abroad as well as at home and much valuable material for your exhibition and study collections from participation in the enterprise.

Your strong cooperation in the Crocker Land Expedition makes the enterprise of national interest—a feature that is particularly pleasing to the organizing institutions and valuable to American science in general.

Very sincerely yours,

HENRY FAIRFIELD OSBORN,  
Chairman of Honorary Committee.

The foregoing statement, with the accompanying correspondence, was received to be printed in the minutes.

At this point Miss Watson withdrew.

#### \*APPROPRIATION FOR THE COLLEGE OF MEDICINE.

(2) A request from the Dean of the College of Medicine for an appropriation of four thousand dollars (\$4,000) to meet certain proposed changes in the budget of the College of Medicine for the current year as shown in the following schedule:

##### *Increases.*

Salaries for services .....	\$ 300 00	
Stationery and printing .....	500 00	
Laboratories .....	1,200 00	
Apparatus and materials .....	1,500 00	
Advertising and announcements .....	1,200 00	
Incidentals .....	200 00	
Repairs .....	1,000 00	
		\$5,900 00

##### *Decreases.*

Museum .....	\$ 300 00	
Dispensary .....	200 00	
Library .....	200 00	
Maternity Hospital wards .....	1,200 00	
		1,900 00

Net increase ..... \$4,000 00

On motion of Mr. Montgomery, it was voted to authorize the proposed changes in the budget of the College of Medicine as indicated above, and to make the appropriation requested. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Meeker, Miss Watson.

#### LAND FOR EXPERIMENTAL FIELD.

(3) A letter from Dr. Eugene Davenport, Dean of the College of Agriculture, transmitting a letter from Dr. C. G. Hopkins, Professor of Agronomy, and a deed transferring seventeen acres of land off the south side of the northeast quarter of the southwest quarter of section thirty-one (31), township ten (10), range nine (9), east of the Third Principal Meridian, from Mary I. Grissom and John W. Grissom, her husband, to the Board of Trustees of the University of Illinois, to be used as an agricultural experiment field.

On motion of Mrs. Busey, it was voted to refer this correspondence and deed, and also the question as to the proper procedure in such cases, to the Committee on Agriculture, with instructions to report at the next meeting of the board.

#### STATUE OF JOSEPH G. CANNON.

(4) A statement that the Honorable Joseph G. Cannon has presented to the University a bronze replica of a marble bust which was presented to him by his friends in Washington.

\* See insert, meeting of June 10, 1913, page —.

On motion of Mrs. Evans, it was voted to accept this gift and to authorize the President of the University to express to Mr. Cannon the hearty appreciation of the Board of Trustees.

#### LABORATORY FEES IN CHEMISTRY AND HOUSEHOLD SCIENCE.

(5) The following recommendation from the Council of Administration:

April 2, 1913.

*Dr. Edmund J. James, President.*

DEAR MR. PRESIDENT: The Council of Administration, at its meeting of April 1, 1913, voted to recommend to the Board of Trustees the approval of the following new laboratory fees:

Chemistry 80—Glass Blowing .....	\$2 00
Household Science 14—Special Problems in Connection with the Service of Food (formerly \$3.00) .....	5 00
Household Science 17—Problems in the Study of Textiles .....	2 00
Household Science 18—Lunch Room Management .....	5 00

#### *Summer Session Courses.*

Household Science S1—Foods .....	\$2 00
Household Science S2—Dietetics .....	2 00
Household Science S3—Lunchroom Management .....	3 00

Yours very truly,

E. J. TOWNSEND,  
*Secretary, Council of Administration.*

On motion of Mrs. Busey, the foregoing recommendation was approved.

#### PROPOSAL FOR THE NEXT AUDIT OF THE UNIVERSITY'S ACCOUNTS.

(6) A letter from Mr. Henry L. Hertz, President of the United States Audit Company of Chicago, proposing to begin their next quarterly audit of the accounts of the University on April 9, 1913.

On motion of Mr. Montgomery, this communication was referred to the Finance Committee, with power to act.

#### PROPOSED EMPLOYMENT OF COLLECTING AGENCY.

(7) A request from Professor George E. Frazer, Comptroller, that he be authorized to employ a collecting agency in the collection of delinquent fees and delinquent loans from the Snyder loan fund, if in his opinion it is desirable in any individual case to do so.

On motion of Mrs. Evans, this request was referred to the Finance Committee, with power to act.

#### LEAVE OF ABSENCE FOR PRESIDENT JAMES TO ATTEND INTERNATIONAL CONFERENCE ON EDUCATION.

(8) The following statement in regard to an invitation received by the President of the University:

I have received an invitation from the Hon. P. P. Claxton, United States Commissioner of Education, to attend an International Conference on Education, to be held at The Hague in the early part of September. This conference has been called by the Netherlands Government, which has invited the countries having representation at The Hague to send delegates to the conference. The purpose of the conference will be to discuss problems of international interest in education and to prepare a plan for a permanent international council on education. I am asked to go as a representative of the State universities. I do not wish to accept this invitation unless the Trustees of the University of Illinois desire that I should do so, and unless they required my attendance at such an international conference as a legitimate part of my work as President of the University.

On motion of Mr. Montgomery, it was voted that the President of the University be given leave of absence for such period during the summer and fall of the current year as may be necessary to enable him to attend the International Conference on Education at The Hague.\*

\* See addition, meeting of June 10, 1913, page —.

**REQUEST FOR RETENTION OF LIEUTENANT COLONEL MORSE.**

On motion of Mrs. Busey, it was voted to present to the War Department a request that Lieutenant Colonel Morse be detailed to the University as Commandant for another period.

**APPROPRIATION FOR REFUND OF TUITION, SCHOOL OF PHARMACY.**

President James presented a request from Prof. George E. Frazer, Comptroller, for an additional assignment of one hundred twenty-five dollars (\$125) to the item in the School of Pharmacy budget for the refund of tuition; such an additional assignment being rendered necessary by the fact that requests for refund of tuition which ought to be granted under the established rules of the school have exceeded the assignment provided for in the budget.

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

The board adjourned.

W. L. ABBOTT, *President*.

C. M. McCONN, *Secretary*.

## Meeting of April 24, 1913.

---

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 A.M., on Thursday, April 24, 1913, pursuant to the following notice which was sent out by the secretary on April 18, 1913:

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 Thursday, April 24, 1913, at 10:00 A.M., to authorize the conferring of degrees upon the graduates of the School of Pharmacy, and 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, Mr. Hoit, Mr. Moore. President James was present.

There being no quorum, the board adjourned.

W. L. ABBOTT, *President.*

C. M. McCONN, *Secretary.*

---

### MEETING OF THE EXECUTIVE COMMITTEE, APRIL 24, 1913.

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, immediately following the adjournment of the special meeting of the board on April 24, 1913.

There were present: Messrs. Abbott and Moore, members of the Executive Committee; Mr. Hoit, a member of the board, and President James. Mrs. Evans and Miss Watson came in a little later and took their seats with the committee.

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

President James presented the following matters for consideration:

#### AUTHORITY TO CONFER DEGREES UPON GRADUATES OF THE SCHOOL OF PHARMACY.

(1) A request for authority to confer the appropriate degrees upon such students as may be recommended therefor by the faculty of the School of Pharmacy; including the degree of Graduate in Pharmacy to be conferred at the commencement exercises of the School of Pharmacy this afternoon, April 24, 1913, upon the students named below, and also the degree of Pharmaceutical Chemist to be conferred at the end of the longer term of the School of Pharmacy in June upon such students as may be recommended later by the faculty of the School of Pharmacy:

#### GRADUATES IN PHARMACY.

Grover Cleveland Arnold,  
George Edward Buckman,  
Harold Potter Chapman,  
Harold Vincent Cleveland,  
Royal R. Davenport,  
George Edward Davidson,  
Edward Thos. Donahue,  
Guy Wilbur Eicholtz,  
Karl Vine Gambell,  
Alfred C. Gragg,  
Lucas Peter Hanneman,  
Edgar Philip Heildbreder,

Carl John Henry,  
Malcolm Lee Hutton,  
William Rush Kost,  
Albert W. Logan,  
Errett Hale Lollar,  
Edward Luckiesh,  
Alfred Michael Lukasek,  
Roy McNeil,  
Eli Metcalf,  
Houston Porter,  
Walter Carl Schulz,  
Charles John Schultz,

Harry Fleming Stables,  
Louis Elmer Stoebig,  
George Stulik,  
Frank William Van Nugteren,  
Reuben William Walther,  
Lee A. Wixsom,  
Oscar F. Woltersdorf,  
Fred Bernard Balmer  
(Class of 1912),  
Joseph Francis Hrejsa  
(Class of 1911).

It was voted to authorize the President of the University to confer degrees upon the graduates of the School of Pharmacy as specified above.

#### **AUTHORITY TO CONFER DEGREES UPON GRADUATES OF THE SCHOOL OF MEDICINE.**

(2) A request for authority to confer degrees at the coming commencement of the College of Medicine upon such students as may be recommended therefor by the faculty of the College of Medicine.

It was voted to give the President of the University such authority.

#### **RESIGNATION OF PROFESSOR GOODMAN.**

(3) The resignation of Mr. Frederick Marion Goodman, Professor of Materia Medica and Botany in the School of Pharmacy, to take effect August 31, 1913.

It was voted that this resignation be accepted, and that the President of the University be authorized to express to Mr. Goodman the board's appreciation of his long and faithful service as dean and professor in the School of Pharmacy.

#### **APPOINTMENT OF A PROFESSOR OF SECONDARY EDUCATION.**

(4) A request for authority to appoint Dr. Charles Hughes Johnston, at present Dean of the School of Education in the University of Kansas, to be Professor of Secondary Education, beginning September 1, 1913, at a salary of thirty-five hundred dollars (\$3,500) per annum.

It was voted to authorize the President of the University to make this appointment.

#### **DR. BLONDHEIM APPOINTED ASSISTANT PROFESSOR.**

(5) A request for authority to appoint Dr. David Simon Blondheim, at present Associate in Romance Languages in the University, to the rank of Assistant Professor of Romance Languages, for three years beginning September 1, 1913, at a salary of two thousand dollars (\$2,000) per annum; and, also, to grant to Dr. Blondheim leave of absence from the University, without pay, for one year beginning September 1, 1913.

It was voted to authorize the President of the University to make this appointment, and also to grant the leave of absence as requested.

#### **RESIGNATION OF PROFESSOR FORD.**

(6) The resignation of Dr. Guy Stanton Ford, as Professor of Modern European History, to take effect August 31, 1913.

It was voted that this resignation be accepted, with an expression of regret on the part of the board at losing the services of this distinguished scholar.

#### **BILL OF MR. C. H. BLACKALL ALLOWED.**

(7) A bill from Mr. C. H. Blackall, Architect, one of the members of the Commission on Campus Plan, for professional services in the preparation of studies for the extension of the campus, and for the expenses of three trips from Boston to Chicago and Champaign, amounting to \$962.36, approved by Professor James M. White, Supervising Architect.

It was voted that the comptroller be authorized to pay this bill.

#### **PLAN FOR PROMPT PAYMENT FOR CURRENT SUPPLIES.**

(8) The following recommendation from Professor George E. Frazer, Comptroller:

April 23, 1913.

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

DEAR SIR: To facilitate the prompt issuance of University warrants for dairy products and other current supplies, I recommend that the President and Secretary of the Board designate employees at the University to sign their names to regular University warrants for dairy products and other current supplies. I recommend that this authorization cover dairy supplies, household science lunchroom supplies, freight, express, telegrams, telephone rentals and messages, postage stamps, and University lectures, providing that no such University warrant shall exceed

\$50 in amount, and providing further, that the President and Secretary of the Board shall be furnished complete information as to the University warrants so signed and issued.

Very truly yours,

GEORGE E. FRAZER, *Comptroller*.

It was voted to approve the recommendation of the comptroller be contained in the foregoing letter.

#### PARTIAL PAYMENT OF MEMBERS OF COMMISSION ON NUTRITION INVESTIGATION.

(9) The following statement in regard to the national commission in charge of the investigation in human nutrition and suggestion with reference to the payment of its members:

In the year 1907 the Board of Trustees of the University of Illinois authorized the appointment of a national commission to supervise an experiment in human nutrition conducted by the Research Laboratory of the University in that subject. The commission as first constituted consisted of Professors A. J. Abell, of Johns Hopkins University; R. H. Chittenden, of Yale University; A. P. Mathews, of the University of Chicago, and H. S. Grindley, of the University of Illinois. The first meeting of the commission was held on Saturday, March 30, 1907. Subsequently Professor Theobald Smith, of Harvard University, was added to the commission. Later Professor Abell, of Johns Hopkins University, resigned his membership on the commission, and Professor D. L. Edsall, of the University of Pennsylvania, was appointed in his place. The arrangement made with these men was that they were to give the necessary supervision to the conduct of this experiment, and that the non-resident members of the commission were to receive a lump sum of five hundred dollars in payment for their services, aside from traveling expenses and an honorarium of fifty dollars for attendance at each meeting of the commission. It was supposed when this work was begun that the experiment would be concluded within two or three years. Owing to various circumstances, among others the growing importance of the investigation and its enlarging scope as the commission proceeded with the work, the final report of the commission has not yet been completed. In view of these facts, I think it would be a fair and proper thing for the University to pay these men at least four-fifths of the sum due them for their work as supervisors of the research work. We have already printed three volumes of the report of this investigation, and copies have been sent to each member of the Board of Trustees. Two volumes are still to be printed. Preparation for the next volume is in an advanced state, and much work has been done on the final volume.

It was voted that the comptroller be authorized to pay to each of the non-resident members of this commission as indicated above the sum of four hundred dollars (\$400), leaving a balance of one hundred dollars (\$100) to be paid to each member when the publication of the results of the investigation shall be completed.

#### TREASURER HAUGAN'S REPORTS.

The secretary presented for record the following reports from Mr. H. A. Haugan, Treasurer, for the quarter ending March 31, 1913, and for the period from April 1 to April 5, 1913:

##### [REPORT FOR QUARTER ENDING MARCH 31, 1913.]

H. A. HAUGAN, TREASURER, IN ACCOUNT WITH THE UNIVERSITY OF ILLINOIS,  
MARCH 31, 1913.

Dr.

1913.		
Jan.	1. Balance per last statement .....	\$177,451 34
	2. Received from State Bank of Chicago, for credit of College of Medicine fund .....	60 00
	6. Received from W. B. Day, Actuary, for credit of School of Pharmacy fund .....	220 00
	7. Received from W. B. Day, Actuary, for credit of School of Pharmacy fund .....	245 00
	9. Received from the State Auditor, for credit of general fund .....	492,125 00
	9. Received from W. B. Day, Actuary, for credit of School of Pharmacy fund .....	245 00
	10. Received from O. E. Staples, Chief Clerk, for credit of Agricultural Experiment Station fund .....	151 20
	11. Received from W. B. Day, Actuary, for credit of School of Pharmacy fund .....	115 00
	13. Received from W. B. Day, Actuary, for credit of School of Pharmacy fund .....	65 00
	14. Received from W. B. Day, Actuary, for credit of School of Pharmacy fund .....	215 00
	17. Received from the Treasurer of the United States, for credit of Agricultural Experiment Station fund .....	7,500 00



TREASURER'S REPORT—*Concluded.*

## CR.

1913.	17.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund	\$ 95 00
	18.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund	80 00
	20.	Received from O. E. Staples, Chief Clerk, for credit of general fund	10,000 00
	21.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund	120 00
	23.	Received from O. E. Staples, Chief Clerk, for credit of general fund	1,000 00
	24.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund	110 00
	27.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund	85 00
	31.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund	140 00
Feb.	3.	Received from the State Auditor, for credit of general fund	466,133 08
	7.	Received from O. E. Staples, Chief Clerk, for credit of general fund	45,000 00
	7.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund	141 09
	10.	Received from the State Auditor, for credit of general fund	210,000 00
	14.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund	108 50
	18.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund	81 00
	20.	Received from O. E. Staples, Chief Clerk, for credit of general fund	10,000 00
	24.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund	105 00
	28.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund	70 00
Mar.	5.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund	110 00
	8.	Received from O. E. Staples, Chief Clerk, for credit of general fund	10,000 00
	11.	Received from the State Bank of Chicago, interest on daily balances from March 7, 1911, to date, for credit of general fund	21,543 56
	11.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund	103 75
	12.	Received from College of Physicians and Surgeons, for credit of College of Medicine fund	10,410 85
	12.	Received from D. A. K. Steele, Actuary, for credit of College of Medicine fund	800 22
	18.	Received from O. E. Staples, Chief Clerk, for credit of general fund	20 00
	20.	Received from D. A. K. Steele, Actuary, for credit of College of Medicine fund	257 25
	22.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund	105 00
	25.	Received from O. E. Staples, Chief Clerk, for credit of general fund	15,000 00
	31.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund	90 00
Total			\$1,480,101 75

## CR.

1913.	Mar. 31.	By amount paid out of general fund, as per list of warrants herewith	\$564,473 27
		By amount paid out of College of Medicine fund, as per list of warrants herewith	470 90
		By amount paid out of School of Pharmacy fund, as per list of warrants herewith	2,957 95
		By amount paid out of Agricultural Experiment Station fund, as per list of warrants herewith	7,261 48
Total			\$575,163 60
<i>Balances—</i>			
		General fund	\$875,328 80
		Agricultural Experiment Station fund	6,137 22
		College of Medicine fund	15,945 64
		School of Pharmacy fund	7,526 49
Total			904,938 15

\$1,480,101 75

Respectfully submitted,

HENRY A. HAUGAN, *Treasurer.*

## [REPORT FOR PERIOD APRIL 1-5, 1913.]

H. A. HAUGAN, TREASURER, IN ACCOUNT WITH THE UNIVERSITY OF ILLINOIS,  
APRIL 5, 1913.

## DR.

1913.		
Apr. 1.	Balance per last statement.....	\$904,938 15
3.	Received from D. A. K. Steele, Actuary for credit of College of Medicine fund.....	1,791 33
5.	Received from State Bank of Chicago, interest on daily balances from March 11, 1913, to March 28, 1913, for credit of general fund...	856 49
		<u>\$907,585 97</u>

## CR.

Apr. 5.	By amount paid out of general fund, as per list of warrants herewith.....	\$876,185 29
	By amount paid out of College of Medicine fund, as per list of warrants herewith.....	17,736 97
	By amount paid out of School of Pharmacy fund, as per list of warrants herewith.....	7,526 49
	By amount paid out of Agricultural Experiment Station fund, as per list of warrants herewith	6,137 22
		<u>\$907,585 97</u>

Respectfully submitted,  
HENRY A. HAUGAN, *Treasurer.*

## COMPTROLLER'S REPORT.

The secretary presented for record the report of Prof. George E. Frazer, Comptroller, for the quarter ending March 31, 1913:

April 23, 1913.

*Mr. W. L. Abbott, President Board of Trustees, University of Illinois.*

DEAR SIR: I am submitting herewith the quarterly report of the cash transactions of the University of Illinois for the quarter ending March 31, 1913.

The report includes a summary of receipts and disbursements, which is supported by schedules showing in detail the receipts of the chief clerk and disbursements against current, State and United States appropriations, together with a statement of balances in these appropriations. A detailed report of the receipts of the treasurer is not included as this report has been submitted to you by the treasurer. The report also includes lists of warrants drawn during the quarter against the general University, School of Pharmacy, College of Medicine, and Agricultural Experiment Station funds.

Very truly yours,

GEO. E. FRAZER, *Comptroller.*

## CASH SUMMARY.

Balance, January 1, 1913.....	\$	73,450 63	
Receipts for the Quarter—			
Chief clerk .....	\$	85,259 38	
Treasurer (not including remit- tances of chief clerk.....)		1,211,559 21	
			1,296,818 59
Disbursements for the quarter.....			\$570,049 46
Balance, March 31, 1913—			
Chief clerk .....	\$	13,208 59	
Treasurer (allowing for outstand- ing warrants) .....		787,011 17	
			<u>800,219 76</u>
		<u>1,370,269 22</u>	<u>1,370,269 22</u>

## RECEIPTS AND REMITTANCES OF THE CHIEF CLERK.

Balance, January 1, 1913..... \$19,100 41

## RECEIPTS.

Accountancy .....	\$	47 10
Adams fund receipts .....		826 26
Agricultural College .....		14,702 75
Agricultural Experiment Station receipts		9,540 32
Blue printing .....		565 40
Building Department .....		222 45
Chemistry .....		60 79
Engineering Building site .....		60 00
Engineering College .....		903 28
Engineering Experiment Station.....		314 39
Fees—General .....		38,556 00

RECEIPTS AND REMITTANCES OF THE CHIEF CLERK—*Concluded.*

Fees—Special .....	\$12,519 50
Ground Department .....	40 65
Hatch fund receipts .....	151 20
Hospital Association .....	720 00
Illinois Cannery Association fund.....	1,000 00
Library fines .....	78 50
Lincoln Hall cabinets .....	15 00
Lockers—General .....	97 00
Lockers—Gymnasium .....	1,089 00
McKinley fund—Interest .....	151 12
McKinley fund—Principal .....	806 25
Philology, Journal of.....	726 89
Psychology .....	11 24
Snyder fund—Interest .....	275 65
Snyder fund—Principal .....	1,097 50
Steam Department .....	445 32
University studies .....	22 42
Water survey .....	97 60
Woman's League loan fund—Interest....	15 80
Woman's League loan fund—Principal...	100 00

85,259 38

## REMITTANCES TO H. A. HAUGAN, TREASURER.

1913.

January 9 .....	\$ 151 20
January 17 .....	10,000 00
January 22 .....	1,000 00
February 6 .....	45,000 00
February 19 .....	10,000 00
March 7 .....	10,000 00
March 24 .....	15,000 00

\$91,151 20

13,208 59

\$104,359 79

\$104,359 79

## DISBURSEMENTS.

## CURRENT APPROPRIATIONS.

Appropriation.	Amount of appropri- ation.	Disburse- ments before reported.	Disburse- ments this quarter.	Total disburse- ments.	Balance.
Accountancy.....	\$ 2,898 25	\$ 741 75	\$ 47 79	\$ 789 54	\$ 2,108 71
Agricultural college.....	40,913 05	15,852 19	15,066 31	30,918 50	9,994 55
Agricultural experiment station.....	35,203 81	3,092 52	7,288 74	10,381 26	24,822 55
<i>Alumni Quarterly</i> .....	1,000 00	500 00	250 00	750 00	250 00
<i>Alumni Record</i> .....	5,328 07	580 10	162 32	743 42	4,584 65
Applied Mechanics.....	1,353 51	89	11 60	12 49	1,343 02
Art and design.....	500 00	111 97	131 85	243 82	256 18
Band instructor deposits.....	150 50	35 00		35 00	115 50
Blue printing.....	1,815 76	948 65	573 81	1,522 46	293 30
B'nai B'rith library.....	525 00	153 20	274 67	427 87	97 13
Botany .....	2,500 00	1,559 96	372 28	1,932 24	567 76
Buildings and grounds .....	5,000 00		100 00	100 00	4,900 00
Chemistry .....	15,000 00	9,537 28	2,790 10	12,327 38	2,672 62
Classics .....	100 00	32 79	5 00	37 79	62 21
Dean of men .....	3,000 00	1,571 01	768 97	2,339 98	660 02
Dean of women .....	500 00	220 92	135 36	356 28	143 72
Editing <i>University Bulletin</i> .....	1,000 00	4 05		4 05	995 95
Education, School of .....	2,250 00	426 52	437 36	863 88	1,386 12
Engineering building site.....	1,334 25	1 20	1,240 00	1,241 20	93 05
Engineering college.....	12,000 00	4,233 37	2,265 43	6,498 80	5,501 20
Engineering experiment station.....	986 76				986 76
English .....	1,550 00	450 89	557 99	1,008 88	541 12
Entomology .....	1,701 00	1,075 52	328 73	1,404 25	296 75
Geology .....	1,340 80	331 84	394 55	726 39	614 41
Germanic language.....	200 00	8 17	110 40	118 57	81 43
Gymnasium lockers.....	3,000 00	727 95	314 35	1,042 30	1,957 70
High school contest.....	400 00	53 40	26 83	80 23	319 77
History .....	150 00	54 03	20 38	74 41	75 59
Hospital association .....	1,741 71	618 25	379 00	997 25	744 46
Illinois Cannery Association fund.....	1,436 13	436 13	217 82	653 95	782 18
Incidentals .....	10,000 00	4,416 64	1,651 42	6,068 06	3,931 94
Interest on land contract.....	48 30				48 30
Labor.....	64,500 00	26,841 81	16,622 06	43,463 87	21,036 13
Library.....	3,145 00	1,358 71	483 21	1,841 92	1,303 08

## DISBURSEMENTS—Continued.

Appropriation.	Amount of appropriation.	Disbursements before reported.	Disbursements this quarter.	Total disbursements.	Balance.
Library fines.....	\$ 170 85	\$ 48 33	\$ 27 71	\$ 76 04	\$ 94 81
Library school.....	1,080 00	174 00	258 70	432 70	647 30
Library school assistants.....	3,940 00	2,140 28	990 10	3,130 38	809 62
Library supplies.....	145 95	145 95	.....	135 95	.....
Lincoln hall dedication.....	750 00	62 89	601 00	663 89	86 11
Literature and Arts, College of.....	800 00	144 89	87 58	232 47	567 53
McKinley fund.....	1,266 25	.....	1,580 00	1,580 00	*313 75
McKinley fund interest.....	174 74	.....	.....	.....	174 74
Mathematics.....	200 00	24 13	29 15	53 28	146 72
Medicine, College of, budget.....	20,652 16	.....	3,757 99	3,757 99	16,894 17
Military department.....	1,150 00	349 56	375 75	725 31	424 69
Military band scholarship.....	2,000 00	.....	.....	.....	2,000 00
Music, School of.....	1,400 00	858 71	275 89	1,134 60	265 40
Pharmacy, School of.....	14,594 19	4,184 75	3,482 95	7,667 70	6,926 49
Philology, Journal of.....	1,433 81	88 14	314 87	403 01	1,030 80
Philosophy.....	100 00	7 55	1 45	9 00	91 00
Physical training, men.....	1,805 01	595 70	961 09	1,556 79	248 22
Physical training, women.....	741 02	200 19	20 81	221 00	520 02
Physics laboratory assistants.....	600 00	126 00	162 01	288 01	311 99
Physiology.....	1,900 00	643 03	721 55	1,364 58	535 42
Plym fellowship.....	1,000 00	600 00	200 00	800 00	200 00
Political science.....	50 00	15 71	8 50	24 21	25 79
Psychology.....	500 00	157 04	342 96	500 00	.....
Public school drawing exhibit.....	50 00	.....	14 55	14 55	35 45
Rebates to students.....	5,000 00	3,860 45	1,104 88	4,965 33	34 67
Romance languages.....	100 00	30 10	6 35	36 45	63 55
Science, College of.....	700 00	202 78	161 81	364 39	335 41
Snyder fund, principal.....	3,670 32	2,825 00	900 00	3,725 00	*54 68
Snyder fund, deposits.....	2,371 67	1,021 67	1,325 00	2,346 67	25 00
Snyder fund, interest.....	* 600 00	300 00	.....	300 00	300 00
Sociology.....	50 00	8 65	21 64	30 29	19 71
Soil extension.....	1,019 85	985 56	29 24	1,014 80	5 05
Summer library school.....	515 00	.....	.....	.....	515 00
Summer session, 1913.....	15,000 00	.....	390 85	390 85	14,609 15
Supervising architect.....	2,300 00	1,120 01	482 33	1,602 34	697 66
University fellowships.....	2,400 00	740 00	555 00	1,295 00	1,105 00
Water survey receipts.....	243 35	23 05	.....	23 05	220 30
Woman's League loan fund.....	335 80	.....	85 00	85 00	250 80
Zoölogy.....	4,750 00	2,667 55	709 26	3,376 81	1,373 19
Totals, current funds.....	\$318,131 87	\$100,329 38	\$73,014 30	\$173,343 68	\$144,788 19

\* Overdraft.

## STATE APPROPRIATIONS.

Appropriation.	Amount of appropriation.	Disbursements before reported.	Disbursements this quarter.	Total disbursements.	Balance.
Agricultural College.....	\$415,800 00	\$289,523 22	\$41,176 51	\$330,699 73	\$85,100 27
Agronomy green house.....	9,000 00	8,482 49	517 51	9,000 00	.....
Animal husbandry building.....	80,000 00	545 04	371 44	916 48	79,083 52
Apparatus and appliances—					
Closed out.....	3,998 83	3,998 83	.....	3,998 83	.....
Astronomy.....	2,129 33	1,566 49	35 00	1,601 49	527 84
Botany.....	900 00	900 00	.....	900 00	.....
Psychology.....	100 00	.....	13 48	13 48	86 52
Unassigned.....	871 84	.....	.....	.....	871 84
Totals, apparatus and appliances.....	\$8,000 00	\$6,465 32	\$48 48	\$6,513 80	\$1,486 20
Armory.....	\$100,000 00	\$ 9,020 49	\$44,151 92	\$53,172 41	\$46,827 59
Buildings and grounds.....	50,000 00	36,763 43	10,499 58	47,263 01	2,736 99
Cabinets—					
Closed out.....	3,407 79	3,407 79	.....	3,407 79	.....
Lincoln hall.....	3,480 84	2,500 52	291 77	2,792 29	688 55
Natural history.....	1,111 37	279 31	410 28	689 59	421 78
Totals, cabinets.....	\$8,000 00	\$6,187 62	\$702 05	\$6,889 67	\$1,110 33

## DISBURSEMENTS—Continued.

Appropriation.	Amount of appropriation.	Disburse- ments before reported.	Disburse- ments this quarter.	Total disburse- ments.	Balance.
Ceramics.....	\$ 30,000 00	\$ 19,570 43	\$ 5,556 53	\$ 25,126 96	\$ 4,873 04
Ceramics buildings.....	21,000 00	15,691 67	5,308 33	21,000 00	.....
Chemical laboratory.....	20,000 00	18,720 37	1,101 88	19,822 25	177 75
Clinic building.....	5,000 00	.....	.....	.....	5,000 00
Cold storage.....	9,000 00	.....	.....	.....	9,000 00
Commerce building.....	125,000 00	89,209 91	20,549 51	109,759 42	15,240 58
Crop experiments.....	30,000 00	20,332 89	3,306 17	23,639 06	6,360 94
Dairy barn.....	10,000 00	2,990 52	5,541 63	8,532 15	1,467 85
Dairy investigation.....	30,000 00	26,941 94	2,834 65	29,776 59	223 41
Drains, fences, repairs.....	5,000 00	2,837 74	.....	2,837 74	2,162 26
Engineering bldgs. & grounds.....	200,000 00	161,386 72	19,941 77	181,328 49	18,671 51
Engineering, extension and maintenance college—	.....	.....	.....	.....	.....
Closed out.....	74,391 40	74,391 40	.....	74,391 40	.....
College.....	31,975 03	12,360 71	8,544 74	20,905 45	11,069 58
Experiment station.....	43,633 57	19,124 97	9,141 78	28,266 75	15,366 82
Salaries.....	30,000 00	11,999 92	8,999 94	20,999 86	9,000 14
Totals, engineering ex- tension.....	\$180,000 00	\$117,877 00	\$26,686 46	\$144,563 46	\$35,436 54
Fire protection.....	\$ 3,000 00	\$ 2,934 99	\$ 65 01	\$ 3,000 00	.....
Floriculture.....	16,000 00	12,411 84	2,937 13	15,348 97	\$ 651 03
Glass house.....	30,000 00	17,587 42	9,444 82	27,032 24	2,967 76
Graduate school.....	100,000 00	57,676 15	10,446 57	68,122 72	31,877 28
Gymnasium.....	5,000 00	5,000 00	.....	5,000 00	.....
Heating and lighting plant.....	30,000 00	29,177 33	822 67	30,000 00	.....
Horticulture.....	30,000 00	24,189 69	3,642 82	27,832 51	2,167 49
Household science.....	5,000 00	2,607 58	20 21	2,627 79	2,372 21
Interest on endowment fund—	.....	.....	.....	.....	.....
Closed out.....	32,411 82	32,411 82	.....	32,411 82	.....
Agricultural College.....	16,208 02	8,103 98	8,104 04	16,208 02	.....
General.....	16,208 02	6,499 96	4,874 97	11,374 93	4,833 09
Totals, interest on en- dowment fund.....	\$84,827 86	\$47,015 76	\$12,979 01	\$59,994 77	\$4,833 09
Law building.....	\$ 15,000 00	\$ 9,699 29	\$ 555 60	\$ 10,254 89	\$ 4,745 11
Law school.....	50,000 00	32,709 72	6,728 26	39,437 98	10,562 02
Library.....	50,000 00	31,659 22	7,212 69	38,871 91	11,128 09
Live stock specimens.....	22,500 00	16,794 83	3,643 63	20,438 46	2,061 54
Mines investigation.....	10,000 00	7,529 55	1,052 29	8,581 84	1,418 16
Mining building.....	25,000 00	20,552 24	4,223 67	24,775 91	224 09
Mining engineering.....	30,000 00	12,623 50	9,544 63	22,168 13	7,831 87
Operating expenses—	.....	.....	.....	.....	.....
Closed out.....	545,561 62	545,561 62	.....	545,561 62	.....
Board expense.....	2,500 00	799 58	1,700 42	2,500 00	.....
Comptroller's office.....	3,270 00	1,199 36	421 33	1,620 69	1,649 31
Furniture and fixtures.....	5,000 00	908 14	512 10	1,420 24	3,579 76
Heat and light.....	40,000 00	18,731 38	10,944 04	29,675 42	10,324 58
High school visitor.....	2,900 00	1,576 80	494 56	2,071 36	828 64
Lectures.....	5,000 00	175 00	1,734 57	1,909 57	3,090 43
President's office.....	2,000 00	718 30	314 02	1,032 32	967 68
Printing and postage.....	12,000 00	2,946 60	3,240 63	6,187 23	5,812 77
Registrar's office.....	4,220 00	2,114 36	1,085 82	3,200 18	1,019 82
Salaries for instruction.....	415,000 00	197,415 71	109,150 40	306,566 11	108,433 89
Salaries for services.....	97,000 00	46,634 62	26,314 48	72,949 10	24,050 90
Summer session, 1912.....	13,692 18	13,692 18	.....	13,692 18	.....
Unassigned.....	1,856 20	.....	.....	.....	1,856 20
Totals, operating ex- penses.....	\$1,150,000 00	\$832,473 65	\$155,912 37	\$988,386 02	\$161,613 98
Pavements and walks.....	\$ 8,000 00	\$ 6,753 28	\$ 298 53	\$ 7,051 81	\$ 948 19
Pharmacy, school of.....	20,000 00	18,263 32	1,736 68	20,000 00	.....
Sheep building.....	2,000 00	1,997 39	2 61	2,000 00	.....
Shop practice.....	12,000 00	10,930 36	832 77	11,763 13	236 87
Social and political science.....	50,000 00	31,961 18	6,656 14	38,617 32	11,382 68
Soil investigation.....	130,000 00	107,669 81	10,881 82	118,551 63	11,448 37
Soil maps.....	50,000 00	17,056 65	1,469 23	18,525 88	31,474 12
Stock investigation.....	50,000 00	41,938 50	7,949 16	49,887 66	112 34
Telephone exchange.....	3,000 00	1,890 04	269 42	2,159 46	840 54
University (Lincoln) hall.....	250,000 00	249,549 20	.....	249,549 20	450 80
Veterinarian college, research laboratory.....	30,000 00	26,008 75	2,390 67	28,399 42	1,600 58
Water investigation.....	30,000 00	19,529 44	4,946 65	24,476 09	5,523 91

DISBURSEMENTS—*Concluded.*

Appropriation.	Amount of appropriations.	Disbursements before reported.	Disbursements this quarter.	Total disbursements.	Balance.
Water station .....	\$ 4,000 00	\$ 4,000 00	.....	\$ 4,000 00	.....
Water survey.....	15,000 00	9,097 30	\$ 1,493 73	10,591 03	\$ 4,408 97
Women's building addition .....	125,000 00	82,579 23	12,025 77	94,605 00	30,395 00
Totals, State appropriations	\$3,751,127 86	\$2,624,414 01	\$468,478 98	\$3,092,892 99	\$658,234 87

## UNITED STATES APPROPRIATIONS.

Appropriation.	Amount of appropriations.	Disbursements before reported.	Disbursements this quarter.	Total disbursements.	Balance.
Adams fund.....	\$15,000 00	\$6,059 24	\$3,888 82	\$ 9,948 06	\$5,051 94
Adams fund receipts.....	1,140 77	.....	.....	.....	1,140 77
Hatch fund .....	15,000 00	5,397 47	4,493 37	9,890 84	5,169 16
Hatch fund receipts.....	218 41	3 84	209 12	212 96	5 45
Morrill fund—					
Agricultural college.....	12,500 00	6,250 00	6,250 00	12,500 00	.....
General .....	12,500 00	9,866 50	2,633 50	12,500 00	.....
Total, Morrill fund.....	\$25,000 00	\$16,116 50	\$8,883 50	\$25,000 00	.....
Nelson fund—					
Agricultural college.....	\$12,500 00	\$6,250 00	\$6,250 00	\$12,500 00	.....
General .....	12,500 00	.....	4,891 37	4,891 37	7,608 63
Total, Nelson fund.....	\$25,000 00	\$6,250 00	\$11,141 37	\$17,391 37	\$7,608 63
Totals, U. S. appropriations	\$81,359 18	\$33,827 05	\$28,556 18	\$62,383 23	\$18,975 95
Grand totals.....	\$4,150,618 91	\$2,758,570 44	\$570,049 46	\$3,328,619 90	\$821,999 01

## APPOINTMENTS MADE BY THE PRESIDENT OF THE UNIVERSITY.

The secretary presented for record the following report of appointments made by the President of the University to fill vacancies in positions created by the Board of Trustees:

Buckler, Helen I., Stenographer in the Business Office, beginning April 1, 1913, and continuing until further notice, or until August 31, 1913, at a salary of fifty dollars (\$50) a month. (April 12, 1913.)\*

Durfey, Franc, Stenographer in the School of Commerce, beginning April 2, 1913, and continuing until August 31, 1913, at a salary of fifty dollars (\$50) a month. (April 15, 1913.)

Fieg, Robert I., Laboratory Helper in the Department of Botany for the months of July and August, 1913, at a salary of fifty dollars (\$50) a month. (March 8, 1913.)

Grigg, Daniel R., Custodian in the Law Library, from March 1, 1913, to June 15, 1913, at a salary of fifteen dollars (\$15) a month. (March 6, 1913.)

Prucha, Martin J., Assistant Professor of Dairy Bacteriology in the College of Agriculture and Assistant Chief in Dairy Bacteriology in the Agricultural Experiment Station, for a term of three years, work and salary to begin as soon as he reports for service, at a salary of twenty-five hundred dollars (\$2,500) per annum. (April 7, 1913.)

Trelease, William, Professor of Botany, and until further notice Acting Head of the Department of Botany, beginning September 1, 1913, at a salary of five thousand dollars (\$5,000) per annum. (April 8, 1913.)

## APPOINTMENTS TO SCHOLARSHIPS AND FELLOWSHIPS.

The secretary presented also for record the following list of appointments to scholarships and fellowships for the academic year 1913-1914, made

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

by the President of the University as authorized by the Board of Trustees at its meeting of December 19, 1913 (page —):

Agronomy .....	Wallace Macfarlane, Fellowship.....	\$350 00
	Raymond S. Smith, Scholarship.....	250 00
	Frank A. Wyatt, Fellowship.....	350 00
Animal Husbandry .....	William E. Carroll, Fellowship.....	400 00
	Warren Lincoln, Scholarship.....	250 00
Botany .....	P. A. Lehenbauer, Fellowship.....	400 00
	Cyrus W. Lantz, Scholarship.....	250 00
Chemistry .....	O. E. Harder, Fellowship.....	300 00
	E. O. Heuse, Fellowship.....	400 00
	J. W. Howard, Fellowship.....	300 00
	H. H. McGregor, Fellowship.....	350 00
	E. B. Millard, Fellowship.....	400 00
	Karr Parker, Scholarship.....	250 00
	Paul A. Paulson, Scholarship.....	250 00
Classics .....	Louise Austin, Scholarship.....	250 00
	Aloa A. Haskett, Scholarship.....	250 00
	Lois M. Miles, Scholarship.....	250 00
	Jessie Fay Miller, Scholarship.....	250 00
	Lily B. Voegelien, Fellowship.....	300 00
Economics .....	Fred E. Clark, Fellowship.....	350 00
	B. F. Lamb, Scholarship.....	250 00
	Edward L. McKenna, Scholarship.....	250 00
Education .....	C. E. Holley, Fellowship.....	350 00
Engineering (Arch.).....	A. R. Brandner, Scholarship.....	250 00
Engineering (A. E.).....	Wm. S. Wolfe, Scholarship.....	250 00
Engineering (E. E.).....	Stanley P. Farwell, Fellowship.....	400 00
	Howard Mathews, Scholarship.....	250 00
	Herman C. Wolf, Scholarship.....	250 00
Engineering (Min.).....	Merle L. Nebel, Scholarship.....	250 00
English .....	Lois A. Browne, Scholarship.....	250 00
	Ida B. Dewey, Scholarship.....	250 00
	N. A. Crawford, Scholarship.....	250 00
Entomology .....	S. B. Fracker, Fellowship.....	350 00
	Philip Garman, Scholarship.....	250 00
	N. L. Partridge, Scholarship.....	250 00
Geology .....	R. W. Brown, Fellowship.....	350 00
German .....	Nell Conway, Scholarship.....	250 00
	Lois M. Coultas, Scholarship.....	250 00
	Viola E. Knoche, Scholarship.....	250 00
	D. F. Pasmore, Scholarship.....	250 00
	Otto P. Schinnerer, Scholarship.....	250 00
	Thekla M. Siebens, Scholarship.....	250 00
History .....	Jessie J. Kile, Scholarship.....	250 00
	J. Earl Miller, Fellowship.....	350 00
	Arthur F. Peine, Fellowship.....	350 00
	W. E. Stevens, Scholarship.....	250 00
	W. W. Sullivan, Scholarship.....	250 00
	Margaret K. Theilen, Scholarship.....	250 00
Mathematics .....	Mary I. Droke, Scholarship.....	250 00
	Nelle L. Ingels, Scholarship.....	250 00
	E. A. T. Kircher, Fellowship.....	400 00
	L. C. Mathewson, Fellowship.....	400 00
	C. N. Stokes, Scholarship.....	250 00
	Mabel E. Thorne, Scholarship.....	250 00
	William H. Wilson, Scholarship.....	250 00
Philosophy .....	Helen I. Cushing, Scholarship.....	250 00
	C. M. Hobart, Fellowship.....	300 00
Physics .....	Paul Bayley, Scholarship.....	250 00
	Carlton V. Kent, Fellowship.....	350 00
	Mildred C. Seyster, Scholarship.....	250 00
	W. A. Shewhart, Scholarship.....	250 00
Political Science .....	M. J. Atwood, Fellowship.....	350 00
	Oliver C. Moles, Scholarship.....	250 00
	Allen S. Wilbur, Scholarship.....	250 00
Psychology .....	Helen Clark, Scholarship.....	250 00
Romance Languages .....	Louis Allen, Scholarship.....	250 00
	Harry P. Reeves, Scholarship.....	250 00
Sociology .....	Raymond A. Scheer, Scholarship.....	250 00
Zoölogy .....	Jesse L. Conel, Fellowship.....	350 00
	Elizabeth M. Gittins, Fellowship.....	300 00
	J. E. Gutberlet, Fellowship.....	400 00
	Morris Johnson, Fellowship.....	300 00
	Minnie E. Watson, Fellowship.....	350 00
	C. F. C. Riley, Fellowship.....	400 00

#### RESEARCH FELLOWSHIPS IN THE ENGINEERING EXPERIMENT STATION.

Jefferson Hall Belt, research fellowship (September 1, 1913-August 31, 1915), \$500 per annum.

Julian Montgomery, research fellowship (September 1, 1913-August 31, 1915), \$500 per annum.

Louis August Scholl, research fellowship (September 1, 1913-August 31, 1915), \$500 per annum.

### NOTICE TO EX-TREASURER HAUGAN OF TREASURER BUSEY'S ELECTION.

The secretary presented for record the following letter from President Abbott to ex-Treasurer Haugan, notifying him of the election of Treasurer Busey:

April 6, 1913.

*Mr. Henry A. Haugan, Treasurer, University of Illinois, State Bank of Chicago, Chicago, Ill.*

DEAR SIR: This is to advise you that Mr. M. W. Busey has been elected and qualified as Treasurer of the University of Illinois to succeed yourself, and you are hereby directed to turn over to him all moneys, securities, documents and other property of the University now in your possession and accept therefor Mr. Busey's receipts.

I will arrange to have an audit made of your books early next week, and to facilitate this audit I would suggest that, if agreeable to both yourself and Mr. Busey, you retain the books until after the audit is completed.

Very truly yours,

W. L. ABBOTT, *President.*

### CONTRACTS FOR UNIFORMS AWARDED.

Mr. Moore, as Chairman of the Special Committee, consisting of Mr. Moore, Prof. George E. Frazer, Comptroller, and Lieut.-Col. B. C. Morse, Commandant, authorized by the Executive Committee on February 1, 1913 (p. —), with power to open bids and award a contract for uniforms for the corps of cadets, reported that the committee had received bids from the Gulick Tailoring Company, Champaign; the Henderson-Ames Company, Kalamazoo, Mich.; Jacob Reed's Sons, Philadelphia, Pa.; the Pettibone Brothers Manufacturing Company, Cincinnati, Ohio, and Stern Brothers, Champaign, and had awarded the contract for flannel shirts and ties to Stern Brothers, and for the remaining items of the uniform, including coats, trousers, caps, shoulder straps, chevrons, U. of I. monograms, insignia of rank, collars, and gloves, to Jacob Reed's Sons.

This report was received for record.

### EMPLOYMENT OF COLLECTING AGENCY AUTHORIZED.

Mr. Moore, as Chairman of the Finance Committee, reported that the committee had authorized the comptroller to employ the collections department of R. G. Dunn & Company in the collection of delinquent fees and delinquent loans from the Snyder Loan Fund, if, in his opinion, it is desirable in any individual case to do so; this matter having been referred to the Finance Committee at the board meeting of April 4, 1913 (p. 211), with power to act.

### THE CHIEF CLERK'S BOND APPROVED.

Mr. Abbott reported that the Executive Committee, under the board's authorization of April 4, 1913 (p. 208), had approved the bond of Mr. Oren E. Staples, Chief Clerk, furnished by the Illinois Surety Company.

The committee adjourned.

C. M. McCONN, *Clerk.*

W. L. ABBOTT,  
ALLEN F. MOORE.



## Meeting of May 9, 1913.

---

Aspecial meeting of the Board of Trustees of the University of Illinois was held in the Trustees' Room, in the Natural History Building, University Campus, Urbana, beginning at 2 p.m., on Friday, May 9, 1913, pursuant to the following notice which was sent out by the secretary on May 2, 1913:

By order of the president, Mr. W. L. Abbott, a special meeting of the Board of Trustees of the University of Illinois will be held in the trustees' room, in the Natural History Building, University Campus, Urbana, on Friday, May 9, 1913, 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: Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Trevett. President James was present.

President James reported that he had attended the funeral of Dr. Andrew Sloan Draper, formerly President of the University.

President James also gave an informal report of the recent hearings on the University bills before the legislative committees.

There being no quorum present, the board adjourned.

W. L. ABBOTT, *President.*

C. M. McCONN, *Secretary.*

---

## MEETING OF THE EXECUTIVE COMMITTEE, MAY 9, 1913.

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held in the Trustees' Room, in the Natural History Building, University Campus, Urbana, immediately following the adjournment of the special meeting of the board, on Friday, May 9, 1913.

There were present: Messrs. Abbott and Trevett, members of the Executive Committee; also Mrs. Busey, Mrs. Evans, Mrs. Henrotin, and Mr. Hoit, members of the board.

It was voted to authorize the chairman to appoint a committee of three to draft resolutions concerning the late Dr. Andrew Sloan Draper, President of the University of Illinois, 1894-1904, deceased April 27, 1913.

The committee adjourned.

C. M. McCONN, *Clerk.*

W. L. ABBOTT,  
JOHN R. TREVETT.

## Meeting of May 22, 1913.

A special meeting of the Board of Trustees of the University of Illinois was held in the office of the Superintendent of Public Instruction, at Springfield, Ill., on Thursday, May 22, 1913, beginning at 3 p.m., pursuant to the following notice which was sent out by the secretary on May 16:

By order of the president, Mr. W. L. Abbott, a special meeting of the Board of Trustees of the University of Illinois will be held in the office of the Superintendent of Public Instruction, at Springfield, Ill., on Thursday, May 22, 1913, beginning at 3:00 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: Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Hoit, Mr. Trevett, Miss Watson. President James was present.

### PROPOSED CHANGES IN THE FINANCIAL MANAGEMENT OF THE UNIVERSITY.

President James presented a copy of a report by Messrs. Barrow, Wade, Guthrie & Company, Public Accountants, of Chicago, to Hon. James J. Brady, Auditor of Public Accounts of the State of Illinois, under date of April 12, 1913, covering an examination of the financial affairs of the University, and making certain recommendations with reference to changes in the financial management of the institution; also a communication from Prof. George E. Frazer, Comptroller, under date of May 15, 1913, commenting upon various statements and recommendations made in the above mentioned report.

President James also read in full a discussion which he had presented at a conference with the Governor and other State officers and certain members of the General Assembly at the Leland Hotel in Springfield on the evening of May 21, 1913.

After full discussion, President Abbott, asking Mr. Hoit to take the chair, offered the following resolution:

WHEREAS, Various radical propositions have been made looking to a change in the management of the finances of the University of Illinois; and,

WHEREAS, It is the sense of the Board of Trustees that some of the changes would be detrimental to the efficient management of the University; therefore, be it

*Resolved*, That the Board of Trustees of the University of Illinois hereby respectfully requests His Excellency, Hon. Edward F. Dunne, Governor of the State of Illinois, to use his influence to prevent any such changes being made until a better opportunity is offered for the careful investigation of the propositions and their effect than can be had during the closing hours of a busy session.

The foregoing resolution was adopted by the unanimous vote of the members present.

### APPROPRIATION TOWARD AN EMPLOYMENT BUREAU.

President James presented a recommendation from Prof. Thomas Arkle Clark, Dean of Men, that an appropriation of three hundred dollars (\$300) be made for the academic year beginning September 1, 1913, to assist in maintaining an employment bureau to help self-supporting students to find places to work.

On motion of Mrs. Evans, this recommendation was approved, the vote being as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr.

Hoit, Miss Watson; no, Mr. Trevett; absent, Mr. Dunne, Mrs. Henrotin, Mr. Meeker, Mr. Montgomery, Mr. Moore.

#### REIMBURSEMENT OF CHEMISTRY DEPARTMENT FOR EXPENDITURES FOR OTHER DEPARTMENTS.

President James presented a recommendation from Prof. W. A. Noyes, Director of the Chemical Laboratory, for an assignment to the Department of Chemistry of the sum of eight hundred forty-eight dollars and ninety-seven cents (\$848.97) to cover amounts which have been expended by the department during the current year for apparatus and chemicals furnished to other departments.

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

#### POWER OF ATTORNEY TO SIGN BONDS.

On motion of Mr. Blair, the following resolution was adopted, authorizing the President of the Board of Trustees to execute powers of attorney, appointing agents and attorneys in the several customs collection districts within the United States who shall have authority to receive and enter at the custom houses in such collection districts, goods, wares, and merchandise imported by the Board of Trustees:

WHEREAS, It is deemed advisable for the convenient and effectual transaction of the customs business of the Board of Trustees of the University of Illinois, a corporation organized and existing under the laws of the State of Illinois, to appoint in the several collection districts within the United States, agents and attorneys who shall have authority to receive and enter at the custom houses in such collection districts any and all goods, wares, and merchandise hereafter imported by said corporation, or which may hereafter arrive consigned to said corporation; to sign the name of said corporation to, and seal and deliver for and as the act and deed of the said corporation, any bond or bonds which may be required for or to secure the payment of duties and other charges on any and all such goods, wares, and merchandise, to sign the name of said corporation to, and seal and deliver for and as the act and deed of the said corporation any and all bonds requisite or necessary for obtaining the debenture and drawback on any and all goods, wares, and merchandise hereafter exported by the said corporation and to receive and receipt for debenture certificates and to collect the amount due thereon; to sign the name of said corporation to, and seal and deliver for and as the act and deed of the said corporation, any and all other bonds which are or may be required by the customs laws and regulations issued in pursuance thereof, and any and all bonds which may be voluntarily given and accepted in customs procedure, and to endorse any and all bills of lading covering merchandise exported with benefit of drawback, and to execute any and all necessary documents which are required for drawback purposes; and on behalf of the said corporation to make declaration of ownership of any and all goods, wares, and merchandise imported by said corporation, and generally to transact at the said custom houses any and all customs business in which said corporation is, or may be, concerned or interested, and which may be properly transacted or performed by agents or attorneys:

Now, therefore, at a special meeting of the Board of Trustees of the University of Illinois, held at the office of the Superintendent of Public Instruction of the State of Illinois (an ex officio member of said Board of Trustees), in the city of Springfield, Ill., on the 22d day of May, A.D. 1913, a quorum being present, it is hereby

*Resolved*, That the President of the said Board of Trustees be, and he hereby is authorized, on behalf of the said corporation, and as its act and deed, to execute such powers of attorney appointing agents and attorneys in the several customs collection districts within the United States, or any of them, as in his opinion are or may be necessary or proper to carry into effect the purposes and objects set forth in the foregoing preamble, said powers of attorneys to have affixed to them the corporate seal of said corporation, duly attested by the secretary of said corporation.

#### SABERS AND BELTS TO BE GIVEN TO CADET OFFICERS AT GRADUATION.

President James presented a request from Col. B. C. Morse, Commandant, that the sabers and belts worn by officers of the cadet regiment during their senior year be given to them by the University upon graduation; this would

necessitate the replacing of these articles by the University each year; the number involved this year would be 25 sabers at \$7.25 each, or \$181.25, and 25 belts at \$2.50 each, or \$62.50, making a total of \$243.75; Colonel Morse believes that this concession would tend to stimulate a desire for these positions.

On motion of Mr. Blair, this recommendation was approved, and an appropriation of two hundred forty-three dollars and seventy-five cents (\$243.75) was made for the purpose. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Hoit, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mrs. Henrotin, Mr. Meeker, Mr. Montgomery, Mr. Moore.

#### APPOINTMENT OF AN INSTRUCTOR IN VOICE.

President James presented a recommendation that Mr. Heber D. Nasmyth be appointed Instructor in Voice in the School of Music for the academic year beginning September 1, 1913, at a salary of seventeen hundred dollars (\$1700) for the year.

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

#### PERMISSION FOR THE ERECTION OF A MEMORIAL GATEWAY.

President James presented a request from the Class of 1913 for permission to erect a memorial gateway facing Wright Street at the beginning of the walk running along the south side of Lincoln Hall to the Auditorium. This request was approved.

The board adjourned.

W. L. ABBOTT, *President.*

C. M. McCONN, *Secretary.*

## Meeting of June 10, 1913.

---

The regular quarterly meeting of the Board of Trustees of the University of Illinois was held in the Trustees' Room, in the Natural History Building, University Campus, Urbana, on Tuesday, June 10, 1913, beginning at 10 A.M.

When the board convened the following members were present: Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson.

### MINUTES APPROVED.

The secretary having presented the minutes of April 4, 1913, the following corrections were noted:

(1) To be inserted on page 210 immediately above the heading "Appropriation for the College of Medicine":

(1a) A bill from Mr. C. H. Blackall, Architect, one of the members of the Commission on Campus Plans, for professional services in the preparation of studies for the extension of the campus, and for the expenses of three trips from Boston to Chicago and Champaign, amounting to \$962.36, approved by Professor James M. White, Supervising Architect.

Action on this matter was deferred.

(2) The last paragraph on page 211 to read as follows:

On motion of Mr. Montgomery, it was voted that the President of the University be given leave of absence for such period during the summer and fall of the current year as may be necessary to enable him to attend the International Conference on Education at The Hague; such attendance to be without expense to the University.

With these corrections the minutes of the meeting of April 4, 1913, were approved.

The secretary presented the minutes of the board meetings of April 24, May 9, and May 22, 1913, which were approved.

### LEGALITY OF EXECUTIVE COMMITTEE MEETING OF APRIL 24, IN QUESTION.

Mr. Trevett offered the following motion:

That the minutes of purported meeting of the Executive Committee April 24, 1913, be not approved.

For the reason that no notice of the intention of holding such a meeting was given to the members of the committee.

That any action taken at such purported meeting was illegal, void, and of no effect.

On motion of Mrs. Henrotin, the foregoing motion was laid on the table for the time being. The vote on the motion to lay on the table was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore; noes, Mrs. Busey, Mr. Trevett, Miss Watson; absent, Mr. Blair, Mr. Dunne, Mr. Meeker, Mr. Montgomery.

### AUTHORITY TO CONFER DEGREES.

President James requested authority to confer degrees at the Forty-second Annual Commencement to be held on Wednesday, June 11, 1913, on the persons recommended therefor by the faculties of the several colleges

and schools and the University Senate, as listed below. On motion of Mrs. Busey, such authority was granted.

### SUMMARY OF DEGREES.

#### *Degrees in the Graduate School—*

A.M.	54
M.S.	53
C.E.	5
E.E.	5
M.E.	2
Ph.D.	20
Total	139

#### *Baccalaureate Degrees—*

A.B., College of Literature and Arts	137
B.L., College of Literature and Arts	1
A.B., College of Science	66
B.S., College of Science	24
B.S., College of Engineering	179
B.S., College of Agriculture	95
B.Mus., School of Music	7
Total	509

#### *Degrees in Law—*

LL.B.	23
J.D.	3
Total	26

#### *Degrees in Library Science—*

B.L.S.	8
Total, Colleges and Schools in Urbana	682

#### *Degrees in Medicine—*

M.D.	130
------	-----

#### *Degrees in Pharmacy—*

Ph.G.	33
Ph.C.	3

Total	36
Total, Departments in Chicago	166
Total, all Departments	848

### LIST OF DEGREES.

#### THE COLLEGES AND SCHOOLS AT URBANA.

(Degrees Conferred June 11, 1913.)

#### THE COLLEGE OF LITERATURE AND ARTS.

##### The Degree of Bachelor of Arts.

##### *In General Courses.*

(With Thesis.)

Louis Allen,	Frederick Mortimer Atkinson, Jr.,	Jessie Fay Miller, Lena Josephine Myers.
--------------	-----------------------------------	---

(Without Thesis.)

Helen Abbott,	Lucy Center Bradrick,	Mallie Leona Davis,
Lillian May Alband,	James Fearon Brown,	Ruth Leone Davison,
Ruby Letitia Allen,	Mary Viola Bruner,	Gladys Eade,
Clarence Felix Anderson,	Mabel Estelia Burwash,	Hazel Elizabeth Fancher,
Isabella Anderson,	Mary Gladys Burwash,	Mildred Helen Felmley,
Peach Helen Andrews,	Helen Cecella Byrne,	Ruth Mae Freeman,
Glenn Cliffe Bainum,	Florence Adelaide Cas-singham,	Louise Wallace Garrett,
Julia Minnetta Barber,	Kathleen Marcella Clyne,	Lloyd Elias Gohn,
Leslie Carroll Barber,	Eleanor Marie Combse,	Joe Carpenter Grout,
Martha Elizabeth Bonham,	Josephine V. Conley,	Mabel Magdalene Haines,
Bertha Estelle Bourdette,	Meta Consoer,	Paul Johnson Haldeman,
Frances Josephine Boyd,	Norma Cooley,	Harry Ingalls Hannah,
		Fay Charles Hare,

Julia Alberta Harper,  
Clara Belle Harshbarger,  
George Wirt Herrick,  
Joseph Howard Hinshaw,  
Mary Mildred Hoskins,  
Jose Ledesma Jalandoni,  
Alice Sarah Johnson,  
Nelle Irene Johnson,  
Mae Elizabeth Kelley,  
Cora Mae Lane,  
Ida Clementine Larkin,  
Theodore Edwin Loehr,  
Sarah Eula Loutzenhiser,  
Joseph McCrary McCune,  
Mabel McIntyre,  
Henry Theodore McKinney,  
Maryon Evelyn Mounts,  
Fanny Newman,  
Arthur Hook Ogle,  
Margaret Pack,

Helen Lucy Parker,  
Lola Maude Peterson,  
Opha Belle Fletcher,  
Agnes Nellie Porter,  
Ethel Alice Ranson,  
Alice Redhed,  
Harry Payne Reeves,  
Lillian Riddle,  
Nellie Pauline Righter,  
Nellie Read Roberts,  
Eva Love Robertson,  
Florence Elinor Robinson,  
Russel Curtis Rottger,  
Richard Yates Rowe,  
Ethel Imogene Salisbury,  
Jacob Philip Scheid,  
Otto Paul Schinnerer,  
Louise Gustava Schlutius,  
Plascie Lafayette Schoolcraft,  
Ralph Cleland Scott,

Edith Irene Sendenburgh,  
Edith Adeline Shultz,  
Bertha Anna Siemen,  
Mrs. Cora Hutton Sisam,  
James Roy Skiles,  
Margaret Katherine Theilen,  
Calvin William White,  
Mary Louise White,  
Helen Woodrow Whitney,  
Fay Willerton,  
Lulu Hazel Williams,  
Belle Williamson,  
Ardie Geraldine Woods,  
George Edward Woods,  
Mabel Fern Worrell,  
Allen Thurman Wright,  
Samuel Anthony Wright,  
Henry Charles Zels,  
Robert Paul Zimmerman.

*In Business Courses.*

(With Thesis.)

Jay Austin Colvin,  
Cassius Bannister Conrad,  
Thomas Albright Cunningham,

Harry Catlin Fuls,  
Henry Elisha Gaddis,  
Lewis Throckmorton Gregory,

Charles Nelson Hill,  
Arthur Seymour Nevins,  
Harwell Cloud Thompson,  
Wing Fooe Wong.

(Without Thesis.)

James Henry Colombo,  
Frederick Boyden Cortis,  
Theodore Augustus Fritchey, Jr.,  
Roscoe Herman Hicks,  
Fred Albert Hinrichsen,  
William Samuel Krebs,  
Louis Warren Lohr,

Welby West Miller,  
Harry Rugee Mirick,  
James Lawrence Nichols,  
William Henry Pearson,  
Wilbur Homer Ponder,  
Willard Blaine Porterfield,  
Alva LeRoy Prickett,  
Temple Elliott Ridgely,

Milton George Henry Severyn-  
erghaus,  
Clarke H. Spitler,  
Cleaver Thayer,  
Clyde Hollis Threlkeld,  
William Richardson Voss-  
burg,  
Claude Harrison Watts.

*In Household Science.*

(Without Thesis.)

Ethel May Baird,  
Bess Boyers,

Margaret Fanny Leach,  
Elsie Patton,

Marie Jennie Stoltey,  
Irene Burchard Wheeler.

**The Degree of Bachelor of Literature.**

Mrs. Eliza Marilla Wright Canaday, of the Class of 1885.

**THE COLLEGE OF SCIENCE.**

**The Degree of Bachelor of Arts.**

*In General Science.*

(With Thesis.)

Juanita Elizabeth Darrah,  
Pearl Forest Grove,

Clarence Samuel Ross,

Mildred Clayton Seyster.

(Without Thesis.)

Carl Walter Allison,  
Albert King Atkinson,  
Johannes Petrus duBuisson,  
Victor Harold Cartwright,  
Homer Eldon Chenoweth,  
Clarence Farnsworth Churchill,  
Clifton Wirt Clark,  
Harold Dudley Clayberg,  
Chester Charles Dillon,  
Alexander Elston,  
Leo Weiss Elston,  
Claribel Fehrman,  
Lyman Marion Fort,

Hugo Joseph Hahn,  
James Francis Harshbarger,  
Edgar Paul Hermann,  
Stanley Hill,  
Russell Field Hunter,  
George Rufus Johnstone,  
Ernest Michael Rudolph Lamkey,  
Cyrus William Lantz,  
Francis DuLude Larkin,  
Henry Even McMullan,  
Theodore Decatur Meserve,  
Alice Elvira Morris,

George Mounce,  
Charles Everett Myers,  
Alma Jessie Neill,  
James Arthur Noon,  
Lyle Jay Pletcher,  
Charley Lyman Porter,  
Merwin Logsdon Prindle,  
Acors Earl Rathbun,  
Bryne Lucas Ray,  
Edward Michael Schalck,  
George William Seiler,  
Walter Andrew Shewhart,  
Roscoe Raymond Snapp,  
Frank Vennum Stipp,  
George Fred Sutherland,

Everett Harvey Taylor,  
Mabel Elizabeth Thorne,  
Reuben Raymond Turner,

Herman William Weis,  
Elsa Wintermeyer,  
Tsing Too Woo,

Chai Kao Wu,  
Chia Cheow Yen,  
Yung Yen Young.

*In Household Science.*

Sara Blanche Elizabeth  
Cartwright,  
Emma Margaret Fahrn-  
kopf,  
Marie Freeman,

Elizabeth Fruin,  
Marguerite Elston Gau-  
ger,  
Lucy Eleanor Hubbard,

Ada Eleanor Hunt,  
Clara Edith Locke,  
Cornelia Grace Mather,  
Maud Harriett Willard.

*In the Six-Year Medical Course.*

Henry Marks Goodyear,

Clark Culbertson Piper,

William Henry Woolston.

**The Degree of Bachelor of Science.**

(With Thesis.)

*In Ceramics.*

Henry Harrison Bartells,

Martin Robert Hornung,

Charles Claffin Rand.

*In Ceramic Engineering.*

Robert Back

*In Chemistry.*

King Yaou Chen,  
Michele Croce,  
Paul Revere Croll,

Charles William Knudsen,  
Jerome Francis Kohout,  
John Franklin Kraeger,

George Sinclair Nutt,  
George Eric Simpson.

*In Chemical Engineering.*

Huang Chen,  
Vee Gih Chu,  
Harry Rustling Cochran,  
Robert McFarland Cole,  
Phillmer Wymond Day,

Edward Anton Glenz,  
Eugene Hendricks Leslie,  
Courtland Leroy Munroe,  
Irving Randolph Ruby,

Clarence Scholl,  
Scott Champlin Taylor,  
Howard DeWitt Valen-  
tine.

**THE COLLEGE OF ENGINEERING.**

**The Degree of Bachelor of Science.**

*In Architecture.*

Harry Glen Aldrich,  
Frederick Edward Berger,  
Wilfred Francis Blather-  
wick,  
Alexander Rudolph  
Brandner,  
Francis Andrew Brown,  
William Henry Clare,  
Harold Hamilton Craw-  
ford,  
Edgar Nathan Drew,

Sozabu Furukawa,  
Strawn Aldrich Gay,  
James Reilly Gormley,  
Roger Charles Kirchhoff,  
Raymond Kenneth Knox,  
Charles Babcock McGrew,  
Joe Orlando Mitchell,  
Thomas Edward O'Don-  
nell,  
Charles John Pankow,

Lorentz Schmidt,  
Niels Chester Sorensen,  
Othello Raymond Stone,  
Bayard Freeman Taber,  
Harold Wertz Underhill,  
Arthur Mellinger Wag-  
goner,  
Wellington James Hamil-  
ton Wallace,  
Leo Harold Weisfeld.

*In Architectural Engineering.*

Wallace Berger,  
Edwin John Brockmeyer,  
Harry B. Cooley,  
Harold Francis Doerr,  
Ferdinand August Paul  
Fischer,  
Harry Llewellyn Foster,  
Theodore John Franzen,  
Paul Charles Gauger,

Richard Seaton Gregg,  
Murray Samuel Hanes,  
Edward A. Hribal,  
Vivian Johnson Ingold,  
Laurence Prescott Keith,  
John Henry Kuhl, Jr.,  
William James Larkin,  
Jr.,  
Daniel Hunt McGorrisk,

George Edward McIntyre,  
Ralph Uline Nichols,  
Harry Vivian Roberts,  
Andrew Frederick Soder-  
berg,  
Paul Valentine Strehlow,  
Harry Anthony Wier-  
sema,  
William Sidney Wolfe.

*In Civil Engineering.*

Roscoe Harrison Albright,  
William Orus Andrews,  
Bartow Strong Bascome,  
Ralph Anderson Bennitt,  
Paul Theodore Bock,  
Edward Wesley Bullard,

Nixon Lawrence Bunn,  
Glen Douglas Butzer,  
Howard Corley,  
Charles James Craigmile,  
Homer Watson Dahr-  
inger.

Euripides Fajardo y May-  
mir,  
Wilbur Earl Flood,  
Albert Stevens Fry,  
Merritt Rasmus Hansen,  
Emmett Joseph Healy,



Caryl Ames Holton,  
Richard Frederick Hux-  
mann,  
Waldemar Karkow,  
Arthur Willis Kimbell,  
Stuart Farnsworth Kos-  
ters,  
Frank Xavier Loeffler,  
Kendall Tuttle Murphy,  
Herbert Christian Peter-  
sen,  
Harold Peterson,

Ralph Gerald Peterson,  
Otto Coffeen Fitz Ran-  
dolph,  
Erwin Ambrose Reed,  
Hope Edwin Reum,  
Frank Charles Rohr-  
bough,  
Earl Rundles,  
George Stanley Sangdahl,  
Erwin Anthony Schmitz,  
Edwin Henry Swenson,

Marcus Prevost Taylor,  
Robert Edgar Turley, Jr.,  
Chester Andrus Vincent,  
Edward Wallace,  
Lyman Gage Wheeler,  
James Marion Whelan,  
Jr.,  
James Gordon White,  
Charles Earl Whitney,  
Roy Campbell Williams,  
Charles Abraham Wold.

*In Electrical Engineering.*

Henry Stillman Badger,  
Roscoe Edward Bailey,  
Stephen William Bur-  
strom,  
Thomas Hezekiah Cat-  
tron,  
Elmer Washburn Coffey,  
Guernsey Hill Cole,  
Elwin Ray Coolidge,  
George Raymond Corke,  
Harland Winn Corzine,  
Leslie Abijah Dole,  
Raleigh John Ehrhart,  
Dent Ferrell,  
Gustav George Fornoff,  
Carleton Willard Gates,  
George Lowthane Greves,

Lawrence Melville Hall,  
Nathaniel Pinckard  
Heath,  
Howard Christopher Hoh-  
mann,  
Emery Ford Holt,  
Charles Rush Horrell,  
Tadashi Iida,  
Harvey Judd Johnson,  
Rupert Forrest Jones,  
Walter Valentine Kaun,  
Charles John Kay,  
George Joseph Kay,  
Lee Carson Kent,  
Clarence Henry Kessler,  
Jesse C. Kramer,  
Robert Thomas Lattin,

Everett Samuel Lee,  
Frank Edward Marshall,  
Howard Mathews,  
John Alvin Maury,  
George William Mayes,  
Francis de Sales Misner,  
Philip Longworthy Ogden,  
John George Penn,  
Stuart Albert Ralston,  
Arthur Louis Riche,  
Alfred Dale Smith,  
Charles Miner Whaite,  
Fred Peter Wittich, Jr.,  
Herman Carl Wolf,  
Tsing Too Woo,  
Daniel Charles Wood,  
Fay Morse Wooldridge.

*In Mechanical Engineering.*

Walter Arthur Blakeslee,  
Roland Glenn Butler,  
Arthur William Claussen,  
Herbert Harper Constant,  
Edward Bernard Crist,  
Lewis Brown Ermeling,  
Louis Smith Ferguson,  
Paul Hedges Gibbs,  
Roscoe Conkling Harris,

Ralph Roscoe Hawkins,  
Lester Reginald Larsen,  
Edward Ross Luney,  
Harold Stanton McIntosh,  
John Howard Masters,  
Martin Ira Mix,  
Arthur Leslie Myers,  
Charles Robert Ogle,  
Benito Rene Ordonez,

Emmons Overmier,  
Walter Richard Reitz,  
Carl Arthur Schoessel,  
Sentaro Sekine,  
Arthur Moulton Simpson,  
Carl August Skoglund,  
Lloyd Gaston Smith,  
Herbert Percy Thompson.

*In Mining Engineering.*

Morris Louis Becker,  
Walter Stanley Middle-  
ton,

Merle Louis Nebel,  
Leonard Victor Newton,

Cecil Weldon Smith.

*In Municipal and Sanitary Engineering.*

Noble Arnold,  
Charles Malcolm Fuller,

William Carson Gessler,  
John Francis Schnellbach,

Glen Howelstein Stough.

*In Railway Civil Engineering.*

Edward Ernest Redder-  
sen,

Walter Clifford Sadler.

*In Railway Mechanical Engineering.*

Fred Joseph Prout,

Everett Gillham Young.

THE COLLEGE OF AGRICULTURE.

The Degree of Bachelor of Science.

*In Agriculture.*

(With Thesis.)

Irving Myron Brazier,

Murray Copenhaver,

Robert Lucius Hegnauer.

(Without Thesis.)

Seth David Abbott,  
James Burton Andrews,  
Charles Austin Atwood,  
Louis Peter Bauman,

Robert Edwin Blackburn,  
William James Broad-  
head,  
Arthur Maxwell Brunson,

Clarence Fletcher Bur-  
wash,  
Wilbur Jerome Car-  
michael,

William Charles Carr,  
John Ruggles Case,  
Hubert Arthur Cate,  
Conrad Lee Catron,  
Brahma Nath Chatterjee,  
Joseph Harvey Checkley,  
Co-Ching Chu,  
Ernest McChesney Clark,  
Walter Allen Cope,  
Lloyd Costar,  
Chester Watson Davis,  
James Russell Dilworth,  
Henry Clarence Eales,  
Guillermo Filiberto Escobosa,  
Trennace Flowerree,  
John Raymond Foster,  
George Edward Gentle,  
Harry Charles Gilkerson,  
Walter Frederick Hand-  
schin,  
George Madison Harner,  
Walter Samuel Hatch,  
Clair Edwards Hay,  
Arthur Floyd Heck,  
Josiah Campbell Hoke,

Clyde Whittaker Hudel-  
son,  
John Harvey Hughes,  
Andrew John Johnstone,  
Evans Sherwood Kern,  
Theodore Edmond Layden,  
Pao Kan Loh,  
Elon Charles Magee,  
Edward Harold Mann,  
Leland Stanford Markley,  
Leslie Eugene Mathers,  
Manley Bonham Mathers,  
Charles Thaddeus Meek,  
Loyal Leonard Minor,  
Hsiang-yueh Moh,  
John Lynde Neely,  
Claude Leslie Oathout,  
Harley Paris Ottman,  
Harry Glenn Parkinson,  
A.B., Waynesburg Col-  
lege,  
Newton Lyman Partridge,  
Harry Bruce Piper,  
Ford Smoot Prince,  
Fritz Rein,

Charles Leonard Reisner,  
Elmer Roberts,  
Herbert Judson Rucker,  
Ray Rumery,  
Ernest Eugene Sandall,  
Charles Bovett Sayre,  
Wen-Yu Shen,  
Raymond Stratton Smith,  
B.S., Pomona College,  
1907,  
Roscoe Raymond Snapp,  
Howard John Snider,  
Marshall Ankeny Souers,  
Leland Stanford Stallings,  
James Vail Stevenson,  
A.B., 1912,  
Charles Nelson Tarble,  
Jay Francis Thomason,  
William Carl Vauble,  
Chauncey Brown Watson,  
James Elmo Wiley,  
Alfred LeRoy Williams,  
Wai Shun Woo,  
Joseph Loyd Worrell,  
Yung Yen Young.

#### *In Floriculture.*

Maurice Robert Bebb,

William King Palmer, Jr.

#### *In Household Science.*

Viola June Crossland,  
Gertrude Louise Elliott,  
Lillian May King,

Margaret Christine Mc-  
Clintock,  
Hazel Emma Taylor,

Alice Maria Timmis,  
Tessie Elizabeth Trow-  
bridge.

#### *In Landscape Gardening.*

Robert William Hoffman,

Daniel Ray Hull,

William Lincoln Taylor,  
A.B., 1912.

#### *In the Teachers' Course.*

Harrison Fred Theodore  
Fahrnkopf,

Albert John Herbols-  
heimer,

Edward Harvey Wal-  
worth,

### THE COLLEGE OF LAW.

#### *The Degree of Bachelor of Laws.*

Cyril Agard Burns, A.B.,  
1911,  
Will M. Cannady, Jr.,  
Benjamin Harrison Crow-  
der,  
Everett Leslie Dalbey,  
James Everett Etherton,  
Charles Harrison Fletcher,  
Herrick Hopkins Har-  
wood,

Henry Collins Hay,  
George Wirt Herrick,  
William Edward Levis,  
Robert Charles Mize,  
Harry Clay Moore,  
Harry Edward Morgan,  
Arthur Marvin Morris,  
Jacob William Myers,  
A.B., 1911,

Charles Andrew O'Connor,  
Martin Frederick Oehmke,  
Clyde Harrison Parr,  
Ernest Albert Rich,  
Northworth Samuel Sar-  
geant,  
Fred Reeves Tate,  
Emil Joseph Verlie,  
Philip Henry Ward.

#### *The Degree of Doctor of Law.*

Roscoe Clarke Dillavou,  
A.B., 1911,

Chester Harold Farthing,  
B.S., McKendree Col-  
lege, 1909,

William Dudley Paul  
Farthing, B.S., Mc-  
Kendree College, 1909.

### THE SCHOOL OF MUSIC.

#### *The Degree of Bachelor of Music.*

(With Thesis.)

Mrs. Verna Kerker Busey,  
Hazel Iona Craig, A.B.,  
1910,

Maude Aroma Denny,  
Arthur Everett Holch,  
Olga Fern Moser,

Jeanette Stedman,  
Gladys Agnes Stevens.

THE LIBRARY SCHOOL.  
The Degree of Bachelor of Library Science.  
(Without Thesis.)

Flora Margaret Case, A.B., 1912.  
Elizabeth Henrietta Cass, A.B., 1912.  
Edith Harley Ford, Ph. B., University of Chicago, 1910.  
Laura Mary Hubbard, A.B., Western College for Women, 1896.  
Martha Winifred Knapp, A.B., Ohio Wesleyan University, 1899.  
Opha Belle Fletcher.  
Nellie Mabel Robertson, A.B., Moore's Hill College, 1900.  
Mary Torrance, A.B., Hanover College, 1900.

THE GRADUATE SCHOOL.  
The Degree of Master of Arts.

*In Botany.*

Mabel Elizabeth Dibell, A.B., Western College, 1910.

*In Chemistry.*

Lloyd Hayes Davis, A.B., Wabash College, 1911.  
Joseph Whitney Howard, A.B., Shurtleff College, 1912.  
Frank Garm Norbury, A.B., Illinois College, 1912.

*In Classics.*

Mary Anna Haan, A.B., 1912.  
Janet Malcolm Macdonald, A.B., Morningside College, 1910.  
James Asbury Palmer, A.B., A.M., Shurtleff College, 1897, 1901.  
Cornelia Ruth Seawell, A.B., Greenville College, 1912.  
Lily Belle Voegelien, A.B., Northwestern College, 1912.

*In Economics.*

Fred Emerson Clark, A.B., Albion College, 1912.  
Paul Wesley Ivey, A.B., Lawrence College, 1912.  
Donald Dee Kirk, A.B., 1911.  
Oscar Ross Martin, A.B., Central Wesleyan College, 1907.

*In Education.*

Charles Elmer Holley, A.B., 1912.  
James Ellsworth Wooters, Ph.B., Blackburn College, 1908.

*In Entomology.*

Daniel Milton Brumfiel, A.B., Lombard College, 1912.  
Alvah Peterson, B.S., Knox College, 1911.  
Margaret Washington, A.B., Smith College, 1912.

*In Geology.*

David Grosh Thompson, A.B., Northwestern University, 1911.

*In Germanic Languages.*

Absolom C. Erdahl, A.B., St. Olaf College, 1911.

*In History.*

Byne Frances Goodman, A.B., 1912.  
Jay Earl Miller, A.B., LL.B., University of Kansas, 1910, 1912.  
Rudolph Hans Nottelmann, A.B., Monmouth College, 1912.  
Arthur Frederic Peine, A.B., Illinois Wesleyan University, 1911.

*In Household Science.*

Alice Biester, A.B., 1912.

*In Mathematics.*

Ruby Mabel Grimes, A.B., Yankton College, 1911.  
 George Rutledge, A.B., 1910.  
 Ward Hastings Taylor, A.B., 1910.

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

Walther Albert Bucken, A.B., University of Wisconsin, 1911.  
 Ruth Mitchell Burns, A.B., 1911.  
 Ann Chester, A. B., 1905.  
 Sidney Hayes Cox, A.B., Bates College, 1911.  
 Homer Hall, A.B., 1912.  
 William Griffith Hill, A. B., Carthage College, 1912.  
 Joseph Allan Nevins, A.B., 1912.  
 Mary Margaret Spangler, A.B., 1911.  
 Orpha May Wellman, A.B., 1911.

*(German.)*

Sapho Cecelia Graham, A.B., Iowa State University, 1911.  
 Helen Dickson James, A.B., 1910.  
 Gretchen Katherine Lutz, A.B., Albion College, 1909.  
 Adolf Eduard Zucker, A.B., 1912.

*In Philosophy.*

Clyde Monroe Hobart, A.B., 1912.

*In Physics.*

Simeon E. Boomer, A.B., 1909.  
 Nellie Nancy Hornor, A.B., 1912.  
 Jonas Bernard Nathanson, A.B., Ohio State University, 1912

*In Political Science.*

Edward Samuel Dowell, A.B., Oberlin College, 1910.  
 Julius Ludwig Goebel, Jr., A.B., 1912.  
 Alfred Chester Hanford, A.B., 1912.  
 Philip Quincy Wright, A.B., Lombard College, 1912.

*In Romance Languages.*

Jay Karl Ditchy, A.B., University of Michigan, 1911.

*In Zoology.*

June Maud Ashley, A.B., University of Colorado, 1912.  
 Margaret Vara Cobb, A.B., Radcliffe College, 1910.  
 Jesse LeRoy Conel, A.B., James Millikin University, 1912.  
 Thomas Edgar Musselman, A.B., 1910.

**The Degree of Master of Science.***In Agronomy.*

Vun-din Chinzun Chang, B.S., 1912.  
 Wallace Macfarlane, B.S., University of Utah, 1910.  
 Peter John Olson, B. S., North Dakota Agricultural College, 1910.  
 Edward Melville Rhodes, LL.B., 1900, B.S., 1912.  
 Frank Archibald Wyatt, B. S., Agricultural College of Utah, 1910.

*In Animal Husbandry.*

Berton Eugene Carmichael, B.S., 1905.  
 Harry Orson Allison, B.S., 1906.  
 Frederick Weston Willson, B.S., Kansas State Agricultural College, 1905

*In Agricultural Engineering.*

Elwin Valentine Kratz, B.S., 1912.

*In Botany.*

Bronson Barlow, B.S., Michigan Agricultural College, 1902.  
Silas Edgar Farquhar, B.S., Earlham College, 1909.

*In Chemistry.*

Chester Charles Fowler, B.S., 1909.  
Henry Lawrence Huenink, A.B., Carroll College, 1911.  
Oliver Kamm, B.S., 1911.  
Roland Norton Miller, A.B., Lawrence College, 1911.  
Harold Hanson Mitchell, A.B., 1909.  
Fred Weaver Muncie, A. B., Wabash College, 1910.  
Carl Paxson Sherwin, B.S., John B. Stetson University, 1909, A.M., Indiana State University, 1912.  
Paul Stanley Woodward, B.S., John B. Stetson University, 1908.

*In Civil Engineering.*

Luan Chang, B.C.E., Tangshan Engineering College, 1911.  
Joseph Earl Huber, B.S., 1912.

*In Dairy Husbandry.*

William Truman Crandall, B.S.A., University of Wisconsin, 1909.  
Ray Stillman Hulce, B.S.A., University of Wisconsin, 1911.

*In Electrical Engineering.*

Clair Ellmore Anderson, B.S., 1911.  
Leo Mahlon Apgar, B.S., 1912.  
Glen David Bagley, B.S., 1912.  
Hugh Alexander Brown, B.S., 1911.  
Ira William Fisk, B.S., 1909.  
Genjiro Jinguji, B.S., 1912.  
Ippei Kiyohara, B.S., Washington State College, 1911.  
Mayne Seguire Mason, B.S., 1911.  
William Warren Peters, A.B., M.S., Knox College, 1911, 1912.  
Benjamin Salisbury Pfeiffer, B.S., 1912.  
David Chandler Prince, B. S., 1912.  
Robert St. Clare Seese, B. S., 1912.  
Alexander McDougall Simons, B.S., 1912.  
Mitsutaka Takahashi, B.E.E., Tokyo Higher Technical School, 1904.  
Archibald Beebe VanDeusen, B.S., 1912.  
Edward Hardenbergh Waldo, A.B., Amherst College, 1888, M.E., Cornell University, 1890.  
Frank Gardner Willson, B.S., University of Wisconsin, 1903.

*In Entomology.*

Edna Mosher, B.S.A., Cornell University, 1908.  
Ying-Hsuan Hsuwen Tsou, B.S., Cornell University, 1912.

*In Geology.*

Robert Wesley Brown, B.S., Northwestern University, 1911.

*In Mathematics.*

Ola Mattie Josephine Eskelson, B.S., Hedding College, 1912.

*In Mechanical Engineering.*

Karl John Theodore Ekblaw, B.S., 1909.  
William Earl Mosher, Ph.B., M.E., Syracuse University, 1909-11.  
Siebolt Luke Simmering, B.S., University of Colorado, 1910.

*In Physics.*

Oscar Alan Randolph, B.S., Missouri School of Mines, 1911.

*In Railway Engineering.*

Harold Allen Houston, B.S., Purdue University, 1911.

*In Theoretical and Applied Mechanics.*

Willard Clarke Eells, B.S., 1911.  
Harrison Frederick Gonnerman, B.S., 1908.

*In Zoology.*

Gertrude Amelia Johnson, B.S., Northwestern University, 1911.  
Minnie Elizabeth Watson, A.B., Olivet College, 1909.

**The Degree of Civil Engineer.**

Arthur Francis Comstock, B.S., 1906.  
Louis Engelmann Fischer, B.S., 1898.  
Amund Marius Korsmo, B.S., 1909.  
William Horace Rayner, B.S., 1909.  
William Walter Smith, A.B., 1900, B.S., 1907.

**The Degree of Electrical Engineer.**

Edgar Francis Collins, B.S., 1898.  
Harry Gray Hake, B.S., M.S., 1907, 1910.  
Leonard Vaughan James, B.S., M.S., 1906, 1912.  
Charles Dietrich Wesselhoeft, B.S., 1902.  
Trygve D. Yensen, B.S., M.S., 1907, 1912.

**The Degree of Mechanical Engineer.**

Clem C. Austin, B.S., 1907.  
Thomas Armstrong Peebles, B.S., 1906.

**The Degree of Doctor of Philosophy.***In Chemistry.*

James Edgar Bell, B.S., University of Chicago, 1905.  
Lloyd Francis Nickell, A.B., A.M., 1909, 1911.  
Ralph Sydney Potter, A.B., Lake Forest College, 1909, M.S., 1911.  
Guy Yandall Williams, A.B., A.M., University of Oklahoma, 1906, 1910, M.S., University of Chicago, 1911.

*In Economics.*

George William Dowrie, A.B., Lake Forest College, 1901, A.M., University of Chicago, 1907.

*In Entomology.*

Hugh Glasgow, A.B., 1908.  
Robert Douglass Glasgow, A.B., 1908.

*In History.*

Susan Martha Reed, A.B., Mt. Holyoke College, 1907, A.M., 1908.  
Charles Manfred Thompson, A.B., A.M., 1909, 1910.

*In Mathematics.*

Josephine Elizabeth Burns, A.B., A.M., 1909, 1911.

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

John Walter Good, A.B., Erskine College, 1902, A.M., 1904.  
Clarissa Rinaker, A.B., Blackburn College, 1903, A.M., 1911.

*(German.)*

Frederick Henry Adler, A.B., Ohio State University, 1909, A.M., 1911.  
Philip Stephan Barto, A.B., A.M., 1906, 1910.  
Irma Elizabeth Voigt, A.B., A.M., 1910, 1911.

*In Philosophy.*

Queen Lois Shepherd, A.B., Northwestern University, 1907, A.M., University of Wisconsin, 1910.

*In Physics.*

John Wesley Hornbeck, B.S., Illinois Wesleyan University, 1906, A.M., 1909.

*In Zoology.*

James Edward Ackert, A.B., A.M., 1909, 1911.  
 Harley Jones Van Cleve, B.S., Knox College, 1909, M.S., 1910.  
 Paul Smith Welch, A.B., James Millikin University, 1910, A.M., 1911.

**HONORS.**

The secretary reported 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 LITERATURE AND ARTS.**

Louis Allen, in French.  
 Jessie Fay Miller, in Latin.  
 Lena J. Myers, in English.  
 H. C. Thompson, in Economics.

**SPECIAL HONORS.****IN THE COLLEGE OF SCIENCE.**

Robert Back, in Ceramic Engineering.  
 Eugene Hendricks Leslie, in Chemical Engineering.  
 Charles Claflin Rand, in Ceramic Engineering.

**IN THE COLLEGE OF ENGINEERING.**

Paul Theodore Bock, in Civil Engineering.  
 Harry B. Cooley, in Architectural Engineering.  
 Albert Stevens Fry, in Civil Engineering.  
 Arthur Louis Riche, in Electrical Engineering.  
 Harry Anthony Wiersema, in Architectural Engineering.

**IN THE SCHOOL OF MUSIC.**

Arthur Everett Holch.

**FINAL HONORS.****IN THE COLLEGE OF SCIENCE.**

Ernest Michael Rudolph	Alma Jessie Neill,	Everett Harvey Taylor,
Lamkey,	Mildred Clayton Seyster,	Mabel Elizabeth Thorne,
Cyrus William Lantz,	Roscoe Raymond Snapp,	Chia Cheow Yen.
Eugene Hendricks Leslie,		

**IN THE COLLEGE OF ENGINEERING.**

Henry Stillman Badger,	Howard Mathews,	Frank Charles Rohrbough,
Paul Theodore Bock,	George William Mayes,	Lloyd Gaston Smith,
Alexander Rudolph	Charles Babcock McGrew,	Lyman Gage Wheeler,
Brandner,	Merle Louis Nebel,	Harry Anthony Wiersema,
Harry B. Cooley,	Edward Ernest Reddersen,	William Sidney Wolfe.
Elwin Ray Coolidge,	Arthur Louis Riche,	
Albert Stevens Fry,		
Everett Samuel Lee,		

**IN THE COLLEGE OF AGRICULTURE.**

Charles Austin Atwood,	James Russell Dilworth,	Charles Bovett Sayre,
Maurice Robert Bebb,	Harrison Fred Theodore	Raymond Stratton Smith,
Arthur Maxwell Brunson,	Fahrnkopf,	Roscoe Raymond Snapp.
Ernest McChesney Clark,	Elmer Roberts,	

## IN THE COLLEGE OF LAW.

Everett Leslie Dalbey, William Dudley Paul Emil Joseph Verlie.  
Farthing,

## IN THE SCHOOL OF MUSIC.

Maud Denny.

## IN THE LIBRARY SCHOOL.

Nellie Mabel Robertson.

## THE FRANCIS JOHN PLYM FELLOWSHIP IN ARCHITECTURE.

Max Alfred Montgomery, 1912.

## THE B'NAI B'RITH PRIZE.

First Prize, David M. Riff.  
Second Prize, Nathan C. Seidenberg.

## 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:

William Orus Andrews,	Howard Christopher Hoh-	Newton Lyman Partridge,
Frederick Mortimer At-	mann,	Ernest Albert Rich,
kinson,	Charles Rush Horrell,	Irving Randolph Ruby,
James Fearon Brown,	Roger Charles Kirchhoff,	Charles Bovett Sayre,
Wilber Jerome Car-	Jerome Francis Kohout,	Carl Arthur Schoessel,
michael,	Eugene Hendricks Leslie,	Milton George H. Sever-
Guerney Hill Cole,	Frank Xavier Loeffler,	inghaus,
Lewis Brown Ermeling,	Merle Louis Nebel,	Marcus Prevost Taylor,
Carleton Willard Gates,	Ralph Uline Nichols,	Cleaver Thayer,
Edward Anton Glenz,	William King Palmer,	Harwell Cloud Thompson,
	Charles Abraham Wold.	

## THE UNIVERSITY GOLD MEDAL.

Henry Walter Hollard.

## THE HAZELTON GOLD MEDAL.

Walter Rathfon Fischer.

## DEGREES IN THE DEPARTMENTS IN CHICAGO.

The secretary presented also for record the lists of students of the College of Medicine 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 10, 1913, in Chicago.)

Haroutoune Asadour Ad-	Ione Fisher Beem, A.B.,	Francis Joseph Cayley,
rounie, A.B.,	James Henry Bloomfield,	John Baptist Cipriani,
Albert Lee Alderson, B.S.,	Herbert Clarence Bolstad,	Frank Neill Cliff,
James Wesley Aldridge,	A.B.,	Mayer Coffler, Ph.B.,
Benjamin S. Anspach,	Cleaver Henry Brinker-	Everett Porter Coleman,
Henry Wilson Averill,	hoff,	Urban Volpert Comes,
M.M.,	Ernest August Bredlau,	Ph.G.,
Michael John Badzmier-	William Riley Brown,	Lyman Joseph Cook, A.B.,
owski,	Frank Earl Browning,	Samuel LeCount Cook,
Irving Francis Barnett,	Stephen Malcolm Burdon,	Robert Archie Crawford,
Nathaniel Isadour Bas-	Theodore David Burger,	Drexel Lowry Dawson,
kind,	Marjorie Irene Cameron,	Anthony Ferdinand Del-
Herman Henry Bassler,	Francis Vincent Carberry,	fosse,
M.D.,	Clyde Lowe Casey,	Raymond Frank Dowell,



James Casper Droste,  
A.B., Ph.B.,  
Warren Zachary Earl,  
Alba Clinton Edwards,  
Sheftel Jacob Elner,  
Anton John Firtik,  
Georgia Adell Filley,  
Samuel Clifton Fleming,  
A.B.,  
Chester Watson Fouser,  
Adolph Mitchell Frank,  
William Arthur Frymire,  
Vernanda Joshua Funker-  
burk, M.D.,  
Robert Ludwig Furby,  
Leon Glassman,  
Carl Henry Golbeck,  
Jesse Trott Grayston,  
Paul Swing Hageman,  
Gwyn Forbes Haig,  
John Harvey Hansen,  
William Henry Hazlett,  
William Albert Henke,  
M.D.,  
Maurice Charles Hennes-  
sey,  
Clara Alma Hergert,  
Allan Joseph Hruby,  
Lydie Jespersson,  
Sven Jespersson,  
Frank Hetherington Kelly,  
Ph.C., D.D.S.,  
Ray Porter Kile,  
Howard Talcott Knight,  
Frank Joseph Kotalik,  
Constantine John Kour-  
soumis,  
John Charles Matthew  
Krasa,  
Disraeli William Kobat,

Alvin Wilfred LaForge,  
LL.B., M.D.,  
Charles Philip Lapin,  
Joseph Sebastian Lund-  
holm,  
Myron E. Lollar,  
John Harry Luczak,  
Christine Lukas,  
August Henry Lueders,  
Frank Chalmers McClan-  
ahan,  
Eugene Andrew McCor-  
nack,  
Desmond Francis Mc-  
Guire,  
Gordon Lawrence Mc-  
Lellan,  
John Maxwell,  
Harry Albert Meyers,  
Eugene Abraham Mitzen-  
macher,  
Marie Anna Motis, M.D.,  
Emery Bowers Neff,  
Harry Nichols,  
Albert Goodsell Noble,  
John Francis Oates,  
Arthur Robert Ohman,  
James Archibald Orbison,  
Leroy Lowell Parke,  
Frank Rauch Patton,  
Leigh Klumb Patton,  
A.B.,  
Everett Herbert Pea,  
Ernest Ballard Pearson,  
A.B.,  
Howard Samuel Perry,  
Ray Humbert Petty,  
John Justin Powell, B.S.,  
Edward Harold Rategan,  
Blake Edwin Ray,  
Clark William Zugg.

Walter Joseph Ream,  
Alfred Edwin Rhein,  
M.D.,  
Imas Pryor Rice,  
Robert Salem Salk,  
Rufino Abriol Santos,  
Alvah Lewis Sawyer,  
B.S.,  
Isador Sidney Segall,  
Harry Stevenson Seiwel,  
Lewis August Seymer,  
Harve Roy Sharpe,  
Charles Arthur Sima,  
Lloyd Himbaugh Sim-  
mons,  
Bessie Belle Sinclair,  
Edward Frank Slavik,  
Guy Arthur Sloan,  
Clarence Vernon Smith,  
Floyd Albert Smith,  
George Henry Smith,  
Bonnell Marie Souder,  
Samuel Stein,  
Charles Warren Stigman,  
Eldora Alice Thomas,  
B.S.,  
Henry Howard Towles,  
Max William Trentzsch,  
Harvey Willard Tupper,  
George Alexander Wag-  
ner, M.D.,  
Raymond Lawrence Wall,  
Willis Herbert Watson,  
Jerome Jacob Weil,  
Paul Brown Welch,  
Todd J. Wilson,  
Philip Herman Wolfram,  
B.S.,  
Ralph Hueston Woods,  
Ph.G.,

#### THE SCHOOL OF PHARMACY.\*

##### The Degree of Pharmaceutical Chemist.

Matthew Virgil Boutte (Class of 1911).  
Forrest Omo Snyder.  
James Silas Vann.

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

President James presented the following matters for consideration:

##### APPROPRIATION FOR MILITARY DEPARTMENT.

(1) A request from Professor George E. Frazer, Comptroller, for an appro-  
priation of two hundred dollars (\$200) to cover the expenses of the Military  
Department until June 30, 1913.

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

##### APPROPRIATION FOR REBATES TO STUDENTS.

(2) A request from Professor George E. Frazer, Comptroller, for an appro-  
priation of four hundred dollars (\$400) to meet rebates to students up to June  
30, 1913.

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

\* For the list of persons receiving the Degree of Graduate in Pharmacy (conferred April 24, 1913, in  
Chicago) see page 213.

### IMPORT ORDER FOR ZOOLOGY.

(3) A request from Dr. H. B. Ward, Professor of Zoölogy, endorsed by Dr. E. J. Townsend, Dean of the College of Science, for authority to place an import order not to exceed one thousand dollars (\$1,000) for the Department of Zoölogy for the coming academic year.

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

### LEAVE OF ABSENCE FOR PROFESSOR FAIRLIE.

(4) A request from Dr. John A. Fairlie, Professor of Political Science, for leave of absence, without salary, for the second semester of the academic year 1913-14; it being Professor Fairlie's desire to spend the time in Europe, chiefly in Great Britain and Germany, in the study of political and municipal institutions.

On motion of Mrs. Evans, it was voted that the President of the University be authorized to grant this request, provided he can make proper arrangements for the care of Professor Fairlie's work in his absence.

### STATEMENT CONCERNING EXPERIMENT FIELDS.

(5) A letter from Dr. C. G. Hopkins, Professor of Agronomy, addressed to Dean Davenport under date of May 13, 1913, containing a statement in regard to the operation of certain experiment fields.

This communication from Professor Hopkins was received to be printed in the minutes:

May 13, 1913.

*Dean Eugene Davenport, College of Agriculture.*

DEAR DEAN DAVENPORT: In reply to an inquiry from President James in regard to experiment fields held by "verbal lease," I beg to say that these are fields on which the work originated essentially as cooperative experiments, in which the farmer furnished the land, did most of the work upon the field, and took the crops produced, but we insisted upon having an exact record kept, and at the end of the season, if the value of the crops produced exceeded the rental value of the land and fair remuneration for labor, then the difference was remitted by him and turned in as receipts to the University treasury. If, on the other hand, the value of the produce was less than the cost of labor plus the rental value of the land, then a bill was presented and the difference paid to the farmer by the University.

This method of operating the experiment fields first established was approved by yourself, by the President of the University, and by the business office. I may say that the University has never had a lease of some of these old experiment fields. Subsequently legal leases have been secured in a number of cases, but in other cases it is impossible to secure such leases.

Attention may be called to the fact that when these oldest experiment fields were thus established there was almost no definite information in existence regarding the number or character or extent of the soil types in this State. The establishing of experiment fields was prescribed in connection with the first small appropriation for soil investigation, and in order that the experiment fields might be located to the greatest possible advantage it was necessary to cooperate with farmers who had wide experience and knowledge concerning the important types of soil in other sections of the State. In order to secure uniform and representative tracts of land for the experiments the fields were sometimes located in the middle of the man's farm. In all cases there was an agreement on the part of the farmer that he would continue the cooperation for at least six years if the University so desired.

The fact that single communities have subsequently raised as high as \$7,000 for the purpose of purchasing and deeding over to the University a tract of land, to be selected by us as the most suitable among a dozen or more different tracts offered, in order that field experiments may be conducted upon the land with no cost to the University, for land or rental, helps one to understand something of the benefits that have been derived from our old experiment fields, and of the difficulties under which the field experiments were begun in more than fifteen different places in the State when the total appropriation for all kinds of soil investigation was only \$10,000, and when it was impossible to buy land or even to buy implements for the cultivation of the fields and care of the crops.

Later, when it became possible to begin the establishment of permanent experiment fields, we secured perpetual leases, as stated above, on some of these old fields, and we also adopted the plan of having remitted to the University as receipts from the experiment fields the value of the total produce, whether sold to the cooperating farmer or to anyone else and of requiring him to submit his bill for labor and for use of land to be paid in full by warrant.

Perhaps the expression "verbal lease" is not the proper one to use in reference to these old experiment fields, for we have no lease of the land. There are some of these old fields whose permanent possession we still hope to secure, either by donation or by perpetual lease, but the situation is such that if we should undertake to force immediate action we should, of course, lose possession of the

field at once. On some other fields we are expecting to discontinue the cooperative work at the end of the present season, which will complete twelve years of investigation covering three full four-year crop rotations. In a few cases it will be best, however, to continue the present arrangement for a number of years more if it is possible to do so, even though there is no expectation that the University may ever secure legal control of the field. While it has abundantly served the purpose for which it was established, yet if we have no permanent experiment field in the locality it continues to render large service and exert large influence every year, and it adds of course annually valuable data bearing directly upon the problems of permanent agriculture.

In the list of experiment fields which has been furnished to the comptroller and to which President James refers, I think it would be better to change the expression "verbal lease from" to read "cooperative experiment field with," and will be glad to know the opinion of yourself and President James regarding this point.

Yours very truly,  
CYRIL G. HOPKINS.

#### RESIGNATION OF DEAN QUINE.

(6) The resignation of Dr. William E. Quine as Dean of the College of Medicine, to take effect June 30, 1913, or as soon thereafter as his successor is appointed.

It was voted to accept the resignation of Dr. Quine as Dean of the College of Medicine.

#### REPORT ON THE PRINTING OF THE ALUMNI RECORD.

(7) A statement from James H. Kelly concerning the preparation and distribution of the second edition of the Alumni Record; with a recommendation that the sum of five hundred dollars (\$500) be paid to Mr. Kelley for extra work done in the preparation of this volume.

On motion of Mrs. Evans, it was moved that this statement be printed in the minutes, and that an appropriation be made for a payment of five hundred dollars (\$500) to Mr. Kelly as recommended. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoyt, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Meeker, Mr. Montgomery.

June 9, 1913.

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

DEAR SIR: Permit me to submit herewith a statement regarding the publication of the 1913 Alumni Record.

The following appropriations were made by the Board of Trustees:

July 8, 1911, preliminary appropriation for second edition of the Alumni Record	\$ 500 00
July 5, 1912, appropriation to cover expense of printing and publishing the new edition of the Alumni Record	5,000 00
	<hr/> \$5,500 00

Data from the alumni, faculty members, and trustees were collected under twenty-four headings on a questionnaire mailed in November, 1911. About 60 per cent of those addressed responded to the first communication. The fifth communication, registered and containing a self-addressed, stamped envelope, was finally sent to 575 addresses. This brought responses from all but 102. For these the data were compiled from records in the registrar's office. Careful inquiry from every available source gave recent addresses for all but fourteen of these.

A contract with specifications for printing three thousand copies of the Alumni Record was submitted to various printers, and the following bids were received:

Pantagraph Printing & Stationery Co.	\$4,810 00
Flanigan-Pearson Co.	3,934 00
R. R. Donnelley & Sons Co.	3,825 00

On July 23, 1912, the contract was let to R. R. Donnelley & Sons for \$3,825.

By February 22, 1913, two thousand two hundred (2,200) advance orders for the Alumni Record had been received at \$1.50. Because of this number of orders, five hundred (500) additional copies of the book were ordered from Donnelley & Sons at 54 cents, the contract price for additional copies.

The first consignment of completed books was received from the printer April 24, 1913.

The 1913 Alumni Record contains biographical sketches as follows:

Baccalaureate alumni 1872-1911	4,998
Graduate alumni to and including 1911 (but not included in baccalaureate alumni)	251
Honorary alumni (not included in baccalaureate alumni)	47
	<hr/> 5,296
Faculty	1,174
Trustees	137
	<hr/> 1,311

Deductions for alumni who are or were—		
(1) Faculty members .....	391	
(2) Trustees .....	10	
	<u>401</u>	
Number of sketches .....		910
Names listed with addresses—		6,206
1912 baccalaureate alumni .....	526	
1912 advanced degree alumni .....	112	
	<u>638</u>	
Total number of names .....		6,844

## SUMMARY OF ALUMNI.

From 1872-1911 .....	5,296	
1912 baccalaureate classes .....	526	
Graduate alumni .....	731	
Honorary alumni .....	102	
	<u>6,655</u>	
Deductions for baccalaureate alumni included in graduate and honorary alumni .....	423	
	<u>6,232</u>	
Total number of alumni .....		6,232

## FINANCIAL STATEMENT.

Appropriations by Board of Trustees—		
July 8, 1911 .....	\$ 500 00	
July 5, 1912 .....	5,000 00	
	<u>5,500 00</u>	
Disbursements—		
Student wages .....	\$724 99	
Freight .....	22 64	
Express .....	5 70	
Supplies .....	4 88	
Prints .....	9 55	
Insurance .....	1 00	
	<u>\$ 768 76</u>	
R. R. Donnelley & Sons, Chicago, May 5,		
1913, Labels and Cartons—		
3,400 cartons @ \$25 .....	\$85 00	
3,500 labels .....	6 00	
	<u>\$ 91 00</u>	
May 26, 1913, 3,483 Alumni Record 1913;		
928 pages and 12 tips—		
3,000 copies, 1,000 pp. and 12 tips est. ....	\$3,825 00	
483 copies, 1,000 pp. @ 54c. ....	260 82	
74.8 hours hand alterations @ \$1. ....	74 80	
206 hours machine alterations @		
\$1.50 .....	309 00	
1 copy negative 8x10 Armory. ....	1 50	
Repairing plate of buildings. ....	2 50	
Pasting label and wrapping books		
singly for express .....	48 90	
	<u>\$4,522 52</u>	
Less 72 pp. 3,000 copies @		
\$3.20 pp. ....	\$230 40	
Less 72 pp. 483 copies @		
\$24 M. ....	11 59	
	<u>241 99</u>	
	<u>4,280 53</u>	
Total to R. R. Donnelley & Sons .....		4,371 53
Total .....		5,140 29
May 31, 1913, bal. in appropriation		\$359 71

## DISTRIBUTION OF BOOKS.

Number of copies received .....		3,483
Advance orders filled .....	2,203	
Later orders filled .....	140	
Distributed gratis .....	45	
Copies on hand .....	1,095	
	<u>3,483</u>	

## RECEIPTS.

To June 9, 1913 .....	\$2,375 70
-----------------------	------------

## ORDERS NOT PAID.

To June 9, 1913, 760 @ \$1.50 .....\$1,140 00

\$3,515 70

Respectfully submitted,  
JAMES H. KELLEY.

## LLEWELLYN PRIZE FOR ARCHITECTURAL ENGINEERS.

(8) The following letter from Mr. Joseph C. Llewellyn, of Chicago, a graduate of the University of the Class of 1877, offering to establish, for a period of four years, a prize of fifty dollars (\$50) per annum for a problem in design, the competition to be limited to the architectural engineers:

April 29, 1913.

*Professor F. M. Mann, Champaign, Ill.*

MY DEAR PROFESSOR MANN: I have noticed with considerable interest the desire of the architectural engineers at work in the offices of architects and elsewhere to acquire some knowledge of architectural design. The advantage of such knowledge is apparent to any one who has attempted to work architectural draftsmen and architectural engineers together, and I can not help but feel that any instruction which would acquaint the architectural engineers with the principles of designing would be a distinct advantage both to themselves and those who employ them.

I realize it is practically impossible to crowd into a four years' course all that a young man should have, but it has occurred to me that a prize offered to architectural engineers for the best presentation of some simple problem in design might induce them to do a little outside thinking, reading, and work along this line, so have this proposition to make to you.

I will give you fifty dollars (\$50) annually for the next four years as a prize for a problem in design, limited to the architectural engineers. Beyond the four years I make no promise. It remains to be seen what good will come from the experiment.

Yours very truly,  
J. C. LLEWELLYN.

It was voted that this gift be accepted, and that the thanks of the Board of Trustees be sent to Mr. Llewellyn.

## LIST OF EXPERIMENT FIELDS.

(9) Lists of the experiments fields which are being operated by the Departments of Agronomy and Horticulture of the College of Agriculture.

These lists were received to be printed in the minutes:

## [EXPERIMENT FIELDS OPERATED BY THE DEPARTMENT OF AGRONOMY.]

Field.	Year located.	No. of acres.	Method of holding.
Cutler .....	1902	18	Permanent lease with rent, \$6 per acre.
Du Bois .....	1902	5	By rent, \$4 per acre.
Odin .....	1902	20	Permanent lease with rent, \$5 per acre.
Virginia .....	1902	11 $\frac{1}{8}$	By rent, \$8 per acre.
Mascoutah .....	1902	14 $\frac{1}{2}$	By rent, \$8 per acre.
Sibley .....	1902	7 $\frac{1}{2}$	By rent, \$6 per acre.
Bloomington .....	1902	4	By rent, \$8 per acre.
Momence .....	1902	5 $\frac{3}{4}$	By rent, \$5 per acre.
Antioch .....	1902	1 $\frac{1}{10}$	By rent, \$5 per acre.
Galesburg .....	1904	25	By rent, \$8 per acre.
Rockford .....	1904	13 $\frac{1}{4}$	By rent, \$8 per acre.
Fairfield .....	1905	40	By rent, \$5 per acre.
DeKalb .....	1906	36 $\frac{1}{4}$	By rent, \$8 per acre.
Vienna .....	1906	16	Purchased by University.
Manito .....	1907	12 $\frac{1}{2}$	By rent, \$5 per acre.
Union Grove .....	1907	20	By rent, \$8 per acre.
Magnolia .....	1907	6	By rent, \$6 per acre.
Ewing .....	1910	20	By deed of gift.
Carlinville .....	1910	20	Permanent lease without rent.
Raleigh .....	1910	14	By deed of gift.
Unionville .....	1910	20+	By deed of gift.
Minonk .....	1910	15	By deed of gift.
La Moille .....	1910	20	By deed of gift.
Mt. Morris .....	1910	20	By deed of gift.
Dixon .....	1910	20	By deed of gift.
Lebanon .....	1910	20	By deed of gift.
Aledo .....	1910	20	By deed of gift.
Carthage .....	1911	20	By deed of gift.
Clayton .....	1911	20	By deed of gift.
Hartsburg .....	1912	20	By deed of gift.
Oblong .....	1912	20	By deed of gift.

LIST OF EXPERIMENT FIELDS—*Concluded.*

Field.	Year located.	No. of acres.	Method of holding.
Newton .....	1912	30	By deed of gift.
Pana .....	1912	30	By deed of gift.
Sidell .....	1912	20	By deed of gift.
West Salem .....	1912	24	By deed of gift.
Enfield .....	1912	20	By deed of gift.
Toledo .....	1913	17	By deed of gift.

April, 1913.

## [EXPERIMENT FIELDS OPERATED BY THE DEPARTMENT OF HORTICULTURE.]

April 15, 1913.

*Dean E. Davenport, Urbana, Ill.*

DEAR DEAN DAVENPORT: In response to your request for information regarding the experimental fields now in operation by the Department of Horticulture, I beg leave to submit the following:

The only experimental tracts owned by the department outside of Urbana are a 76-acre farm at Olney and the 19-acre Gunn orchard near by. The orchard has been used for spraying and renovation experiments, and the 76-acre tract has been planted with some 400 varieties of apples and peaches which have been bred for the purpose by the department. We also have considerable small fruit area on this place. The plantings of both small and orchard fruits will be greatly extended this year.

The only tract which we have leased at the present time is the 19-acre Eggington orchard  $4\frac{1}{2}$  miles west of Flora in Clay County. Adjoining this tract we have fourteen acres at what was known as the Hannon orchard, which has been under our supervision for twelve years. The 14-acre tract is used by the department for fertilizer experiments.

The balance of our experimental work has been and will continue for some time to be, conducted in cooperation with the owners of orchards, wherever we can make the most satisfactory arrangements for the pursuance of the work. During the past three years we have had twelve acres at Neoga in cooperation with Mr. H. A. Aldrich; at Anna two acres in the Anderson orchard; and at Griggsville five acres in the Turner orchard.

In addition to the orchard work, we have had experimental vegetable work at Anna, Cobden and Kimmunity, in cooperation with tomato and melon growers. These areas, however, have been small, never more than two acres in extent.

If this does not give all the information you desire for the president, I will be glad indeed to go more in detail.

Respectfully submitted,

J. C. BLAIR,

*Head of Department of Horticulture.*

## ASSIGNMENT OF BALANCES, COLLEGE OF AGRICULTURE.

(10) A recommendation from Dr. Eugene Davenport, Dean of the College of Agriculture, that the following prospective balances be assigned as indicated:

*Prospective Balances.*

Veterinary science .....	\$6,800 00
Agricultural extension .....	7,000 00
Unassigned balances .....	2,200 00
Total .....	\$16,000 00

*Assignment of Prospective Balances.*

To the College and Experiment Station .....	\$6,500 00
To the Horticultural Department .....	4,500 00
To the Dairy Department .....	4,000 00
To the Household Science Department .....	1,000 00
Total .....	\$16,000 00

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

## REPORT OF THE WORK OF THE RESEARCH LABORATORY IN NUTRITION.

(11) A report from Dr. H. S. Grindley, Professor of Animal Chemistry, of the work of the Research Laboratory in Nutrition from its establishment in 1897 to the present time

This report was received to be printed in the minutes:

May 6, 1913.

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

MY DEAR PRESIDENT JAMES: I transmit herewith Exhibit A to E inclusive, which give summaries of the funds, results, publications, etc., of the Research Laboratory in Nutrition since the beginning of the work in 1897.

Exhibit A gives a list of the special research funds of the Research Laboratory in Nutrition.

Exhibit B gives a summary of some of the more important results of the Research Laboratory in Nutrition since the beginning of the work in 1897.

Exhibit C gives a list of the publications from the Research Laboratory in Nutrition from 1897 to the present date.

Exhibit D gives a list of the manuscripts ready or almost ready for publication. Exhibit E is a collection of quotations from investigators who have either quoted the results of this laboratory or have written us regarding the results of our investigations.

I shall be pleased to furnish you any additional information you may desire in this connection.

Very truly yours,  
H. S. GRINDLEY.

#### EXHIBIT A.

##### SPECIAL RESEARCH FUNDS OF THE RESEARCH LABORATORY IN NUTRITION, 1897-1901.

The research work in nutrition in this laboratory was started in 1897, with the cooperation of the Office of Experiment Stations of the United States Department of Agriculture. The first researches in nutrition of this laboratory were made to determine the food requirements of man.

From 1897 to 1907 the United States Department of Agriculture assisted this research laboratory by granting, during this period of ten years, \$7,500 to aid our researches.

During 1902 and 1904 this nutrition laboratory received two grants from the Elizabeth Thompson Science fund of Boston, amounting to \$550.

In 1906 and 1907 the laboratory received two grants, amounting to \$1,000, from the cold storage interests of Chicago.

During the years 1898 to 1907 the Illinois Agricultural Experiment Station furnished, with the approval of the Trustees of the University, this Research Laboratory of Nutrition \$8,500 for this work.

From 1907 to 1909 the American Meat Packer's Association appropriated \$50,000 for the nutrition investigations of this laboratory.

From 1908 to 1911 the Trustees of the University voted \$28,745 for our researches.

#### EXHIBIT B.

##### SUMMARY OF SOME OF THE MORE IMPORTANT RESULTS OF THE RESEARCH LABORATORY IN NUTRITION SINCE THE BEGINNING OF THE WORK IN 1897.

1. The investigations have proved conclusively that the cheaper cuts of meat are just as wholesome, just as nutritious, and in every way just as good as the more expensive cuts from the same carcass, except that the latter give greater gratification to the palate.

2. The researches of this laboratory have resulted in the perfection of a precise method of roasting meats, by which it is possible to cook meats under conditions that can be exactly controlled with scientific accuracy, thus giving products that are more palatable, more digestible, and therefore more nutritious, than such meats cooked under conditions less accurately controlled. The results of this line of investigation have been made the basis of a valuable fireless cooking device by a prominent American manufacturing company.

3. The results of extensive and elaborate digestion experiments which have been made by this Research Laboratory show that meat of all sorts is to be classed among the very digestible foods, and that differences in kind, cut, or method of preparation for the table have less effect upon the ease or the thoroughness of digestion than has been frequently claimed. These investigations have conclusively demonstrated the fact that meats have a very high nutritive value considered from the standpoint of their digestibility.

4. As a result of 150 experiments to determine the losses of nutrients occurring during the cooking of meats, it has been shown: (a) That considerable water (34 to 67 per cent) was lost no matter what the method of cooking, the greatest amount being lost in pot roasting and sauteing, a moderate amount in boiling and broiling, and the least amount in roasting; (b) that the losses in crude protein varied from 1 to 7 per cent, the greatest loss occurring in boiling and the smallest in broiling; (c) that the losses of fat varied from 5 to 44 per cent, the greatest loss occurring in roasting and pot-roasting, while in sauteing considerable fat was added to the meat; (d) that the losses of mineral matter varied from 3 to 45 per cent, the greatest loss occurred in boiling and the smallest in sauteing. In general, the various methods of cooking meats materially modify the appearance, texture, and flavor of the meat, and hence its palatability, but have comparatively little effect upon the total nutritive value.

5. The extensive dietary studies of the inmates of the State charitable institutions which have been made by the workers of this laboratory under the auspices

of the Pellagra Commission, appointed by Governor Deneen to investigate the cause of this disease and to study the food conditions of the inmates of these institutions of this State have shown that the dietaries of the inmates of these institutions of this State are chiefly vegetable in nature and that they undoubtedly could be decidedly improved by increasing the amounts of animal foods, and by giving them more variety by furnishing fresh fruits and vegetables in season to insure the proper quantities of mineral elements. Quite aside from any contribution to the pellagra question, these researches have clearly demonstrated that the broader problems of diet in public institutions are well worthy of continued investigation by methods which are accurate and by persons who are competent.

6. The nutrition investigations upon man that have been made by this laboratory have given by far the greatest amount of exact scientific data upon the normal nutrition of man that has ever been obtained up to the present date, as the result of one continuous investigation of a group of men. The detailed study that has already been given to this vast mass of experimental data shows beyond doubt that scientific and practical results of much value to the science of nutrition and of direct benefit to the people of this State will in the end be the outcome of these researches. The results of this investigation are of fundamental importance and value to the nutrition of man in disease, and are therefore of inestimable value to sanitary and public health, as also to the sciences of medicine, physiology, nutrition and biological chemistry.

7. These investigations upon the nutrition of man have shown that nitrates are widely distributed in our common foods, especially fresh vegetables and fresh fruits, and that individuals living mainly upon vegetables and fruits ingest as much or even more nitrates than individuals consuming one-half to three-fourths of a pound of cured meats per day. It is evident from the results of these investigations that nitrates are present in a number of the organs and the fluids of the animal body. Further, it seems more than probable that nitrates in minute amounts enter into many of the processes of metabolism in the animal organism just as they do in the plant organism.

8. Recent statistical methods have been successfully applied for the first time to the interpretation and study of the experimental data of metabolism experiments upon man and farm animals. The application of these statistical methods to such data is of more importance, for thereby the deductions will be logical and more nearly correct and therefore of greater significance and of more influence in securing the health of the public.

9. The investigations of this laboratory have shown that there are apparently significant seasonal variations in practically all of the nutritional processes of man. For example, the average number of red cells in the blood of twenty men in November was 5,732,000 per cubic millimeter, while in July the number averaged only 4,721,000.

10. The large amount of scientific data recorded in connection with the nutrition experiments upon men furnishes important information as to the influence of the different classes of foods, i.e., vegetable and animal foods, and also as to the influence of different kinds of individual foods, i.e., meats, milk, bread, fruits, etc., upon the nutrition and the health of man.

11. Our researches have shown that in the case of normal adult men, eating an ordinary mixed diet, the average number of fecal bacteria excreted daily is about  $33 \times 10^{12}$ ; the average daily bacterial dry substance about 5.34 grams; and the daily bacterial nitrogen 0.585 grams, making up 46.3 per cent of the total fecal nitrogen. There is considerable individual variation in the average quantity of fecal bacteria even in persons taking the same diet. The number of fecal bacteria brought to development on artificial media is a minute fraction of the total fecal bacteria microscopically visible.

12. The studies of this laboratory have shown clearly that there is marked variability in the functional activities of the same man or lower animal and of different individuals of the same species. For example, the coefficients of variability of the average quantities of the various forms of urinary nitrogen excreted in twenty-four hours by six normal men were as follows: Urea nitrogen 6.8 to 8.2; ammonia nitrogen 6.7 to 13.5; creatinin nitrogen 5.6 to 7.7; uric acid nitrogen 4.2 to 11.5.

13. About 280 individual digestion experiments with steers, 50 with swine and 18 with sheep have been made. It is impossible to summarize in any detail at this time the results of these experiments. Among the most interesting of the results are the following: (a) The apparent coefficients of digestibility of the feeds vary inversely as the amounts of feed consumed i.e., a steer on maintenance apparently digests relatively more from a given ration than a steer on full feed; (b) a ration containing a liberal supply of protein is more digestible than one containing a minimum amount of protein; (c) apparently the coefficients of digestibility of clover hay are increased when the proportion of concentrates—corn and oil meal—in the ration is increased.

14. A large number of experiments have been made to determine the influence of different kinds of feeding stuffs upon the growth, fattening, and nutrition of beef cattle, swine and lambs. Several publications giving the results of these lines of research are now either in press or being prepared for publication.

15. It has been demonstrated experimentally that a daily ration consisting of ground corn, blood meal, and an ample amount of calcium phosphate, containing only 0.27 pounds of digestible protein, and yielding 3.40 therms of metabolizable energy per 100 pounds of live weight, was not sufficient for normal nutrition of pigs.

16. It has been proven by experiments that daily rations consisting of ground corn, blood meal, and an ample amount of calcium phosphate, containing 0.68 and 8.89 pounds of digestible protein, and yielding 4.18 and 4.39 therms of metabolizable energy per 100 pounds of live weight, were sufficient for the normal nutrition of pigs.



17. We have apparently proved that steers may be fattened upon a very low protein ration. The results obtained clearly indicate that Chittenden's theory as to the desirability and economy of low protein rations for men should be closely studied both theoretically and experimentally from the standpoints of the lower animals and of the economic production of beef, mutton and pork.

18. Our experimental results show that the quantity of feed furnished fattening steers decidedly influences the proportion of the feed digested by the animals. The greater the feed eaten, the less is the coefficient of digestibility of the nutrients.

#### EXHIBIT C.

#### PUBLICATIONS FROM THE RESEARCH LABORATORY IN NUTRITION.

##### A. From 1897 to 1906, Inclusive.

1. *A Study of the Milk Supply of Chicago.* By Jane Addams and H. S. Grindley. University of Illinois. Agr. Exp. Sta. Circular, No. 13, pp. 1-18 (1898).
2. *A Study of Foods.* By H. S. Grindley. Published by the Department of Chemistry of the College of Science of the University of Illinois, Circular, pp. 1-7 (1898).
3. *Analysis of Foods.* By H. S. Grindley. University of Illinois, College of Science, Circular, pp. 1-14 (1899).
4. *Nutrition Investigations.* By H. S. Grindley and J. L. Sammis. U. S. Dept. of Agr., Office of Experiment Stations, Bul. 91, pp. 1-20 (1900).
5. *Experiments on Losses in Cooking Meats.* By H. S. Grindley, with the cooperation of H. McCormack and H. C. Porter. U. S. Dept. of Agr. Office of Experiment Stations, Bul. 102, pp. 1-64 (1901).
6. *The Artificial Method for Determining the Ease and the Rapidity of the Digestion of Meats.* By H. S. Grindley and Timothy Mojonnier. The University Studies, University of Illinois, Vol. I, April, 1903, pp. 185-208.
7. *The Chemistry of Flesh. I. The Nitrogenous Constituents of Flesh.* By H. S. Grindley. Journ. Amer. Chem. Soc., Vol. 26, pp. 1086-1107 (1904).
8. *A Study of the Nitrogenous Constituents of Meats.* U. S. Dept. of Agr., Bur. of Chem., Bul. 81, pp. 110-118 (1904).
9. *Experiments on Losses in Cooking Meats.* By H. S. Grindley and Timothy Mojonnier. U. S. Dept. of Agr., Office of Experiment Stations, Bul. 141, pp. 1-95 (1904).
10. *On the Presence of Cottonseed Oil in Lards from Hogs Fed upon Cottonseed Meal.* By A. D. Emmett and H. S. Grindley. Journ. Amer. Chem. Soc., Vol. 27, pp. 263-270 (1905).
11. *The Chemistry of Flesh. II. Imported Methods for the Analysis of Animal Substances.* By H. S. Grindley and A. D. Emmett. Jour. Am. Chem. Soc., Vol. 27, pp. 658-678 (1905).
12. *Studies on the Influence of Cooking upon the Nutritive Value of Meats.* By H. S. Grindley and A. D. Emmett. U. S. Dept. of Agr., Office of Experiment Stations, Bul. 162, pp. 1-230 (1905).
13. *The Chemistry of Flesh. III. A Study of the Phosphorus Content of Flesh.* By A. D. Emmett and H. S. Grindley. Jour. Amer. Chem. Soc., Vol. 28, pp. 25-63 (1906).
14. *The Chemistry of Flesh. IV. A Study of the Proteids of Beef Flesh.* By P. F. Trowbridge and H. S. Grindley. Jour. Amer. Chem. Soc., Vol. 28, pp. 469-505 (1906).

##### B. From 1907 to 1913, Inclusive.

15. *Comparative Test of Spiro's and Folin's Methods for the Determination of Ammonia and Urea.* By Paul E. Howe and P. B. Hawk. A paper read before the Amer. Soc. of Biol. Chemists, December 30, 1907. Abstract published in Proceedings of the Soc., Vol. 1, No. 3, pp. 104-105 (1907).
16. *Studies on the Effect of Different Methods of Cooking upon the Thoroughness and Ease of Digestion of Meat.* By H. S. Grindley, with the cooperation of Timothy Mojonnier and Horace C. Porter. U. S. Dept. of Agr., Office of Experiment Stations, Bul. 193, pp. 1-100 (1907).
17. *A Precise Method of Roasting Beef.* By Elizabeth C. Sprague and H. S. Grindley. The University Studies, University of Illinois, Vol. IV, May 15, 1907, pp. 287-321.
18. *The Chemistry of Flesh. V. Methods for the Determination of Creatinin and Creatin in Meats and their Products.* By H. S. Grindley and H. S. Woods. Journ. Biol. Chem., Vol. 2, pp. 309-315 (1907).
19. *Chemistry of Flesh. VI. Further Studies on the Application of Folin's Creatin and Creatinin Method to Meats and Meat Extracts.* By A. D. Emmett and H. S. Grindley. Journ. Biol. Chem., Vol. 3, pp. 491-516 (1907).
20. *Analyses of Meat Extracts.* By H. S. Grindley and H. H. Mitchell. U. S. Dept. of Agr., Bul. 116, pp. 45, 48, and 50 (1908).
21. *The Uric Acid Excretion of Normal Men.* By P. J. Hanzik and P. B. Hawk. Jour. Biol. Chem., Vol. 5, pp. 355-365 (1908).
22. *Necessity of Investigations as to the Effects of Cold Storage upon Food Products.* By H. S. Grindley. Ice and Refrigeration, Vol. —, pp. — (1908).
23. *Importance of Research to the Packers.* By H. S. Grindley. The Amer. Food Journ., Vol. 3, pp. 5-8 (1908).
24. *The Anaerobic Bacteria of the Human Intestine and Some Methods for their Isolation.* By W. J. MacNeal, L. L. Latzer, and J. E. Kerr. Read at the Lake Placid Conference on Home Economics, July 6-10, 1908. Abstract published

in the Proceedings of the Tenth Annual Conference of the above organization (1908).

25. *The Chemistry of Flesh*. By H. S. Grindley. A paper read before the Amer. Chem. Soc., Chicago, May 23, 1908. Abstract published in Journ. Amer. Chem. Soc., Vol. 30, p. 76 (1908).

26. *The Determination of Ammonia in Meat and Meat Products*. By F. W. Gill and H. S. Grindley. A paper presented to the Amer. Soc. of Biol. Chemists, December 30, 1907. Abstract published in Science, Vol. 27, p. 497 (1908).

27. *On the Efficiency of Thymol and Refrigeration for the Preservation of Urine, as Shown by Comparative Analyses for the various Nitrogenous Constituents at the end of 24, 48, 72, and 96 hours*. By P. B. Hawk and H. S. Grindley. A paper presented to the Amer. Soc. Biol. Chemists, December, 1907. Abstract published in the Proceedings of the Society, Vol. 1, No. 3, pp. 103-104 (1908).

28. *The Determination of Total Sulphur in Urine*. By F. W. Gill and H. S. Grindley. Journ. Amer. Chem. Soc., Vol. 31, 52-59 (1909).

29. *The Daily Excretion of Bacteria in the Feces of Healthy Men*. By W. J. MacNeal, L. L. Latzer, and J. E. Kerr. Read before the Society of Experimental Biology and Medicine, February 17, 1909. Abstracted in the Proceedings of the Soc. for Exp. Biol. and Med., Vol. 6, pp. 88-89 (1909).

30. *The Fecal Bacteria of Healthy Men. I*. By W. J. MacNeal, L. L. Latzer, and J. E. Kerr. Journ. Infectious Diseases, Vol. 6, pp. 123-169 (1909).

31. *Comparative Tests of Spiro's and Folin's Methods for the Determination of Ammonia and Urea*. By P. E. Howe and P. B. Hawk. Journ. Biol. Chem., Vol. 5, pp. 477-484 (1909).

32. *The Chemistry of Animal Feces. I. A Comparison of the Analysis of Fresh and Air-Dried Feces*. By A. D. Emmett and H. S. Grindley. Journ. Amer. Chem. Soc., Vol. 31, pp. 569-579 (1909).

33. *The Preservation of Urine by Thymol and Refrigeration*. By F. W. Gill and H. S. Grindley. Journ. Amer. Chem. Soc., Vol. 31, pp. 695-710 (1909).

34. *The Chemistry of Animal Feces. II. The Determination of Fatty Matter in Animal Feces by Ether and Carbon Tetrachloride*. By A. D. Emmett. Journ. Amer. Chem. Soc., Vol. 31, pp. 693-695 (1909).

35. *The Determination of Total Sulphur in Urine*. By F. W. Gill and H. S. Grindley. A paper presented to the Amer. Soc. of Biol. Chemists, December 28, 1908. Abstract published in the Proceedings of the Society, Vol. 1, No. 4 (1909).

36. *The Influence of Cold Storage upon Flesh*. By A. D. Emmett and H. S. Grindley. A paper presented to the Amer. Soc. of Biol. Chemists, December 28, 1908. Abstract published in the Proceedings of the Society, Vol. 1, No. 4 (1909).

37. *Some Problems in Animal Nutrition*. By H. S. Grindley. A paper read before the Illinois Section of the American Chem. Soc., March, 1909. Abstract published in the Proceedings Amer. Chem. Soc., Vol. 31, p. 55 (1909).

38. *Animal Nutrition. The Chemical Composition of the Wholesale Cuts of Beef from Three Animals*. By A. D. Emmett and H. S. Grindley. A paper read before the Amer. Chem. Soc., July 1, 1909. Abstract published in Science, Vol. 30, p. 764 (1909).

39. *A Study of the Food Requirements of a Group of Twenty-four Men*. By H. S. Grindley and H. H. Mitchell. A paper presented to the Amer. Chem. Soc., July 1, 1909. Abstract published in Science, Vol. 30, p. 241 (1909).

40. *Primary Creatinin of Men in Health*. By H. S. Grindley. A paper read before the Amer. Chem. Soc., July 1, 1909. Abstract published in Science, Vol. 30, pp. 250-251 (1909).

41. *Urinary Nitrogen of Men in Health*. By H. S. Grindley. Paper presented to the Amer. Chem. Soc., Indianapolis, March 27, 1909. Proceedings of Amer. Chem. Soc., Vol. 31, p. 66 (1909).

42. *The Determination of Phosphorus in Foods, Feces, and Urine*. By F. W. Gill, J. B. Petersen, and H. S. Grindley. A paper read before the Amer. Soc. of Biol. Chemists, December 28, 1908. Abstract published in the Proceedings of the Society, Vol. 1, No. 4 (1909).

43. *The Chemistry of Flesh. VII. A Preliminary Study of the Effect of Cold Storage upon Beef and Poultry*. By A. D. Emmett and H. S. Grindley. Journ. of Indus. and Eng. Chem., Vol. 1, pp. 413-436 (1909).

44. *The Chemistry of Flesh. VIII. A Preliminary Study of the Effect of Cold Storage upon Beef and Poultry*. By A. D. Emmett and H. S. Grindley. Journ. of Indus. and Eng. Chem., Vol. 1, pp. 580-597 (1909).

45. *Chemistry in Its Relation to Animal Nutrition*. By H. S. Grindley and A. D. Emmett. Illinois Agriculturist, Vol. XIII, pp. 8-12 (1909).

46. *The Determination of Urea in Urine*. By F. W. Gill, F. G. Allison, and H. S. Grindley. Journ. Amer. Chem. Soc., Vol. 31, pp. 1078-1093 (1909).

47. *Total Nitrogen Determination by the Kober Method*. By F. W. Gill and H. S. Grindley. Journ. Amer. Chem. Soc., Vol. 31, pp. 1249-1252 (1909).

48. *The Bacteriology of Infectious Abortion*. By Ward J. MacNeal. Illinois Agriculturist, Vol. XIII, p. 21 (1909).

49. *The Fecal Bacteria of Healthy Men. II*. By W. J. MacNeal, L. L. Latzer, and J. E. Kerr. Journ. Infect. Diseases, Vol. 6, pp. 571-609 (1909).

50. *The Nutritive and Economic Values of the Cheaper Cuts of Beef as Compared with the Choice and Expensive Cuts*. By H. S. Grindley. Harper's Weekly, Vol. 54, February 26, 1910, pp. 11-12.

51. *Bacillus Abortus of Bang, the Cause of Contagious Abortion in Cattle*. By W. J. MacNeal and J. E. Kerr. Journ. Infect. Diseases, Vol. 7, No. 3 (1910).

52. *Pellagra*. By W. J. MacNeal. Illinois Medical Journal, Vol. 17, pp. 59-67 (1910).

53. *The Preservation of Meats by Cold Storage*. By H. S. Grindley. Illinois Medical Journal, Vol. 17, No. 2, pp. 152-7, February, 1910.

54. *The Determination of Inorganic and Organic Phosphorus in Meats.* By H. S. Grindley and E. L. Ross. Journ. Biol. Chem., Vol. VIII, pp. 483-493 (1910).
55. *On the Metabolism Experiment as a Statistical Problem.* By H. L. Rietz and H. H. Mitchell. Journ. Biol. Chem., Vol. 8, pp. 297-326 (1910).
56. *On the Preservation of Feces.* By P. E. Howe, T. A. Rutherford, and P. B. Hawk. Journ. Amer. Chem. Soc., Vol. 32, pp. 1683-1686 (1910).
57. *Protein as a Factor in the Nutrition of Animals. I. A Study of the Physical Constants of Fats from Swine.* By A. D. Emmett and E. C. Carroll. A paper presented to the Amer. Soc. of Biol. Chem., December 29, 1910. Abstract published in the Proceedings of the Society, Vol. II, No. 1 (1910).
58. *Report of the Bio-chemical Work Done under the Auspices of the Illinois Pellagra Commission.* By A. F. Wussow and H. S. Grindley. Report of the Pellagra Commission of the State of Illinois, pp. 197-241 (1911).
59. *The Etiology of Contagious Abortion of Cows.* By W. J. MacNeal. The Illinois Agriculturist, Vol. XV, pp. 8-14 (1911).
60. *On the Creation of the Flesh of Swine and Lambs.* By W. E. Joseph and A. D. Emmett. A paper presented to the Amer. Chem. Soc., Indianapolis, 1911. Abstract published in the Biochem. Bul. No. 1, p. 112 (1911).
61. *Effect of the Quantity of Protein Ingested on the Nutrition of Animals, III. On the Ash and Total Phosphorus of Muscle from Lambs.* By R. H. Williams and A. D. Emmett. A paper read before the Amer. Chem. Soc., Indianapolis, 1911. Abstract published in the Biochem. Bul., No. 1, p. 111 (1911).
62. *The Intestinal Bacteria of Pellagrins.* By W. J. MacNeal and Josephine (Kerr) Allison. Report of the Pellagra Commission of the State of Illinois, pp. 55-160 (1911).
63. *Studies in Nutrition. Investigation of the Influence of Salpeter on the Nutrition and Health of Man with Reference to its Occurrence in Cured Meats. Vol. III.* By H. S. Grindley and Ward J. MacNeal, with the assistance of F. W. Gill, H. H. Mitchell, and others. With the cooperation of an advisory board consisting of Russell H. Chittenden, Sheffield Scientific School of Yale University, David L. Edsall, Washington University Medical School, H. S. Grindley, University of Illinois, Albert P. Mathews, University of Chicago, and Theobald Smith, Harvard University Medical School. The University of Illinois, pp. 1-442. July, 1912.
64. *Effect of the Quantity of Protein Ingested on the Nutrition of Animals. VI. On the Chemical Composition of the Entire Body of Swine.* By A. D. Emmett and R. H. Williams. A paper presented to the Amer. Soc. of Biol. Chem., December 28, 1911. Abstract published in the Proceedings of the Society, Vol. II, No. 2, p. 69 (1911).
65. *Report on Organic and Inorganic Phosphorus in Foods (Summary).* By H. S. Grindley and E. L. Ross. U. S. Dept. of Agr., Bureau of Chemistry, Bul. 137, pp. 142-144 (1911).
66. *On the Chemical Composition of the Skeleton of Swine.* By A. D. Emmett and Carl Christopher. A paper presented to the Amer. Chem. Soc., Washington, 1911. Abstract published in Science, Vol. 35, p. 392 (1912).
67. *The Relative Nutritive Value of the Cuts of Beef.* A paper read before the Amer. Chem. Soc., Washington, 1911. Abstract published in Science, Vol. 35, p. 392 (1912).
68. *Relative Economy, Composition, and Nutritive Value of the Various Cuts of Beef.* By L. D. Hall and A. D. Emmett. Univ. of Ill. Agric. Exp. Sta. Bull. 158, pp. 135-233 (1912).
69. *Pellagra in Illinois.* Condensed Report of the Illinois Pellagra Commission. Drs. Frank Billings, J. L. Greene, O. S. Ormsby, C. W. Webster, H. S. Grindley, H. T. Ricketts, H. D. Singer and W. J. MacNeal. The Archives of Internal Medicine, Vol. 10, pp. 123-168; 219-249 (1912).
70. *Studies in Nutrition. An Investigation of the Influence of Salpeter on the Nutrition and Health of Man with Reference to its Occurrence in Cured Meats. Vol. IV.* By H. S. Grindley and Ward J. MacNeal, with the assistance of H. H. Mitchell, F. W. Gill and others. With the cooperation of an advisory board consisting of Russell H. Chittenden, Sheffield Scientific School of Yale University, David L. Edsall, Washington University Medical School, H. S. Grindley, University of Illinois, Albert P. Mathews, University of Chicago, and Theobald Smith, Harvard University Medical School. The University of Illinois, pp. 1-494. January, 1912.
71. *Studies in Nutrition. An Investigation of the Influence of Salpeter on the Nutrition and Health of Man with Reference to its Occurrence in Cured Meats. Vol. V.* By H. S. Grindley and Ward J. MacNeal, with the assistance of Josephine Kerr, William S. Shapin, Lenore L. Latzer and Thomas A. Rutherford. With the cooperation of an advisory board consisting of Russell H. Chittenden, Sheffield Scientific School of Yale University, David L. Edsall, Washington University Medical School, H. S. Grindley, University of Illinois, Albert P. Mathews, University of Chicago, and Theobald Smith, Harvard University Medical School. The University of Illinois, pp. 1-547, November, 1912.
72. *Food Values and the Cheaper Cuts of Beef.* By A. D. Emmett. The Illinois Agriculturist, Vol. 17, pp. 115-119 (1913).
73. *Report of the Biochemical Work Done under the Auspices of the Illinois Pellagra Commission.* By A. F. Wussow and H. S. Grindley. Report of the Pellagra Commission of the State of Illinois, 1911, pp. 197-241.
74. *The Intestinal Bacteria of Pellagrins.* By W. J. MacNeal and Josephine (Kerr) Allison. Report of the Pellagra Commission of the State of Illinois, 1911, pp. 55-160.
75. *The Protein and Energy Requirements of Fattening Lambs as Determined by a Study of American Feeding Experiments.* By Sleeter Bull and A. D. Emmett. A paper presented to the Amer. Chem. Soc., Milwaukee, 1913. Abstract published in Science, Vol. 37, p. 676 (1913).

## EXHIBIT D.

## MANUSCRIPTS READY OR ALMOST READY FOR PUBLICATION.

*A. Manuscripts Accepted for Publication.*

1. *A Review of American Investigations on Fattening Lambs with Special Reference to the Protein and Energy Requirements.* By Sleetor Bull and A. D. Emmett. Accepted for publication as a Bulletin from the Illinois Agricultural Experiment Station. Estimated printed pages, 40.
2. *The Element of Uncertainty in Feeding Experiments.* By H. H. Mitchell and H. S. Grindley. Accepted for publication as a Bulletin from the Illinois Agricultural Experiment Station. Estimated printed pages, 65.
3. *Studies in Nutrition. An Investigation of the Influence of Salpeter on the Nutrition and Health of Man with Reference to its Occurrence in Cured Meats. Vol. I.* By H. S. Grindley, Ward J. MacNeal and H. H. Mitchell. With the cooperation of an advisory board consisting of Russell H. Chittenden, Sheffield Scientific School of Yale University, David L. Edsall, Washington University Medical School, H. S. Grindley, University of Illinois, Albert P. Mathews, University of Chicago, and Theobald Smith, Harvard University Medical School.

*B. Manuscripts Almost Complete.*

1. *Influence of the Quantity of Protein Ingested by Growing Pigs on the Development of the Body.* By A. D. Emmett and H. S. Grindley. To be issued as a Bulletin from the Illinois Agricultural Experiment Station. Estimated printed pages, 45.
2. *The Relative and Actual Efficiency of Heavy, Medium and Light Rations for Feeding Steers as Determined from Digestion Experiments.* By H. W. Mumford, H. S. Grindley, L. D. Hall, and A. D. Emmett, with the cooperation of W. E. Joseph and H. O. Allison. To be published as a bulletin from the Illinois Agricultural Experiment Station. Estimated printed pages, 50.
2. *Coefficients of Digestibility of Feeds for Swine.* By Wm. Dietrich and H. S. Grindley. To be issued as a bulletin from the Illinois Agricultural Experiment Station. Estimated printed pages, 40.
4. *Correlation Studies in Metabolism. I. Method.* By H. H. Mitchell and H. L. Rietz. To be printed in the scientific journals. Estimated printed pages, 30.
5. *Correlation Studies in Metabolism. II. The Constituents of the Feces.* By H. H. Mitchell and H. S. Grindley. To be printed in the scientific journals. Estimated printed pages, 45.

## EXHIBIT E.

## THE VALUE OF THE WORK OF THE RESEARCH LABORATORY.

The work of the Research Laboratory in Animal Nutrition has received much notice from investigators the world over, and the results obtained have been widely and frequently quoted. That this is true may be seen from the following partial list of quotations.

Professor Lafayette B. Mendel, of Yale University in Science of April 9, 1909, says: "The evidence now seems conclusive that creatinine is not present performed in the muscular tissues (Grindley and Woods; Mellandy, 1909; Mendel and Leavenworth). This same author also refers to two publications from our Research Laboratory as follows: Emmett and Grindley, Jour. Biol. Chem., 1907, Vol. 3, p. 491; Grindley and Woods, Jour. Biol. Chem., 1907, Vol. 2, p. 309.

Dr. F. C. Cook, of the Laboratory of Animal Physiology, Bureau of Chemistry, U. S. Dept. of Agriculture, Washington, D. C., in the Journal of Biol. Chem., Vol. 6, p. XXIV, refers to the method of Grindley and Woods used for the determination of creatine and creatinine in meat extracts.

W. D. Richardson and Erwin Scherubel in the Jour. Chem. Soc., Vol. 30, p. 1526, say: "In general the methods of König, of Grindley, of Winton, of Bigelow and Cook were freely used and in some instances modified in the interest of simplicity, speed, and accuracy. In particular the cold water extract of Grindley," etc., etc. These authors quote six papers published from this Research Laboratory of Animal Nutrition.

Drs. W. D. Bigelow and F. C. Cook in Bulletin 114, p. 40, Bureau of Chemistry, U. S. Department of Agriculture, quote as follows: "Grindley and Woods have determined separately the kreatin and kreatinine content of several extracts of meat and found both present in varying amounts. It is necessary, therefore, to determine these two bodies separately when a careful study of the nitrogenous bodies of meat extract is made.

John Phillip Street, Report of the Conn. Agric. Ex. Station, Food Products, 1908, quotes the work of the Research Laboratory as follows: "The characteristic salts of true meat extracts are potassium dihydrogen phosphate, and potassium monohydrogen phosphate, the former predominating, Trowbridge and Grindley Journ. Amer. Chem. Soc., 1906, 28, p. 471. "As already stated, the chief acid phosphates of meat are potassium dihydrogen and potassium monohydrogen phosphate. The former is acid to phenolphthalein, while the latter is neutral to this indicator, Trowbridge and Grindley, Jour. Amer. Chem. Soc., 1906, 28, p. 471." "Trowbridge and Grindley have shown that all the proteins thus far obtained from flesh react acid to phenolphthalein. The determination of the true acidity of a meat extract is therefore a matter of much difficulty." "Emmett and Grindley, in their extended study of the phosphorus content of flesh, found that phosphorus

acid made up the following percentage of the total ash———" "The same authors have also shown that the water-soluble phosphorus of aqueous extracts of flesh is not in combination with the coagulated protein, with the proteoses, or with the peptones, but is due to non-protein bodies. (Jour. Amer. Chem. Soc., 1906, 28, p. 56.)" "In only four brands of extracts are Emmett and Grindley's figures satisfied." "Topelius and Pommerehne, Wörner, and Grindley and Woods have shown that fresh meat gave no traces of creatinin." "Grindley and Woods also showed that by the evaporation of an aqueous extract from the flesh upon the water-bath, in the presence of its natural acidity, creatin was changed to creatinin. It may be, therefore, that the relative amounts of these bases present may give some evidence as to the freshness of the extracts, as well as to the kind of meat employed in their manufacture, Jour. Biol. Chem., 1907, Vol. 2, p. 309." "Emmett and Grindley have studied the alleged defects in Folin's method and find, while on the whole Hebner's Criticisms are not fully sustained by the facts, that in the determination of creatin, at least, certain modifications are advisable; namely, an increase in the quantities of picric acid and alkali used, Jour. Biol. Chem., 1907, Vol. 3, p. 491." "We have also made a few tests of the modification suggested by Emmett and Grindley and find the slightly higher results are in general obtained thereby." "A comparison of the results secured by our modification and that of Emmett and Grindley is shown in the following tabulation——"

Professor Harry Snyder, of the University of Minnesota and the Minn. Exp. Station, in his book on Human Nutrition, pp. 108-111, quotes from five of the publications of this Research Laboratory. The same author in his book "Chemistry of Plant and Animal Life," pp. 388-389, quotes from the research work of this laboratory.

Professor E. H. Bailey in his book Sanitary and Applied Chemistry refers to a number of the publications of this laboratory.

Dr. F. C. Benedict, of the Carnegie Nutrition Investigation Laboratory, refers to the fact that Grindley and Woods (Jour. of Biol. Chem., 1907, 11, p. 309) found that there were present in the beef extract twice as much creatin as creatinin. They also refer to the work of this Research Laboratory as follows: "Grindley and Woods have found that when meat juice, containing practically no creatinin, is allowed to stand in the presence of picric acid and sodium hydroxide, a red color develops indicating a conversion of creatin to creatinin."

Director L. H. Bailey, of the New York Agricultural Experiment Station, in the third volume of The Cyclopaedia of American Agriculture, Chapter 9, pp. 263-270, in the article on meat, "Its Nutritive Value, Selection, and Preparation," quotes extensively from the researches of this laboratory. Of the 7¼ pages, 1/6 is given to abstracts or direct quotations from the publications of this Research Laboratory, and of the list of literature at the end of the article, one-third are publications from this laboratory.

Dr. Otto Poline, of Harvard University Medical School, in his article in the Journal of American Chemical Society, entitled "The Determination of Total Sulphur in Urine," refers repeatedly to the research work of this laboratory.

Dr. H. P. Armsby, Director, Institute of Animal Nutrition, Pennsylvania State College, Expert in Animal Nutrition, Bureau of Animal Industry, in Bull. 108, Bureau of Animal Industry, U. S. Dept. of Agric., quotes as follows: "Lean cuts of meats, however, may contain much less fat than is indicated by the above statement. Thus Grindley and Emmett (U. S. Dept. of Agr., Office of Experiment Stations, Bull. 162) analyzed seven samples of beef round from which the visible fat had been removed, the average of the seven analyses being as follows——"

Dr. W. H. Jordan, Director of the New York Experiment Station, in an article upon the Effects of Phosphorus Compounds with Milch Cows in American Jour. of Physiology, Vol. 16, p. 309 (1906), quotes as follows: "Emmett and Grindley (Jour. Amer. Chem. Soc., 1906, Vol. 28, p. 5), in their researches on the chemistry of the flesh of steers, have made a study of its phosphorus content in various forms. Their results show that the total phosphorus for such flesh soluble in cold water ranged from 0.146 per cent to 0.257 per cent, averaging approximately 0.2 per cent. Of this 0.12 per cent consists of soluble inorganic phosphorus bodies, chiefly potassium phosphates, only about 0.08 per cent being in the form of organic phosphorus compounds."

Annual Reports of the Progress of Chemistry issued by the London Chemical Society have the following to say regarding the work of the Research Laboratory: "Food chemists will also read with considerable interest a paper by Grindley (Jour. Amer. Chem. Soc., 26, 1086, 1904) which contains a very considerable number of analyses made with the object of elucidating the chemistry of the proteids and other nitrogenous constituents existing in meats." Chem. Soc. (Lon.), Annual Report, Vol. 1, p. 165, 1905.

"Emmett and Grindley (Jour. Amer. Chem. Soc., 27, p. 263, 1905) have shown that the lard obtained from hogs fed on cottonseed meal responds to a number of general tests for vegetable oils, and gives the more important special reactions of cottonseed oil. They also isolated from such lards crystals resembling those of phyllosterol." Chem. Soc. (Lon.), Annual Report, Vol. 2, p. 205, (1906).

"A. D. Emmett and H. S. Grindley (Jour. Amer. Chem. Soc., Vol. 28, p. 25, 1906) have similarly examined the phosphorus-containing substances in flesh, and find that in beef 75 per cent of the total phosphorus is soluble in cold water, and that one-fourth of this consists of organic compounds." Chem. Soc. (Lon.), Annual Report, Vol. 3, p. 274 (1906).

"The results obtained by other investigators of colorimetric study of meat extracts for creatin and creatinin were subsequently extended by Grindley and Woods. (Jour. of Biol. Chem., 2, p. 309, 1907)." Chem. Soc. (Lon.), Annual Report, Vol. 4, p. 218 (1907).

"Grindley, Woods, and Emmett (Jour. Biol. Chem., Vol. 3, p. 491, 1907), using Folin's method, have made accurate estimations of creatin and creatinin in meat

and meat extracts of various kinds. Among other points they have finally disposed of the statement, made some years ago by G. S. Johnson, that creatinin is the more abundant base of the two." Chem. Soc. (Lon.), Annual Report, Vol. 4, p. 238 (1907).

The Revue de la Societe Scientifique d'Hygiene Alimentaire et de l'Alimentation Rationnelle de l'Homme, Paris, 1904, published in full a translation of Bulletin No. 141 from the Research Laboratory.

Dr. A. C. True, Director of the Office of Experiment Stations, in his different reports has the following to say regarding the researches of this laboratory:

"In Illinois, Prof. H. S. Grindley, of the University of Illinois, Urbana, has continued the investigations of the preceding year in regard to losses in cooking meat by frying and boiling. In the former method the loss of material has been found to be appreciable. In the latter, if the broth is used, all the nutritive value has been found to be retained, since nothing was lost in the vapors arising during the process of boiling. The investigations at the University of Illinois have now become well established and have thoroughly commended themselves to the authorities of that institution. It is therefore proposed to extend this work during the coming year, making this institution a center of investigations relating especially to meats. This is a subject on which comparatively little accurate work has been done aside from studies on the chemical composition of the different kinds of meat."

"Nutrition investigations have been carried on in cooperation with the Hull House, and the Lewis Institute of Chicago, and the University of Illinois. The lines of work undertaken have been dietary studies, investigations of food and milk supply of Chicago, losses in cooking meat, digestion experiments in which meat formed a considerable part of the diet, and analyses of food materials."

"Besides the cooking experiments, Professor Grindley has made up to the present time thirty-seven digestion experiments in which meat forms an important part of the diet. In some of these experiments, indeed, only sufficient other food materials were used to make the diet palatable. The meat used has been cooked in different ways and has been of different degrees of fatness. The results have not yet been published. All of these thirty-seven experiments are also nitrogen metabolism experiments, since the nitrogen of income and outgo was determined.

"These experiments were carried on with men, and may be called natural-digestion experiments. In addition to these natural digestion experiments, a large number of artificial experiments have been made, in which the digestibility of different kinds of meat, of different degrees of fatness, and cooked in different ways, has been studied by means of digestion in pepsin solution, and the time required for complete digestion noted. The results of these experiments, like those of the natural-digestion experiments, still await publication.

"The number of analyses of food materials, excretory products, and residues from artificial-digestion experiments has been very large. The results of the investigations can hardly fail to be of far-reaching value."

"Professor Grindley has continued his valuable work with meats at the University of Illinois the past year. This included the carrying out of twenty digestion and nitrogen metabolism experiments with men, in which meat (beef) formed the chief part of the diet; sixty-five artificial digestion experiments with different kinds of meat to determine the influence of cooking upon the digestibility; forty-seven cooking experiments with meats to determine the losses in cooking and its influence upon flavor, palatability, digestibility, etc. In connection with these experiments, Professor Grindley made the analyses of 174 samples of food materials and excretory products and the determination of 130 heats of combustion.

"In addition to his experimental work, Professor Grindley has prepared a bulletin on the cooking of meats, which gives the results of his investigations in this direction.

"Professor Grindley's investigations on the losses occurring in the cooking of meats appear to show that boiling causes a greater loss of water than other methods of cooking. Some nitrogen and mineral matters were found in the resulting broth. The amount of fat in the broth depended somewhat upon the amount of fat in the meat, but more especially upon the nature of the meat used for the experiment. Different cuts of meat produced a noticeable difference in the amount of fat in the broth, the amount varying according to the character of the cut. The amount of loss depended upon the time of cooking, and was inversely proportional to the size of the piece of meat. In pan boiling, the losses appeared to be unimportant. There was a considerable loss of weight, mostly caused by the loss of water. A gain of fat was noted, owing to absorption of the fat used in the process."

"The investigations with meat, carried out at the University of Illinois by Professor H. S. Grindley and his associates, have been continued the past year under most favorable conditions. In addition to the use of a new and well equipped laboratory, the University has contributed \$2,000 toward the nutrition investigations. Furthermore the Experiment Station furnished, without charge, the meat used in this investigation. The animals from which the portions of meat were taken were bred, grown and fed under known conditions, this being carried out under Professor Grindley's direction. The Department of Household Science also rendered valuable assistance."

"The investigations carried out the past year consisted of fifty-eight experiments to study the losses and chemical changes resulting from the cooking of meat and the influence of different methods of cooking upon the nutritive value of the meat (beef). These investigations included the complete analysis of eighty samples of uncooked and cooked meats, and of thirty-six samples of broths. In addition, determinations have been made of proteids of different kinds of broths from cooked meats and in water extracts from uncooked meats."

"A valuable feature of Professor Grindley's work the past year has been the very satisfactory improvement of the methods used for the nitrogen determinations."

"The investigations with meat at the University of Illinois, in charge of Professor H. S. Grindley, have been conducted under very favorable conditions. The University has furnished the use of an especially well equipped laboratory, and, in addition, contributed a considerable sum toward the nutrition investigations. The meat used in the investigations was contributed free of cost by the Illinois Experiment Station, and the animals from which the material was taken were bred, grown and fattened under known conditions. The Department of Household Science of the University also rendered valuable assistance in the investigation. Beef, veal, mutton and pork were the meats studied.

"Professor Grindley and his associates conducted forty-five cooking experiments during the past year. In these experiments the inner temperature, flavors, losses and other changes resulting in the boiling, roasting, frying, broiling, sauteing, also the influence of covered and closed pans upon the above processes, were determined, as well as the effects of these factors upon the digestibility and nutritive value of the meat. Some of the experiments also included the influence of salt in varying quantities upon the losses, changes and modification of flavors which meats undergo during the process of boiling, in addition to the toughness and tenderness of raw and uncooked meats by means of a special machine which Professor Grindley has recently perfected."

"Professor H. S. Grindley and his associates have carried on thirty-five experiments on the changes in the nutritive value and the flavor, color and texture when meat is cooked, and the possibilities of regulating conditions so that roast meat of uniform character may be obtained. This work has necessitated a study of the character of the extractives and other constituents of the cooked and raw meat and of the bodies which produce the characteristic flavor of cooked meat.

"The investigations have shown the way in which thoroughness of cooking and in large degree the quality of the cooked product depend upon the initial temperature of the oven and the length of the cooking period, factors which may be readily controlled.

"The investigations have also shown that after meat is removed from the oven the temperature of the interior of the roast continues to rise for a time, owing to the passage of heat from the outer layer to the interior of the uncut roast. In other words, cooking continues after meat is removed from the oven.

"Following the deductions from the experiments, it is possible to cook meat to any desired degree from very rare to very well done and have the results the same from time to time, and the methods outlined can readily be used in the household.

"When meat is roasted some loss in weight is sustained, owing principally to the evaporation of water and the removal of fat, which melts and runs out into the pan.

"The flavor of roast meat is largely due to the browning of the meat extractives."

"At the University of Illinois Professor H. S. Grindley and his associates have carried on forty-five artificial digestion experiments with different kinds and cuts of meat to study the effects of different methods of cooking on ease and rapidity of digestion, and have also made cooking experiments which were undertaken to secure additional information regarding the changes and losses sustained by meat when cooked in different ways. As a whole, the work at the University of Illinois has shown that it is possible to control cooking processes so that uniform results may be obtained. Meats of all kinds and cuts are to be ranked among the very digestible foods. No great differences were observed in the ease or thoroughness of digestion of different kinds and cuts of meat."

Extracts of letters of Dr. A. C. True, Director of Experiment Stations, United States Department of Agriculture, Washington, D.C., which show the intention of making the University of Illinois a center for nutrition investigation along the line of the chemistry of meat, and which also show the interest and the value which these experiments are considered by the United States Department of Agriculture to have:

"We want to make our work at the University of Illinois as strong as possible along the line of meat investigations."

"As regards your own work, we, of course, expect to continue investigations on meats for years before we have exhausted the subject, but you have made some definite progress each year and the particular lines of your work are changing as definite results are obtained. It is because you have obtained such useful results that we desire to continue and extend your work."

"As you know it is our desire to develop nutrition investigation at the University of Illinois."

Quotations from letters of Professor W. O. Atwarer, special agent in charge of nutrition investigations for the United States Department of Agriculture, which show the intention of the department to make the University of Illinois a center for nutrition investigations along the lines of the study of meats:

"The subject is important and you have the field in this country." "I think you are doing and can do an excellent thing."

"I know very well that you will do all you can as you have done in the past. I consider the work you are doing very important and am anxious to see it extended."

"I have not had time to read your manuscript through with any degree of care, but a hurried examination implies that the work is even more extended and valuable than I had anticipated."

"Dr. True and I are both anxious to do all that can be done to encourage your work."

"We are now going over your last manuscript and hope to write you about it soon. I am more and more impressed with the importance of the line of inquiry you are engaged in and wish you the best of success."

"There is no doubt, however, in my mind as to the desirability of increasing your appropriation. The amount and quality of your work justify almost any request, but the great question is where is the money to come from. Congress has just refused to increase our appropriation for next year. The demands on all sides are becoming more and more imperative. It was only by cutting down other work that the small increase was made in your appropriation for last year. I say this simply to show the difficulties in the way of the increase which you desire and which I very much wish you might have."

"Both Dr. True and I appreciate your work and we both hope for increased appropriations in the future which will make it possible for us to do more to aid you."

"I have been looking over your manuscript this morning, and I am convinced that the bulletin will be both interesting and valuable, and I hope we shall be able to get it out very soon."

"It was somewhat of a strain last year to increase your appropriation to \$1,500. This was done because we thought you so thoroughly deserved it and because your work is so useful, and we wanted to do everything possible to encourage your work, yourself in its prosecution, and the University in its support."

"Nothing but an unusual high estimate of your work would have led to the increase in your appropriation last year. To keep it even at the present level would involve sacrifice elsewhere."

"I have been so much occupied preparing for an European trip that I have had but a moment to glance over your manuscript, although I have been hoping to find the opportunity to look it over in more detail. Dr. Langworthy and Mr. Milner have been over it, however, and we are all agreed in thinking that it is an extremely good bulletin. It shows evidence of having been put together with much care and thought, and Dr. Langworthy says of it, 'It is a piece of work of which any man might be proud.'"

"I am glad that you have been able to complete your work so satisfactorily and promptly this year and am fully convinced that the bulletin I am publishing will be a valuable addition to the series describing your investigations."

"We are very much interested in the work you are doing and appreciate its value, as well as the interest you take in it and the disadvantage you have had this year. You have done a large amount of most excellent work in proportion to the funds allotted to you."

"I am glad that you are ready to conduct the investigation with such painstaking detail and to conduct it year after year, by doing this making each year's work better than the last. I believe the investigation will become one of high scientific, as well as intensely practical, value. Your University is allying itself with abstract truth. It is in advance of most others in allying itself likewise with the interest of the home and the home maker, through its Department of Domestic Science. Others are with you, many others I believe will follow, and the outcome will be education, inspiration and uplift."

Quotations from letters relating to bulletin 158, "Relative Economy, Composition and Nutritive Value of the Various Cuts of Beef":

Dr. A. L. Winton, of the United States Department of Agriculture, Bureau of Chemistry, wrote: "I thank you for the copy of bulletin 158, which I value because of its scientific as well as practical importance."

Professor M. W. Howard, Simmons College, Department of Household Science: "I am extremely interested in it. \* \* \* The illustrations are exactly what I have been looking for, and I feel that this bulletin will be invaluable."

Professor M. E. Jaffa, University of California, College of Agriculture, Department of Agricultural Chemistry: "This is to acknowledge with many thanks, copy of bulletin 158. \* \* \* I am more than pleased to have this little pamphlet. \* \* \* The bulletin represents a large amount of good work, and certainly it is a valuable contribution to our knowledge on the subject. The practical data that it contains can well be utilized in the home. Complimenting you on the bulletin, I am, \* \* \*"

Dr. J. B. Lindsey, Vice Director and Chemist of the Department of Plant and Animal Chemistry of the Massachusetts Agricultural Experiment Station: "I acknowledge with many thanks the copy of your bulletin on the chemistry of the different cuts of beef, etc. It is exceedingly interesting, and furnishes a large amount of data, which cannot help being useful both in a practical and scientific way."

Professor J. E. Morton, Head of the Department of Animal Husbandry, State Agricultural College, Colorado, wrote: "I thank you for the copy of Bulletin 158. You have done mighty valuable work in getting it out. There should be a great deal more of the same class of work done at the different stations. \* \* \* The University of Illinois is to be congratulated on the bulletins they have put out during the last two years. I believe they contain more valuable material than any coming from other institutions."

Dr. M. Dorset, Chief of the Biochemic Division of the Bureau of Animal Industry of the United States Department of Agriculture, wrote: "I have seen a copy of the recent Bulletin No. 158. I have not, however, received one myself. Inasmuch as the work contained therein is of great interest and importance to us, I would be under many obligations if you would have a copy sent to me."

Elizabeth C. Pierce, New York: "I want to thank you ever so much for the bulletin on meats. It is perfectly splendid and exactly what I wanted. Thanking you again for your kindness."

In an editorial reproduced from the Journal of the American Medication Association, in the Scientific American Supplement, dated December 28, 1912, the following was stated: "The facts cited indicate how the retail prices of beef cuts are determined chiefly by considerations other than their food value. \* \* \* It is high time that those purchasers to whom matters of justifiable economy make



an appeal should be educated to appreciate the irrational standards that characterize the demands for beef. \* \* \* This advice applied in equal measure to public institutions, including hospitals, where a misapplied sense of duty often leads to well-meant but ill-judged dietary extravagance."

In the September, 1912, number of the Illinois State Board of Health Monthly Bulletin, in which Bulletin 158 was published in full, the editor, the late J. A. Egan, Secretary of the Illinois State Board of Health, said in his comment: "As meats form so important a part of man's dietary, its relative economy, composition, and last but by no means least, the nutritive value of the different portions, must become of material consequence to all who consume it, and especially to the housewife upon whose shoulders falls the responsibility of providing food which is appetizing as well as nutritious. To her, especially, this bulletin will be of inestimable value."

The National Provisioner, in an editorial under the date of November 23, 1912, stated: "The University of Illinois has been the leader in this sort of research work for many years. Its experts have recently completed an exhaustive investigation into the economy, composition, and nutritive value of various cuts of beef. \* \* \* The meat trade is vitally interested in this matter, and it will pay every meat man, in satisfaction of mind if not in pocket, to study this report and spread the gospel contained therein to his customers and friends."

Under date of October 23, 1912, the National Provisioner, which reproduced the Bulletin 158 in full, said in an introductory number: "The University of Illinois has been a pioneer among the educational institutions of the country to take up such problems \* \* \* as research and experimental work along livestock and meat lines. \* \* \* Their work in recent years has been of enormous value to the entire country, not only to producers and to packers, but to consumers as well." "The investigators have realized that it would take something more than mere talk to achieve the desired results. Reasons must be given to support such advice, and facts and figures must be presented in a striking way. This has just been done in a way that deserves the notice of every man in the meat trade."

#### REQUEST FOR SCHOLARSHIPS FOR BULGARIAN STUDENTS.

(12) A letter from Hon. P. P. Claxton, United States Commissioner of Education, enclosing a letter from Madame Panzy Hadji Mischief, wife of the Bulgarian Minister at Athens, asking the University to establish certain scholarships for the benefit of Bulgarian students.

No action was taken with reference to this matter.

#### PAVEMENT IN FRONT OF NEW ARMORY.

(13) A recommendation from Professor J. M. White, Supervising Architect, that an appropriation of six hundred dollars (\$600) be made for the construction of a pavement at the south end of Fifth Street in Champaign, as an approach to the main entrance of the new Armory.

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

#### RESIGNATION OF ASSISTANT PROFESSOR DU FOUR.

(14) The resignation of Mr. F. O. Dufour, Assistant Professor of Structural Engineering, to take effect August 31, 1913.

On motion of Mr. Trevett, it was voted to accept Mr. Dufour's resignation.

#### DEED OF LAND FOR AN EXPERIMENT FIELD.

(15) A letter from Dr. C. G. Hopkins, Professor of Agronomy, addressed to Dean Davenport under date of May 29, 1913, transmitting a deed transferring from Alexander Moir and Phoebe Moir, his wife; James Moir and Edna Moir, his wife, and Leon Lemaire and R. May Lemaire, his wife, to the Board of Trustees, for use as experimental field, twenty acres of land near Oquawka, the county seat of Henderson County.

This deed was referred to the Committee on Agriculture, with a request for a report at the next meeting on this deed and on the other deeds and leases which have been referred to the same committee.

#### TITLE "CHIEF CLERK" CHANGED TO "BURSAR."

(16) A recommendation from Professor George E. Frazer, Comptroller, that the title of the position in the business office held at present by Mr. Oren E. Staples be changed from "Chief Clerk" to "Bursar."

On motion of Mr. Trevett, this recommendation was approved.

## VALUATION OF MEDICAL PROPERTY BY THE CHICAGO REAL ESTATE BOARD.

(17) A bill from the Chicago Real Estate Board for two hundred sixty-eight dollars and seventy-five cents (\$268.75) for making a valuation of the property of the College of Medicine in the city of Chicago, in accordance with a request made by the President of the Board of Trustees.

On motion of Mrs. Henrotin, it was voted that this bill be approved, and that the certificate of valuation received from the Chicago Real Estate Board be printed in the minutes. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Meeker, Mr. Montgomery.

## [CERTIFICATE OF VALUATION.]

CHICAGO, June 2, 1913.

*William L. Abbott, President, Board of Trustees of University of Illinois:*

We, the undersigned, members of the Valuation Committee of Chicago Real Estate Board, have carefully considered the application made by you for a valuation on the following described property:

Lots 1 to 7, both inclusive, in block 23; sub-lots 1 to 7, both inclusive, of lots 19 to 25, both inclusive, in block 23, and the vacated alley running north and south through said block 23; also lots 15, 16, 17, 18, and east 7 feet of lot 14, all in block 23 of Ashland's Second Addition to Chicago, in the west half of the northeast quarter of section 18-39-14; being situated in the blocks bounded by Lincoln Street, Ogden Avenue, Congress, Honore and Harrison Streets. Size of lots, 263.9x267x176.4x133.5x83.5x107.

We hereby certify that we have personally examined said premises, and that we have no personal interest in the property valued herein, and in our opinion said land is worth, exclusive of improvements, ... \$ 60,000 00  
Value of improvements ..... 185,000 00

Total valuation ..... \$245,000 00

VALUATION COMMITTEE OF THE CHICAGO REAL ESTATE BOARD.

EDWARD M. WILLOUGHBY, *President.*FRANCIS E. MANIERRE, *Secretary.*

By MARVIN A. FARR,

FRED D. P. SNELLING,

HARRY GOLDSTINE,

HARRY GOLDSTINE,

WILLIAM D. KERFOOT,

JULIUS A. WENDELL,

*Members.*

[SEAL]

No. 1542.

## OPINION OF LEGAL COUNSEL ON REQUIREMENT THAT ALL COLLECTIONS BE PAID INTO THE STATE TREASURY.

(18) An opinion from Dean O. A. Harker, Legal Counsel, on the question whether the University is required to pay all collections of money made by it into the State treasury.

This opinion was received to be printed in the minutes:

June 3, 1913.

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

Mr. DEAR PRESIDENT JAMES: Complying with your request I submit to you the following:

Opinion as to whether the University of Illinois is required to pay all collections of money made by it into the State treasury.

If any such requirement is cast upon the University, it must be by some provision of the constitution or by some act of the Legislature.

1. There is no provision in the constitution specifically requiring the University to pay any money into the State treasury. Under a strained construction given to section 18 of article 4, by the Supreme Court of the State in the case of *The People ex rel., etc. v. Needles*, 96 Ill., 575, it may be compelled to return to the State treasury such portion of a legislative appropriation as shall not be used before the end of the first fiscal quarter after the adjournment of the next regular session of the General Assembly following the one at which the appropriation was made; but it should be observed that such a return is of money voted out of the State treasury and not of money received for tuition and otherwise, by the University, in a way entirely disconnected from the State treasury. By no possible construction of section 18, article 4, or any other section of the constitution, can it be said that the receipts of the University coming from any other source than the State should be paid into the State treasury.

2. The only act of the Legislature under which it has been claimed that an obligation rests with the University to turn its receipts of money into the State treasury is one passed by the General Assembly of 1911, entitled "An Act in relation to the payment of the public money of the State into the State treasury," approved June 9, 1911.

A careful reading of the first section clearly shows that the University was not in mind when the bill was drafted or the act passed, otherwise it would have been specifically mentioned, as were some thirty departments, boards, and officials directly connected with the State Government. It reads:

"That the Secretary of State, the Auditor of Public Accounts, the Superintendent of Public Instruction, the Adjutant General, the Insurance Department of the State of Illinois, the Board of Administration, the Charities Commission, the Board of Commissioners for the Management of the State Library, the Illinois Stallion Registration Board, the Board of Live Stock Commissioners, the Board of Veterinary Examiners, the Railroad and Warehouse Commissioners, the Chief Inspector of Grain, all Deputy Inspectors of Grain, Warehouse Registrars and their assistants, all State Weighmasters, the State Commissioners of Labor, the Chief Inspector of Private Employment Agencies, the State Board of Examiners of Architects, the Board of Examiners of Barbers, the Board of Fish Commissioners, the State Game Commissioner, the State Board of Health, the State Board of Pharmacy, the Illinois State Board of Dental Examiners, the Miners' Examining Board of the respective counties, the State Board of Examiners of Registered Nurses, the State Entomologist, the State Fire Marshall, the State Food Commissioner, and all like executive and administrative boards, commissions, commissioners, departments and institutions of the State Government herein named, are hereby declared to be officers, arms, agencies and departments of the State Government, and all moneys received by each of such officers, boards, commissions, commissioners, departments or institutions, for or on behalf of the State from fees, fines, penalties, forfeitures, rentals, the sales of property or from other like sources, shall be paid into the State treasury, and no such officer, board, commission, commissioner, department or institutions shall expend any money so received for salaries, expenses or for any other purpose, except upon the warrant of the Auditor of Public Accounts based upon appropriations from the State treasury made biennially by the General Assembly."

In construing legislative acts courts have universally declared that "the intent of the framers should be the guiding star." Another familiar canon of construction is that when an act specifically names certain persons or things affected thereby it will be presumed that all not named are to be excluded from its operation.

Furthermore, in its relation toward the State Government the University of Illinois occupies a position entirely different from the departments named. Its Board of Trustees is a corporation, invested with the power to acquire, hold, and convey title to lands, to acquire, hold, and transfer in its own name personal property, to contract and be contracted with, to sue and be sued, and to perform various other functions entirely independent of State regulation. It resembles more a municipal corporation, such as a county, city, township, or school district, than any of the departments named. Not only is the title to the lands and equipment located at Urbana vested in the Board of Trustees, but it is owner of all the other property and funds not directly received from the State. In this connection I desire to call your attention to the language employed in the title of the act. It is an act "in relation to the payment of the public money of the State into the State treasury." I deny that funds received from the federal government, student fees, and donations are moneys of the State. Indeed, I should have very serious doubts of the constitutionality of an act specifically requiring the University to turn such funds into the State treasury.

Differing, as I do, from the view taken by the Attorney General in his opinion of April 1, 1913, to Hon. Paul Matthews, Department and Institution Auditor, I beg to suggest that he was doubtless led to his conclusion in so far as the University is involved by the holding of the Supreme Court in the case of the Chicago Board of Trade v. Cowen, 252 Ill. 554. That was a suit in equity to enjoin the payment into the State treasury of \$64,560, which had been collected by the Grain Inspection Department as fees for inspection. The chief question involved was the constitutionality of the Act of 1911. The Court sustained the lower court in dismissing the bill, and in addition to holding the Act constitutional stated that grain inspection fees were moneys of the State and that they should be turned into the State treasury irrespective of the Act. The fallacy of the Attorney General's argument lies in his assuming that student fees, etc., are moneys of the State.

I am firmly of the opinion that the Act of 1911 does not apply to the University.

Very respectfully,

O. A. HARKER, *Legal Counsel.*

#### BILL FROM THE FORMER STATE ARCHITECT APPROVED.

(19) A bill from Mr. W. Carby Zimmerman, formerly State Architect, for a balance due for work on the new Armory, of two hundred ninety-seven dollars and fifty cents (\$297.50).

On motion of Mr. Trevett, it was voted that this bill be paid when it shall be approved by the supervising architect. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Meeker, Mr. Montgomery.

**AUTHORITY FOR PURCHASE OF CLASSICAL AND PEDAGOGICAL LIBRARIES.**

(20) A request for authority to purchase, from the book firm of Gustave Fock, of Leipzig, the classical philological library of the late Johannes Vahlen, Professor of Classical Philology in the University of Berlin, and also to purchase of the same firm the pedagogical library of the late R. Aron, of Berlin, at a price not to exceed the sum of twenty thousand five hundred dollars (\$20,500) for both collections.

On motion of Mrs. Henroten, it was voted that such authority be given to the President of the University. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henroten, Mr. Holt, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Meeker, Mr. Montgomery.

**ATTENTION CALLED TO PROPOSED SITE FOR NEW LIBRARY.**

President James called the attention of the board to the recommendations made by the supervising architect, approved by the State Architect, concerning the location of the proposed new Library Building, as printed in the minutes of January 7, 1913, pages ———, and asked that each member of the board inspect the proposed location, as further recommendations will be made on this matter at a later meeting of the board.

\*At this point President James withdrew, having an engagement to address a meeting of alumni then in progress.

**RESOLUTIONS CONCERNING THE APPROPRIATION BILL BEFORE THE GENERAL ASSEMBLY.**

On motion of Mrs. Busey, the following resolution was adopted:

WHEREAS, The Board of Trustees of the University is informed that the University appropriation bill before the General Assembly contains a clause providing as follows:

"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."

Therefore, Be it Resolved, That the Board of Trustees respectfully protests to the Appropriations Committee against the clause above quoted and requests the substitution of the following clause:

The Auditor of Public Accounts is hereby authorized and directed to draw his warrant on the State Treasurer for the sums hereby appropriated upon the order of the Board of Trustees of said University, attested by its secretary and the corporate seal of the University; provided that no part of said sum shall be due and payable to said Board of Trustees until itemized vouchers shall be filed with the Auditor for all previous expenditures incurred by the University on account of the appropriations hitherto made; and provided further that vouchers shall be taken in duplicate and that the original duplicate vouchers be forwarded to the Auditor of Public Accounts for the expenditures of the sums appropriated in this Act.

The board adjourned.

W. L. ABBOTT, *President.*

C. M. McCONN, *Secretary.*

---

\* See insert, meeting of June 25, 1913, page 263.

## Meeting of June 25, 1913.

A special meeting of the Board of Trustees of the University of Illinois was held at the La Salle Hotel, in the city of Chicago, on Wednesday, June 25, 1913, beginning at 12:30 P.M., pursuant to the following notice which was sent out by the secretary on June 18, 1913:

Upon the call of the president, Mr. W. L. Abbott, a special meeting of the Board of Trustees of the University of Illinois will be held at the LaSalle Hotel in the city of Chicago, on Wednesday, June 25, 1913, 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 matters as may be duly presented.

When the board convened, the following members were present: Mr. Abbott, Mrs. Busey, Mrs. Evans, Mr. Hoit, Mr. Meeker, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson.

### CONSIDERATION OF THE MINUTES POSTPONED.

The secretary having presented the minutes of the meeting of June 10, 1913, it was voted, upon motion of Mr. Busey, to postpone the consideration of the minutes for fifteen minutes.

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

The secretary presented the following report of appointments made by the President of the University to fill positions authorized by the Board of Trustees.

Blaney, Lillian, Scholar in History, for the academic year 1913-14, with a stipend of two hundred fifty dollars (\$250) for the year. (June 17, 1913.)\*

Bond, Ethel, Instructor in the Summer Session of the Library School, for six weeks beginning June 16, 1913, at a compensation of one hundred seventy-five dollars (\$175) for the six weeks. (May 24, 1913.)

Branch, Nellie U., General Assistant in the Library, on half time, for two months beginning July 1, 1913, at a compensation of thirty-two dollars fifty cents (\$32.50) a month. (June 18, 1913.)

Brown, Flora M., Assistant in the Order Department of the Library, from June 16, 1913, to August 31, 1913, at a salary of sixty dollars (\$60) a month, vice Mary H. Roberts, resigned. (June 16, 1913.)

Case, Flora M., Reviser and Assistant in the Summer Session of the Library School, for the six weeks beginning June 16, 1913, at a salary of eighty-five dollars (\$85) for the six weeks. (May 24, 1913.)

Clevenger, Clinton B., Assistant in Chemistry in the Department of Agronomy in the Agricultural Experiment Station, for twelve months beginning September 1, 1913, at a salary of seventy dollars (\$70) a month. (June 14, 1913.)

Cole, Agnes L., Temporary Catalog Assistant in the Library, at a salary of seventy-five dollars (\$75) a month, beginning February 1, 1913, and continuing until further notice or until July 1, 1913. (May 16, 1913.)

Cort, W. W., Assistant in Zoölogy in the Summer Session, for the eight weeks beginning June 16, 1913, at a salary of seventy-five dollars (\$75) for the eight weeks. (June 7, 1913.)

Crooks, H. F., Assistant in Swimming in the Summer Session of 1913, at a remuneration of one hundred dollars (\$100) for the session. (June 16, 1913.)

Ellis, Elmer R., Toolroom Attendant in the Machine Shop, with a salary at the rate of five hundred fifty dollars (\$550) for twelve months' service, beginning April 18, 1913, and continuing until further notice, vice Miles Clements, resigned. (May 2, 1913.)

Eppels, Conrad Joseph, Assistant in Romance Languages, for ten months beginning September 1, 1913, at a salary of ninety dollars (\$90) a month. (June 17, 1913.)

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

Fisher, Lewis N., Scholar in Theoretical and Applied Mechanics, for the academic year 1913-14, with a stipend of two hundred fifty dollars (\$250) for the year. (May 20, 1913.)

Ford, Edith H., Reviser and Assistant in the Summer Session of the Library School, for the six weeks beginning June 16, 1913, at a compensation for the period named of eighty-five dollars (\$85), vice Flora M. Case, resigned. (June 17, 1913.)

Heck, Archie O., Scholar in Mathematics, for the academic year 1913-14, with a stipend of two hundred fifty dollars (\$250) for the year. (May 20, 1913.)

Holden, James Loomis, Assistant in Chemistry in the Department of Agronomy in the Agricultural Experiment Station, for twelve months beginning September 1, 1913, at a salary of seventy dollars (\$70) a month. (June 14, 1913.)

Johnston, Charles Hughes, Professor of Secondary Education, beginning September 1, 1913, at a salary of thirty-five hundred dollars (\$3,500) per annum. (May 12, 1913.)

Knight, C. K., Scholar in Economics, for the academic year 1913-14, with a stipend of two hundred fifty dollars (\$250) for the year. (May 20, 1913.)

Lawrence, Matthew, Scholar in History, for the academic year 1913-14, with a stipend of two hundred fifty dollars (\$250) for the year. (May 8, 1913.)

Marshall, Ruth, Instructor in Zoölogy in the Summer Session, for the eight weeks beginning June 16, 1913, at a salary of seventy-five dollars (\$75) for the eight weeks. (June 7, 1913.)

Patterson, David Leslie, Instructor in History in the Summer Session of 1913, for eight weeks beginning June 16, 1913, at a salary of three hundred dollars (\$300) for the session. (June 24, 1913.)

Pogue, Robert Bedford, Research Fellow in the Engineering Experiment Station, for two years beginning September 1, 1913, with a stipend of five hundred dollars (\$500) per annum. (June 7, 1913.)

Ray, S. H., Scholar in Animal Husbandry, for the academic year 1913-14, with a stipend of two hundred fifty dollars (\$250) for the year. (June 17, 1913.)

Reece, Ernest J., Instructor in the Summer Session of the Library School, for the six weeks beginning June 16, 1913, at a salary of one hundred seventy-five dollars (\$175) for the six weeks. (May 24, 1913.)

Rinaker, Clarissa, Instructor in English, for ten months beginning September 1, 1913, at a salary of one hundred ten dollars (\$110) a month, vice Vida L. Collins. (June 17, 1913.)

Roberts, Marion F., Toolroom Attendant in the Wood Shop, beginning May 26, 1913, and continuing until further notice, with a salary at the rate of five hundred fifty dollars (\$550) for twelve months' service, vice Fred Hooker, resigned. (May 31, 1913.)

Russell, F. A., Fellow in Economics, for the academic year 1913-14, with a stipend of three hundred fifty dollars (\$350) for the year. (May 20, 1913.)

Seeley, F. B., Instructor in Theoretical and Applied Mechanics in the Summer Session, for the eight weeks beginning June 16, 1913, at salary of one hundred fifty dollars (\$150) for the eight weeks, vice C. E. Noerenberg, resigned. (June 7, 1913.)

Shulters, J. R., Assistant in Romance Languages, for ten months beginning September 1, 1913, at a salary of eighty dollars (\$80) a month, vice J. H. Ditchy. (June 17, 1913.)

Thoreen, Edna A., Scholar in German, for the academic year 1913-14, with a stipend of two hundred fifty dollars (\$250) for the year. (May 8, 1913.)

Van Cleave, H. J., Instructor in Zoölogy, for ten months beginning September 1, 1913, at a salary of one hundred twenty dollars (\$120) a month. (June 24, 1913.)

Wright, Quincy, Fellow in Political Science, for the academic year 1913-14, with a stipend of three hundred dollars (\$300) for the year. (May 20, 1913.)

### REPORT OF AUDITING COMPANY.

The secretary presented a report of the United States Auditing Company of an audit of the books and accounts of the University for the third quarter of the fiscal year ended March 31, 1913, which was received to be filed, certain parts to be printed in the minutes:

May 14, 1913.

*Honorable Allen F. Moore, Chairman, Finance Committee, University of Illinois, Monticello, Ill.*

DEAR SIR: Following your instructions, we have made our regular quarterly audit of the books and accounts of the University of Illinois for the third quarter of the fiscal year as ended on March 31, 1913.

On the several statements, as enumerated on the index prefixed hereto, we present full details of the cash receipts and disbursements.

We reconciled the chief clerk's cash account on the morning of April 11, 1913; proved the cash book footings from January 20, 1913, to April 11, 1913; verified the cash in the office by actual count; and examined and proved the footings of the approved and receipted vouchers in process of entry.

Summarized, the chief clerk's cash account is as follows:

Balance on hand January 20, 1913.....	\$14,727 11
Receipts from various sources .....	82,042 11
	<hr/>
	\$96,769 22
Deduct—Remittances to treasurer .....	81,000 00
	<hr/>
	\$15,769 22

*Made up as follows—*

Currency .....	\$ 742 00	
Coin .....	33 20	
Checks for deposit .....	51 00	
First National Bank, Champaign, balance as per pass book	12,575 79	
	<u>\$13,401 99</u>	
Vouchers in process of entry .....	2,367 23	\$15,769 22
In the cash statement following, we present in total the general cash transactions for the third quarter, as represented by the cash book and warrant register, beginning with the general cash balance as of December 31, 1912:		
Treasurer's balance, December 31, 1912.....	\$54,350 22	
Chief clerk's balance .....	19,100 41	
	<u>\$ 73,450 63</u>	
Add—Cash receipts (Exhibit "A").....	1,296,798 59	\$1,370,249 22
		<u>570,049 46</u>
Deduct—Cash disbursements (Exhibit "B").....		\$800,199 76
Balance, March 31, 1913.....		<u><u>\$800,199 76</u></u>

*Made up as follows—*

Treasurer's balance .....	\$786,991 17	
Chief clerk's balance .....	13,208 59	
	<u>\$800,199 76</u>	
We compared all warrants paid during the quarter with the treasurer's list, and verified the bank balance, as per our special report, covering the transfer of the balance to Busey's Bank April 6, 1913.		
We proved the footings of the warrant register and first semester fee book; verified all postings to the fund ledger; examined the receipted bills and compared them with all vouchers.		
We verified the first semester fees, and found the following outstanding:		
Glenn Cliffe Barnum (extended to June 13).....	\$14 00	
Pearl G. Richter, billed \$19.50, paid \$12, balance.....	7 50	
	<u>\$21 50</u>	
In auditing the cash receipts, we noticed that the interest on daily bank balances was credited to the general fund at the end of two years, and not annually. Fuller reference to this question, as also to the subject of freight rates, is given on Exhibit "C".		
The following is a reconciliation of the treasurer's account with the books of the University as at March 31, 1913:		
Treasurer's balance, per University books.....	\$786,991 17	
Add—Unpaid warrants (Schedule "5").....	117,977 88	
	<u>\$904,969 05</u>	

*Made up as follows (Schedule "6")—*

General fund .....	\$875,328 80	
College of Medicine fund .....	15,945 64	
United States Agricultural Experiment Station fund..	6,137 22	
School of Pharmacy fund .....	7,526 49	
	<u>\$904,938 15</u>	
Add—College of Medicine fund (Item of \$30.90 charged by treasurer without warrant, credited in April, 1913)...	30 90	\$904,969 05

Very truly yours,  
 UNITED STATES AUDIT CO.,  
 HENRY L. HERTZ, President.

Supervised by:  
 W. B. FLERSHEM,  
 Certified Public Accountant.

## EXHIBIT "C."

## REMARKS AND RECOMMENDATION.

*Interest on Daily Balances.*

From our information, the terms are 2 per cent per annum. Our examination shows that credit has not been made annually by the treasurer, but at the end of two years, and we are informed that interest has been calculated only on balances in excess of one thousand dollars (\$1,000). The question of the interest accumulated on the balances at the end of the first of the two years and the practice of calculating interest only on balances in excess of one thousand dollars is thus brought to your notice.

*Freight Bills.*

Our audit discloses a considerable sum paid out for freight, with but scant verification as to the validity of the rates charged. We desire to impress the importance of accurate information in verifying freight rates, and suggest that the necessary assistance and means be adopted to insure certainty in this respect.

## RESOLUTION OF APPRECIATION OF SERVICES OF MESSRS. GROUT AND HATCH.

Mr. Hoit presented the following resolutions of appreciation of the services of Messrs. A. P. Grout and Fred L. Hatch, former members of the Board of Trustees, whose terms expired on March 11, 1913; this resolution having been drafted by the special committee authorized at the meeting of March 5, 1913 (1913):

### RESOLUTION.

The University of Illinois has had a remarkable growth within the last decade. That growth has resulted from many causes. One of these causes is the presence upon the Board of Trustees of persons who have faith in the future of the University and an intelligent understanding of the steps necessary to translate that faith into an enlarged physical equipment, courses of study, and teaching faculty.

It is the desire of the members of the Board of Trustees to express in this special manner their appreciation of the large services rendered to the University in this decade of growth by Messrs. A. P. Grout and Fred L. Hatch.

O. W. HOIT,  
F. G. BLAIR,  
Committee.

This resolution was adopted by a unanimous vote of the members present.

### UNIVERSITY APPROPRIATION BILL.

President James presented for record a copy of Senate Bill No. 675, entitled, "For an Act making appropriations for the University of Illinois," which was signed by Governor Dunne on June 24, 1913.

This bill was received to be printed in the minutes:

#### *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, 1913, the sum of four million five hundred thousand dollars (\$4,500,000) payable out of 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:

1. For maintenance, equipment and general operating expenses, the sum of one million six hundred thousand dollars (\$1,600,000) per annum.  
2. For the purchase of land and the erection and permanent equipment of buildings, the sum of six hundred fifty thousand dollars (\$650,000) 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 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 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.

### MINUTES CORRECTED AND APPROVED.

The minutes of the meeting of June 10, 1913, being again taken under consideration, the following corrections were noted:

(1) To be inserted on page 259 immediately before the paragraph beginning, "At this point President James withdrew":

Mrs. Busey presented the matter concerning the University appropriation bill which was being considered before the Legislature, which was discussed at some length.

(2) To be inserted on page 259 immediately before the paragraph reading, "The board adjourned":

On motion of Mr. Moore, it was voted that the foregoing resolution be telegraphed to the members of the Appropriations Committees of both houses of the Forty-eighth General Assembly.

With these corrections; the minutes of June 10, 1913, were approved.



**STENOGRAPHER TO BE EMPLOYED FOR BOARD MEETINGS.**

On motion of Mrs. Busey, it was voted that the secretary be instructed to have a stenographer present at meetings of the board, until further notice.

At this point Mr. Meeker withdrew.

Mrs. Busey also withdrew.

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

President James presented the following matters for consideration:

**AUTHORITY FOR DISPOSAL OF WORN-OUT EQUIPMENT.**

(1) A recommendation from Dr. W. F. M. Goss, Dean of the College of Engineering, that the comptroller be authorized to sell or exchange certain portions of the shop equipment in the Department of Mechanical Engineering which in the opinion of the department are entirely obsolete for purposes of instruction.

On motion of Mr. Trevett, it was voted that the comptroller be authorized to dispose of worn out equipment, apparatus, or furniture upon the recommendation of the head of the department concerned, approved by the Dean of the College. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mr. Hoyt, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mrs. Henrotin, Mr. Meeker.

At this point Mrs. Busey resumed her seat with the board.

**SUPPORT OF ORCHESTRAL CONCERTS.**

(2) A petition from Professor C. H. Mills, Director of the School of Music, signed by a large number of the faculty and others, that the trustees authorize a series of orchestral concerts, to be held in the Auditorium during the coming year at the expense of the University; it being believed that by making arrangements immediately three or four good orchestras like the Thomas Orchestra, the Minneapolis Symphony Orchestra, the Cincinnati Orchestra, the Damrosch Orchestra, and possibly others of the same class, may be brought to the University for one or more concerts; and that it may be possible by selling a season ticket which would admit to all of these concerts at the price of two dollars or two dollars and a half (with a special higher price for single admissions) to realize an income of between three thousand and thirty-five hundred dollars, and thus to offer from four to eight concerts for the benefit of the student body at a total cost to the University of not more than fifteen hundred dollars; this petition being accompanied by a recommendation that an appropriation of not to exceed five thousand dollars (\$5,000) for the purpose named therein be made.

On motion of Mr. Trevett, this recommendation was referred to the Committee on Students' Welfare, with power to act, and with authority to expend not more than five thousand dollars (\$5,000) for this purpose. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mr. Hoyt, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mrs. Henrotin, Mr. Meeker.

**SITE OF PROPOSED NEW LIBRARY BUILDING.**

(3) A letter from Mr. Clarence H. Blackall, Architect, of Boston, concerning the site of the proposed building for a general library of the University; accompanied by a memorandum in regard to the recommendation made with reference to this matter by a committee of the University Senate.

This letter from Mr. Blackall, with the accompanying memorandum, was received to be printed in the minutes; and the question of the site for the proposed new building was referred to the Committee on Library for report.

[LETTER FROM MR. BLACKALL.]

June 14, 1913.

MY DEAR DR. JAMES: The site which has been tentatively selected for the proposed general library of the University, a location with the north and south axis on the axis of Wright Street, and the east and west axis on the axis of the Armory, seems to me to be on the whole the best that could be selected for

such a building. In the natural course of development the transaction lines are bound to be profoundly modified, and it has always been my conviction that the above location seems nearer being the center of what will ultimately be the University development than any other one point, and the opportunities for north and south and east and west lines of transportation are here most excellent. I should hope that if this library is located in this manner, however, the cars will be entirely taken off the campus and carried across underneath in a subway.

Yours very truly,

C. H. BLACKALL.

*President E. J. James, University of Illinois, Urbana, Ill.:*

[MEMORANDUM CONCERNING RECOMMENDATION OF SENATE COMMITTEE.]

The University Senate on June 8, 1912, authorized the appointment of a special committee to consider the question of what ought to be done in the way of permanent provision for the University Library. Many different plans were suggested. One involved enlarging the present library, but this plan was definitely discarded by the committee as undesirable and inadequate. After long consideration the committee finally agreed upon a site which should center north and south on Wright Street extended and on the axis of the Armory on the west.

This site would permit the erection of a building ultimately 500 feet long, extending 250 feet each way from the center of Wright Street extended, and running back to the south around a court four or five hundred feet deep. Such a building could be erected in sections and could house in the first instance, if a sufficiently large block were erected, not only the University Library but the University Museum. By adding sections, additional library collections and music collections could be taken care of. Ultimately the library itself might occupy the entire site.

APPROPRIATION TOWARD Y. M. C. A. HAND BOOK.

(4) A request from the Young Men's Christian Association for an appropriation toward the publication of the Students' Handbook, issued by the association at the beginning of the school year; this handbook containing information of value to students, and a copy of it being sent before the opening of the year to each student who has indicated his intention to register in the University in the autumn; with the recommendation that an appropriation of two hundred fifty dollars (\$250) be made for this purpose.

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

At this point Mrs. Busey again withdrew.

APPROPRIATION FOR THE MOVING OF THE HORTICULTURAL GREEN-HOUSES.

(5) A request from Mr. J. C. Blair, Professor of Horticulture, for immediate authority to remove the greenhouses now on the old horticultural field to the new site east of Mathews Avenue at an estimated cost of nine thousand dollars (\$9,000).

On motion of Mrs. Evans, this request was approved, and an appropriation of nine thousand dollars (\$9,000) was made for this purpose. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mrs. Henrotin, Mr. Meeker.

Mrs. Busey here again resumed her seat with the board.

FIXED CHARGE FOR THE USE OF THE AUDITORIUM FOR ENTERTAINMENTS.

(6) A suggestion from Professor James M. White, Supervising Architect, that a charge of fifteen dollars (\$15) be made for all entertainments to be given in the Auditorium except those that are strictly University functions; this charge to cover heating, lighting, janitor service for ordinary cleaning, and police duty; an extra charge to be made where any exceptional arrangement for lighting effects, building of scenery, or arranging of platform is demanded; each organization to be advised of this charge at the time when the Council of Administration sanctions the giving of the entertainment, and to be required to present a receipt at the office of the supervising architect before the date for the use of the Auditorium is assigned; exceptions to this regulation to be permissible at the discretion of the Council of Administration.

On motion of Mr. Montgomery, this recommendation was approved.

**FIXED CHARGE FOR USE OF THE ARMORY FOR DANCES.**

(7) A further suggestion from Professor James M. White, Supervising Architect, that a charge of thirty dollars (\$30) be made for the use of the old Armory for dances 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. Montgomery, this recommendation also was approved.

**CO-OPERATIVE INVESTIGATION WITH THE ILLINOIS CANNERS' ASSOCIATION CONTINUED.**

(8) A letter from Mr. J. W. McCall, of Gibson City, President of the Illinois Canners' Association, stating that the association will contribute one thousand dollars (\$1,000) for the coming year toward the expense of a research carried on by the University, under the supervision of the Department of Bacteriology, into certain problems of the canning industry; with the following memorandum in regard to the history of this cooperative investigation, and recommendation in regard to its continuance:

In August, 1911 (see minutes of September 12, 1911), the Illinois Canners' Association agreed to contribute one thousand dollars (\$1,000) per year for three years toward such an investigation as is referred to above. This investigation was placed at first under the direction of Dr. Burrill; after his retirement, under that of Professor Otto Rahn.

As very often happens, little seemed to come out of the research during the first year. During the second year, however, Mr. Bronson Barlow, the research assistant engaged on the work, struck an interesting and promising lead, which, it is believed, will lead to results of very great value to the canning industry of the world.

Mr. Barlow is willing to continue to give all his time to this work for another year at a salary of fifteen hundred dollars (\$1,500). The additional expense of the investigation as estimated by Dr. Rahn is four hundred dollars (\$400), including seventy-five dollars (\$75) for materials, twenty-five dollars (\$25) for labor, two hundred dollars (\$200) for traveling expenses, and one hundred dollars (\$100) for incidentals. In other words the contribution of the Canners' Association will cover about half the expenses of the investigation. It is recommended that the sum of one thousand dollars (\$1,000) offered by the Illinois Canners' Association be accepted, and that the President of the University be authorized to appoint Mr. Bronson Barlow Assistant for Canning Investigations in the University for one year beginning July 1, 1913, at a salary of fifteen hundred dollars (\$1,500) for the year.

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

**SUMMARY OF REPORT ON JOURNAL OF ENGLISH AND GERMANIC PHILOLOGY.**

(9) A statement in regard to the condition of the Journal of English and Germanic Philology, including an abstract of the report of Mr. C. M. McConn, Business Manager of the Journal, for the year ending June 30, 1913.

This statement was received to be printed in the minutes:

The Board of Trustees, on April 3, 1908, authorized the assumption and publication of the Journal of English and Germanic Philology, founded by Gustaf E. Karsten, formerly Professor of German in the University. After Professor Karsten's death, Professor Julius Goebel was made Managing Editor. In July, 1910, the business management of the Journal was placed in the hands of the registrar. For the past two years Mr. H. E. Cunningham, Assistant Registrar, has had special charge of the details of the work.

The Journal has secured wide recognition for itself in this country and in Europe as one of the most important scientific agencies in the field of the Germanic languages, including English. The paid-up subscription list is now 315. Forty-two periodicals are on the exchange list.

The following is a summary of the financial statement of the Journal for the year which ends with the current month:

Balance July 1, 1912 .....	\$ 803 85	
Appropriation from Graduate School fund .....	750 00	
Receipts from subscriptions, advertisements and reprints....	1,069 84	
	<b>\$2,623 69</b>	
Expenditures for printing and incidentals .....		\$1,326 18
Balance on hand June 30, 1913 .....		<b>1,297 51</b>
		<b>\$2,623 69</b>

# REPORT OF SUIT OF CHARLES W. SPALDING AGAINST THE UNIVERSITY OF ILLINOIS, ET AL.

(10) A report from Dean O. A. Harker, Legal Counsel, of the suit brought by Mr. Charles W. Spalding, formerly treasurer of the University, against the University of Illinois *et al.*

This report was received to be printed in the minutes:

June 18, 1913.

President E. J. James, University of Illinois.

DEAR SIR: Some time ago you requested me to make a thorough investigation of all the facts and matters involved in the case brought by Charles W. Spalding against the University of Illinois *et al.*, and report the same to you.

My time has been so occupied with other matters since receiving your request as to preclude a thorough investigation and report before this time.

I am now in possession of the data which will enable me to give you the following:

## REPORT.

Some time during the year 1896 it was ascertained that Spalding was in default to the University of Illinois in the sum of \$549,006.42, as follows:

In endowment bonds .....	\$418,110 00
In endowment fund uninvested .....	38,602 91
In general fund .....	92,293 51
Making a total of .....	\$549,006 42

In addition to being Treasurer of the University he was manager of the Globe Savings Bank of Chicago. At the time his defalcation to the University was ascertained to the Globe Savings Bank was greatly involved, and as Spalding had hypothecated some of the University's securities to secure obligations of the bank some serious and vexatious litigation followed. The Chicago Title and Trust Company, as receiver appointed in the case entitled *The People of the State of Illinois ex rel. J. S. McCullough, Auditor, v. The Globe Savings Bank et al.*, laid claim to a large amount of the securities. An adjudication resulted in favor of the University. In the litigation it was necessary for the University to employ counsel in all the cases in which title to the securities was involved. To avoid the expense to the University, and also to provide that the income of the fund derived from the Federal Government be appropriated to the use of the University, an arrangement was made at Springfield whereby the office of the Attorney General took care of the litigation, and an Act was passed protecting the interests of the State in connection with the management of those funds. That Act was passed June 11, 1897, at which time it was determined that the embezzlement of Spalding was as follows:

From the fund for operating expenses.....	\$ 48,116 13
From the fund for building purposes.....	44,803 25
From the federal endowment fund and interest thereon.....	456,712 91
Making a total of.....	\$549,632 29

Before then (14th of April, 1897), Spalding executed a deed of trust to the University to the following described personal property:

16 bonds, town of Buckley (Washington), each.....	\$ 500 00
17 bonds, Marshalltown Light, Power & Railway Co., each.....	1,000 00
50 bonds, Pocatello Power and Irrigation Co., each.....	1,000 00
60 Idaho Canal Co. bonds (new issue) numbered, each.....	1,000 00
Two notes made by J. W. Lanehart, payable on demand.....	5,000 00
(Guaranteed by John P. Altgeld).....	6,500 00

Seven notes of N. W. and G. W. Graham, being for \$1,000, \$500, \$1,500, \$2,000, \$2,000, \$2,000 and \$4,000, respectively, all secured by a trust deed to Adello D. Avril, conveying electric light plant at Carbondale, Ill.; all said notes payable on demand; also secured by stock of said Electric Light Company, par value, \$25,000.

Five hundred shares of stock in the Pocatello Power and Irrigation Co., par value \$100 per share.

Two thousand three hundred ninety shares of stock in the Idaho Canal Co., par value \$100 per share.

In the deed of trust he authorized the University, its trustees, or attorneys, to demand and receive all the said property from any person in whose hands the same might be found, to compromise and discharge any of the obligations mentioned in such way as in its discretion it might see fit, and to take any steps or proceedings to realize from the property at such prices as its trustees or attorneys might elect; the proceeds of the same to be applied to the discharge of the indebtedness to the University. The deed of trust further provided that if there should be any surplus it should be paid over to Spalding.

Spalding also executed a deed of trust or mortgage to Francis M. McKay, the President of the Board of Trustees, to certain lands situated in the state of Idaho and to some encumbered real estate situated in Cook County, Illinois.

On the passage of the Act of June 11, 1897, for the reimbursement of the University for Spalding's defalcation, and in consideration thereof, the securities which had been turned over by Spalding and the deed of trust were transferred to a State commission, composed of the Governor, the State Treasurer and the State Auditor. After that the University regarded itself as relieved of any

responsibility for the collection of the securities or the sale of the lands. In fact, the State commission assumed complete control of the sale, and the whole matter was turned over to the Attorney General of the State. From the best information that I can obtain the Attorney General at that time, Howland J. Hamlin, took charge of the matter and made some collections.

The valuations which had been placed on the securities were largely exaggerated. For instance, the notes against N. W. and G. W. Graham were not worth more than the Carbondale Electric Light Plant, the security for the notes. The Grahams were insolvent. While the electric light company's property was estimated at \$25,000, its true value did not exceed \$6,000. The bonds of the Pocatello Power and Irrigation Company and the bonds of the Idaho Canal Company and the shares of stock in these two companies were worth nothing like the values placed upon them. The irrigation company and the canal company were in hard lines financially, and the shares of stock were of but little, if any, value. There was no demand for the Idaho lands. For these reasons, doubtless, the matter was lost sight of by the State commission. In the mean time the real estate was sold for taxes. Notices were sent to the University by the purchasers at the tax sales and subsequently in suits to perfect title, and requests were made to the University to enter its appearance, disclaim or quit claim. As these notices were turned over to me from time to time by Professor Shattuck or Mr. Pillsbury, they were mailed to the office of the Attorney General at Springfield by me, with the statement that the University was not concerned in view of the legislation of 1897. Mr. Stead, the Attorney General, acted upon that assumption, and so the University has never been a served party to any litigation pending in the state of Idaho and has never authorized any attorney to enter its appearance. In fact, so far as I can ascertain, the University has never assumed an attitude of interest in the Idaho property since the creation of the State commission and the transfer of the securities and trust deed to it.

Spalding was sent to the penitentiary. Soon after his release he began suit in the Superior Court of Cook County against the University for an accounting. Other parties were made defendants. The Attorney General and I appeared for the University and presented our contention that the University, by reason of the legislation of 1897 and the creation of the State commission and what followed, was not a party in interest. For some reason, presumably because Spalding did not at that time regard the University as liable, the bill was dismissed. That was several years ago. A few months ago Spalding began another suit for an accounting, in which he made the Board of Trustees, Francis M. McKay, Governor Yates, Auditor McCullough, Governor Deneen and the acting treasurer, and all other treasurers since the creation of the commission, parties defendant. The theory of the bill was that the securities and the real property turned over by Spalding to the University in 1897 were worth far more than the amount of the defalcation; that the University and McKay had been derelict in their duty in that collections were not made when they could have been made, and in that the real estate had been allowed to sell for taxes and title mature against it in favor of the purchasers; and that the University and not the State commission was answerable to him, because he had not been a party to the transaction whereby the State commission was created and the securities turned over to it and had never consented to it. The contention made in his behalf was that the University could not shield itself by the legislation because so far as Spalding was concerned it violated two prominent provisions of the Constitution. One was that it was an act impairing the existing contract between him and the Board of Trustees. Second, that inasmuch as the property was held in trust and turned over in violation of the trust, it was taking property without due process of law.

While there is good ground for Spalding's contention from a legal point of view, I am satisfied that he could never recover a money decree. In no event could he receive a decree unless the property was worth more than his defalcation. From the best information that I have been able to obtain there has never been a day that all of the property covered by that instrument executed by Spalding would reach in value one-half of the defalcation. In fact, I am confident that the litigation was started with no other view than to secure a little "hush money."

I have had conferences from time to time with the Attorney General and his assistants concerning the matter. I have endeavored at all times to make clear the position of the University in these conferences as I have to the Governor. At a conference recently held in the Attorney General's office, at which he and three of his assistants were present, I expressed my opinion as above and opposed any character of a compromise; that is, I opposed it so far as the University is concerned. I also expressed the opinion (not in behalf of the University, however) that Mr. Spalding was entitled to nothing and that no compromise should be made with him. I did say, however, that I did not want it to be understood that the University was blocking or attempting to block any settlement. It was suggested that a conference be held with Spalding and his attorneys at Springfield on the Wednesday or Thursday of the week following that meeting, and when I left it was arranged that I should be called upon the telephone and notified when to come to Springfield and meet with them. It was not known whether their presence could be obtained on either of the two days mentioned. I remained in my office, or had some one remain in it, all of Tuesday and Wednesday of that week. I received no call. To my surprise I afterwards ascertained that his attorneys had met with representatives from the Attorney General's office, and that the terms of a compromise had been agreed upon which involved the payment of a much larger sum than had been considered or mentioned when I met the Attorney General and the three assistants on the occasion when it was discussed.

If the State commission has been overreached and there has been paid out of the State treasury to Spalding or his attorneys any money without just claim upon the same, it should be distinctly understood that neither the University, its

president, nor its legal counsel has been a party to it or has in any wise consented to it or encouraged it.

Sincerely yours,  
O. A. HARKER,

#### APPOINTMENT OF AN ASSISTANT PROFESSOR OF HISTORY.

(11) A request that authority be given to the President of the University to appoint Dr. Frederick Duncalf, now Adjunct Professor of History in the University of Texas, to be Assistant Professor of History in the University of Illinois, for a term of three years beginning September 1, 1913, at a salary of twenty-five hundred dollars (\$2,500) per annum.

On motion of Miss Watson, it was voted that such authority be given. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mrs. Henrotin, Mr. Meeker.

#### APPOINTMENT OF AN ASSOCIATE PROFESSOR OF HISTORY.

(12) A request that authority be given to the President of the University to appoint Dr. Albert Howe Lybber, now Professor of History in Oberlin College, to be Associate Professor of History in the University of Illinois, at a salary of twenty-eight hundred dollars (\$2,800) per annum, beginning September 1, 1913.

On motion of Mr. Montgomery, it was voted that such authority be given. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mrs. Henrotin, Mr. Meeker.

#### DR. WASHBURN MADE PROFESSOR OF PHYSICAL CHEMISTRY.

(13) A recommendation that authority be given to the President of the University to appoint Dr. Edward Wight Washburn, now Assistant Professor of Physical Chemistry in the University of Illinois, to be Professor of Physical Chemistry, at a salary of thirty-five hundred dollars (\$3,500) per annum, beginning September 1, 1913.

On motion of Mrs. Evans, it was voted that such authority be given. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mrs. Henrotin, Mr. Meeker.

#### NOTE AND INTEREST DUE, COLLEGE OF MEDICINE PROPERTY.

(14) The following statements and recommendation with reference to a note and interest due, being liabilities contracted by the College of Physicians and Surgeons of Chicago.

(a) A statement from Mr. F. P. Schreiber, Cashier of the Union Trust Company, Chicago, addressed to the College of Physicians and Surgeons, that a payment of ten thousand dollars (\$10,000) and the semi-annual interest on a seventy-six thousand dollars (\$76,000) loan amounting to nineteen hundred dollars (\$1,900), will become due and payable at the office of the said Trust Company on July 1, 1913; this being a loan made to the College of Physicians and Surgeons by the School Board of the city of Chicago.

(b) A further statement from Mr. E. J. Prescott, Secretary of the Chicago Savings Bank and Trust Company, addressed to Dr. D. A. K. Steele, President of the College of Physicians and Surgeons, that coupons on the bonds of the College of Physicians and Surgeons are due and payable on July 1, 1913, and in addition a charge of one-quarter of one per cent by the Chicago Savings Bank and Trust Company for paying the same.

The sums due July 1, 1913, therefore, if the above statements are correct, are as follows:

Board of Education mortgage note .....	\$10,000 00
Semi-annual interest on the \$76,000 mortgage at 5 per cent.....	1,900 00
Semi-annual interest on the \$60,000 mortgage bonds (on the old building) at 6 per cent interest .....	1,800 00
Commission to the bank for paying this interest.....	4 50
Semi-annual interest on mortgage bonds on the old high school building, at 6 per cent .....	3,270 00
<b>Total .....</b>	<b>\$16,974 50</b>

(c) A recommendation that the counsel of the University be authorized to pay the interest due on said mortgage and bonds, including the commission to the bank for paying interest, and that he be instructed to secure, if possible, an extension of the Board of Education mortgage note for ten thousand dollars for as long a term as may be feasible.

On motion of Mrs. Evans, it was voted that this recommendation be approved. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mr. Hoit, Mr. Montgomery, Miss Watson; no, Mr. Trevett; present but not voting, Mr. Moore; absent, Mr. Blair, Mr. Dunne, Mrs. Henrotin, Mr. Meeker.

#### NEW LABORATORY FEES.

(15) A recommendation from the Council of Administration that the following new laboratory fees be established in the courses named:

Chemistry 105a—Advanced Physiological Chemistry, per hour.....	\$2 00
Chemistry 107—Calorimetry (formerly \$10), per hour.....	2 00
Household Science 10—Household Management.....	2 00
Mechanical Engineering 32—M. E. Laboratory.....	1 50
Physics 18—Teachers' Course.....	2 00

On motion of Mr. Hoit, it was voted that new laboratory fees be established as recommended.

#### DR. BLOOMFIELD MADE ASSISTANT PROFESSOR OF COMPARATIVE PHILOLOGY AND GERMAN.

(16) A recommendation that Dr. Leonard Bloomfield, at present Instructor in German, be appointed Assistant Professor of Comparative Philology and German, for a term of three years beginning September 1, 1913, at a salary of two thousand dollars (\$2,000) per annum; and also that Dr. Bloomfield be granted leave of absence, without pay, for one year beginning September 1, 1913, for the purpose of European study.

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

#### MAYPOLE PROCEEDS TO BE HELD IN TRUST.

(17) A request from Miss Gertrude E. Moulton, Director of Physical Training for Women, that the University accept the money which is made at the annual Maypole dance, to be held in trust for the athletic interests of the women of the University, such money to be made payable to her order as Director of Physical Training for Women or to that of her successor in that office, subject to the approval of the President of the University.

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

#### REPORT OF PROPOSED BUDGET CLASSIFICATION.

(18) A report of a University committee on a proposed budget classification.

On motion of Mrs. Evans, this report was referred to the Finance Committee for consideration and report.

#### SALE OF A CERTIFICATE OF MICHIGAN STATE TELEPHONE COMPANY'S STOCK.

(19) A statement from Professor George E. Frazer, Comptroller, that the University owns Certificate No. 886 of the Michigan State Telephone Company, giving voting stock of the value of twenty-five dollars (\$25); and a request for authority to dispose of this certificate for cash, a reliable firm of brokers stating that it can be sold at or above par.

On motion of Mr. Montgomery, it was voted that the comptroller be authorized to sell this certificate of stock.

#### SIGNING OF VOUCHERS TO BE SENT TO THE AUDITOR OF PUBLIC ACCOUNTS.

(20) The following letter from Professor George E. Frazer, Comptroller, with reference to the method of signing the University vouchers to be sent to the Auditor of Public Accounts:

June 23, 1913.

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

DEAR SIR: Your attention is respectfully called to the fact that the University Appropriation Bill recently passed by the Legislature requires the presentation of individual vouchers to the Auditor of Public Accounts before warrants are drawn.

The law specifically requires that these vouchers must be "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."

While in Springfield recently, I visited several State offices working under requirements similar to those referred to above. I discovered it to be a uniform practice in these offices for clerks to sign the names of those required by law to make official certificate on vouchers.

The number of University vouchers to be sent to the Auditor of Public Accounts will approximate three thousand per month. Because of the number of such vouchers, and because of the practice in other State departments, referred to in the preceding paragraph, I respectfully recommend that authority be given me to sign the names of the President and the Secretary of the Board of Trustees, and to attach the corporate seal of the University to such itemized vouchers as are by law subject to such procedure.

Very truly yours,

GEORGE E. FRAZER, *Comptroller*.

On motion of Mr. Montgomery, this recommendation of the comptroller was referred to the Finance Committee, with power to act.

#### LETTER FROM THE COMMANDANT CONCERNING THE FLOORING OF THE ARMORY.

(21) A letter from Lieutenant Colonel B. C. Morse, Commandant, with reference to the flooring of the new Armory.

This letter was received to be printed in the minutes:

June 24, 1913.

*The President, University of Illinois.*

SIR: In view of the appropriation soon to be available for building, I have the honor to request that such an amount be appropriated at once to extend the new Armory to its full length, to build the towers, and to floor, heat, and light the building, that it can be occupied for drill purposes not later than the arrival of unsettled weather this year or about November 1.

In regard to flooring the building, I beg leave to state that for the uses of the Military Department for drilling alone, men can drill on a soft floor as well as, or better than, on a hard one; but in case it was left soft, the floor would have to be made of some material that would not get muddy when wet and could never be used unless it was damp enough to keep the dust down. This would be a never ending and an almost impossible task, but would be absolutely necessary to save the clothing of the men drilling, and, still more important, to preserve the rifles and equipment to the value of \$30,000 that are stored there at all times. I sincerely believe that the use of the Armory with a dirt floor for drilling or athletics, with the arms stored in the main room, where they will have to be stored until the company rooms are completed, would soon result in their being ruined with dampness and dust. The rifles have always been kept in very good condition in the old Armory, as reported continuously by the War Department Inspectors, and it is desired that they continue to be kept in such condition.

Drill is always out of doors when possible, but the Armory is used from 4:00 to 6:00 P.M. on Mondays, Tuesdays, Wednesdays, and Thursdays each week from about November 15 to April 1 by about 400 men each day; this in addition to several sections in drill regulations held there during the week. At all these times the Armory could not be used by anybody else for any other purpose whatever.

Aside from its uses by the Military Department, it has always been my idea that the Armory was built to be used by the University for many things beside mere drilling during bad weather; uses that would often require a seating capacity and hence a floor.

To have a floor half dirt and half wood would be simply out of question. Such a floor would have all the disadvantages of both, combined with the advantages of neither. Men drilling immediately increase the cadence of the step in marching from a soft to a hard floor, and decrease the cadence in marching from a hard to a soft floor. It would ruin the drill. Every precaution against dust would have to be taken, and the wooden floor would be as dirty as the dirt part.

After every consideration is weighed, for the uses of the Military Department, and the care of the arms and equipment, as well as for the general uses to which the building will be put, I am strongly of the opinion that the building should be floored with wood.

Furthermore, if the building is not so floored, it will take, with the greatest care and precaution, but a short time to ruin the arms and equipment, for whose safe and careful keeping the University has given a bond to double their value.

Very respectfully,

B. C. MORSE,  
*Lieut. Colonel, Infantry, Professor of Military Science.*

#### EMERGENCY APPOINTMENTS AUTHORIZED IN THE WATER SURVEY.

(22) The proposed budget of the Water Survey, drawn up by Professor Edward Bartow, Director of the Water Survey, on the supposition that the Governor will approve the item in the present omnibus bill now before him for consideration providing for additional duties for the Water Survey and for an



appropriation for that department; with the request that the President of the University be authorized to approve such items in the Water Survey Budget as must go into effect on July 1, 1913, provided the Governor signs the bill with the item for the Water Survey included.

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

At this point Mr. Moore withdrew.

#### DISCUSSION OF THE RULE IN REGARD TO THE EMPLOYMENT OF RELATIVES.

The question of the interpretation of the rule of the board in regard to the appointment of relatives having been raised by Mr. Trevett, Mr. Montgomery offered the following motion:

That the rule of the Board of Trustees with reference to the non-employment of relatives be applied only to the immediate family, not to nephews and nieces or other members of the relationship outside of the immediate family.

In the discussion which followed, President James presented the following suggested resolution relating to this matter:

WHEREAS, It has been strongly urged upon the attention of the Board of Trustees of the University of Illinois that the rigid enforcement of the present rule concerning the appointment of relatives of members of the University staff to positions under the board may at times work serious injury to the University by excluding from its staff men of unusual distinction and merit or men especially well qualified for some particular piece of work in teaching, investigation or administration:

*Therefore, be it voted:*

1. That the board hereby reaffirms the rules already adopted.  
2. That the President of the University, however, by way of exception, may feel free in unusual cases to make recommendations at variance with the above rules, provided:

a. That he call the attention of the Board of Trustees in the case of each individual recommendation to the proposed departure from the rules.

b. That he state definitely concerning each recommendation of the kind that in his opinion the peculiar circumstances in the case justify the making of an exception to the rules.

On motion of Mrs. Evans, it was voted that both Mr. Montgomery's motion and the resolution suggested by President James be referred to a special committee, to be appointed by the Chair, for consideration in connection with any other suggestions that might be made, and for report.

#### MATTERS PRESENTED BY THE SUPERVISING ARCHITECT.

Prof. James M. White, Supervising Architect, presented the following matters for consideration:

##### PLAN FOR EXTENSION OF HEAT, LIGHT, AND POWER PLANT.

(1) A plan for the extension of the heat, light and power plant and an extension of the system of water supply and drainage to the buildings south of the Auditorium; with a report in regard to this plan from a committee of the heads of departments of the College of Engineering, including Dean Goss, and Professors Berg, Richards, Schmidt and Talbot; also a request that an appropriation of fifty thousand dollars (\$50,000) be made at once for this purpose so that the construction work can be completed this fall.

On motion of Mr. Trevett, this plan, report, and request, were referred to the Committee on Buildings and Grounds, with power to act and to expend not to exceed fifty thousand dollars (\$50,000) for this purpose; the vote being as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mr. Hoit, Mr. Montgomery, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mrs. Henrotin, Mr. Meeker, Mr. Moore.

##### REPORT ON REPAIRS IN BUILDINGS.

(2) A report on repairs which should be made in University buildings during the current summer, and a request for an appropriation of seventeen thousand sixty dollars (\$17,060) to cover the estimated cost of these repairs.

On motion of Mr. Hoit, this report and request were referred to the Committee on Buildings and Grounds, with power to act, and to expend not to exceed seventeen thousand sixty dollars (\$17,060) for this purpose. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mr. Hoit, Mr. Montgomery, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mrs. Henrotin, Mr. Meeker, Mr. Moore.

#### REPORT ON IMPROVEMENTS OF BUILDINGS AND GROUNDS.

(3) A report with reference to a number of improvements both in buildings and on the grounds which it is deemed advisable to make, in addition to the repairs referred to in the preceding report, with a list of twenty-three such items recommended.

On motion of Mr. Montgomery, this report was referred to the Committee on Buildings and Grounds, for consideration and report.

#### APPROPRIATION FOR REPAIR OF BOILERS, COLLEGE OF MEDICINE.

(4) A request for an appropriation of two hundred dollars (\$200) for repairs on the boilers of the College of Medicine.

On motion of Mrs. Evans, this appropriation was made. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mr. Hoit, Mr. Montgomery, Miss Watson; noes, Mr. Trevett; absent, Mr. Blair, Mr. Dunne, Mrs. Henrotin, Mr. Meeker, Mr. Moore.

#### PAVEMENTS ADJOINING COLLEGE OF MEDICINE PROPERTY.

(5) A request for an appropriation of two hundred twenty-five dollars (\$225) for the laying of a cement walk on Harrison Street, Chicago, opposite the old building of the College of Medicine, this walk having been ordered by the city of Chicago; also a request that the supervising architect be authorized to protest against an order of the city of Chicago that a pavement be laid on Ogden Avenue on one side of the property of the College of Medicine.

It was voted that this appropriation of two hundred twenty-five dollars (\$225) be made as requested for laying the sidewalk on Harrison Street; and also that the supervising architect be authorized to enter a protest as suggested against the order that a sidewalk be laid on Ogden Avenue. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mr. Hoit, Mr. Montgomery; noes, Mrs. Busey, Mr. Trevett; present but not voting, Miss Watson; absent, Mr. Blair, Mr. Dunne, Mrs. Henrotin, Mr. Meeker, Mr. Moore.

#### PLAN FOR CAMPUS LIGHTING.

(6) A plan for lighting the campus as far south as the auditorium by means of underground cables and incandescent lights, the estimated cost of the installation being five thousand dollars (\$5,000).

This plan was referred to the Committee on Buildings and Grounds, for consideration and report.

#### PLAN FOR EXTENSION OF THE LIBRARY STACKS.

(7) A plan for the extension of the Library stacks.

This plan was referred to the Committee on Buildings and Grounds, for consideration and report.

The board adjourned.

W. L. ABBOTT, *President*.

C. M. McCONN, *Secretary*.

# CASH STATEMENT OF THE UNIVERSITY OF ILLINOIS FOR THE TWELVE MONTHS ENDING JUNE 30, 1913.\*

## RECEIPTS.

Balance July 1, 1912.....		\$ 607,488 81
Interest on endowment fund and on land contracts....	\$ 32,464 34	
Other United States grants .....	79,552 19	
State appropriations—		
For buildings .....	246,500 00	
For operating expenses .....	575,000 00	
For other special purposes .....	747,400 00	
Student Fees—		
Urbana .....	125,230 20	
Chicago .....	37,757 01	
Departmental sales .....	99,260 00	
Interest on bank balances .....	22,784 70	
Gifts .....	4,125 00	
Trust funds .....	6,638 06	
Miscellaneous .....	13,029 56	
		1,989,741 06
		\$2,597,229 87

## DISBURSEMENTS.

Salaries .....	\$963,115 17	
Labor .....	253,918 33	
Buildings .....	515,514 22	
Library .....	44,446 17	
Departmental and general equipment .....	176,340 10	
Office expense .....	51,802 33	
Departmental expense .....	245,850 11	
Trust funds .....	6,541 07	
Interest—College of Medicine .....	15,053 03	
Miscellaneous .....	44,224 55	
		\$2,316,805 08
Cash balance June 30, 1913.....		280,424 79
		\$2,597,229 87

\* Compiled from "Report of the Comptroller for the Biennium ending June 30, 1913."

# WARRANTS FOR THE YEAR ENDING JUNE 30, 1913.

## GENERAL UNIVERSITY WARRANTS.

No.	Date.	To whom.	For what.	Amount.
1	July 1912.	T. F. Jordan.	Milk.	\$33 10
2	do.	R. T. Lumsden.	do.	29
3	do.	F. W. Taylor.	do.	6 07
4	do.	S. Harriott.	do.	3 26
5	do.	W. J. Collins.	do.	10 11
6	do.	H. Waecher.	do.	27 11
7	do.	Lou Creiger.	do.	17 57
8	do.	C. Ross.	do.	7 31
9	do.	A. F. Dyson.	do.	9 81
10	do.	Geo. Schiff.	do.	19 04
11	do.	H. C. Kaufman.	do.	15 26
12	do.	Len Rayburn.	do.	10 92
13	do.	G. Reelstack.	do.	9 44
14	do.	E. Grove.	do.	2 55
15	do.	H. Buns.	do.	1 89
16	do.	L. P. Rayburn.	do.	13 64
17	do.	B. Jordan.	do.	14 90
18	do.	C. J. Gillispe.	do.	16 30
19	do.	J. C. Anderson.	do.	10 84
20	do.	Core Stacker.	do.	10 67
21	do.	J. B. Marsh.	do.	7 14
22	do.	J. M. Smith.	do.	13 77
23	do.	J. E. Haney.	do.	30 18
24	do.	H. M. Corray.	do.	5 91
25	do.	Frank Knox.	do.	12 46
26	do.	G. C. Gordon.	do.	9 38
27	do.	L. F. Lindsay.	do.	5 42
28	do.	W. Davis.	do.	6 89
29	do.	F. H. Bussey.	do.	19 52
30	do.	S. Grinn.	do.	8 20
31	do.	John Englebrecht.	do.	10 27
32	do.	R. S. McInnes.	do.	7 68
33	do.	Pearl Hazen.	do.	15 85
34	do.	John Godsell.	do.	8 24
35	do.	D. S. Harriott.	do.	14 95
36	do.	Mrs. I. Elrod.	do.	5 43
37	do.	F. W. Howell.	do.	13 42
38	do.	E. S. Hayes.	do.	3 46
39	do.	E. Armstrong.	do.	1 80
40	do.	W. J. Wilson.	do.	10 08
41	do.	W. H. Frame.	do.	3 28
42	do.	I. H. Besore.	do.	8 06
43	do.	W. F. Hampton.	do.	14 05
44	do.	T. M. Ghene.	do.	4 54
45	do.	H. Moorhouse.	do.	1 08
46	do.	C. W. Hamm.	do.	8 06
47	do.	J. F. Hoy.	do.	12 10
48	do.	J. C. V. Taylor.	do.	4 75
49	do.	Geo. Harriott.	do.	9 16
50	do.	David Wilkins.	do.	3 72
51	do.	E. J. Percival.	do.	28 56
52	do.	E. R. Canady.	do.	6 24
53	do.	W. D. Rohl.	do.	4 37
54	do.	W. O. Welsh.	do.	3 61
55	do.	Mrs. J. H. Rutan.	do.	15 08
56	do.	G. F. Deslenbach.	do.	8 34
57	do.	R. A. Lumsden.	do.	6 24
58	do.	W. W. Meyer.	do.	8 66
59	do.	D. W. Shively.	do.	8 59
60	do.	Van Carter.	do.	9 74
61	do.	A. R. Grindley.	do.	8 29
62	do.	H. I. Nelson.	do.	4 52
63	do.		do.	4 38

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
64	July 8	G. M. Seeber.....	Milk.....	\$ 10 70
65	do.	C. C. Gordon.....	do.	15 18
66	do.	J. E. Henderson.....	do.	6 80
67	do.	T. P. Lyon.....	do.	9 83
68	do.	C. C. Rayburn.....	do.	3 70
69	do.	M. Hudson.....	do.	8 37
70	do.	J. M. Herriott.....	do.	8 57
71	do.	A. G. Krukewitt.....	do.	5 82
72	do.	G. H. Spencer.....	do.	3 84
73	do.	M. Leigh.....	do.	9 49
74	do.	H. Cherry.....	do.	5 01
75	do.	J. B. Salliday.....	do.	14 98
76	do.	A. G. Guard.....	do.	6 78
77	do.	W. H. Webb.....	do.	6 44
78	do.	Fred Thompson.....	do.	9 41
79	do.	E. F. Lyons.....	do.	8 68
80	do.	S. Atkinson.....	do.	6 47
81	do.	John Cavanaugh.....	do.	5 29
82	do.	W. E. Yount.....	do.	14 94
83	do.	L. H. Gordon.....	do.	18 09
84	do.	R. W. McDaniels.....	do.	11 31
85	do.	W. E. Leigh.....	do.	4 00
86	do.	J. A. R. Koch.....	do.	11 73
87	do.	T. A. McCracken.....	do.	3 41
88	do.	C. Allen.....	do.	8 54
89	do.	John Weiss.....	do.	17 47
90	do.	O. A. McInnes.....	do.	2 68
91	do.	G. Taylor.....	do.	4 76
92	do.	Jas. Freeman.....	do.	11 09
93	do.	J. H. Schwengel.....	do.	13 61
94	do.	E. W. Smalley.....	do.	12 40
95	do.	P. P. Dunn.....	do.	7 87
96	do.	J. M. Stickrod.....	do.	30 18
97	do.	T. N. Burwash.....	do.	11 60
98	do.	R. W. Graham.....	do.	12 04
99	do.	R. Maggard.....	do.	22 74
100	do.	John McCullough.....	do.	17 64
101	do.	Jacquín & Co.....	Paper.....	24 65
102	do.	C. Hasler.....	Harness, etc.....	31 65
103	do.	L. Hahn & Son.....	Plow.....	12 00
104	do.	Patek Bros.....	Paint.....	13 20
105	do.	Jas. B. Clow & Sons.....	Pipe.....	153 38
106	do.	English Brothers.....	Payment on contract.....	10, 676 00
107	do.	A. W. Stoolman.....	do.	2, 425 90
108	do.	A. W. Stoolman.....	do.	6, 230 00
109	July 9	G. L. Koch.....	Hay.....	240 80
110	do.	A. A. Sphung.....	Laboratory specimens.....	11 25
111	July 10	J. H. Carter.....	Field expenses.....	107 00
112	do.	Orr Allyn.....	Expenses.....	15 36
113	do.	Dulau & Co., Ltd.....	Books.....	85 17
114	do.	Martin Dupray.....	Salary, June 15-29, 1912.....	37 50
115	do.	Librarian of Congress.....	Printed cards.....	75 00
116	do.	John Crerar Library.....	Deposit on cards.....	20 00
117	do.	D. M. Crockett.....	Repairing.....	3 10
118	do.	L. E. Stoutenberg.....	Pease.....	10 00
119	do.	Olney Coal & Teaming Co.....	Coal.....	11 02
120	do.	Spring Brothers.....	Seeds.....	37 50
121	do.	Jesse Jones Paper Box Co.....	Boxes.....	50 00
122	do.	F. A. Hawley.....	Concrete work.....	1, 092 80
123	do.	D. O. Barto.....	Expenses.....	26 58
124	do.	John Crawford.....	Expenses and services.....	18 59
125	do.	H. E. Evans.....	Expenses.....	21 97
126	do.	Leonard Hegnauer.....	do.	12 12
127	do.	Otto Harrassowitz.....	Books.....	176 70
128	do.	C. M. McConn.....	Expenses.....	15 64
129	do.	Nora Kervian.....	Salary April 20-June 30, 1912.....	80 77
130	do.	C. A. Campbell.....	Expenses.....	30 84
131	do.	H. C. Gilkerson.....	do.	39 03
132	do.	P. D. Long.....	Field expenses.....	74 25
133	do.	J. E. Readhimer.....	Expenses.....	27 01
134	do.	C. C. Logan.....	do.	94 86
135	do.	H. F. T. Fahrnkopf.....	do.	26 68
136	do.	J. A. Rumer & Son.....	Field expenses.....	22 90
137	do.	F. C. Buaer.....	Expenses.....	40 56
138	do.	A. E. Morris.....	Field expenses.....	115 39
139	do.	J. E. Whitchurch.....	Expenses.....	87 95
140	do.	A. L. Moats.....	Field expenses.....	36 40
141	do.	J. H. Smith.....	do.	70 85
142	do.	J. F. Johnson.....	do.	66 25

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1912.				
143	July 10	Alfred Bergren.	Field expenses.	\$ 14 85
144	..do.	W. F. Handschin.	Expenses.	30 69
145	July 11	E. C. Schmidt.	..do.	131 18
146	..do.	F. M. Mann.	..do.	5 04
147	..do.	Otto Harrassowitz.	Books.	103 62
148	..do.	A. F. Gustafson.	Expenses.	62 67
149	..do.	R. Friedlander & Sohn.	Books.	99 88
150	July 12	R. C. Kastler.	Expenses.	7 98
151	..do.	John Balcom.	..do.	23 69
152	..do.	V. Jobst & Sons.	Payment on contract.	23,375 00
153	..do.	Otto Harrassowitz.	Books.	42 09
154	..do.	W. G. Stromquist.	Expenses.	35 86
155	July 13	C. H. Mills.	..do.	9 09
156	..do.	C. F. Hottes.	Lectures.	75 00
157	..do.	G. M. Whipple.	..do.	100 00
158	..do.	C. H. Robinson.	Expenses and lectures.	53 17
159	..do.	Vaughan McCaughey.	Lecture.	25 00
160	..do.	O. A. Arozian.	Wages, July 1-20, 1912.	40 00
161	July 15	Alexander, Ward & Conover.	Steers.	1,271 00
162	..do.	Louis Brandt.	Drawings.	2 75
163	..do.	Arthur Lumbrick.	Expenses.	24 39
164	..do.	Orr Allyn.	..do.	13 66
165	..do.	W. H. Galliher.	Field expenses.	138 81
166	..do.	W. F. M. Goss.	Expenses.	121 91
167	..do.	Electric Coal Co.	Coal.	850 14
168	..do.	H. P. Corson.	Expenses.	6 11
169	..do.	Central Union Telephone Co.	Service.	146 70
170	July 16	John Harp.	Payment on contract.	246 50
171	..do.	Champaign & Urbana Water Co.	Permit.	37 50
172	..do.	Colorado Iron Works Co.	Rolls.	247 50
173	..do.	Walrus Mfg. Co.	Furniture.	226 40
174	..do.	McBeth & Dallas.	Alfalfa seed.	132 20
175	..do.	Pantagraph Printing & Stationery Co.	Printing.	128 02
176	..do.	J. C. Allen.	Expenses and negatives.	81 85
177	..do.	1913 Illio.	Books.	5 00
178	..do.	Cunningham Brothers.	Drugs, etc.	17 45
179	..do.	W. G. Griffith.	Seeds.	231 00
180	..do.	J. C. Thomas.	Hardware.	5 20
181	..do.	W. Lewis & Co.	Dry goods.	5 25
182	..do.	G. C. Willis.	..do.	1 38
183	..do.	Chas. Mollet.	Labor and materials.	15 15
184	..do.	Walker & Mulliken.	Furniture.	27 55
185	..do.	W. W. Walls & Co.	Lumber.	24 14
186	..do.	Urbana & Champaign Railway, Gas Electric Co.	Gas.	456 80
187	July 17	P. S. Campbell.	Printing.	43 75
188	..do.	National Refrigerating & Butchers Supply Co.	Supplies.	1 50
189	..do.	A. H. Barber Creamery Supply Co.	Dairy Supplies.	15 05
190	..do.	20th Century Press Clipping Bureau.	Clippings.	2 50
191	..do.	Shavings & Sawdust Co.	Shavings.	93 00
192	..do.	Derrough & Co.	Bottle Caps.	1 40
193	..do.	G. C. Gordon.	Corn.	5 00
194	..do.	Henry Christlieb.	..do.	6 00
195	..do.	H. A. Haugan.	Office expenses, etc.	150 00
196	..do.	Senate Luncheon Committee.	Luncheon tickets.	5 00
197	..do.	Central Scientific Co.	Apparatus.	25 53
198	..do.	Creamery Package Mfg. Co.	Can seals, etc.	8 10
199	..do.	Hardie Mfg. Co.	Bucket outfit.	4 00
200	..do.	Peter Gray & Sons.	Tinware, etc.	53 60
201	..do.	Dryer & Burt.	Oats.	50 70
202	..do.	Vaughan's Seed Store.	Seeds.	38 00
203	..do.	Stone Brothers.	Merchandise.	5 80
204	..do.	Sturges & Burn Mfg. Co.	Cans.	39 00
205	..do.	B. A. Strauch.	Photography.	14 80
206	..do.	Spencer Lens Co.	Microscope.	67 50
207	..do.	The Silver Mfg. Co.	Apparatus.	160 13
208	..do.	C. C. Short.	Shoeing.	14 00
209	..do.	P. D. Foster.	Labor and materials.	3 00
210	..do.	H. Mueller Mfg. Co.	Hose fittings.	6 30
211	..do.	B. R. Rickards.	Filing cabinet.	16 00
212	..do.	Yesterlaid Egg Farms Co.	Eggs.	20 00
213	..do.	Tullos School.	Copy holder.	2 50
214	..do.	W. O. Wilson.	Hauling.	3 00
215	..do.	G. A. McGahey.	Seeds.	5 55
216	..do.	S. E. Henley Lumber Co.	Lumber.	20 00
217	..do.	Hegenbart & Dickerson Co.	Cleaner.	1 00
218	..do.	Shuck Hardware Co.	Hardware.	6 55
219	..do.	H. A. Dreer.	Flower seeds, etc.	9 25

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
220	July 17	Lewis Electric Supply Co.	Labor.	\$ 12 40
221	do.	Hunter, Rourke & Co.	Lumber.	2 80
222	do.	T. F. Daly	Crackers.	4 00
223	do.	W. J. Boehm	Apparatus.	12 75
224	do.	J. T. Baker Chemical Co.	Laboratory supplies.	193 25
225	do.	Baker & Co., Inc.	do.	23 43
226	do.	Bacon Brothers.	Paint.	1 00
227	do.	H. Swannell & Son.	Drugs.	5 60
228	do.	Woldenberg & Schaar.	Laboratory supplies.	22 25
229	do.	Keuffel & Esser Co.	Tracing cloth.	14 54
230	do.	Putnam-Page Co., Inc.	Machine.	60 00
231	do.	F. A. Wilske.	Repairing.	4 00
232	do.	Ward Leonard Electric Co.	Rheostat.	34 20
233	do.	Hoskins Mfg. Co.	Laboratory supplies.	32 74
234	do.	International Acheson Graphite Co.	Electrodes.	15 60
235	do.	The Cincinnati Milling Machine Co.	Repairs.	2 10
236	do.	Joseph Dixon Crucible Co.	Crucibles and covers.	2 50
237	do.	Crane Co.	Magnesia.	9 48
238	do.	Builders Iron Foundry.	Laboratory apparatus.	85 50
239	do.	Crosby Steam Gage & Valve Co.	Scales, etc.	128 00
240	do.	Chas. H. Besly & Co.	Paint.	5 00
241	do.	Eastman Kodak Co.	Films.	8 00
242	do.	Tablet & Ticket Co.	Labels.	7 50
243	do.	Electric Appliance Co.	Cable.	102 82
244	do.	John C. Moore Corporation.	Printing and binders.	7 25
245	do.	B. Mercil & Sons Plating Co.	Tubes and plates.	2 35
246	do.	Westerlin & Campbell Co.	Steam gauge.	5 69
247	do.	Harshaw, Fuller & Goodwin Co.	Magnesite.	23 38
248	do.	Wm. Sellers & Co.	Plates.	1 00
249	do.	Illinois Traction System.	Trolley supplies.	6 23
250	do.	G. E. Warner.	Books.	49 60
251	do.	Dunbar Rowland-Dir.	Books.	3 50
252	do.	Ideal Electric Co.	Wire, etc.	69 79
253	do.	Carlos B. Ellis, Treasurer.	Books.	1 11
254	do.	The Boston Book Co.	Book.	7 78
255	do.	Bennett's Newspaper & Magazine Agency	Subscriptions.	7 45
256	do.	Chivers Book Binding Co.	Binding.	59 53
257	do.	The National Conference of Charities.	Books.	12 60
258	do.	G. W. Sheldon & Co.	Entry fees, etc.	5 55
259	do.	The Rare Book Shop.	Book.	7 00
260	do.	G. E. Stechert & Co.	Books.	258 90
261	do.	The Slat Lake Hardware Co.	Assay balance.	112 50
262	do.	The V. D. Anderson Co.	Steam trap.	27 00
263	do.	Bryan-Marsh Electric Works.	Mazda lamps.	27 38
264	do.	The Babcock & Wilcox Co.	Valve fittings.	5 60
265	do.	A. D. Cook.	Cylinder.	25 00
266	do.	Sabra Stevens.	Salary summer session.	85 00
267	do.	Florence R. Curtis.	do.	175 00
268	do.	Ione Armstrong.	do.	175 00
269	do.	Andrews Brothers.	Lumber.	311 33
270	do.	German Kali Works.	Kainit.	42 09
271	do.	W. P. Wheeler.	Lumber.	322 73
272	do.	Oblong Lumber Co.	Lumber, etc.	32 27
273	do.	John Ruhm, Jr.	Phosphate rock.	213 21
274	do.	The Crown Press.	Half-tones.	6 30
275	do.	Library Bureau.	Furniture, etc.	113 25
276	do.	R. F. Hildebrand.	Photographs.	2 50
277	do.	D. Van Nostrand Co.	Book.	1 80
278	do.	John Wiley & Sons.	Books.	51 80
279	do.	International Press Clipping Bureau.	Clippings.	5 00
280	July 18	The Home Telephone Co.	Rental.	100 00
281	do.	The University Press.	Printing.	5 00
282	do.	E. H. Swigert.	Repairing piano.	20 00
283	do.	Wm. Hix.	Labor and materials.	8 25
284	do.	Illinois Traction System.	Handling test car.	30 29
285	do.	E. C. Schmidt.	Expenses.	12 69
286	do.	Whiting Paper Co.	Paper.	60 00
287	do.	Garlock Packing Co.	Packing.	10 43
288	do.	Pittsburgh Meter Co.	Disc.	10 00
289	do.	Western Electric Co.	Oil and can.	5 20
290	do.	A. N. Marquis & Co.	Book.	4 75
291	do.	H. W. Stewart.	Expenses.	117 20
292	do.	A. F. Gustafson.	do.	51 40
293	do.	E. E. Hoskins.	do.	51 94
294	do.	J. W. Durbin.	do.	256 01
295	do.	G. M. Hinkley.	do.	63 94
296	do.	J. T. Newsome.	do.	12 15
297	do.	O. S. Fisher.	do.	46 22
298	do.	H. C. Wheeler.	do.	173 55

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
299	July 18	J. E. Readhimer.....	Expenses.....	\$ 81 51
300	do.	S. V. Holt.....	do.....	125 17
301	do.	S. E. Huff & Co.....	Lumber, etc.....	28 50
302	do.	Reliable Plumbing & Heating Co.....	Labor and materials.....	88 94
303	do.	Central Electric Co.....	Fans, switches, etc.....	46 80
304	do.	Percival Moorehead.....	Hardware, etc.....	7 90
305	do.	The University of Illinois Supply Store.....	Office supplies.....	36 70
306	do.	C. A. Hall Hardware Co.....	Hardware, etc.....	51 05
307	do.	Saffell Co.....	do.....	121 02
308	do.	J. B. Bennett.....	Sewers, etc.....	29 65
309	do.	J. Terquem & Cie.....	Books.....	94 76
310	do.	The Alexander Lumber Co.....	Lumber, etc.....	70 80
311	do.	Beardsley Hotel Co.....	Hotel bills.....	5 05
312	do.	Derrough & Co.....	Hardware, etc.....	40 04
313	do.	Illinois State Reformatory.....	Printing.....	210 65
314	do.	E. H. Sargent & Co.....	Laboratory supplies.....	89 37
315	do.	F. K. Robeson.....	Dry goods, etc.....	40 11
316	do.	Bausch & Lomb Optical Co.....	Microscope, etc.....	79 28
317	do.	John H. Doyle.....	Hardware, etc.....	7 90
318	do.	Ernst Hertzberg & Sons.....	Bookbinding.....	56 83
319	do.	The Burr Co.....	Foundry work.....	284 57
320	do.	Twin City Roofing & Sheet Metal Works.....	Copper, solder, etc.....	200 22
321	do.	H. F. Chester.....	Drayage, etc.....	30 83
322	July 19	Kraut & Dohnal.....	Tape.....	10 00
323	do.	Alphons Custodis Chimney Construction Co.....	Payment on contract.....	401 66
324	do.	Engineering News.....	Advertising.....	15 60
325	do.	International Magazine Co.....	Book.....	5 00
326	do.	Inter-Ocean Oil Co.....	Oil.....	12 75
327	do.	W. W. Lindley, Postmaster.....	Postage.....	50 00
328	do.	McKey & Poague, Agents.....	Rent, July, 1912.....	500 00
329	July 20	J. C. Anderson.....	Milk.....	6 74
330	do.	Cora Stacker.....	do.....	7 67
331	do.	J. B. Marsh.....	do.....	6 44
332	do.	J. M. Smith.....	do.....	12 72
333	do.	J. E. Haney.....	do.....	26 09
334	do.	H. M. Corray.....	do.....	4 36
335	do.	Frank Knox.....	do.....	12 93
336	do.	G. C. Gordon.....	do.....	9 81
337	do.	L. T. Lindsey.....	do.....	5 26
338	do.	W. Davis.....	do.....	2 60
339	do.	F. H. Busey.....	do.....	16 10
340	do.	S. Guinn.....	do.....	6 91
341	do.	R. S. McInnes.....	do.....	8 48
342	do.	Pearl Hazen.....	do.....	23 74
343	do.	John Godsell.....	do.....	5 77
344	do.	D. S. Herriott.....	do.....	12 48
345	do.	Wm. Rayburn.....	do.....	3 19
346	do.	Mrs. I. Ellrod.....	do.....	14 06
347	do.	F. W. Howell.....	do.....	3 61
348	do.	E. S. Hays.....	do.....	13 58
349	do.	J. W. Wilson.....	do.....	3 64
350	do.	W. H. Frame.....	do.....	11 76
351	do.	I. H. Besore.....	do.....	7 64
352	do.	W. F. Hampton.....	do.....	4 03
352	do.	T. M. Ghere.....	do.....	17 72
354	do.	H. J. Morehouse.....	do.....	20 07
355	do.	C. W. Hamm.....	do.....	4 07
356	do.	J. C. V. Taylor.....	do.....	3 44
357	do.	Geo. Herriott.....	do.....	20 30
358	do.	David Wilkins.....	do.....	5 57
359	do.	E. J. Percival.....	do.....	96
360	do.	John McCullough.....	do.....	17 60
361	do.	M. Cherry.....	do.....	7 92
362	do.	E. R. Canady.....	do.....	11 70
363	do.	M. D. Rohl.....	do.....	22 06
364	do.	W. C. Welch.....	do.....	7 14
365	do.	Flora Zeigler.....	do.....	2 66
366	do.	G. F. Diefenbach.....	do.....	12 40
367	do.	Jacob Zeigler.....	do.....	10 33
368	do.	R. A. Lumsden.....	do.....	7 19
369	do.	W. W. Meyer.....	do.....	8 34
370	do.	D. W. Shiveley.....	do.....	22 17
371	do.	Van Carter.....	do.....	7 81
372	do.	A. R. Grindley.....	do.....	4 20
372	do.	H. I. Nelson.....	do.....	4 95
374	do.	G. M. Seeber.....	do.....	9 66
375	do.	C. C. Gordon.....	do.....	12 93
376	do.	J. E. Henderson.....	do.....	6 40



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
377	July 20, 1912.	T. P. Lyon.	Milk.	\$ 11.59
378	do.	C. C. Rayburn.	do.	3.16
379	do.	M. Hudson.	do.	6.52
380	do.	J. M. Herrloff.	do.	11.22
381	do.	A. G. Krikewitt.	do.	4.45
382	do.	G. H. Spencer.	do.	6.83
383	do.	M. Leigh.	do.	6.24
384	do.	H. Cherry.	do.	3.30
385	do.	J. B. Salliday.	do.	12.88
386	do.	A. G. Guard.	do.	8.55
387	do.	G. W. Webb.	do.	4.17
388	do.	Fred Thompson.	do.	8.68
389	do.	O. W. Hampton.	do.	5.98
390	do.	E. F. Lyon.	do.	9.15
391	do.	S. Atkinson.	do.	6.94
392	do.	John Cavanaugh.	do.	5.20
393	do.	W. H. Gray.	do.	5.05
394	do.	W. E. Yount.	do.	9.94
395	do.	L. H. Gordon.	do.	13.46
396	do.	A. W. McDaniels.	do.	10.02
397	do.	W. E. Leigh.	do.	3.64
398	do.	J. A. R. Koch.	do.	13.44
399	do.	T. A. McCracken.	do.	5.51
400	do.	C. Allen.	do.	8.25
401	do.	John Weiss.	do.	22.17
402	do.	O. A. McInnes.	do.	1.86
403	do.	G. Taylor.	do.	2.92
404	do.	Jas. Freeman.	do.	9.96
405	do.	J. H. Schwengel.	do.	11.20
406	do.	E. W. Smalley.	do.	10.02
407	do.	P. P. Dunn.	do.	7.67
408	do.	J. M. Stokrod.	do.	23.04
409	do.	T. N. Bruwash.	do.	7.59
410	do.	R. W. Graham.	do.	10.00
411	do.	R. Maggard.	do.	6.07
412	do.	R. T. Lumsden.	do.	4.67
413	do.	T. F. Jordan.	do.	40.60
414	do.	F. W. Taylor.	do.	4.70
415	do.	S. Herriot.	do.	3.19
416	do.	J. W. Collins.	do.	10.80
417	do.	H. Wascher.	do.	25.49
418	do.	W. Gerdes.	do.	9.12
419	do.	Lou Creiger.	do.	11.25
420	do.	C. Ross.	do.	10.92
421	do.	A. F. Dyson.	do.	8.40
422	do.	Geo. Schuff.	do.	22.14
423	do.	H. C. Kaufman.	do.	9.61
424	do.	Len Rayburn.	do.	19.32
425	do.	G. Reelstack.	do.	7.56
426	do.	B. Grove.	do.	7.70
427	do.	E. P. Grove.	do.	10.58
428	do.	L. P. Rayburn.	do.	23.40
429	do.	B. J. Jordan.	do.	22.84
430	do.	C. J. Gillespie.	do.	9.82
431	do.	J. F. Hoy.	Expenses.	9.04
432	July 22.	J. M. Bell.	do.	94.60
433	do.	O. A. Harker.	do.	11.38
434	do.	Mand Parsons.	do.	11.38
435	do.	Illinois State Penitentiary.	Balance on furniture.	1.50
436	do.	F. A. Pearson.	Expenses.	58.72
437	do.	W. W. Yapp.	do.	27.10
438	do.	H. A. Hollister.	do.	14.29
439	do.	C. A. Barnhart.	do.	20.82
440	do.	Gertrude E. Moulton.	do.	7.02
441	do.	M. L. Lest.	do.	10.72
442	do.	C. E. Linbarger.	Books.	11.69
443	do.	J. Terquem & Cie.	Expenses.	37.28
444	do.	F. W. Gault.	Labor.	64.23
445	do.	W. A. Beasley.	Expenses.	49.69
446	July 23.	C. M. Young.	Expenses.	33.99
447	do.	Acme Harvesting Machine Co.	Binder.	7.00
448	do.	Centralia Gas & Electric Co.	Coal tar.	9.00
449	do.	Read & White.	Paper.	24.84
450	do.	H. McFadden & Bros.	Allowance.	20.00
451	do.	The Alumni Quarterly.	Rental.	3.00
452	do.	Underwood Typewriter Co.	Drawing paper.	240.95
453	do.	Kentel & Esser Co.	Volumer.	10.00
454	do.	General Electric Co.	Wages, June, 1912.	5.30
455	do.	E. S. Lake.		5

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1912.				
456	July 23	The White Enamel Refrigerating Co.	Furniture.	\$ 7 00
457	..do.	W. W. Walls & Co.	Lumber.	44 20
458	..do.	Johnson Brothers.	Pipe, etc.	77 07
459	..do.	American Shorthorn Breeders Assn.	Fees.	17 50
460	..do.	E. T. Benjamin.	Horse shoeing.	2 50
461	..do.	Campbell & Spalding.	..do.	8 00
462	..do.	H. F. Chester.	..do.	21 00
463	..do.	Frison Carriage Shop.	Repairing.	60 95
464	..do.	J. Edward Quinn & Co.	Ribbons.	3 16
465	..do.	The Dixon News Co.	Map.	5 00
466	..do.	Creamery Package Mfg. Co.	Supplies.	71 55
467	..do.	Champaign Steam Laundry.	Washing.	45 00
468	..do.	Twin City Printing Co.	Rubber stamps, etc.	4 45
469	..do.	B. A. Strauch.	Slides.	9 80
470	..do.	R. A. Stipes.	Sand.	2 25
471	..do.	Western Roofing & Supply Co.	Paint.	13 50
472	..do.	Davey Tree Expert Co.	Tree surgery.	41 23
473	..do.	Schermerhorn Bros. Co.	Mops.	36 00
474	..do.	Patek Bros.	Varnish.	13 60
475	..do.	Corbin Cabinet Lock Co. of Chicago.	Keys.	6 00
476	..do.	Albert Wuestman.	Stop watch.	6 50
477	..do.	American Platinum Works.	Platinum wire.	183 45
478	..do.	E. H. Sargent & Co.	Laboratory supplies.	146 05
479	..do.	General Chemical Co.	..do.	149 43
480	..do.	National Biscuit Co.	Graham crackers.	1 78
481	..do.	The Denver Fire Clay Co.	Laboratory apparatus.	46 60
482	..do.	Hoffman & Kropf Chemical Co.	Laboratory supplies.	11 00
483	..do.	International Harvester Co.	Twine.	75 00
484	..do.	Henry Kane.	Livery.	3 00
485	..do.	The Halls Safe Co.	Vault front.	60 41
486	..do.	Sauveur & Boylston.	Laboratory apparatus.	7 35
487	..do.	The American Architect.	Advertising.	29 40
488	..do.	J. G. Biddle.	Apparatus.	77 49
489	..do.	Fuller & Fuller Co.	Mercury.	48 75
490	..do.	Plume & Atwood Mfg. Co.	Brass tube.	29 90
491	..do.	Ludlow Valve Mfg. Co.	Valve.	40 14
492	..do.	Swartz Electric Shop.	Lamps.	1 50
493	..do.	The Standard Chemical Co.	Paste.	1 00
494	..do.	Manhattan Electrical Supply Co.	Electrical supplies.	9 54
495	..do.	Crane Co.	Pipe.	64 94
496	..do.	Walker Vehicle Co.	Battery.	355 00
497	..do.	Illinois Electrical Mfg. Co.	Labor and materials.	79 95
498	..do.	Carbondale Printing Co.	Printing.	10 00
499	..do.	The Willis Music Co.	Books.	2 65
500	..do.	Ernst Hertzberg & Son's.	Book binding.	90 26
501	..do.	American School of Home Economics.	Books.	3 00
502	..do.	Chivers Book Binding Co.	..do.	10 70
503	..do.	Sturtevant Mill Co.	Laboratory apparatus.	274 50
504	..do.	C. M. McConn.	Expenses.	14 19
505	..do.	Western Valve Co.	Valves and discs.	10 19
506	..do.	Green Engineering Co.	Links and sprockets.	9 39
507	..do.	Mills Electric Co.	Switch.	14 57
508	..do.	Jewell Belting Co.	Packings.	5 99
509	..do.	American Museum of Natural History.	Slides.	4 50
510	..do.	Sholl Brothers.	Cistern covers.	2 00
511	..do.	John Armstrong Lime & Quarry Co.	Limestone.	42 20
512	..do.	S. A. Connor & Sons.	Concrete work.	84 39
513	..do.	J. R. Somerville.	Field expenses.	125 00
514	..do.	Whitcomb & Barrows.	Charts.	2 12
515	..do.	Pittsburgh Meter Co.	Discs.	19 40
516	..do.	Luitweiler Pumping Engine Co.	Pistons.	75 00
517	..do.	Sengbusch Selfclosing Inkstand Co.	Inkstands.	8 00
518	..do.	Flanigan-Pearson Co.	Printing.	36 84
519	..do.	J. H. Doyle.	Hardware.	17 05
520	..do.	Derrough & Co.	..do.	39 70
521	..do.	Champaign Seed Co.	Seeds, etc.	27 20
522	..do.	A. C. McClurg & Co.	Boots.	71 90
523	..do.	Chas. A. Hall Hardware Co.	Hardware.	7 40
524	..do.	Tablet & Ticket Co.	Labels.	32 39
525	..do.	Central Electric Co.	Fans.	47 70
526	..do.	Southern Illinois Penitentiary.	Fertilizer.	18 00
527	..do.	J. C. Thomas.	Hardware, etc.	14 77
528	..do.	Lewis Electric Supply Co.	Labor and materials.	68 80
529	..do.	S. E. Huff & Co.	Lumber.	58 40
530	..do.	The Burr Co.	Foundry work.	156 39
531	..do.	Reliable Plumbing & Heating Co.	Labor and materials.	121 41
532	..do.	Knowlton & Bennett.	Drugs, etc.	9 75
533	..do.	Illinois State Reformatory.	Printing.	94 20
534	..do.	Bacon Brothers.	Paints, oils, etc.	53 57

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
535	July 23	Whitall Tatum Co.....	Beakers and flasks.....	\$ 10 94
536	..do..	Stipes & Hecker.....	Sand and cement.....	27 98
537	..do..	Western Electric Co.....	Electric supplies.....	25 27
538	..do..	Twin City Ice & Cold Storage Co.....	Ice and storage.....	72 10
539	..do..	Saffell Co.....	Hardware, etc.....	11 83
540	..do..	Twin City Roofing & Sheet Metal Works	Zinc, pipe, etc.....	9 05
541	..do..	J. W. Butler Paper Co.....	Paper.....	87 53
542	..do..	D. H. Lloyd.....	Office supplies.....	22 29
543	..do..	Leavitt Mfg. Co.....	Apparatus, etc.....	11 70
544	..do..	W. J. Boehm.....	Laboratory apparatus.....	38 25
545	..do..	Twin City Ice & Cold Storage Co.....	Ice.....	6 00
546	..do..	Flat Iron Store Co.....	Dry goods, etc.....	48 73
547	..do..	H. Sydow.....	Specimens.....	22 42
548	..do..	F. C. Lincoln.....	Expenses.....	37 16
549	..do..	J. M. Webb.....	..do.....	35 53
550	..do..	J. E. McDonald.....	..do.....	73 70
551	..do..	H. E. Lauer.....	..do.....	52 32
552	..do..	H. L. Stafford.....	..do.....	76 23
553	..do..	M. L. Nebel.....	..do.....	79 75
554	..do..	C. W. Smith.....	..do.....	78 55
555	..do..	C. M. Young.....	..do.....	13 70
556	..do..	O. S. Fisher.....	..do.....	175 17
557	..do..	C. A. Campbell.....	..do.....	34 72
558	..do..	H. C. Gilkerson.....	..do.....	38 11
559	..do..	H. W. Stewart.....	..do.....	62 57
560	..do..	Fred Mooney.....	..do.....	7 17
561	..do..	J. J. Yoke.....	..do.....	3 67
562	July 24	E. E. White.....	Ditching.....	8 50
563	..do..	P. D. Long.....	Field expenses.....	52 00
564	..do..	F. C. Bauer.....	Expenses.....	14 35
565	..do..	A. L. Moats.....	Field expenses.....	21 60
566	..do..	A. F. Gustafson.....	Expenses.....	47 97
567	..do..	E. G. Leming.....	Supplies.....	7 14
568	..do..	Automatic Electric Co.....	Phones and supplies.....	40 07
569	July 25	Silas Echols.....	Expenses.....	6 78
570	..do..	F. L. Hale.....	Field expenses.....	18 44
571	..do..	The University Club of Urbana & Cham-		
		paign.....	Entertaining, etc.....	30 35
572	..do..	W. W. Lindley, Postmaster.....	Postage.....	261 00
573	July 26	C. W. Draper.....	Telescope.....	1,500 00
574	..do..	Decatur Bridge Co.....	Structural steel.....	825 00
575	July 27	O. E. Staples, Chief Clerk.....	Express.....	55 88
576	..do..	O. E. Staples, Chief Clerk.....	..do.....	80 63
577	..do..	O. E. Staples, Chief Clerk.....	Freight.....	100 19
578	..do..	O. E. Staples, Chief Clerk.....	Students' payroll.....	504 86
579	..do..	O. E. Staples, Chief Clerk.....	Sundry bills.....	206 64
580	..do..	W. H. Welker.....	Expenses.....	62 15
581	..do..	H. C. Augustus.....	Rental.....	100 00
582	..do..	J. J. Brenner.....	Oats.....	107 49
583	..do..	Zoe Northrup.....	Expenses.....	19 25
584	..do..	C. A. Rowe.....	..do.....	13 79
585	..do..	C. H. Spurgeon.....	Laboratory supplies.....	15 00
586	..do..	F. A. Hawley.....	Pipe trench.....	112 00
587	..do..	Martinus Nijhoff.....	Books.....	6 47
588	..do..	Simmel & Co.....	..do.....	7 54
589	..do..	Max Weg.....	..do.....	143 18
590	..do..	Dulan & Co., Ltd.....	..do.....	2 74
591	..do..	Ludwig Rosenthal.....	..do.....	22 20
592	..do..	H. G. Paul.....	Lectures.....	75 00
593	..do..	Irving King.....	Lectures.....	100 00
594	..do..	H. S. Curtis.....	..do.....	75 00
595	..do..	J. W. Durbin.....	Field expenses.....	120 90
596	..do..	W. A. Beasley.....	Mason work.....	62 03
597	July 29	W. E. Seatree.....	Professional services.....	159 77
598	..do..	J. A. Cooper.....	..do.....	135 00
599	..do..	Monmouth Creamery Co.....	Butter.....	5 04
600	..do..	Spring Valley Creamery Co.....	..do.....	4 90
601	..do..	W. F. Conway.....	Butter.....	7 50
602	..do..	L. R. Weckerly.....	..do.....	5 25
603	..do..	Forest Creamery Co.....	..do.....	14 02
604	..do..	O. W. Albright.....	..do.....	6 22
605	..do..	F. J. Weddige.....	..do.....	6 75
606	..do..	Wm. Engelbrecht.....	..do.....	5 04
607	..do..	W. R. Olinger.....	..do.....	2 05
608	..do..	C. E. Mortensen.....	..do.....	7 05
609	..do..	B. L. Holbrook.....	..do.....	7 05
610	..do..	W. R. Meier.....	..do.....	4 90
611	..do..	M. J. Lubner.....	..do.....	6 25
612	..do..	R. J. Spohn.....	..do.....	8 25

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
613	July 29	S. Grimm	Butter	\$ 4 65
614	.do.	G. H. Bost	.do.	5 04
615	.do.	H. E. Siegman	.do.	14 95
616	.do.	Reno Equity Exchange	.do.	4 56
617	.do.	J. R. Newberry	.do.	7 40
618	.do.	G. L. Newberry	.do.	5 28
619	.do.	G. J. Deardorf	.do.	5 25
620	.do.	F. Grimm	.do.	4 77
621	.do.	Dewitt Smith	.do.	5 04
622	.do.	Forest Glenn Creamery Co.	.do.	4 65
623	.do.	M. E. Simonson	.do.	7 68
624	.do.	Chas. Fildes	.do.	2 15
625	.do.	Skinner & Kennedy Stationery Co.	Stationery	15 40
626	.do.	The Audit Co. of Illinois	Auditing accounts	191 34
627	.do.	The Eagle White Lead Co.	White Lead	207 85
628	.do.	W. B. Gernert	Meter	2 50
629	.do.	Root Dairy Supply Co.	Cooler	33 75
630	.do.	Des Moines Tent & Awning Co.	Stack-cover	20 24
631	.do.	Otis Crane	Services and expenses	15 00
632	.do.	F. A. Hawley	Concrete work	627 96
633	.do.	Bailey Orchard Co.	Beans	3 00
634	.do.	General Electric Co.	Electric apparatus	542 49
635	.do.	Prairie State Phosphate Co.	Bags	34 33
636	.do.	Galesburg Buggy Co.	Farm machinery	126 18
637	.do.	Schernekau Bros.	Field expenses	43 20
638	.do.	J. E. Readhimer	Expenses	158 96
639	.do.	J. S. Coffey	.do.	46 89
640	.do.	W. F. Handschin	.do.	32 64
641	July 30	J. W. Butler Paper Co.	Paper	149 14
642	.do.	Stipes & Hecker	Cement	23 75
643	.do.	R. A. Stipes	Gravel, etc.	61 00
644	.do.	Erker Bros. Optical Co.	Slides	6 00
645	.do.	The W. W. Barnard Co.	Hover	4 25
646	.do.	John W. Stipes	Tile and asphaltum	14 75
647	.do.	J. H. Rice Co.	Glass	103 05
648	.do.	Woldenberg & Schaar	Laboratory supplies	339 68
649	.do.	J. T. Baker Chemical Co.	.do.	9 45
650	.do.	John Hefferman & Son	Jars	16 00
651	.do.	E. H. Sargent & Co.	Laboratory supplies	1,266 83
652	.do.	E. O. Dillavou	Binder	115 00
653	.do.	Brazil Hollow Brick & Tile Co.	Conduits	90 25
654	.do.	E. C. Schmidt	Expenses	11 25
655	.do.	Chas. H. Besly & Co.	Sheet brass	7 70
656	.do.	Electric Appliance Co.	Wire Cable	48 05
657	.do.	Hoskins Mfg. Co.	Electrodes, etc.	8 45
658	.do.	American-LaFrance Fire Engine Co.	Hose and reel	64 75
659	.do.	Ruebush-Elkins Co.	Books	9 75
660	.do.	The Wesco Supply Co.	Insulators	52 80
661	.do.	Dahlstrom Metallic Door Co.	Metallic door	61 00
662	.do.	T. H. Flood & Co.	Books	90 35
663	.do.	T. L. Cole	.do.	20 92
664	.do.	West Publishing Co.	Subscriptions	67 50
665	.do.	Callaghan & Co.	Books	15 75
668	.do.	J. Terquem & Co.	.do.	18 37
667	.do.	G. B. Carpenter & Co.	Chain	5 29
668	.do.	American Museum of Natural History	Slides	6 00
669	.do.	Bacon Brothers	Glass, etc.	18 82
670	.do.	Central Electric Co.	Fans	36 90
671	.do.	Campbell & Spalding	Horseshoeing	72 00
672	.do.	G. E. Stechert & Co.	Books	100 47
673	July 31	The Angler's Bait & Mfg. Co.	Frogs	3 75
674	.do.	H. F. T. Fahrnkopf	Expenses	23 82
675	.do.	A. F. Gustafson	.do.	79 65
676	.do.	J. B. Bennett	Drain and "L"	14 30
677	.do.	G. L. Peltier	Expenses	4 12
678	.do.	H. E. McNatt	.do.	4 10
679	.do.	Bacon Brothers	Paint, etc.	4 25
680	.do.	Baker & Co., Inc.	Wire	64 63
681	.do.	The Braun Corporation	Apparatus	123 75
682	.do.	J. T. Baker Chemical Co.	Laboratory supplies	105 58
683	.do.	F. A. Pearson	Expenses	43 76
684	.do.	Edward Martindale	Field expenses	1 30
685	.do.	Alberene Stone Co.	Tank	30 00
686	.do.	Chicago Engineer Supply Co.	Packing	81 85
687	.do.	O. S. Watkins	Expenses	30 94
688	.do.	W. A. Ruth	.do.	23 20
689	.do.	A. J. Gunderson	.do.	22 35
690	.do.	L. N. Wilson	Book	1 00
691	.do.	A. L. A. Publishing Board	Books	3 60

## GENERAL UNIVERSITY WARRANTS—Continued

No.	Date.	To whom.	For whom	Amount.
	1912.			
692	July 31	L. Hammerer.....	Ewe.....	\$ 25 00
693	..do..	Flanigan-Pearson Co.....	Printing.....	143 00
694	..do..	The Chicago Live Stock World.....	Subscription.....	1 00
695	..do..	The Crown press.....	Halitones.....	18 45
696	..do..	Geo. Kubacki.....	Spreader.....	38 00
697	..do..	Emerson-Brantingham Co.....	Freight.....	1 14
698	..do..	Peter Franke.....	Paint.....	10 50
699	..do..	W. F. Langelier.....	Expenses.....	33 62
700	..do..	J. B. Clow & Sons.....	Pipe and lead.....	444 73
701	..do..	D. A. Abrams.....	Salary, July, 1912.....	133 33
702	..do..	C. C. Adams.....	..do..	125 00
703	..do..	R. M. Alden.....	..do..	333 33
704	..do..	C. W. Alvord.....	..do..	145 83
705	..do..	L. F. Anderson.....	..do..	208 33
706	..do..	S. O. Andros.....	..do..	125 00
707	..do..	G. F. Arps.....	..do..	166 66
708	..do..	W. C. Bagley.....	..do..	291 66
709	..do..	I. O. Baker.....	..do..	333 33
710	..do..	E. C. Baldwin.....	..do..	150 00
711	..do..	C. W. Balke.....	..do..	166 66
712	..do..	J. T. Barrett.....	..do..	58 33
713	..do..	H. J. Barton.....	..do..	250 00
714	..do..	Edward Bartow.....	..do..	291 66
715	..do..	W. T. Bawden.....	..do..	208 33
716	..do..	W. S. Bayley.....	..do..	187 50
717	..do..	F. C. Becht.....	..do..	166 66
718	..do..	J. B. Beck.....	..do..	166 66
719	..do..	B. W. Benedict.....	..do..	291 66
720	..do..	E. J. Berg.....	..do..	333 33
721	..do..	A. V. Bleininger.....	..do..	333 33
722	..do..	B. H. Bode.....	..do..	250 00
723	..do..	E. L. Bogart.....	..do..	229 16
724	..do..	R. L. Borger.....	..do..	125 00
725	..do..	Morgan Brooks.....	..do..	250 00
726	..do..	N. C. Brooks.....	..do..	200 00
727	..do..	J. M. Bryant.....	..do..	183 33
728	..do..	A. M. Buck.....	..do..	150 00
729	..do..	S. J. Buck.....	..do..	116 66
730	..do..	L. L. Burgess.....	..do..	100 00
731	..do..	T. J. Burrill.....	..do..	408 33
732	..do..	H. V. Canter.....	..do..	166 66
733	..do..	A. P. Carman.....	..do..	333 33
734	..do..	D. H. Carnahan.....	..do..	208 33
735	..do..	F. W. Carpenter.....	..do..	166 66
736	..do..	C. R. Clark.....	..do..	150 00
737	..do..	T. A. Clark.....	..do..	416 66
738	..do..	S. S. Colvin.....	..do..	112 50
739	..do..	H. P. Corson.....	..do..	70 00
740	..do..	A. R. Crathorne.....	..do..	141 66
741	..do..	Florence R. Curtis.....	..do..	100 00
742	..do..	R. S. Curtiss.....	..do..	208 33
743	..do..	A. H. Daniels.....	..do..	250 00
744	..do..	W. B. Day.....	..do..	100 00
745	..do..	E. H. Decker.....	..do..	225 00
746	..do..	C. G. Derick.....	..do..	125 00
747	..do..	E. R. Dewsnup.....	..do..	250 00
748	..do..	W. F. Dodd.....	..do..	166 66
749	..do..	D. K. Dodge.....	..do..	250 00
750	..do..	F. K. W. Drury.....	..do..	166 66
751	..do..	F. O. Dufour.....	..do..	166 66
752	..do..	J. C. Duncan.....	..do..	216 66
753	..do..	Arnold Emch.....	..do..	166 66
754	..do..	M. L. Enger.....	..do..	166 66
755	..do..	J. A. Fairlee.....	..do..	250 00
756	..do..	J. D. Fitz Gerald II.....	..do..	208 33
757	..do..	V. R. Fleming.....	..do..	125 00
758	..do..	G. T. Flom.....	..do..	208 33
759	..do..	J. W. Folsom.....	..do..	166 66
760	..do..	F. S. Foote.....	..do..	150 00
761	..do..	S. A. Forbes.....	..do..	41 66
762	..do..	G. S. Ford.....	..do..	250 00
763	..do..	J. A. Frisk.....	..do..	91 66
764	..do..	Edward Fulton.....	..do..	175 00
765	..do..	J. W. Garner.....	..do..	125 00
766	..do..	Nellie C. Geddes.....	..do..	75 00
767	..do..	Julius Goebel.....	..do..	270 83
768	..do..	G. A. Goodenough.....	..do..	250 00
769	..do..	W. F. M. Goss.....	..do..	500 00
770	..do..	P. S. Goulding.....	..do..	133 33

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
771	July 31	E. B. Greene.....	Salary, July, 1912.....	\$ 187 50
772	do.	Frederick Green.....	do.	291 66
773	do.	T. H. Guild.....	do.	125 00
774	do.	G. C. Habermeyer.....	do.	141 66
775	do.	E. M. Halliday.....	do.	158 33
776	do.	Paul Hanson.....	do.	229 16
777	do.	O. A. Harker.....	do.	333 33
778	do.	P. B. Hawk.....	do.	208 33
779	do.	E. C. Hayes.....	do.	233 33
780	do.	R. L. Henry.....	do.	208 33
781	do.	Ralph Hilscher.....	do.	83 33
782	do.	M. E. Hinds.....	do.	40 00
783	do.	Jacob Hodnefield.....	do.	100 00
784	do.	H. A. Hollister.....	do.	229 16
785	do.	C. F. Hottes.....	do.	208 33
786	do.	G. A. Huff.....	do.	250 00
787	do.	Margaret Hutchins.....	do.	70 00
788	do.	Helen Isham.....	do.	108 33
789	do.	Edmund J. James.....	do.	1,000 00
790	do.	C. E. Janvrin.....	do.	75 00
791	do.	Alice Johnson.....	do.	70 00
792	do.	Grinnell Jones.....	do.	125 00
793	do.	H. S. V. Jones.....	do.	133 33
794	do.	Emma R. Jutton.....	do.	100 00
795	do.	J. B. Kaiser.....	do.	100 00
796	do.	Margaret L. Kingsbury.....	do.	75 00
797	do.	David Kinley.....	do.	500 00
798	do.	C. T. Knipp.....	do.	208 33
799	do.	Jakob Kunz.....	do.	208 33
800	do.	E. J. Lake.....	do.	150 00
801	do.	W. F. Langelier.....	do.	100 00
802	do.	L. M. Larson.....	do.	208 33
803	do.	P. B. Lauher.....	do.	45 00
804	do.	O. E. Lessing.....	do.	216 66
805	do.	O. A. Luetwiler.....	do.	200 00
806	do.	Simon Litman.....	do.	166 66
807	do.	Elizabeth Love.....	do.	55 00
808	do.	E. B. Lytle.....	do.	133 33
809	do.	David McFarland.....	do.	133 33
810	do.	A. D. MacGillivray.....	do.	208 33
811	do.	Frederick M. Mann.....	do.	333 33
812	do.	F. W. Marquis.....	do.	150 00
813	do.	J. M. Mathews.....	do.	133 33
814	do.	G. H. Meyer.....	do.	208 33
815	do.	Irene Miche.....	do.	50 00
816	do.	G. A. Miller.....	do.	250 00
817	do.	H. W. Miller.....	do.	150 00
818	do.	W. S. Miller.....	do.	125 00
819	do.	C. H. Mills.....	do.	208 33
820	do.	H. F. Moore.....	do.	208 33
821	do.	B. C. Morse.....	do.	48 00
822	do.	C. M. Moss.....	do.	250 00
823	do.	Gertrude E. Moulton.....	do.	108 33
824	do.	W. A. Noyes.....	do.	333 33
825	do.	W. A. Oldfather.....	do.	229 16
826	do.	T. E. Oliver.....	do.	208 33
827	do.	E. B. Paine.....	do.	208 33
828	do.	S. W. Parr.....	do.	291 66
829	do.	F. A. Patterson.....	do.	125 00
830	do.	Adah Patton.....	do.	83 33
831	do.	H. G. Paul.....	do.	166 66
832	do.	A. S. Pease.....	do.	208 33
833	do.	J. N. Pomeroy.....	do.	150 00
834	do.	Anna M. Price.....	do.	110 00
835	do.	C. R. Richards.....	do.	333 33
836	do.	N. C. Ricker.....	do.	291 66
837	do.	H. L. Rietz.....	do.	150 00
838	do.	W. S. Robertson.....	do.	166 66
839	do.	M. H. Robinson.....	do.	250 00
840	do.	C. W. Rolfe.....	do.	250 00
841	do.	T. E. Savage.....	do.	166 66
842	do.	Olive F. Saxton.....	do.	83 33
843	do.	E. C. Schmidt.....	do.	291 66
844	do.	W. F. Schultz.....	do.	166 66
845	do.	G. F. Schwartz.....	do.	158 33
846	do.	F. W. Scott.....	do.	183 33
847	do.	A. R. Seymour.....	do.	166 66
848	do.	S. W. Shattuck.....	do.	316 66
849	do.	J. B. Shaw.....	do.	166 66

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
850	July 31, 1912.	S. P. Sherman.....	Salary, July, 1912.....	\$266 66
851	do.....	Frances Simpson.....	do.....	141 66
852	do.....	C. H. Sism.....	do.....	158 33
853	do.....	W. A. Slater.....	do.....	116 66
854	do.....	Adelle C. Smith.....	do.....	55 00
855	do.....	Frank Smith.....	do.....	208 33
856	do.....	G. M. Smith.....	do.....	125 00
857	do.....	J. E. Smith.....	do.....	125 00
858	do.....	J. M. Snodgrass.....	do.....	175 00
859	do.....	Joel Stebbins.....	do.....	208 33
860	do.....	H. H. Stock.....	do.....	100 00
861	do.....	W. G. Strongquist.....	do.....	183 33
862	do.....	R. T. Stull.....	do.....	150 00
863	do.....	A. H. Sutherland.....	do.....	333 33
864	do.....	A. N. Talbot.....	do.....	312 50
865	do.....	E. J. Townsend.....	do.....	208 33
866	do.....	David Varon.....	do.....	110 00
867	do.....	J. N. Vedder.....	do.....	291 66
868	do.....	C. G. Vernier.....	do.....	166 66
869	do.....	E. H. Waldo.....	do.....	333 33
870	do.....	H. B. Ward.....	do.....	125 00
871	do.....	A. R. Warnock.....	do.....	166 66
872	do.....	E. W. Washburn.....	do.....	125 00
873	do.....	F. R. Watson.....	do.....	166 66
874	do.....	N. A. Wells.....	do.....	208 33
875	do.....	N. A. Weston.....	do.....	87 50
876	do.....	J. M. White.....	do.....	229 16
877	do.....	A. S. Wilson.....	do.....	333 33
878	do.....	P. L. Windsor.....	do.....	166 66
879	do.....	L. M. Wornser.....	do.....	250 00
880	do.....	O. M. Wyeth.....	do.....	183 33
881	do.....	T. D. Yensen.....	do.....	75 00
882	do.....	Jacob Zeitlin.....	do.....	100 00
883	do.....	Chas. Zeleny.....	do.....	125 00
884	do.....	Lilla M. Alexander.....	do.....	208 33
885	do.....	Wm. E. Alley.....	do.....	85 00
886	do.....	Winifred L. Amos.....	do.....	60 00
887	do.....	Ethel Ash.....	do.....	85 00
888	do.....	E. Atkinson.....	do.....	65 00
889	do.....	Mary Blackwell.....	do.....	50 00
890	do.....	L. A. Bole.....	do.....	141 66
891	do.....	Ethyl Bradley.....	do.....	50 00
892	do.....	Tabitha J. Broadhurst.....	do.....	108 33
893	do.....	Ira M. Brown.....	do.....	50 00
894	do.....	Sarah E. Bryan.....	do.....	70 00
895	do.....	Flores M. Case.....	do.....	60 00
896	do.....	Illa B. Chandler.....	do.....	38 70
897	do.....	Jennie A. Craig.....	do.....	75 00
898	do.....	C. C. Crawford.....	do.....	70 00
899	do.....	H. E. Cunningham.....	do.....	141 66
900	do.....	C. E. Dalton.....	do.....	45 00
901	do.....	L. C. Demlow.....	do.....	46 83
902	do.....	Edith Emigh.....	do.....	45 00
903	do.....	Francois M. Feind.....	do.....	75 00
904	do.....	Viola C. Fraser.....	do.....	75 00
905	do.....	Antonette Goetz.....	do.....	65 00
906	do.....	Mabel F. Griffith.....	do.....	60 00
907	do.....	Nathaniel Hay.....	do.....	166 66
908	do.....	Myrtle E. Heaver.....	do.....	66 00
909	do.....	Margaret Herdman.....	do.....	65 00
910	do.....	Josie B. Houchens.....	do.....	70 00
911	do.....	A. H. Hull.....	do.....	66 00
912	do.....	J. E. Hutchings.....	do.....	150 00
913	do.....	Gertrude Keoch.....	do.....	25 00
914	do.....	J. H. Kelley.....	do.....	166 66
915	do.....	Aurelia Knapp.....	do.....	55 00
916	do.....	A. R. Lee.....	do.....	91 66
917	do.....	M. T. Lindsey.....	do.....	25 00
918	do.....	Stella Lund.....	do.....	55 00
919	do.....	Dessie B. McAllister.....	do.....	40 00
920	do.....	C. M. McGonn.....	do.....	233 33
921	do.....	Agnes McGurtu.....	do.....	70 00
922	do.....	L. Mae Manspeaker.....	do.....	83 33
923	do.....	Maudie E. Manley.....	do.....	50 00
924	do.....	Rudolf Messek.....	do.....	65 00
925	do.....	C. F. Miller.....	do.....	75 00
926	do.....	Lloyd Morey.....	do.....	85 00
927	do.....	J. A. Morrow.....	do.....	166 66
928	do.....	F. W. Fost.....	do.....	75 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
929	July 31	Harriet L. Postelwait.....	Salary, July, 1912.....	\$ 50 00
930	do.	Mary H. Roberts.....	do.	70 00
931	do.	Nellie M. Robertson.....	do.	55 00
932	do.	Rose E. Ryan.....	do.	50 00
933	do.	Mary Scanlan.....	do.	50 00
934	do.	Anna L. Shepard.....	do.	80 00
935	do.	T. J. Showers.....	do.	125 00
936	do.	Sara M. Slater.....	do.	50 00
937	do.	Bertram Smith.....	do.	70 00
938	do.	Jessie A. Smith.....	do.	100 00
939	do.	Mayme L. Smith.....	do.	65 00
940	do.	O. E. Staples.....	do.	150 00
941	do.	Alfred Steitz.....	do.	75 00
942	do.	E. T. Strong.....	do.	95 00
943	do.	Elizabeth A. Swift.....	do.	125 00
944	do.	M. E. Thompson.....	do.	85 00
945	do.	Mary Torrance.....	do.	55 00
946	do.	G. P. Tuttle.....	do.	83 33
947	do.	Josephine A. Tyrrell.....	do.	45 00
948	do.	L. J. Towne.....	do.	150 00
949	do.	Hazel B. Van Skiver.....	do.	65 00
950	do.	Lida E. Voigt.....	do.	83 33
951	do.	S. D. Watkins.....	do.	60 00
952	do.	B. L. Winchester.....	do.	25 20
953	do.	H. T. Wyninger.....	do.	52 50
954	do.	Jennie B. McMullen.....	do.	40 00
955	do.	J. J. Johnson.....	do.	45 00
956	do.	Marie Jester.....	do.	40 00
957	do.	Eliza Hart.....	do.	30 00
958	do.	Carmen F. Harnack.....	do.	50 00
959	do.	Nora Kerwan.....	do.	35 00
960	do.	Grace Maxwell.....	do.	75 00
961	do.	Gertrude Johnson.....	do.	55 00
962	do.	C. C. Logan.....	do.	150 00
963	do.	F. H. Rankin.....	do.	250 00
964	do.	J. J. Yoke.....	do.	41 66
965	do.	W. H. Smith.....	do.	100 00
966	do.	H. H. Mitchell.....	do.	125 00
967	do.	W. F. Handschin.....	do.	150 00
968	do.	J. L. Edmond.....	do.	166 66
969	do.	D. O. Barto.....	do.	166 66
970	do.	H. P. Rusk.....	do.	175 00
971	do.	A. W. Nolan.....	do.	200 00
972	do.	F. M. Simpson.....	do.	100 00
973	do.	W. J. Fraser.....	do.	250 00
974	do.	B. R. Richards.....	do.	208 33
975	do.	R. E. Brand.....	do.	150 00
976	do.	N. W. Hepburn.....	do.	175 00
977	do.	O. A. Keller.....	do.	83 33
978	do.	W. T. Crandall.....	do.	125 00
979	do.	H. E. McNatt.....	do.	125 00
980	do.	R. S. Hulce.....	do.	83 33
981	do.	J. P. Terry.....	do.	75 00
982	do.	E. W. Bailey.....	do.	150 00
983	do.	J. C. Blair.....	do.	416 66
984	do.	J. W. Lloyd.....	do.	266 66
985	do.	C. S. Crandall.....	do.	291 66
986	do.	H. B. Dörner.....	do.	200 00
987	do.	C. E. Durst.....	do.	125 00
988	do.	A. H. Nehrling.....	do.	125 00
989	do.	Louis Brandt.....	do.	100 00
990	do.	Harriet Rinaker.....	do.	125 00
991	do.	Charlotte Gibbs.....	do.	125 00
992	do.	Nellie E. Goldthwaite.....	do.	150 00
993	do.	Isabel Bevier.....	do.	208 33
994	do.	E. Davenport.....	do.	500 00
995	do.	D. McIntosh.....	do.	208 33
996	do.	W. L. Burlison.....	do.	100 00
997	do.	C. G. Hopkins.....	do.	416 66
998	do.	J. G. Mosier.....	do.	266 66
999	do.	L. H. Smith.....	do.	250 00
1000	do.	J. H. Pettit.....	do.	250 00
1001	do.	Leonard Hegnauer.....	do.	250 00
1002	do.	A. F. Gustafson.....	do.	150 00
1003	do.	O. S. Fisher.....	do.	125 00
1004	do.	E. M. McDonald.....	do.	100 00
1005	do.	C. O. Reed.....	do.	50 00
1006	do.	H. W. Stewart.....	do.	125 00
1007	do.	F. C. Bauer.....	do.	100 00



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1008	July 31, 1912.	H. W. Munford.	Salary, July, 1912.	\$416 66
1009	do.	H. S. Grindley.	do.	141 66
1010	do.	W. C. Coffey.	do.	225 00
1011	do.	L. D. Hall.	do.	225 00
1012	do.	Wm. Dietrich.	do.	200 00
1013	do.	Arthur Landrick.	do.	125 00
1014	do.	W. B. Gernert.	do.	100 00
1015	do.	"B. Park.	do.	125 00
1016	do.	W. L. Gaines.	do.	150 00
1017	do.	Helena M. Pincomb.	do.	133 33
1018	do.	A. J. Gunderson.	do.	60 00
1019	do.	W. A. Ruth.	do.	100 00
1020	do.	O. S. Watkins.	do.	150 00
1021	do.	L. E. Foglesong.	do.	83 33
1022	do.	J. E. Whitchurch.	do.	125 00
1023	do.	W. H. Sachs.	do.	100 00
1024	do.	F. A. Fisher.	do.	70 00
1025	do.	Gertrude Niederman.	do.	83 33
1026	do.	J. P. Anner.	do.	125 00
1027	do.	E. Van Alstine.	do.	150 00
1028	do.	F. E. Karaker.	do.	70 00
1029	do.	H. C. Wheeler.	do.	125 00
1030	do.	S. V. Holt.	do.	125 00
1031	do.	F. M. W. Wascher.	do.	70 00
1032	do.	E. E. Hoskins.	do.	125 00
1033	do.	F. W. Garrett.	do.	70 00
1034	do.	W. B. Leighty.	do.	100 00
1035	do.	J. T. Flohll.	do.	70 00
1036	do.	J. E. Readlimer.	do.	200 00
1037	do.	B. E. Powell.	do.	191 66
1038	do.	Leonora Ferry.	do.	75 00
1039	do.	Bessie Packard.	do.	75 00
1040	do.	Grace Linder.	do.	70 00
1041	do.	A. O. Magnuson.	Wages, July, 1912.	80 00
1042	do.	C. R. Sinclair.	do.	14 00
1043	do.	Thomas Peel.	do.	50 00
1044	do.	Della Rogers.	do.	25 00
1045	do.	Mildred Hoskins.	do.	9 30
1046	do.	Calvin White.	do.	26 20
1047	do.	Mary C. Barry.	do.	36 40
1048	do.	Pearl W. Ashton.	do.	34 40
1049	do.	W. E. Britton.	do.	23 80
1050	do.	Laura Fisher.	do.	7 00
1051	do.	F. C. Hare.	do.	37 40
1052	do.	A. L. Pickett.	do.	43 20
1053	do.	Nellie Roberts.	do.	21 20
1054	do.	F. S. Strohecker.	do.	18 80
1055	do.	Marie Hubbard.	do.	24 80
1056	do.	G. F. Sutherland.	do.	17 40
1057	do.	Chester Crain.	do.	37 00
1058	do.	D. L. Geyer.	do.	6 00
1059	do.	C. E. Myers.	do.	11 70
1060	do.	N. D. Talbot.	do.	42 40
1061	do.	S. Adelaide Fleming.	do.	9 20
1062	do.	Chas. Chapman.	do.	45 00
1063	do.	Wm. Hough.	do.	83 33
1064	do.	Evalena Bowen.	do.	65 00
1065	do.	Lawrence Engle.	do.	50 40
1066	do.	Fred Fieg.	do.	38 55
1067	do.	Wm. Kelley.	do.	47 30
1068	do.	John McNitt.	do.	45 40
1069	do.	T. E. Madison.	do.	47 20
1070	do.	Ralph Morray.	do.	45 00
1071	do.	Harrison Noecker.	do.	38 00
1072	do.	Ed Myers.	do.	43 00
1073	do.	E. C. Terhune.	do.	43 75
1074	do.	Chas. Rodgers.	do.	55 00
1075	do.	J. E. Rhomas.	do.	45 00
1076	do.	C. G. Cox.	do.	65 00
1077	do.	Fred Mooney.	do.	70 00
1078	do.	Geo. Nogle.	do.	47 30
1079	do.	M. D. Rose.	do.	52 30
1080	do.	A. J. Stoneburner.	do.	50 00
1081	do.	L. Uferback.	do.	50 00
1082	do.	H. H. Wheeler.	do.	50 00
1083	do.	Ruth Burt.	do.	50 00
1084	do.	Robert Cook.	do.	45 00
1085	do.	T. P. Crawford.	do.	47 30
1086	do.	Milo J. Conley.	do.	76 00

GENERAL UNIVERSITY WARRANTS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
1087	1912.			
1087	July 31	Lesse Cook	Wages, July, 1912.	\$ 46 00
1088	do	Harold Day	do	47 50
1089	do	E. H. Dobbin	do	45 00
1090	do	W. J. Engle	do	60 00
1091	do	H. Poor	do	50 00
1092	do	Margaret C. Foss	do	17 50
1093	do	Mabel Halliday	do	9 51
1094	do	Ralph Hills	do	50 00
1095	do	Elmer Jenkins	do	55 00
1096	do	Winifred McIntosh	do	10 00
1097	do	Earl Meenach	do	55 00
1098	do	C. B. Sayre	do	35 00
1099	do	Frank Barrett	do	40 00
1100	do	J. V. Stevenson	do	40 00
1101	do	R. R. Snapp	do	22 05
1102	do	Edgar Herrin	do	21 30
1103	do	Elmer Roberts	do	60 00
1104	do	Andrew Tomquist	do	75 00
1105	do	Olive G. Reid	do	50 00
1106	do	Chas. Reiser	do	50 00
1107	do	K. A. McCasill	do	22 40
1108	do	R. Augustus	do	28 40
1109	do	Vera Beyer	do	22 40
1110	do	A. Rauf	do	55 00
1111	do	G. R. Brooks	do	25 03
1112	do	Florence Stotzenberg	do	50 00
1113	do	Louis Eschenzner	do	50 00
1114	do	W. L. Harry	do	83 33
1115	do	H. A. Ruehl	do	83 33
1116	do	Augusta D. Evans	do	101 52
1117	do	R. C. Glover	do	70 00
1118	do	A. L. Whiting	do	60 00
1119	do	H. N. Parker	do	34 62
1120	do	W. C. Carr	do	150 00
1121	do	Jas. Brown	do	45 00
1122	do	G. B. Brown	do	50 00
1123	do	Roy Argo	do	75 00
1124	do	Leroy M. Barto	do	50 00
1125	do	Asa Denman	do	29 00
1126	do	H. H. Bartels	do	69 00
1127	do	Verna Menley	do	53 40
1128	do	F. A. Kirkpatrick	do	31 25
1129	do	V. H. Cartwright	do	39 17
1130	do	R. T. Stull	do	28 10
1131	do	R. K. Hursh	do	100 00
1132	do	H. P. Otman	do	42 90
1133	do	W. H. Solards	do	28 40
1134	do	Paul Davis	do	38 46
1135	do	Orr Allyn	do	65 00
1136	do	W. T. Craig	do	83 33
1137	do	L. A. Hunter	do	83 33
1138	do	W. L. Bennett	do	70 00
1139	do	B. D. Walker	do	60 00
1140	do	H. M. Millzen	do	45 00
1141	do	W. W. Rash	do	41 13
1142	do	Will Patterson	do	40 10
1143	do	Alpha Tomquist	do	45 00
1144	do	E. M. Clark	do	50 00
1145	do	H. E. Crouch	do	47 00
1146	do	F. A. Pearson	do	50 00
1147	do	C. K. Snelling	do	75 00
1148	do	Loretta White	do	100 00
1149	do	Rush Lovelless	do	60 00
1150	do	E. M. Clark	do	50 00
1151	do	W. W. Yapp	do	35 00
1152	do	R. C. Kasler	do	60 00
1153	do	John Balcom	do	50 00
1154	do	Earl Garver	do	50 00
1155	do	A. W. Fischer	do	65 00
1156	do	Cornelius Stocker	do	83 33
1157	do	A. F. Krueger	do	75 00
1158	do	Lillian Smith	do	65 00
1159	do	Etta Perry	do	45 00
1160	do	Ethel Sharp	do	55 00
1161	do	H. B. Kezile	do	35 00
1162	do	O. W. Van Pelt	do	125 00
1163	do	S. A. Rowland	do	27 80
1164	do	B. T. Bowling	do	13 05
1165	do	H. H. Dunn	do	70 00
1165	do		do	80 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1166	July 31, 1912.	Bertha G. States.....	Wages, July, 1912.....	\$ 50 00
1167	do	W. Peters.....	do.....	24 85
1168	do	J. A. Wilson.....	do.....	10 70
1169	do	L. S. Baldwin.....	do.....	13 20
1170	do	F. A. Kopf.....	do.....	23 00
1171	do	J. M. Duncan.....	do.....	6 40
1172	do	G. A. Radenbaugh.....	do.....	77 40
1173	do	D. L. Scroggin.....	do.....	45 90
1174	do	F. G. Wilson.....	do.....	100 00
1175	do	H. G. Hake.....	do.....	100 00
1176	do	W. S. Goodspeed.....	do.....	83 33
1177	do	Burt Hays.....	do.....	63 18
1178	do	T. N. Jones.....	do.....	75 00
1179	do	G. L. Peltier.....	do.....	83 33
1180	do	F. W. Munroe.....	do.....	83 33
1181	do	Jas. Hutchinson.....	do.....	75 00
1182	do	Harry Pritchard.....	do.....	89 99
1183	do	Ralph Pritchard.....	do.....	65 00
1184	do	Hazel Rhoads.....	do.....	55 00
1185	do	G. Donohue.....	do.....	55 00
1186	do	L. Donohue.....	do.....	50 00
1187	do	R. W. Seese.....	do.....	50 00
1188	do	Jas. Boswell.....	do.....	28 50
1189	do	Frank Burton.....	do.....	12 00
1190	do	Lonie Kitzzell.....	do.....	25 50
1191	do	W. R. Hall.....	do.....	40 00
1192	do	Ralph Chapin.....	do.....	45 00
1193	do	Clairde Harpole.....	do.....	40 00
1194	do	Rose Hegenbart.....	do.....	75 00
1195	do	T. F. Wallace.....	do.....	59 89
1196	do	C. L. Ellis.....	do.....	56 75
1197	do	Edward Berbaum.....	do.....	60 75
1198	do	J. C. Anderson.....	do.....	65 00
1199	do	Alice Reed.....	do.....	50 00
1200	do	Flora M. Sims.....	do.....	83 33
1201	do	Marion B. Gallaher.....	do.....	83 33
1202	do	J. T. Newsome.....	do.....	60 00
1203	do	Mary Millar.....	do.....	60 00
1204	do	Freda O. Stricklan.....	do.....	65 00
1205	do	Emma L. Custer.....	do.....	70 00
1206	do	J. R. Kelley.....	do.....	52 50
1207	do	W. A. McIntire.....	do.....	50 00
1208	do	Hugh Kelley.....	do.....	14 18
1209	do	John Woodard.....	do.....	60 00
1210	do	G. E. Wheelock.....	do.....	60 00
1211	do	E. F. Torgeson.....	do.....	42 50
1212	do	Melvin Thomas.....	do.....	65 00
1213	do	V. P. Smith.....	do.....	45 00
1214	do	R. S. Smith.....	do.....	45 00
1215	do	G. E. Gentile.....	do.....	70 00
1216	do	R. W. Dickinson.....	do.....	50 00
1217	do	O. I. Ellis.....	do.....	50 00
1218	do	John Lankford.....	do.....	50 00
1220	do	G. M. Hinkley.....	do.....	50 00
1221	do	H. C. Gilkerson.....	do.....	50 00
1222	do	F. W. Gault.....	do.....	80 00
1223	do	H. F. T. Fahnnkopf.....	do.....	50 00
1224	do	C. C. Chapman.....	do.....	83 33
1225	do	J. L. Coffey.....	do.....	60 00
1226	do	Ralph Engle.....	do.....	71 69
1227	do	G. H. Cole.....	do.....	53 20
1229	do	O. Kercher.....	do.....	22 50
1230	do	Daniel Vanbel.....	do.....	43 00
1231	do	H. C. Case.....	do.....	22 50
1232	do	Harold Mount.....	do.....	117 73
1233	do	J. S. Milnes.....	do.....	10 66
1234	do	Roy Mount.....	do.....	70 00
1235	do	Elizabeth Pulling.....	do.....	50 00
1236	do	E. L. Ensminger.....	do.....	55 00
1237	do	Ray McAdams.....	do.....	60 00
1238	do	J. R. Wells.....	do.....	34 61
1239	do	C. Scholl.....	do.....	60 00
1240	do	A. Baumbartner.....	do.....	74 62
1241	do	C. A. Denman.....	do.....	105 30
1242	do	Lon Donohue.....	do.....	71 62
1243	do	Frank Lester.....	do.....	75 00
1244	do			

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1245	July 31	Geo. Niblick.....	Wages, July, 1912.....	\$ 74 62
1246	.do.	O. P. Smith.....	.do.	61 50
1247	.do.	Mary M. Moss.....	.do.	46 40
1248	.do.	D. J. Vauhel.....	.do.	39 00
1249	.do.	R. S. Potter.....	.do.	40 00
1250	.do.	Theodore Frison.....	.do.	30 25
1251	.do.	Kenneth Brown.....	.do.	45 45
1252	.do.	E. E. Fiero.....	.do.	35 25
1253	.do.	E. P. Dibble.....	.do.	21 80
1254	.do.	F. Adams.....	.do.	1 80
1255	.do.	C. E. Arrington.....	.do.	60 00
1256	.do.	W. M. Atwell.....	.do.	61 60
1257	.do.	J. E. Bailey.....	.do.	60 00
1258	.do.	R. W. Baldwin.....	.do.	56 60
1259	.do.	Wm. Beacher.....	.do.	20 40
1260	.do.	Walter Birdzell.....	.do.	69 92
1261	.do.	Geo. Boyer.....	.do.	69 92
1262	.do.	John Brannagan.....	.do.	69 72
1263	.do.	Basil Brown.....	.do.	60 20
1264	.do.	Harry Brown.....	.do.	60 00
1265	.do.	D. M. Bullock.....	.do.	53 00
1266	.do.	Thos. Butler.....	.do.	53 20
1267	.do.	John Cuduskey.....	.do.	53 20
1268	.do.	Ios. Davis.....	.do.	66 00
1269	.do.	Pete Davis.....	.do.	73 66
1270	.do.	T. J. Fay.....	.do.	90 00
1271	.do.	Fred Fender.....	.do.	68 38
1272	.do.	Louis Fender.....	.do.	58 40
1273	.do.	J. J. Fiscus.....	.do.	52 20
1274	.do.	Guy Fox.....	.do.	76 80
1275	.do.	C. Y. Freeman.....	.do.	55 40
1276	.do.	John Garman.....	.do.	41 60
1277	.do.	W. H. Graybeal.....	.do.	60 00
1278	.do.	Sall Hamlin.....	.do.	52 60
1279	.do.	C. H. Haven.....	.do.	95 20
1280	.do.	T. O. Henderson.....	.do.	98 70
1281	.do.	D. R. Hull.....	.do.	10 00
1282	.do.	Ross Hutton.....	.do.	54 60
1283	.do.	P. S. Jeffers.....	.do.	47 40
1284	.do.	Margaret Jones.....	.do.	41 60
1285	.do.	E. W. Justus.....	.do.	108 00
1286	.do.	J. A. J. Klein.....	.do.	61 80
1287	.do.	A. Langhoff.....	.do.	81 30
1288	.do.	Fred Langhoff.....	.do.	55 00
1289	.do.	Wm. Langhoff.....	.do.	51 20
1290	.do.	Wm. Leach.....	.do.	78 00
1291	.do.	E. C. Lewis.....	.do.	58 00
1292	.do.	A. C. Litton.....	.do.	58 00
1293	.do.	Thos. Long.....	.do.	65 02
1294	.do.	A. J. McAlister.....	.do.	71 07
1295	.do.	Frances E. McClughen.....	.do.	41 60
1296	.do.	Has. McCullough.....	.do.	57 20
1297	.do.	H. H. McMorrey.....	.do.	62 00
1298	.do.	O. E. Meenach.....	.do.	56 60
1299	.do.	Dan Menealey.....	.do.	56 00
1300	.do.	C. M. Miller.....	.do.	56 00
1301	.do.	Uriah Moreland.....	.do.	40 60
1302	.do.	Rebecca Morgan.....	.do.	56 40
1303	.do.	Elizabeth R. Muhleman.....	.do.	41 60
1304	.do.	Ruthie E. Murphey.....	.do.	32 00
1305	.do.	M. W. Murphey.....	.do.	52 00
1306	.do.	Jesse Myers.....	.do.	91 35
1307	.do.	J. R. Newton.....	.do.	56 25
1308	.do.	Jacob Nicklaus.....	.do.	71 33
1309	.do.	J. F. Purkins.....	.do.	60 00
1310	.do.	Wm. Quinn.....	.do.	55 20
1311	.do.	H. L. Rennaker.....	.do.	66 00
1312	.do.	Ed. Richards.....	.do.	92 00
1313	.do.	A. Servis.....	.do.	73 80
1314	.do.	W. J. Smith.....	.do.	57 80
1315	.do.	D. C. Sprinkle.....	.do.	110 40
1316	.do.	Frank Stalter.....	.do.	44 00
1317	.do.	L. F. Thilsson.....	.do.	62 60
1318	.do.	Geo. Toy.....	.do.	62 56
1319	.do.	Geo. Turner.....	.do.	56 00
1320	.do.	Henry Turner.....	.do.	57 00
1321	.do.	A. Warmber.....	.do.	57 00
1322	.do.	Ed. Whariby.....	.do.	63 14
1323	.do.	Wm. Wilde.....	.do.	57 00
				90 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1324	July 31, 1912.	Wm. Tempin.	Wages, July, 1912.	\$ 72 38
1325	do.	V. R. Barnes.	do.	90 40
1326	do.	F. Crathorne.	do.	78 00
1327	do.	Frank Fogarty.	do.	52 00
1328	do.	Wm. Fogarty.	do.	54 00
1329	do.	Samuel Hanson.	do.	61 60
1330	do.	Edward Hargan.	do.	59 40
1331	do.	W. G. Hixon.	do.	49 40
1332	do.	Jas. Irvine.	do.	53 00
1333	do.	Frank Irvine.	do.	63 45
1334	do.	Arthur Moran.	do.	61 60
1335	do.	Louis Pro.	do.	51 30
1336	do.	John Snyder.	do.	52 00
1337	do.	B. L. Reed.	do.	49 40
1338	do.	P. F. Melarry.	Rent of horse.	13 00
1339	do.	F. Cunningham.	Teaming, etc.	184 47
1340	do.	Ethyl E. Bradley.	Wages, July, 1912.	27 20
1341	do.	Ralph Kelley.	do.	36 00
1342	do.	E. L. Ross.	do.	79 00
1343	do.	Wesley Wilson.	do.	90 00
1344	do.	Harry Higgins.	do.	68 40
1345	do.	Wm. Wascher.	do.	66 40
1346	do.	H. F. Gommerman.	do.	100 00
1347	do.	Walter Politt.	do.	51 00
1348	do.	Robert Pergande.	do.	85 00
1349	do.	Marie Gordon.	do.	40 00
1350	do.	B. L. Morehouse.	do.	85 00
1351	do.	J. B. Hickey.	do.	85 00
1352	do.	Alice V. Hamilton.	do.	37 45
1353	do.	Jas. Brannagan.	do.	51 60
1354	do.	Ralph Kelley.	do.	21 60
1355	do.	B. F. Taber.	do.	66 85
1356	do.	R. S. Gregg.	do.	26 50
1357	do.	G. E. Wright.	do.	100 00
1358	do.	A. J. Booker.	do.	77 20
1359	do.	M. C. Booher.	do.	80 80
1360	do.	Howard Downing.	do.	85 00
1361	do.	C. A. Dunseth.	do.	90 00
1362	do.	J. E. Morgan.	do.	43 00
1363	do.	Marion E. Sparks.	do.	30 10
1364	do.	B. L. Holforty.	do.	82 00
1365	do.	Chas. Hill.	do.	83 60
1366	do.	John Miller.	do.	95 50
1367	do.	S. A. Porter.	do.	90 00
1368	do.	J. H. Vandiventer.	do.	90 00
1369	do.	Ames Wright.	do.	90 00
1370	do.	Walter Jones.	do.	49 80
1371	do.	W. H. Clark.	do.	63 60
1372	do.	F. Cagann.	do.	48 40
1373	do.	Hugh Hobart.	do.	31 15
1374	do.	Paul Utterback.	do.	28 00
1375	do.	Lucile Needham.	do.	18 90
1376	do.	L. B. Gilbert.	do.	41 65
1377	do.	H. A. Gale.	do.	15 49
1378	do.	E. A. Schwing.	do.	20 30
1379	do.	W. M. Taylor.	do.	50 00
1380	do.	F. B. Richardson.	do.	29 92
1381	do.	Gordon Klein.	do.	13 56
1382	do.	T. W. Dieckmann.	do.	42 31
1383	do.	C. M. Young.	do.	42 31
1384	do.	W. E. Joseph.	June 14 to July 31, 1912.	187 50
1385	do.	Allie Lamb.	Wages, July, 1912.	45 00
1386	do.	Anna B. Crackel.	do.	45 00
1387	do.	J. S. Clark.	do.	38 40
1388	do.	H. J. Cooprider.	do.	90 00
1389	do.	J. C. Fiscus.	do.	46 80
1390	do.	E. L. Throp.	do.	83 60
1391	do.	Arthur Turner.	do.	44 99
1392	do.	L. A. Triggs.	do.	19 91
1393	do.	J. J. Herbert.	do.	56 10
1394	do.	Albon Bevis.	do.	148 50
1395	do.	Elizabeth Pfeifer.	Salary, July, 1912.	50 00
1396	do.	Marie Jesler.	Balance salary, July, 1912.	5 00
1397	do.	Carman F. Harnack.	do.	150 00
1398	do.	P. E. Howe.	Salary, summer session, 1912.	100 00
1399	do.	G. W. Sears.	do.	200 00
1400	do.	C. H. Decker.	do.	250 00
1401	do.	do.	do.	75 00
1402	do.	W. W. Cort.	do.	75 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
1403	July 31	A. F. Coutant.....	Salary, summer session, 1912.....	\$ 75 00
1404	..do..	H. B. Ward.....	..do..	300 00
1405	..do..	E. C. Hayes.....	..do..	300 00
1406	..do..	K. F. Geiser.....	..do..	325 00
1407	..do..	S. H. Anderson.....	..do..	100 00
1408	..do..	L. T. Jones.....	..do..	150 00
1409	..do..	O. H. Smith.....	..do..	150 00
1410	..do..	W. F. Schulz.....	..do..	225 00
1411	..do..	C. T. Knipp.....	..do..	225 00
1412	..do..	Verna Brooks.....	..do..	200 00
1413	..do..	L. G. Hana.....	..do..	200 00
1414	..do..	C. H. Mills.....	..do..	300 00
1415	..do..	S. P. Farwell.....	..do..	150 00
1416	..do..	C. E. Noerenberg.....	..do..	150 00
1417	..do..	N. E. Ensign.....	..do..	150 00
1418	..do..	J. M. Duncan.....	..do..	150 00
1419	..do..	D. L. Scroggin.....	..do..	150 00
1420	..do..	S. A. Rowland.....	..do..	50 00
1421	..do..	W. W. Denton.....	..do..	150 00
1422	..do..	C. A. Barnhart.....	..do..	150 00
1423	..do..	G. E. Carscallen.....	..do..	150 00
1424	..do..	G. E. Wahlm.....	..do..	150 00
1425	..do..	A. Emch.....	..do..	225 00
1426	..do..	J. C. Park.....	..do..	350 00
1427	..do..	W. A. Oldfather.....	..do..	200 00
1428	..do..	H. J. Barton.....	..do..	100 00
1429	..do..	G. S. Ford.....	..do..	175 00
1430	..do..	E. I. McCormac.....	..do..	325 00
1431	..do..	V. H. Todd.....	..do..	150 00
1432	..do..	F. E. Held.....	..do..	150 00
1433	..do..	P. S. Barto.....	..do..	150 00
1434	..do..	C. H. Handschin.....	..do..	250 00
1435	..do..	T. E. Oliver.....	..do..	300 00
1436	..do..	R. D. Glasgow.....	..do..	100 00
1437	..do..	J. W. Folsom.....	..do..	300 00
1438	..do..	Walter Buchen.....	..do..	150 00
1439	..do..	R. E. Tiejie.....	..do..	150 00
1440	..do..	A. J. Tiejie.....	..do..	150 00
1441	..do..	E. M. Halliday.....	..do..	170 00
1442	..do..	H. G. Paul.....	..do..	225 00
1443	..do..	H. P. Gray.....	..do..	300 00
1444	..do..	J. M. Clapp.....	..do..	350 00
1445	..do..	H. O. Rugg.....	..do..	75 00
1446	..do..	H. A. Hollister.....	..do..	300 00
1447	..do..	W. S. Miller.....	..do..	100 00
1448	..do..	W. C. Bagley.....	..do..	300 00
1449	..do..	G. W. Dowrie.....	..do..	150 00
1450	..do..	O. M. Martin.....	..do..	75 00
1451	..do..	M. H. Robinson.....	..do..	500 00
1452	..do..	F. M. Porter.....	..do..	150 00
1453	..do..	Oliver Kamm.....	..do..	50 00
1454	..do..	J. E. Egan.....	..do..	125 00
1455	..do..	L. L. Burgess.....	..do..	175 00
1456	..do..	C. G. Derick.....	..do..	175 00
1457	..do..	Ellen S. McCarthy.....	..do..	150 00
1458	..do..	C. W. Balke.....	..do..	225 00
1459	..do..	P. A. Lehenbauer.....	..do..	100 00
1460	..do..	G. F. Hottes.....	..do..	225 00
1461	..do..	Mabel Hill.....	..do..	150 00
1462	..do..	Augusta Evans.....	..do..	75 00
1463	..do..	E. L. McDonald.....	..do..	150 00
1464	..do..	W. H. Smith.....	..do..	150 00
1465	..do..	A. W. Nolan.....	..do..	225 00
1466	..do..	Eliza Hart.....	..do..	5 00
1467	..do..	Mary E. Fawcett.....	Salary, July, 1912.....	166 66
1468	..do..	Miles Clemens.....	..do..	45 83
1469	..do..	E. L. Goodwin.....	Wages, July, 1912.....	55 00
1470	..do..	Chester Turner.....	..do..	24 59
1471	..do..	J. W. Dunn.....	Wages, June and July, 1912.....	72 30
1472	..do..	C. S. Mourning.....	Wages, July, 1912.....	19 95
1473	..do..	Grace Dexter.....	..do..	31 20
1474	..do..	H. L. Olin.....	..do..	50 00
1475	..do..	Oliver Kamm.....	..do..	40 00
1476	..do..	L. C. Smith & Bros. Typewriter Co.....	Rental.....	7 50
1477	..do..	F. C. Jorgeson & Co.....	Furniture.....	215 00
1478	..do..	Foote Mineral Co.....	Minerals.....	14 40
1479	..do..	J. Terquem & Cie.....	Books.....	85 66
1480	..do..	Wm. Parton.....	Labor and materials.....	185 92
1481	..do..	T. H. Flood & Co.....	Books.....	6 50

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
1482	July 31	J. Terquem & Cie.....	Books.....	\$ 104 61
1483	..do.....	J. Terquem & Cie.....	..do.....	311 44
1484	..do.....	Otto Harrassowitz.....	..do.....	84 87
1485	..do.....	Whiting Paper Co.....	Paper.....	59 65
1486	..do.....	Flat Iron Store Co.....	Shades.....	13 50
1487	..do.....	H. C. Wheeler.....	Expenses.....	114 13
1488	..do.....	S. V. Holt.....	..do.....	121 27
1489	..do.....	Flora M. Sims.....	..do.....	4 72
1490	..do.....	Edward Bartow.....	..do.....	42 31
1491	..do.....	John H. Doyle.....	Hardware.....	55 61
1492	..do.....	Saffell Co.....	..do.....	80 98
1493	..do.....	Remington Typewriter Co.....	Machine.....	70 75
1494	..do.....	Twin City Roofing & Sheet Metal Works.....	Water tank.....	11 25
1495	..do.....	Standard Oil Co.....	Oil, etc.....	25 70
1496	..do.....	Illinois State Reformatory.....	Printing.....	337 70
1497	..do.....	The University of Illinois Supply Store.....	Office supplies.....	34 29
1498	..do.....	V. Jobst & Sons.....	Payment on contract.....	18,275 00
1499	..do.....	John Harp.....	..do.....	406 20
1500	..do.....	Library bureau.....	Cards.....	36 00
1501	..do.....	Standard Varnish Works.....	Varnish.....	22 04
1502	..do.....	Wooters & Apperson.....	Pipe.....	69 76
1503	..do.....	Chas. Graham Chemical Pottery Works.....	Sinks.....	34 20
1504	..do.....	Mueller Bros.....	Cylinder.....	8 00
1505	..do.....	Montgomery Ward & Co.....	Matches.....	19 25
1506	..do.....	The Watson-Stillman Co.....	Hydraulic jacks.....	352 75
1507	..do.....	Twin City Printing Co.....	Rubber stamps.....	2 00
1508	..do.....	Ernst Leltz.....	Apparatus.....	166 66
1509	..do.....	Callaghan & Co.....	Books.....	20 00
1510	..do.....	G. W. Sheldon & Co.....	Duties, etc.....	8 20
1511	..do.....	G. E. Warner.....	Express.....	3 42
1512	..do.....	Goes Lithographing Co.....	Lithographing.....	72 60
1513	..do.....	Illinois Electric Co.....	Pump and burner.....	3 25
1514	..do.....	Wadsworth-Howland Co.....	Enamel.....	20 00
1515	..do.....	Sheldon Brick Co.....	Fire brick.....	12 00
1516	..do.....	Western Automatic Machine Screw Co.....	Screws.....	4 79
1517	..do.....	C. H. Sager Hardware Co.....	Hardware.....	185 25
1518	..do.....	Southern Illinois Penitentiary.....	Fertilizer.....	99 64
1519	..do.....	Odin Lumber Co.....	Lumber, etc.....	164 74
1520	..do.....	Ohlong Lumber Co.....	Lumber.....	280 23
1521	..do.....	T. E. Nichols.....	Paint.....	15 00
1522	..do.....	Imperial Cotton Milling Co.....	Dairy supplies.....	207 50
1523	..do.....	B. A. Strauch.....	Negatives, etc.....	16 78
1524	..do.....	Whitall Tatam Co.....	Tinctures.....	45 54
1525	..do.....	Walker & Mulliken.....	Furniture.....	58 50
1526	..do.....	Mittendorf & Kiler.....	..do.....	6 00
1527	..do.....	G. W. Porter.....	Wages, July, 1912.....	55 00
1528	..do.....	E. K. Strachan.....	..do.....	80 00
1529	..do.....	L. H. Smith.....	Expenses.....	10 05
1530	..do.....	R. H. Porter.....	..do.....	24 85
1531	..do.....	E. B. Millard.....	Wages, June 1 to September 20, 1912.....	100 00
1532	..do.....	F. C. Lincoln.....	Wages, July, 1912.....	180 00
1533	..do.....	H. H. Lauer.....	..do.....	150 00
1534	..do.....	F. C. Bauer.....	Expenses.....	7 54
1535	..do.....	J. E. Whitechurch.....	Field expenses.....	118 92
1536	..do.....	Southern Illinois Penitentiary.....	Brushes.....	5 40
1537	..do.....	N. Bommersbach.....	Plants.....	2 00
1538	..do.....	F. C. Lincoln.....	Expenses.....	61 08
1539	..do.....	C. M. Young.....	..do.....	34 63
1540	..do.....	S. O. Andros.....	..do.....	151 15
1541	..do.....	H. H. Stook.....	..do.....	148 97
1542	..do.....	Martin Dupray.....	Wages, July, 1912.....	75 00
1543	..do.....	Marshall Field & Co.....	Towels.....	588 00
1544	..do.....	T. F. Jordan.....	Milk.....	24 89
1545	..do.....	R. T. Lumsden.....	..do.....	6 08
1546	..do.....	F. W. Taylor.....	..do.....	10 06
1547	..do.....	S. Herriott.....	..do.....	5 90
1548	..do.....	J. W. Collins.....	..do.....	2 91
1549	..do.....	H. Wascher.....	..do.....	28 15
1550	..do.....	N. Hahn.....	..do.....	9 71
1551	Aug. 7	Lou Creiger.....	..do.....	13 69
1552	..do.....	C. Ross.....	..do.....	11 95
1553	..do.....	A. F. Dyson.....	..do.....	9 57
1554	..do.....	Geo. Schiff.....	..do.....	13 66
1555	..do.....	H. C. Kaufman.....	..do.....	14 10
1556	..do.....	Len Rayburn.....	..do.....	14 28
1557	..do.....	G. Reefstack.....	..do.....	2 91
1558	..do.....	E. Grove.....	..do.....	7 02
1559	..do.....	E. P. Grove.....	..do.....	14 10

GENERAL UNIVERSITY WARRANTS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
1560	Aug. 7, 1912.	H. Buhs.	Milk.	\$ 5 23
1561	do.	L. P. Rayburn.	do.	15 96
1562	do.	B. Jordan.	do.	13 44
1563	do.	C. J. Gillespie.	do.	16 15
1564	do.	J. F. Hoy.	do.	11 21
1565	do.	J. C. Anderson.	do.	10 33
1566	do.	Corra Stacker.	do.	7 67
1567	do.	J. B. Marsh.	do.	5 76
1568	do.	J. M. Smith.	do.	18 16
1569	do.	J. E. Haney.	do.	27 04
1570	do.	H. M. Corray.	do.	4 06
1571	do.	Frank Knox.	do.	15 23
1572	do.	G. W. Van Meter.	do.	9 32
1573	do.	G. C. Gordon.	do.	12 87
1574	do.	L. F. Lindsey.	do.	9 42
1575	do.	F. H. Busey.	do.	17 03
1576	do.	R. S. McInnes.	do.	8 53
1577	do.	K. S. Gunn.	do.	12 87
1578	do.	Pearl Hazen.	do.	19 62
1579	do.	John Gadsell.	do.	8 22
1580	do.	D. S. Herrick.	do.	19 29
1581	do.	Mrs. I. Elford.	do.	16 87
1582	do.	F. W. Howell.	do.	1 82
1583	do.	W. M. Brown.	do.	5 26
1584	do.	E. S. Hays.	do.	12 65
1585	do.	J. W. Wilson.	do.	4 78
1586	do.	L. H. Frame.	do.	9 30
1587	do.	L. H. Besore.	do.	8 76
1588	do.	T. M. Ghare.	do.	22 51
1589	do.	H. J. Morehouse.	do.	15 76
1590	do.	C. W. Hamm.	do.	3 75
1591	do.	Geo. Harriott.	do.	18 34
1592	do.	David Wilkins.	do.	7 33
1593	do.	E. J. Percival.	do.	6 56
1594	do.	John McCullough.	do.	11 28
1595	do.	E. R. Canady.	do.	13 83
1596	do.	W. D. Kohl.	do.	15 73
1597	do.	W. C. Welch.	do.	7 36
1598	do.	Flora Zeigler.	do.	9 07
1599	do.	G. F. Dielenbach.	do.	2 38
1600	do.	Jacob Zeigler.	do.	11 67
1601	do.	R. A. Lunsden.	do.	9 42
1602	do.	W. W. Meyer.	do.	12 43
1603	do.	D. W. Shiveley.	do.	10 50
1604	do.	Van Carter.	do.	14 95
1605	do.	A. R. Grindley.	do.	4 51
1606	do.	H. I. Nelson.	do.	4 69
1607	do.	G. M. Seiber.	do.	10 61
1608	do.	G. C. Gordon.	do.	15 32
1609	do.	J. E. Henderson.	do.	8 28
1610	do.	T. F. Lyon.	do.	9 63
1611	do.	C. C. Rayburn.	do.	4 98
1612	do.	M. Hudson.	do.	8 00
1613	do.	J. M. Herrick.	do.	18 06
1614	do.	A. G. Krickewilt.	do.	4 73
1615	do.	G. H. Spencer.	do.	8 22
1616	do.	M. Leigh.	do.	12 34
1617	do.	H. Cherry.	do.	7 22
1618	do.	J. R. Salliday.	do.	16 29
1619	do.	G. Gnad.	do.	4 62
1620	do.	W. H. Webb.	do.	4 49
1621	do.	Fred Thompson.	do.	10 56
1622	do.	O. W. Hampton.	do.	9 52
1623	do.	E. F. Byon.	do.	9 09
1624	do.	S. Atkinson.	do.	5 26
1625	do.	John Cavanaugh.	do.	4 62
1626	do.	W. H. Gray.	do.	7 53
1627	do.	W. E. Yount.	do.	17 02
1628	do.	L. H. Gordon.	do.	11 73
1629	do.	A. W. McDaniels.	do.	10 75
1630	do.	W. E. Leigh.	do.	4 00
1631	do.	J. A. R. Koch.	do.	12 93
1632	do.	F. A. McCracken.	do.	5 68
1633	do.	C. Allen.	do.	6 19
1634	do.	John Weiss.	do.	16 29
1635	do.	O. A. McInnes.	do.	8 68
1636	do.	G. Taylor.	do.	8 35
1637	do.	Jas. Freeman.	do.	7 61
1638	do.	J. H. Schwengel.	do.	16 54



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
1639	Aug. 7	P. P. Dunn	Milk	\$ 7 30
1640	do	E. W. Smalley	do	12 60
1641	do	J. M. Stickrod	do	23 43
1642	do	R. W. Graham	do	9 58
1643	do	R. W. Maggard	do	11 92
1644	do	E. W. Washburn	Expenses	5 00
1645	do	A. W. Nolan	do	15 56
1646	do	G. A. Garrison	Wheat	60 48
1647	do	John Harp	Payment on contract	603 50
1648	do	O. S. Watkins	Expenses	31 79
1649	do	L. E. Foglesong	do	122 22
1650	do	F. H. Colyer	Wages, May 21-July 20, 1912	15 25
1651	do	H. J. Alvis	Expenses	8 74
1652	do	A. F. Gustafson	do	68 34
1653	do	J. G. Mosier	do	72 98
1654	do	O. S. Fisher	do	54 45
1655	do	G. M. Hinkley	do	25 17
1656	do	F. W. Gault	do	73 08
1657	do	J. R. Wells	do	33 30
1658	do	D. H. Stevenson	do	36 30
1659	do	S. E. Huff & Co	Lumber, etc.	1,316 20
1660	do	F. W. Garrett	Expenses	116 74
1661	do	A. W. Stoolman	Payment on contract	5,950 00
1662	do	O. E. Staples, Chief Clerk	Freight bills paid	433 25
1663	do	O. E. Staples, Chief Clerk	Express bills paid	131 52
1664	do	O. E. Staples, Chief Clerk	Sundry bills paid	50 45
1665	do	O. E. Staples, Chief Clerk	Men's payroll	606 21
1666	do	O. E. Staples, Chief Clerk	Students' payroll	291 98
1667	do	W. W. Lindley, Postmaster	Postage	156 00
1668	do	H. D. Oberdorfer	Expenses	2 75
1669	do	A. W. Stoolman	Payment on contract	14,832 50
1670	do	C. J. Baker	Wages, July, 1912	50 00
1671	do	English Brothers	Payment on contract	10,767 15
1672	Aug. 8	Woldenberg & Schaar	Apparatus	564 00
1673	do	Elmer & Amend	Laboratory supplies	646 48
1674	do	T. H. Craig	Medals	20 00
1675	do	The Studebaker Corporation	Wagon	65 00
1676	do	Agricultural Apparatus Co.	Separator	25 00
1677	do	C. J. Welch	Labor and material	17 51
1678	do	Ideal Electric Co.	do	140 23
1679	do	Colonial Works	Paint	268 18
1680	do	Pratt & Lambert	Varnish	27 83
1681	do	Ludlow Valve Co.	Valves	39 73
1682	do	J. Terquem & Cie	Books	1 45
1683	do	Paul Gottschalk	do	3 19
1684	do	Veeder Manufacturing Co.	Tachometer	37 50
1685	do	Chicago Steel Tape Co.	Polls	28 80
1686	do	Electric Speedometer Co.	Tachometer	85 00
1687	do	The American Well Works	Pump	225 00
1688	do	Democratic Printing Co.	Book	5 50
1689	do	J. Terquem & Cie	Books	19 85
1690	do	Inland Supply Co.	Tank	23 73
1691	do	Southern Illinois Lumber Co.	Lumber	296 68
1692	do	Pantagraph Printing & Stationery Co.	Printing	25 00
1693	do	W. E. Lyon & Co.	Lumber, etc.	513 02
1694	do	E. H. Sargent & Co.	Supplies	644 33
1695	do	Keuffel & Esser Co.	Instruments	113 00
1696	do	H. P. Stinespring	Hay, etc.	96 75
1697	do	Charles M. Samson	Directories	37 00
1698	Aug. 9	C. C. Logan	Expenses	130 52
1699	do	S. W. Renner	do	2 19
1700	do	B. E. Powell	do	19 82
1701	do	J. H. Carter	do	145 00
1702	do	W. H. Galliher	do	166 29
1703	do	R. E. Brand	do	39 28
1704	do	E. E. Hoskins	do	114 40
1705	do	Henry Plau	do	116 69
1706	do	J. A. Rumer & Son	do	47 98
1707	do	H. W. Stewart	do	118 51
1708	do	Wm. Ateh, Sr	do	46 84
1709	do	Albert Tate	do	112 10
1710	do	Alfred Bergren	do	39 46
1711	do	H. P. Rusk	do	11 14
1712	do	E. M. Halliday	Lecture	10 00
1713	do	C. T. Knipp	Lectures	75 00
1714	do	M. H. Robinson	do	75 00
1715	do	W. C. Bagley	Services	200 00
1716	do	Electric Coal Co.	Coal	642 30
1717	do	A. W. Nolan	Groceries	1 15

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
1718	Aug. 13	J. Terquem & Cie.	Books.	\$ 7 76
1719	do.	H. A. Hollister.	Services.	25 00
1720	do.	E. C. Hayes.	do.	25 00
1721	do.	C. H. Mills.	do.	25 00
1722	do.	I. M. Bentley.	Lecture.	50 00
1723	do.	Augusta D. Evans.	Expenses.	16 46
1724	do.	A. J. Crouch.	Straw and oats.	52 87
1725	do.	R. S. Hulce.	Expenses.	7 32
1726	do.	S. E. Illinois Long Distance Telephone & Telegraph Co.	Rent and toll.	11 20
1727	do.	Leonard Hegnauer.	Expenses.	27 97
1728	do.	W. T. Crandall.	do.	18 36
1729	do.	A. F. Krueger.	do.	12 81
1730	do.	R. C. Kastler.	do.	14 11
1731	do.	Buffalo Forge Co.	Engine.	580 50
1732	do.	The Hess-Bright Mfg. Co.	Bearings.	21 28
1733	do.	H. W. Anderson.	Expenses.	28 78
1734	do.	S. T. Wallage.	do.	44 83
1735	do.	U. S. Parker.	do.	9 85
1736	do.	Anna M. Palmer.	Theme reading.	5 00
1737	do.	J. W. Smith.	Field expenses.	63 55
1738	do.	C. A. Campbell.	Expenses.	72 36
1739	do.	G. W. Matheny.	Field expenses.	75 10
1740	do.	Rance Sutton.	do.	18 07
1741	do.	Frank Morgan.	do.	107 31
1742	do.	A. L. Moats.	do.	23 30
1743	do.	C. W. Crabtree.	do.	46 85
1744	do.	John Reichard.	Corn.	457 73
1745	do.	Wesley Golden.	Wages, July, 1912.	40 60
1746	do.	Geo. Baker.	do.	21 93
1747	do.	Will Pritchard.	do.	38 06
1748	do.	Clyde Hamlin.	do.	40 00
1749	do.	Wm. Leathers.	do.	34 95
1750	do.	Fred Pine.	do.	24 19
1751	do.	Daniel Vaubel.	Wages, July 29-Aug. 8, 1912.	27 50
1752	do.	Miles Clements.	Salary, July, 1912.	45 83
1753	do.	E. E. Hollman.	do.	60 00
1754	do.	F. W. Tanner.	Salary, July 15-31, 1912.	30 00
1755	do.	H. D. Oberdorfer.	Salary, July, 1912.	166 66
1756	do.	J. Terquem & Cie.	Books.	61 05
1757	Aug. 14	John Harp.	Payment on contract.	850 00
1758	do.	Frederick Post Co.	Paper.	10 00
1759	do.	The Wabash Cabinet Co.	Cards.	16 43
1760	do.	The Weis Mfg. Co.	do.	2 20
1761	do.	Plume & Atwood Mfg. Co.	Brass.	38 89
1762	do.	International Carbon Co.	Carbon paper.	1 50
1763	do.	L. C. Smith & Brothers Typewriter Co.	Rentals.	7 50
1764	do.	The Dixie Music House.	Bassoon.	75 00
1765	do.	The Champaign News.	Advertising.	2 00
1766	do.	John C. Moore Corporation.	Binder.	1 00
1767	do.	Zenner Disinfectant Co.	Zenoleum.	12 50
1768	do.	Champaign Grain Guard Co.	Guards.	7 50
1769	do.	J. M. Flanagan.	Traps.	8 00
1770	do.	Central Scientific Co.	Tubes.	4 70
1771	do.	Henry Troemner.	Apparatus.	371 20
1772	do.	Bacon Brothers.	Paint supplies.	20 25
1773	do.	Henry Trevett.	Seed.	6 00
1774	do.	Western Electric Co.	Supplies.	16 21
1775	do.	Chas. Frost.	Seeds.	1 00
1776	do.	Goder-Heimen Co.	Map.	6 00
1777	do.	Sauveur & Boylston.	Motor.	307 14
1778	do.	F. A. Wilske.	Repairs.	4 90
1779	do.	Engineering Record.	Advertising.	14 82
1780	do.	The Engineering Magazine.	do.	12 54
1781	do.	Driver-Harris Wire Co.	Wire.	7 97
1782	do.	W. Lewis & Co.	Dry goods.	4 30
1783	do.	The A. E. Price Co.	Lettering.	3 00
1784	do.	Mittendorf & Klier.	Bookcase.	9 50
1785	do.	Lewis Electric Supply Co.	Labor.	48 40
1786	do.	Little, Brown & Co.	Books.	9 40
1787	do.	G. W. Sheldon & Co.	Charges.	14 46
1788	do.	The National Citizens League.	Membership.	1 00
1789	do.	The Avery Scale Co.	Scale.	275 00
1790	do.	The Galigher Machinery Co.	Tanks.	162 50
1791	do.	Buffalo Scale Co.	Scale.	49 11
1792	do.	The American Well Works.	Pump.	52 00
1793	do.	Ernst Letz.	Microscope.	104 43
1794	do.	Crosby Steam Gage & Valve Co.	Charts.	4 25
1795	do.	Meyer & Wenthe.	Stamps.	4 12

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
1796	Aug. 14	Green Engineering Co.	Links	\$ 24 93
1797	do.	W. M. Morrison	Photographs	5 00
1798	do.	The University Press	Printing	5 50
1799	do.	Supply Department Marine Biological	Laboratory supplies	18 64
1800	do.	V. S. Powers	Animals	4 20
1801	do.	F. A. Hawley	Labor and material	43 56
1802	do.	Eugene Dietzgen Co.	Odometer	27 00
1803	do.	Creel & Pollard	Foundation	30 00
1804	do.	M. R. Corbett	Tile	414 73
1805	do.	Brownell Improvement Co.	Stone	28 80
1806	do.	H. C. Gilkerson	Expenses	34 96
1807	do.	J. E. Readhimer	do.	167 90
1808	do.	H. C. Wheeler	do.	95 50
1809	do.	A. F. Gustafson	Field expenses	55 95
1810	do.	G. B. Willis	do.	32 11
1811	do.	L. J. Sims	do.	230 42
1812	do.	W. A. Newbold	Hardware, etc.	133 67
1813	do.	McGraw-Hill Book Co.	Books	16 25
1814	do.	Indianapolis Blue Print Supply Co.	Map	22 80
1815	do.	International Press Clipping Bureau	Service	5 00
1816	do.	Illin is Press Clipping Bureau	do.	3 36
1817	do.	M. C. Clark Publishing Co.	Book	4 50
1818	do.	Trautwine Co.	do.	5 00
1819	do.	Twin City Ice & Cold Storage Co.	Ice	18 00
1820	do.	Knowlton & Bennett	Supplies	2 50
1821	do.	Leavitt Mfg. Co.	Rheostats, etc.	45 75
1822	do.	Jacquín & Co.	Supplies	16 20
1823	do.	Illinois State Reformatory	Printing	493 00
1824	do.	Wm. Hix	Hauling	55 50
1825	do.	Miller Harness Co.	Repairs, etc.	30 30
1826	do.	Westinghouse Electric & Mfg. Co.	Electrical appliances	520 58
1827	do.	Underwood Typewriter Co.	Repairs, etc.	11 75
1828	do.	A. C. McClurg & Co.	Books	7 38
1829	do.	S. E. Dillavou	Implements	425 55
1830	do.	Flanigan-Pearson Co.	Printing	9 50
1831	do.	The Field & Shorb Co.	Hose, etc.	22 39
1832	do.	Central Electric Co.	Fans, etc.	185 64
1833	do.	G. B. Carpenter & Co.	Awnings, etc.	14 13
1834	do.	H. Swannell & Son	Drugs, etc.	13 30
1835	do.	J. W. Butler Paper Co.	Paper	65 56
1836	do.	W. A. Beasley	Plastering	139 04
1837	do.	Bausch & Lomb Optical Co.	Apparatus	21 30
1838	do.	Twin City Roofing & Sheet Metal Works	Repairs	4 65
1839	do.	Chas. A. Hall Hardware Co.	Hardware	31 90
1840	do.	Saffell Co.	do.	22 00
1841	do.	Standard Oil Co.	Oil, etc.	64 87
1842	do.	B. A. Strauch	Prints	17 25
1843	do.	The Burr Co.	Foundry work	141 53
1844	do.	John H. Doyle	Hardware	53 90
1845	do.	S. E. Huff & Co.	Lumber, etc.	136 50
1846	do.	Ernst Hertzberg & Sons	Bookbinding	216 42
1847	do.	M. L. Harrman	Wages, July 1 to August 10, 1912.	60 00
1848	do.	Ralph Hilscher	Expenses	29 38
1849	do.	Paul Hansen	do.	99 86
1850	do.	S. W. Shattuck	do.	17 54
1851	Aug 15	A. P. Grout	do.	47 10
1852	do.	The University Club of Urbana & Cham-		
		paign	Entertainment	16 60
1853	Aug. 17	D. M. Sims	Labor	204 45
1854	do.	F. A. Hawley	Concrete work	439 50
1855	do.	O. E. Shobe & Co.	Use of wagon	2 00
1856	do.	Foster Instrument Co.	Instruments	19 82
1857	do.	Simon Yelch	Hay	15 00
1858	do.	Felix L. Dames	Books	11 14
1859	do.	Martinus Nijhoff	do.	14 71
1860	do.	Königliche Bibliothek	do.	14 81
1861	do.	Dulau & Co., Ltd.	do.	3 43
1862	do.	Otto Harrassowitz	do.	156 37
1863	do.	Alphonse Picard & Fils	do.	4 39
1864	do.	Otto H. Falk, Receiver	Crusher	369 95
1865	do.	Otto Harrassowitz	Books	9 90
1866	do.	Henry Bruns	Hardware, etc.	153 10
1867	do.	C. H. Albright	do.	217 94
1868	do.	T. J. Lopp	Painting	16 25
1869	do.	Vigo Clay Co.	Tile	322 03
1870	do.	I. O. Baker	Expenses	10 72
1871	do.	H. H. Lauer	do.	162 21
1872	do.	C. W. Smith	do.	112 68
1873	do.	Merle L. Nebel	do.	101 24

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
1874	Aug. 17	H. L. Stafford	Expenses.	\$113 44
1875	do.	J. E. McDonald	do.	110 09
1876	do.	O. E. Staples, Chief Clerk	Sundry bills paid	100 61
1877	do.	O. E. Staples, Chief Clerk	Students' payroll	778 72
1878	do.	O. E. Staples, Chief Clerk	Express bills paid	45 25
1879	do.	O. E. Staples, Chief Clerk	Freight bills paid	231 93
1880	do.	W. W. Lindley, Postmaster	Postage	270 98
1881	Aug. 19	F. A. Kirkpatrick	Labor as research assistant	66 28
1882	do.	Isabel Bevier	Expenses.	11 31
1883	do.	A. W. Wischer	do.	66 83
1884	do.	R. E. Brand	do.	14 80
1885	do.	C. E. Ladd	do.	19 36
1886	do.	F. A. Pearson	do.	22 47
1887	do.	John Balcom	do.	23 93
1888	do.	E. G. Misner	do.	8 11
1889	do.	H. F. Rhodes	do.	17 36
1890	do.	D. S. Fox	do.	16 21
1891	do.	W. A. Ruth	do.	28 82
1892	do.	J. Mack Tanner	do.	20 52
1893	do.	W. S. Perrine	do.	13 25
1894	do.	Ralph Chaplin	Field expenses.	11 52
1895	do.	Tebbo Tebben	do.	47 30
1896	do.	G. M. Hinkley	do.	29 01
1897	do.	H. F. T. Fahrnkopf	do.	30 90
1898	do.	J. T. Newsome	do.	33 76
1899	do.	W. F. Handschin	do.	26 97
1900	do.	E. E. Hoskins	do.	43 37
1901	do.	S. V. Holt	Expenses.	106 21
1902	Aug. 20	R. W. Graham	Milk.	11 23
1903	Aug. 20	T. N. Burwash	Milk.	8 53
1904	Aug. 20	J. M. Stickrod	Milk.	25 28
1905	do.	P. P. Dunn	do.	7 39
1906	do.	E. W. Smalley	do.	5 37
1907	do.	J. H. Schwenfel	do.	10 58
1908	do.	Jas. Freeman	do.	6 46
1909	do.	G. Taylor	do.	4 50
1910	do.	O. A. McInnes	do.	1 14
1911	do.	John Weiss	do.	19 71
1912	do.	C. Allen	do.	3 64
1913	do.	C. A. McCracken	do.	2 82
1914	do.	J. A. R. Koch	do.	7 75
1915	do.	W. E. Leigh	do.	4 92
1916	do.	A. W. McDaniels	do.	8 60
1917	do.	I. H. Gordon	do.	10 58
1918	do.	W. E. Yount	do.	11 00
1919	do.	W. H. Gray	do.	6 10
1920	do.	S. Atchison	do.	4 59
1921	do.	E. F. Lyons	do.	7 75
1922	do.	O. W. Hampton	do.	3 44
1923	do.	Fred Thompson	do.	8 44
1924	do.	W. H. Webb	do.	3 54
1925	do.	A. G. Guard	do.	3 40
1926	do.	J. B. Salliday	do.	13 04
1927	do.	H. Cherry	do.	2 38
1928	do.	M. Leigh	do.	6 63
1929	do.	G. H. Spencer	do.	3 50
1930	do.	A. G. Krukewitt	do.	4 28
1931	do.	J. M. Herriott	do.	13 16
1932	do.	M. Hudson	do.	3 89
1933	do.	C. C. Rayburn	do.	2 99
1934	do.	T. P. Lyons	do.	7 26
1935	do.	J. E. Henderson	do.	5 09
1936	do.	C. C. Gordon	do.	11 66
1937	do.	G. M. Seeber	do.	6 69
1938	do.	H. I. Nelson	do.	5 32
1939	do.	A. R. Grindley	do.	4 58
1940	do.	Van Carter	do.	4 20
1941	do.	J. H. Umbanhowar	do.	5 51
1942	do.	D. W. Shiveley	do.	13 66
1943	do.	W. W. Meyer	do.	8 23
1944	do.	R. A. Lumsden	do.	7 55
1945	do.	Jacob Zeigler	do.	15 90
1946	do.	G. F. Dielenbach	do.	8 48
1947	do.	F. A. Zeigler	do.	10 97
1948	do.	W. C. Welch	do.	8 40
1949	do.	W. D. Rohl	do.	13 18
1950	do.	A. R. Canady	do.	4 98
1951	do.	John McCullough	do.	6 54
1952	do.	E. J. Percival	do.	3 32

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
1953	Aug. 20	David Wilkins.....	Milk.....	\$ 5 48
1954	..do..	Geo. Herriott.....	..do..	22 73
1955	..do..	C. W. Hann.....	..do..	4 28
1956	..do..	H. J. Moorehouse.....	..do..	15 26
1957	..do..	T. M. Ghere.....	..do..	15 93
1958	..do..	W. F. Hampton.....	..do..	3 00
1959	..do..	I. H. Besore.....	..do..	7 32
1960	..do..	W. H. Frame.....	..do..	8 18
1961	..do..	W. J. Wilson.....	..do..	4 48
1962	..do..	E. S. Hays.....	..do..	9 54
1963	..do..	Mrs. I. Ellrod.....	..do..	14 35
1964	..do..	D. S. Herriott.....	..do..	7 11
1965	..do..	John Godsell.....	..do..	3 75
1966	..do..	Pearl Hazen.....	..do..	23 15
1967	..do..	R. S. McInnes.....	..do..	9 01
1968	..do..	John Englehardt.....	..do..	36 91
1969	..do..	S. Guinn.....	..do..	8 45
1970	..do..	F. H. Busey.....	..do..	13 10
1971	..do..	Burt Rayburn.....	..do..	9 84
1972	..do..	L. F. Lindsey.....	..do..	9 64
1973	..do..	G. C. Gordon.....	..do..	7 53
1974	..do..	G. W. Van Meter.....	..do..	11 32
1975	..do..	Frank Knox.....	..do..	15 59
1976	..do..	H. M. Corray.....	..do..	2 38
1977	..do..	J. E. Haney.....	..do..	22 37
1978	..do..	J. M. Smith.....	..do..	11 81
1979	..do..	J. B. Marsh.....	..do..	3 94
1980	..do..	Mrs. Cora Stacker.....	..do..	7 75
1981	..do..	J. C. Anderson.....	..do..	6 80
1982	..do..	J. F. Hoy.....	..do..	8 85
1983	..do..	A. J. Gillespie.....	..do..	15 00
1984	..do..	B. Jordan.....	..do..	18 62
1985	..do..	L. P. Rayburn.....	..do..	9 43
1986	..do..	H. Buhs.....	..do..	3 04
1987	..do..	E. P. Grove.....	..do..	16 27
1988	..do..	E. Grove.....	..do..	9 43
1989	..do..	Geo. Reefstack.....	..do..	2 46
1990	..do..	Len Rayburn.....	..do..	18 00
1991	..do..	M. C. Kaufman.....	..do..	8 52
1992	..do..	Geo. Schiff.....	..do..	13 30
1993	..do..	A. F. Dyson.....	..do..	3 94
1994	..do..	C. Ross.....	..do..	18 64
1995	..do..	Lou Creiger.....	..do..	12 26
1996	..do..	Nicholas Hahn.....	..do..	5 76
1997	..do..	H. Wascher.....	..do..	23 27
1998	..do..	W. J. Collins.....	..do..	9 96
1999	..do..	S. Herriott.....	..do..	3 81
2000	..do..	R. T. Lumsden.....	..do..	4 86
2001	..do..	T. F. Jordan.....	..do..	38 94
2002	..do..	John Reichard.....	Oats.....	40 90
2003	..do..	C. L. Ellis.....	Wages, August, 1912.....	47 50
2004	..do..	A. E. Morris.....	Expenses.....	5 15
2005	..do..	F. W. Gault.....	..do..	37 19
2006	..do..	O. S. Fisher.....	..do..	72 70
2007	..do..	J. E. Whitechurch.....	..do..	84 75
2008	Aug. 22	McKey & Poague, Agents.....	Rent, August, 1912.....	500 00
2009	..do..	H. G. Hake.....	Repairing battery.....	15 00
2010	..do..	H. A. Hollister.....	Expenses.....	20 39
2011	..do..	H. W. Stewart.....	..do..	127 56
2012	..do..	J. S. Coffey.....	..do..	51 00
2013	..do..	W. C. Rowse.....	..do..	7 20
2014	..do..	John Harp.....	Payment on contract.....	680 00
2015	..do..	Geo. McGahey.....	Horse and harness.....	237 00
2016	..do..	W. A. Beasley.....	Labor and materials.....	142 50
2017	..do..	Flanigan-Pearson Co.....	Printing.....	517 25
2018	Aug. 24	Woldenberg & Schaar.....	Supplies.....	133 35
2019	Aug. 24	Champaign Steam Laundry.....	Washing.....	9 00
2020	Aug. 24	The Wabash Cabinet Co.....	Furniture.....	16 92
2021	..do..	Remington Typewriter Co.....	Supplies.....	10 50
2022	..do..	The Leeds & Northrup Co.....	Cell.....	28 00
2023	..do..	The Urbana Courier Co.....	Pads.....	4 00
2024	..do..	White Line Steam Laundry.....	Washing.....	19 72
2025	..do..	Western Bank Note & Engraving Co.....	Parchment.....	2 25
2026	..do..	The Globe-Wernicke Co.....	Tray guides.....	2 00
2027	..do..	Gaylord Brothers.....	Pamphlet binders.....	170 10
2028	..do..	Library Bureau.....	Cards, etc.....	28 40
2029	..do..	Spencer Lens Co.....	Supplies.....	7 20
2030	..do..	A. Bryant & Son.....	Nursery stock.....	55 70
2031	..do..	E. T. Benjamin.....	Horse shoeing.....	8 50

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
203	1912.			
2033	Aug. 24	The Beardsley Hotel Co.	Entertaining.	\$ 8 75
2034	do	Bacon & Co.	Ladders.	14 94
2035	do	Bartley Bros. & Hall.	Saddle.	26 25
2036	do	A. T. Burlass.	Tanks and brushes.	46 00
2037	do	Bausch & Lomb Optical Co.	Crucibles.	16 00
2038	do	The American Berkshire Assn.	Entry fees.	5 25
2039	do	Western Carbon & Ribbon Co.	Paper and ribbons.	8 34
		Twentieth Century Press Clipping Bureau.	Clippings.	2 50
2040	do	Twin City Ice & Cold Storage Co.	Ice.	50 00
2041	do	Tuttle & Clark.	Harness.	2 56
2042	do	H. P. Stinespring.	Feed.	22 00
2043	do	Stafford Engraving Co.	Half-tones.	23 40
2044	do	Southern Illinois Penitentiary.	Fertilizer.	4 00
2045	do	The Silver Mfg. Co.	Cutter knives.	10 00
2046	do	The Sherwin-Williams Co.	Paint.	8 00
2047	do	Jas. H. Rice Co.	Supplies.	19 20
2048	do	Pantagraph Printing & Stationery Co.	Printing.	57 89
2049	do	P. F. Pettibone & Co.	Paper.	4 50
2050	do	Champaign Daily Gazette.	Advertising.	3 50
2051	do	H. F. Chester.	Transferring.	25 59
2052	do	Creamery Package Mfg. Co.	Agitator and supplies.	325 22
2053	do	Detroit Flower Pot Co.	Pots.	61 37
2054	do	Dayton Fruit Tree Label Co.	Garden stakes.	7 90
2055	do	S. E. Dillavou.	Supplies.	38 95
2056	do	A. C. Durr.	Galvanized iron.	22 00
2057	do	The American Florist Co.	Subscription.	1 00
2058	do	Elbe File & Binder Co.	Binders.	30 40
2059	do	L. U. Everhart.	Services.	5 00
2060	do	Thomas Franks & Son.	Wreath.	10 35
2061	do	T. L. Harrington.	Belting.	9 90
2062	do	G. Gennert.	Supplies.	9 72
2063	do	E. H. Hunt.	Ferns.	2 50
2064	do	Kentucky Tobacco Product Co.	Tobacco.	10 50
2065	do	Pabst Stock Farm.	Board.	44 14
2066	do	Meyer & Wenthe.	Rubber stamps, etc.	6 98
2067	do	The Miller Harness Co.	Supplies.	3 00
2068	do	McMillan Book Co.	do.	12 60
2069	do	Eugene Manning.	do.	4 60
2070	do	The Construction News Co.	Advertising.	1 65
2071	do	Wadsworth-Howland Co.	Paints.	40 10
2072	do	Mills Electric Co.	Supplies.	16 69
2073	do	Simplex Electric Heating Co.	Stove top.	1 85
2074	do	Crescent Paper Co.	Paper.	34 52
2075	do	C. J. Welch.	Concrete work.	11 34
2076	do	Baker & Co., Inc.	Platinum wire.	2 22
2077	do	Riehle Bros. Testing Machine Co.	Supplies.	5 00
2078	do	Plume & Atwood Mfg. Co.	Brass.	35 21
2079	do	Morse Chain Co.	Chain.	17 05
2080	do	Walker Vehicle Co.	Battery jars.	4 80
2081	do	American-LaFrance Fire Engine Co.	Fire pails.	14 00
2082	do	C. W. Davis.	Stone cutting.	12 00
2083	do	C. E. Hopkins.	Seed corn.	6 00
2084	do	J. Bowman.	Supplies.	45 31
2085	do	Franklin Valbert.	Disc.	2 50
2086	do	Snively & Montgomery.	Corn.	24 81
2087	do	O. S. Watkins.	Expenses.	28 74
2088	do	A. Pickering & Son.	Tires.	8 50
2089	do	Alex Harmon & Son.	Horse shoeing.	4 50
2090	do	Jas. Norris.	Supplies.	4 30
2091	do	J. C. Miller.	Services.	14 00
2092	do	A. Barr.	Sand.	6 00
2093	do	Callaghan & Co.	Books.	1 75
2094	do	Chalmers & Williams.	Apparatus.	276 00
2095	do	H. J. Shaw.	Supplies.	15 00
2096	do	H. J. Green.	Repairs.	4 00
2097	do	The Bristol Co.	Wattmeter.	68 80
2098	do	L. J. Weiller.	Repairs.	1 50
2099	do	The W. S. Tyler Co.	Brass.	6 52
2100	do	The Field & Shorb Co.	Die stock.	12 00
2101	do	The Fisher Governor Co.	Cup leather.	7 93
2102	do	Crane Co.	Cement.	3 75
2103	do	The Babcock & Wilcox Co.	Tubes, etc.	42 72
2104	do	The Ashcroft Mfg. Co.	Charts.	5 00
2105	do	U. & C. Railway, Gas & Electric Co.	Gas.	596 38
2106	do	Standard Underground Cable Co.	Supplies.	6 50
2107	do	Sears, Roebuck & Co.	Putty.	4 00
2108	do	McMaster-Carr Supply Co.	Valves, etc.	25 85
2109	do	McCormicks' Confectionery.	Supplies.	12 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
2110	Aug. 24	Webber & Holmes.	Pipe, etc.	\$ 5 67
2111	do.	Prairie State Phosphate Co.	Phosphate rock.	140 31
2112	do.	Barker & Douglas.	Concrete work.	49 55
2113	do.	Odin Lumber Co.	Lumber.	9 24
2114	do.	Nichols & Shepard Co.	Bagger.	30 00
2115	do.	National Engraving Co.	Enchings.	4 25
2116	do.	The Albert Dickinson Co.	Seeds.	94 21
2117	do.	W. & L. E. Gurley.	Gauge.	22 50
2118	do.	The Beck Duplicator Co.	Films.	5 50
2119	do.	D. Van Nostrand Co.	Book.	1 25
2120	do.	The Ludlow Valve Mfg. Co.	Hydrants and valves.	63 69
2121	do.	Champaign & Urbana Water Co.	Pipe.	20 00
2122	do.	Martin Dupray.	Expenses.	8 50
2123	do.	F. C. Lincoln.	do.	41 22
2124	do.	S. T. Wallage.	do.	79 82
2125	Aug. 26	Vaughan's Seed Store.	Seeds.	19 50
2126	do.	W. J. Boehm.	Air pump and supplies.	57 25
2127	do.	The Boston Book Co.	Books.	12 38
2128	do.	J. W. Butler Paper Co.	Paper.	25 18
2129	do.	Champaign Seed Co.	Seeds.	62 98
2130	do.	Bacon Brothers.	Supplies.	14 20
2131	do.	D. H. Loyde.	Office supplies.	20 45
2132	do.	Jas. B. Clow & Sons.	Supplies.	33 89
2133	do.	Geo. B. Carpenter & Co.	Derrick and supplies.	84 35
2134	do.	Derrough & Co.	Supplies.	8 99
2135	do.	Automatic Electric Co.	Telephones, etc.	53 40
2136	do.	Eisner Grocery Co.	Supplies.	58 69
2137	do.	Green Street Pharmacy.	Drugs.	4 00
2138	do.	Wm. Hix.	Hauling and grading.	15 75
2139	do.	Lewis Electric Supply Co.	Supplies.	36 00
2140	do.	Leavitt Mfg. Co.	Beam and castings.	48 30
2141	do.	Western Electric Co.	Electric appliances.	114 43
2142	do.	R. C. Wagner & Son.	Use of team, etc.	95 60
2143	do.	W. W. Walls & Co.	Lumber, etc.	112 60
2144	do.	J. B. Bennett.	Sewer pipe.	24 00
2145	do.	L. C. Smith & Bros. Typewriter Co.	Machines and rentals.	202 50
2146	do.	Standard Oil Co.	Oil, etc.	87 67
2147	do.	Swift & Co.	Bone meal, etc.	95 86
2148	do.	Royal A. Stipes.	Gravel.	8 00
2149	do.	Twin City Printing Co.	Printing.	14 75
2150	do.	S. E. Huff & Co.	Lumber, etc.	97 55
2151	do.	The Burr Co.	Foundry work.	147 74
2152	do.	Twin City Roofing & Sheet Metal Co.	Tin, copper, etc.	69 50
2153	do.	E. H. Sargent & Co.	Laboratory supplies.	104 74
2154	do.	A. O. Magnuson.	Blue Prints, slides, etc.	203 87
2155	do.	Mittendorf & Kiler.	Furniture.	129 88
2156	do.	A. S. Nelson & Sons.	Groceries.	14 91
2157	do.	F. K. Robeson.	Dry goods.	83 29
2158	do.	The Saffell Co.	Hardware.	38 04
2159	do.	J. H. Doyle.	Hardware.	11 33
2160	do.	Central Electric Co.	Wire, conduits, etc.	101 46
2161	do.	J. C. Thomas.	Hardware, etc.	20 36
2162	do.	Illinois State Reformatory.	Printing.	250 75
2163	do.	P. F. Meharry.	Rent of extra horse.	13 00
2164	do.	P. Adams.	Hauling.	169 42
2165	Aug. 27	Margaret L. Bailey.	First payment on fellowship.	100 00
2166	do.	Margaret L. Bailey.	Second payment on fellowship.	100 00
2167	Aug. 28	F. M. Vanneman & Co.	Premium.	1 00
2168	do.	J. W. Lloyd.	Expenses.	8 89
2169	do.	J. C. Hoke.	do.	20 15
2170	do.	R. S. Hulce.	do.	4 18
2171	do.	H. E. Summers.	do.	11 98
2172	do.	F. M. Simpson.	do.	2 90
2173	do.	P. Adams.	Teaming.	15 00
2174	do.	H. N. Pell.	Straw.	16 50
2175	do.	A. F. Krueger.	Expenses.	20 27
2176	do.	John Harp.	Final payment on contract.	25 00
2177	do.	F. W. Muncie.	Expenses.	16 34
2178	do.	G. L. Peltier.	do.	13 84
2179	do.	Jas. Hutchinson.	do.	15 54
2180	do.	A. K. Nehrling.	do.	17 54
2181	do.	J. F. Cudahy.	Bull.	600 00
2182	do.	W. L. Mays.	Field expenses.	24 40
2183	do.	J. T. Hayes.	do.	10 00
2184	do.	F. W. Garrett.	Expenses.	76 81
2185	do.	O. S. Fisher.	do.	38 88
2186	do.	J. E. Readhimer.	do.	104 20
2187	do.	A. F. Gustafson.	do.	141 13
2188	do.	W. G. Clark.	do.	7 00

GENERAL UNIVERSITY WARRANTS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
2189	Aug. 28	W. F. Handsch.....	Expenses.....	\$ 10 25
2190	do.	J. B. Andrews.....	do.	24 76
2191	do.	Martin Dupray.....	do.	7 78
2192	do.	D. H. Stevenson.....	do.	36 20
2193	do.	H. W. Mumford.....	do.	50 14
2194	do.	F. Cunningham.....	Teaming.....	159 16
2195	do.	Sam Grimm.....	Butter.....	4 65
2196	do.	Wm. Roby.....	do.	7 44
2197	do.	Fred Weddige.....	do.	6 25
2198	do.	Twin City Creamery Co.....	do.	7 44
2199	do.	John Harp.....	Payment on contract.....	680 00
2200	do.	C. M. McComm.....	Expenses.....	18 01
2201	Aug. 31	D. A. Abrams.....	Salary, August, 1912.....	133 37
2202	do.	C. C. Adams.....	do.	125 00
2203	do.	R. M. Alden.....	do.	333 37
2204	do.	C. W. Alvord.....	do.	145 87
2205	do.	L. F. Anderson.....	do.	208 37
2206	do.	S. O. Andros.....	do.	125 00
2207	do.	G. F. Arps.....	do.	166 74
2208	do.	W. C. Bagley.....	do.	291 74
2209	do.	I. O. Baker.....	do.	333 37
2210	do.	E. C. Baldwin.....	do.	333 37
2211	do.	C. W. Balke.....	do.	150 00
2212	do.	J. T. Barrett.....	do.	166 74
2213	do.	H. J. Barton.....	do.	58 37
2214	do.	Edward Bartow.....	do.	250 00
2215	do.	W. T. Bayden.....	do.	291 74
2216	do.	W. S. Bayley.....	do.	208 37
2217	do.	F. C. Becht.....	do.	187 50
2218	do.	J. B. Beck.....	do.	166 74
2219	do.	B. W. Benedict.....	do.	166 74
2220	do.	E. J. Berg.....	do.	291 74
2221	do.	A. V. Blemlinger.....	do.	333 37
2222	do.	B. H. Bode.....	do.	333 37
2223	do.	E. L. Bogart.....	do.	250 00
2224	do.	R. L. Borger.....	do.	229 24
2225	do.	Morgan Brooks.....	do.	125 00
2226	do.	N. C. Brooks.....	do.	250 00
2227	do.	J. M. Bryant.....	do.	183 37
2228	do.	A. M. Buck.....	do.	150 00
2229	do.	S. J. Buck.....	do.	116 74
2230	do.	L. L. Burgess.....	do.	100 00
2231	do.	T. T. Burrill.....	do.	408 37
2232	do.	H. V. Carter.....	do.	166 74
2233	do.	A. P. Carman.....	do.	333 37
2234	do.	D. H. Carnahan.....	do.	208 37
2235	do.	F. W. Carpenter.....	do.	166 74
2236	do.	C. R. Clark.....	do.	150 00
2237	do.	T. A. Clark.....	do.	416 74
2238	do.	S. S. Colvin.....	do.	112 50
2239	do.	H. P. Corson.....	do.	70 00
2240	do.	A. R. Crathorne.....	do.	141 74
2241	do.	Florence R. Curtis.....	do.	100 00
2242	do.	R. S. Curtis.....	do.	208 37
2243	do.	A. H. Daniels.....	do.	250 00
2244	do.	W. B. Day.....	do.	100 00
2245	do.	E. H. Decker.....	do.	225 00
2246	do.	C. G. Derrick.....	do.	125 00
2247	do.	E. R. Dewsnup.....	do.	250 00
2248	do.	W. F. Dodd.....	do.	166 74
2249	do.	D. K. Dodge.....	do.	250 00
2250	do.	F. K. W. Drury.....	do.	166 74
2251	do.	F. O. Duntour.....	do.	166 74
2252	do.	J. C. Duncan.....	do.	216 74
2253	do.	Arnold Finch.....	do.	166 74
2254	do.	M. L. Enger.....	do.	166 74
2255	do.	J. A. Fairlee.....	do.	250 00
2256	do.	Mary E. Rawcett.....	do.	166 65
2257	do.	J. D. Fitz Gerald II.....	do.	208 37
2258	do.	V. R. Fleming.....	do.	125 00
2259	do.	G. T. Flom.....	do.	208 37
2260	do.	J. W. Folsom.....	do.	166 74
2261	do.	F. S. Foote.....	do.	150 00
2262	do.	S. A. Forbes.....	do.	41 74
2263	do.	G. S. Ford.....	do.	250 00
2264	do.	J. A. Frisk.....	do.	91 74
2265	do.	Edward Fulton.....	do.	175 00
2266	do.	J. W. Garner.....	do.	125 00
2267	do.	Nellie C. Geddes.....	do.	75 00



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
2268	Aug. 31	Julius Goebel.....	Salary, August, 1912.....	\$ 270 87
2269	do.	G. A. Goodenough.....	do.	250 00
2270	do.	W. F. M. Goss.....	do.	500 00
2271	do.	P. S. Goulding.....	do.	133 37
2272	do.	E. B. Greene.....	do.	187 50
2273	do.	Frederick Green.....	do.	291 74
2274	do.	T. H. Guild.....	do.	125 00
2275	do.	G. C. Habermeyer.....	do.	141 74
2276	do.	E. M. Halliday.....	do.	158 37
2277	do.	Paul Hansen.....	do.	229 24
2278	do.	O. A. Harker.....	do.	333 37
2279	do.	P. B. Hawk.....	do.	208 37
2280	do.	E. C. Hayes.....	do.	233 37
2281	do.	R. L. Henry.....	do.	208 37
2282	do.	Margaret Herdman.....	do.	65 00
2283	do.	Ralph Hilscher.....	do.	83 37
2284	do.	M. E. Hinds.....	do.	40 00
2285	do.	Jacob Hodnefield.....	do.	100 00
2286	do.	H. A. Hollister.....	do.	228 24
2287	do.	E. E. Hollman.....	do.	60 00
2288	do.	C. F. Hottes.....	do.	208 37
2289	do.	G. A. Huff.....	do.	250 00
2290	do.	Margaret Hutchins.....	do.	70 00
2291	do.	Helen Isham.....	do.	108 37
2292	do.	Edmund J. James.....	do.	1,000 00
2293	do.	C. E. Janvrin.....	do.	37 50
2294	do.	Alice Johnson.....	do.	70 00
2295	do.	Grimmell Jones.....	do.	125 00
2296	do.	H. S. V. Jones.....	do.	133 37
2297	do.	Emma R. Jutton.....	do.	100 00
2298	do.	J. B. Kaiser.....	do.	75 00
2299	do.	Margaret L. Kingsbury.....	do.	500 00
2300	do.	David Kinley.....	do.	208 37
2301	do.	C. T. Knipp.....	do.	208 37
2302	do.	Jakob Kunz.....	do.	150 00
2303	do.	E. K. Lake.....	do.	100 00
2304	do.	W. T. Langelier.....	do.	208 37
2305	do.	L. M. Larson.....	do.	150 00
2306	do.	P. B. Lauher.....	do.	208 37
2307	do.	O. E. Lessing.....	do.	45 00
2308	do.	O. A. Leutwiler.....	do.	216 74
2309	do.	Simon Litman.....	do.	166 74
2310	do.	Elizabeth Love.....	do.	200 00
2311	do.	E. B. Lytle.....	do.	55 00
2312	do.	David McFarland.....	do.	138 37
2313	do.	A. D. MacGillivray.....	do.	133 37
2314	do.	F. M. Mann.....	do.	208 37
2315	do.	F. W. Marquis.....	do.	333 37
2316	do.	J. M. Mathews.....	do.	150 00
2317	do.	G. H. Meyer.....	do.	133 37
2318	do.	Irene Miche.....	do.	208 47
2319	do.	G. A. Miller.....	do.	50 00
2320	do.	H. W. Miller.....	do.	250 00
2321	do.	W. S. Miller.....	do.	150 00
2322	do.	C. H. Mills.....	do.	125 00
2323	do.	H. F. Moore.....	do.	208 37
2324	do.	B. C. Morse.....	do.	208 37
2325	do.	C. M. Moss.....	do.	48 00
2326	do.	Gertrude E. Moulton.....	do.	250 00
2327	do.	W. A. Noyes.....	do.	83 37
2328	do.	W. A. Oldfather.....	do.	533 37
2329	do.	T. E. Oliver.....	do.	228 24
2330	do.	E. E. Paine.....	do.	208 37
2331	do.	S. W. Parr.....	do.	208 37
2332	do.	F. A. Patterson.....	do.	291 74
2333	do.	Adair Patton.....	do.	123 00
2334	do.	H. G. Paul.....	do.	291 74
2335	do.	A. S. Pease.....	do.	133 37
2336	do.	J. N. Pomeroy.....	do.	166 74
2337	do.	Anna M. Price.....	do.	208 37
2338	do.	C. R. Richards.....	do.	150 00
2339	do.	N. C. Ricker.....	do.	333 37
2340	do.	H. L. Rietz.....	do.	291 74
2341	do.	W. S. Robertson.....	do.	150 00
2342	do.	M. H. Robinson.....	do.	166 74
2343	do.	C. W. Rolfe.....	do.	250 00
2344	do.	T. E. Savage.....	do.	166 74
2345	do.	Olive F. Saxton.....	do.	83 37
2346	do.	E. C. Schmidt.....	do.	291 74

GENERAL UNIVERSITY WARRANTS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
2847	1912.	W. F. Schultz	Salary, August, 1912.	\$166 74
2848	do.	G. F. Schwartz	do.	158 37
2849	do.	F. W. Scott	do.	183 37
2850	do.	A. R. Seymour	do.	166 74
2851	do.	S. W. Shattuck	do.	316 74
2852	do.	J. B. Shaw	do.	166 74
2853	do.	S. P. Sherman	do.	266 74
2854	do.	Frances Simpson	do.	141 74
2855	do.	C. H. Sissam	do.	158 37
2856	do.	W. A. Slater	do.	116 74
2857	do.	Adelle C. Smith	do.	55 00
2858	do.	Frank Smith	do.	208 37
2859	do.	G. M. Smith	do.	125 00
2860	do.	J. E. Smith	do.	125 00
2861	do.	J. M. Snodgrass	do.	175 00
2862	do.	Joel Stebbins	do.	208 37
2863	do.	H. H. Stoeck	do.	100 00
2864	do.	W. G. Strongquist	do.	333 37
2865	do.	R. T. Stull	do.	208 37
2866	do.	A. H. Sutherland	do.	150 00
2867	do.	A. N. Tabot	do.	333 37
2868	do.	F. W. Tanner	do.	60 00
2869	do.	E. J. Townsend	do.	312 50
2870	do.	David Varon	do.	208 37
2871	do.	J. N. Veddler	do.	110 00
2872	do.	C. G. Verrier	do.	291 74
2873	do.	E. H. Waldo	do.	166 74
2874	do.	H. B. Ward	do.	333 37
2875	do.	A. R. Warnock	do.	125 00
2876	do.	E. W. Washburn	do.	166 74
2877	do.	F. R. Watson	do.	87 50
2878	do.	N. A. Wels	do.	208 37
2879	do.	J. M. Weston	do.	229 24
2880	do.	J. M. White	do.	229 24
2881	do.	A. S. Wilson	do.	166 74
2882	do.	P. L. Windsor	do.	250 00
2883	do.	L. M. Wormser	do.	333 37
2884	do.	Ola M. Wyeck	do.	153 37
2885	do.	T. D. Yensen	do.	75 00
2886	do.	Jacob Zeitlin	do.	100 00
2887	do.	Chas. Zeleeny	do.	125 00
2888	do.	Lilla M. Alexander	do.	208 37
2889	do.	W. E. Alley	do.	60 00
2890	do.	Winifred L. Amos	do.	85 00
2891	do.	Ethel Ash	do.	65 00
2892	do.	E. Atkinson	do.	50 00
2893	do.	Mary Blackwell	do.	141 74
2894	do.	L. A. Boice	do.	50 00
2895	do.	Ethyl Bradley	do.	108 37
2896	do.	Tabitha J. Broadhurst	do.	50 00
2897	do.	Ira M. Brown	do.	70 00
2898	do.	Sarah E. Bryan	do.	60 00
2899	do.	Illa B. Chandler	do.	60 00
2900	do.	Dennie A. Craig	do.	75 00
2901	do.	G. C. Crawford	do.	60 00
2902	do.	H. E. Cunningham	do.	111 74
2903	do.	C. E. Dalton	do.	45 00
2904	do.	L. C. Denlow	do.	45 87
2905	do.	Edith Emigh	do.	65 00
2906	do.	Frances M. Feind	do.	75 00
2907	do.	Viola C. Fraser	do.	55 00
2908	do.	Antonette Goetz	do.	65 00
2909	do.	Mabel F. Griffith	do.	60 00
2910	do.	Carmon F. Harnack	do.	55 00
2911	do.	Eliza Hart	do.	35 00
2912	do.	Nathaniel Hay	do.	166 74
2913	do.	Myrtle E. Heiler	do.	55 00
2914	do.	Josie B. Horchens	do.	70 00
2915	do.	A. H. Hull	do.	65 00
2916	do.	J. B. Hurdings	do.	150 00
2917	do.	Marie Jesser	do.	45 00
2918	do.	J. J. Johnson	do.	45 00
2919	do.	Gertrude Keech	do.	25 00
2920	do.	J. H. Kelley	do.	166 74
2921	do.	Nora Kerwan	do.	35 00
2922	do.	Aurelia Knapp	do.	55 00
2923	do.	A. R. Lee	do.	31 74
2924	do.	M. T. Lindsey	do.	25 00
2925	do.	Stella Lind	do.	85 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To Whom.	For What.	Amount.
2426	1912.			
Aug. 31		Desbie B. McAllister.....	Salary, August, 1912.....	\$ 40 00
2427	do.	C. M. McComm.....	do.....	233 33
2428	do.	Agnes McGurty.....	do.....	70 00
2429	do.	Jennie B. McMullen.....	do.....	40 00
2430	do.	L. Mae Manspeaker.....	do.....	83 37
2431	do.	Maudie E. Menaley.....	do.....	50 00
2432	do.	Rudolf Meseck.....	do.....	65 00
2433	do.	C. F. Miller.....	do.....	75 00
2434	do.	Lloyd Morey.....	do.....	85 00
2435	do.	J. A. Morrow.....	do.....	166 74
2436	do.	H. D. Oberdorfer.....	do.....	166 66
2437	do.	Elizabeth Pfeifer.....	do.....	50 00
2438	do.	F. W. Post.....	do.....	75 00
2439	do.	Harriet L. Postlewait.....	do.....	50 00
2440	do.	Mary H. Roberts.....	do.....	70 00
2441	do.	Nellie M. Robertson.....	do.....	55 00
2442	do.	Rose E. Ryan.....	do.....	50 00
2443	do.	Mary Scanlan.....	do.....	50 00
2444	do.	Anna L. Shepard.....	do.....	80 00
2445	do.	T. J. Showers.....	do.....	125 00
2446	do.	Sarra M. Slater.....	do.....	55 00
2447	do.	Berttram Smith.....	do.....	70 00
2448	do.	Jessie A. Smith.....	do.....	100 00
2449	do.	Mayne L. Smith.....	do.....	65 00
2450	do.	O. E. Staples.....	do.....	150 00
2451	do.	Alfred Steitz.....	do.....	75 00
2452	do.	E. T. Strong.....	do.....	95 00
2453	do.	Elizabeth Z. Swift.....	do.....	125 00
2454	do.	M. E. Thompson.....	do.....	85 00
2455	do.	Mary Torrance.....	do.....	55 00
2456	do.	L. J. Towne.....	do.....	55 00
2457	do.	G. P. Tuttle.....	do.....	150 00
2458	do.	Josephine A. Tyrell.....	do.....	83 37
2459	do.	Hazel B. Van Skiver.....	do.....	45 00
2460	do.	Lida E. Voigt.....	do.....	65 00
2461	do.	S. D. Watkins.....	do.....	60 00
2462	do.	H. T. Wyminger.....	do.....	52 50
2463	do.	Grace Maxwell.....	do.....	75 00
2464	do.	Miles Clements.....	do.....	45 87
2465	do.	Gertrude Johnson.....	do.....	55 00
2466	do.	E. Davenport.....	do.....	500 00
2467	do.	D. McIntosh.....	do.....	208 37
2468	do.	Helena M. Pincomb.....	do.....	133 37
2469	do.	C. C. Logan.....	do.....	150 00
2470	do.	Isabel Bevier.....	do.....	208 37
2471	do.	Nellie E. Goldwaite.....	do.....	150 00
2472	do.	Charlotte Gibbs.....	do.....	125 00
2473	do.	Harriet Rhaker.....	do.....	125 00
2474	do.	H. B. Dorrer.....	do.....	200 00
2475	do.	E. W. Bailey.....	do.....	150 00
2476	do.	C. E. Durst.....	do.....	125 00
2477	do.	A. H. Nehling.....	do.....	125 00
2478	do.	J. C. Blair.....	do.....	416 74
2479	do.	G. S. Crandall.....	do.....	291 74
2480	do.	J. L. Lloyd.....	do.....	266 74
2481	do.	B. S. Pickett.....	do.....	250 00
2482	do.	W. T. Crandall.....	do.....	125 00
2483	do.	H. E. McNatt.....	do.....	125 00
2484	do.	R. S. Hulce.....	do.....	83 37
2485	do.	J. P. Terry.....	do.....	75 00
2486	do.	N. W. Hepburn.....	do.....	175 00
2487	do.	O. A. Keller.....	do.....	83 37
2488	do.	R. E. Brand.....	do.....	150 00
2489	do.	W. J. Fraser.....	do.....	250 00
2490	do.	W. L. Burlison.....	do.....	100 00
2491	do.	C. G. Hopkins.....	do.....	100 00
2492	do.	J. G. Mosier.....	do.....	416 74
2493	do.	J. H. Smith.....	do.....	266 74
2494	do.	J. H. Pettit.....	do.....	250 00
2495	do.	Leonard Hegnauer.....	do.....	250 00
2496	do.	A. F. Gustafson.....	do.....	150 00
2497	do.	O. S. Fisher.....	do.....	125 00
2498	do.	E. M. McDonald.....	do.....	100 00
2499	do.	C. O. Reed.....	do.....	50 00
2500	do.	H. W. Stewart.....	do.....	125 00
2501	do.	F. C. Bauer.....	do.....	100 00
2502	do.	H. W. Munford.....	do.....	416 74
2503	do.	H. S. Grindley.....	do.....	141 74
2504	do.	W. C. Coffey.....	do.....	225 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
2505	1912.	L. D. Hall.	Salary, August, 1912.	\$225 00
2506	Aug. 21	Wm. Dietrich.	do.	200 00
2507	do.	H. P. Rusk.	do.	175 00
2508	do.	D. O. Barro.	do.	166 74
2509	do.	J. L. Edmonds.	do.	166 74
2510	do.	W. F. Handsch.	do.	150 00
2511	do.	H. H. Mitchell.	do.	125 00
2512	do.	W. H. Smith.	do.	100 00
2513	do.	J. J. Yoke.	do.	41 74
2514	do.	F. M. Simpson.	do.	100 00
2515	do.	A. W. Nolan.	do.	200 00
2516	do.	F. H. Rankin.	do.	250 00
2517	do.	W. B. Genert.	do.	100 00
2518	do.	J. B. Park.	do.	125 00
2519	do.	J. T. Fohl.	do.	70 00
2520	do.	W. R. Leighty.	do.	100 00
2521	do.	F. A. Fisher.	do.	70 00
2522	do.	Gertrude Niederman.	do.	83 37
2523	do.	W. H. Sachs.	do.	100 00
2524	do.	J. E. Whitchurch.	do.	125 00
2525	do.	J. P. Aumer.	do.	150 00
2526	do.	E. Van Aalstine.	do.	150 00
2527	do.	P. E. Karaker.	do.	70 00
2528	do.	H. C. Wheeler.	do.	125 00
2529	do.	S. V. Holt.	do.	70 00
2530	do.	F. M. W. Wascher.	do.	125 00
2531	do.	E. E. Hoskins.	do.	70 00
2532	do.	F. W. Garrett.	do.	200 00
2533	do.	J. E. Readhimer.	do.	60 00
2534	do.	A. J. Gunderson.	do.	100 00
2535	do.	W. A. Ruth.	do.	150 00
2536	do.	O. S. Watkins.	do.	83 37
2537	do.	L. E. Fogleson.	do.	150 00
2538	do.	W. L. Gaines.	do.	75 00
2539	do.	Grace Linder.	do.	75 00
2540	do.	Bessie Packard.	do.	75 00
2541	do.	Leonora Perry.	do.	191 74
2542	do.	B. E. Powell.	do.	50 00
2543	do.	Thomas Peel.	Wages, August, 1912.	65 00
2544	do.	Berton Hays.	do.	50 00
2545	do.	Geo. Baker.	do.	47 50
2546	do.	Wm. Kelley.	do.	47 50
2547	do.	T. E. Madison.	do.	45 00
2548	do.	Ed. Myers.	do.	47 50
2549	do.	Ralph Moray.	do.	75 00
2550	do.	Andrew Tornquist.	do.	35 00
2551	do.	C. B. Sayre.	do.	40 00
2552	do.	Frank Barrett.	do.	15 40
2553	do.	R. B. Snapp.	do.	50 00
2554	do.	Olive G. Reid.	do.	50 00
2555	do.	Roy Arto.	do.	20 00
2556	do.	Lucy M. Barro.	do.	47 50
2557	do.	Jesse Cook.	do.	75 00
2558	do.	Milo J. Conley.	do.	45 00
2559	do.	Robert Cook.	do.	47 50
2560	do.	Harold Dial.	do.	60 00
2561	do.	W. J. Engle.	do.	60 00
2562	do.	E. L. Emslinger.	do.	20 00
2563	do.	Ray McAdams.	do.	47 50
2564	do.	Fred Mooney.	do.	75 00
2565	do.	Fred Pine.	do.	52 50
2566	do.	M. D. Rose.	do.	83 33
2567	do.	W. L. Harry.	do.	70 00
2568	do.	Augusta D. Evans.	do.	54 25
2569	do.	R. J. Fieg.	do.	18 20
2570	do.	Zella Andrews.	do.	60 00
2571	do.	Wm. Pritchard.	do.	47 77
2572	do.	Ruth Burr.	do.	50 00
2573	do.	Ralph Hill.	do.	50 00
2574	do.	Florence Stoutzenberg.	do.	50 00
2575	do.	L. Utterback.	do.	50 00
2576	do.	A. J. Stoneburner.	do.	45 00
2577	do.	F. B. Richardson.	do.	33 86
2578	do.	L. B. Gilbert.	do.	20 47
2579	do.	W. M. Taylor.	do.	53 90
2580	do.	E. A. Schwing.	do.	30 36
2581	do.	Wesley Golden.	do.	48 30
2582	do.	H. A. Cate.	do.	21 17
2583	do.	do.	do.	21 17

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
2584	Aug. 31 1912.	M. E. MacGillivray	Wages, August, 1912.	\$ 32 25
2585	do.	Paul Utterback	do.	31 00
2586	do.	Hugh Hobart	do.	42 80
2587	do.	H. B. Ingalls	do.	45 00
2588	do.	H. A. Ruehe	do.	116 66
2589	do.	G. R. Brooks	do.	50 00
2590	do.	Louis Eschwazer	do.	50 00
2591	do.	H. N. Parker	do.	20 00
2592	do.	Harrison Noecker	do.	60 00
2593	do.	Elmer Roberts	do.	60 00
2594	do.	R. C. Glover	do.	65 00
2595	do.	C. G. Cox	do.	45 00
2596	do.	J. E. Thomas	do.	55 00
2597	do.	Chas. Rodgers	do.	45 00
2598	do.	John McNutt	do.	60 00
2599	do.	H. H. Wheeler	do.	55 00
2600	do.	Earl Meenach	do.	55 00
2601	do.	Winifred McIntosh	do.	10 00
2602	do.	Elmer Jenkins	do.	88 33
2603	do.	Wm. Hough	do.	32 50
2604	do.	M. C. Foss	do.	50 00
2605	do.	H. Foot	do.	47 50
2606	do.	T. P. Crawford	do.	50 00
2607	do.	Jas. Brown	do.	75 00
2608	do.	G. E. Brown	do.	45 00
2609	do.	Chas. Chapman	do.	60 00
2610	do.	E. C. Terdune	do.	55 00
2611	do.	Lawrence Engle	do.	44 63
2612	do.	Frank Lester	do.	45 15
2613	do.	Arthur Lumbrick	Salary, August, 1912.	66 00
2614	do.	Paul Davis	Wages, August, 1912.	31 25
2615	do.	W. W. Rash	do.	40 00
2616	do.	Orr Allyn	do.	40 00
2617	do.	W. L. Bennett	do.	65 00
2618	do.	W. T. Craig	do.	60 00
2619	do.	L. A. Hunter	do.	83 33
2620	do.	Will Patterson	do.	70 00
2621	do.	Alpha Tornquist	do.	45 00
2622	do.	E. M. Clark	do.	50 00
2623	do.	F. A. Pearson	do.	60 00
2624	do.	Cornelius Stocker	do.	75 00
2625	do.	A. W. Fischer	do.	83 33
2626	do.	A. F. Kreuger	do.	65 00
2627	do.	H. K. Balzer	do.	65 00
2628	do.	Earl Garver	do.	65 00
2629	do.	John Balcom	do.	50 00
2630	do.	R. C. Kastler	do.	50 00
2631	do.	W. W. Yapp	do.	70 00
2632	do.	Loretta White	do.	60 00
2633	do.	Lillian Smith	do.	60 00
2634	do.	Ethel Sharp	do.	35 00
2635	do.	Ruah Loveless	do.	50 00
2636	do.	H. E. Crouch	do.	100 00
2637	do.	Marie A. Gordon	do.	83 33
2638	do.	F. W. Muncie	do.	83 33
2639	do.	Jas. Hutchinson	do.	75 00
2640	do.	G. L. Peltier	do.	83 33
2641	do.	Grover Donohue	do.	45 00
2642	do.	Ralph Pritchard	do.	55 00
2643	do.	Harry Pritchard	do.	60 00
2644	do.	Hazel Rhoads	do.	60 00
2645	do.	Lewis Donohue	do.	55 00
2646	do.	Louie Prizzell	do.	50 00
2647	do.	W. R. Hall	do.	40 00
2648	do.	Ralph Chaplin	do.	45 00
2649	do.	Claude Harrolle	do.	60 00
2650	do.	Rose Hegenbart	do.	40 00
2651	do.	Pearley Cunningham	do.	75 00
2652	do.	F. C. Lincoln	do.	27 00
2653	do.	S. T. Wallace	Wages, July 18-Aug. 20, 1912.	180 00
2654	do.	F. H. Corlier	Wages, July 21-Aug. 31, 1912.	37 26
2655	do.	G. W. Porter	do.	10 50
2656	do.	H. H. Leuer	Wages, August, 1912.	55 00
2657	do.	C. M. Young	do.	150 00
2658	do.	Marion B. Gailaher	do.	150 00
2659	do.	J. T. Newsome	do.	40 00
2660	do.	J. C. Anderson	do.	60 00
2661	do.	C. A. Campbell	do.	60 00
2662	do.	C. C. Chapman	do.	83 33

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
2663	Aug. 31	R. W. Dicinson	Wages, August, 1912.	\$ 70 00
2664	do.	O. I. Ellis	do.	50 00
2665	do.	H. F. T. Fahrnkopf	do.	50 00
2666	do.	F. W. Gault	do.	80 00
2667	do.	G. E. Gentle	do.	52 50
2668	do.	H. C. Gilkerson	do.	50 00
2669	do.	G. M. Hinkley	do.	50 00
2670	do.	John Lankford	do.	60 00
2671	do.	C. L. Munroe	do.	50 00
2672	do.	Alice Reed	do.	50 00
2673	do.	Flora M. Sims	do.	83 33
2674	do.	R. S. Smith	do.	45 00
2675	do.	V. P. Smith	do.	45 00
2676	do.	Melvin Thomas	do.	65 00
2677	do.	E. F. Tagerson	do.	42 50
2678	do.	C. E. Wheelock	do.	60 00
2679	do.	A. L. Whiting	do.	100 00
2680	do.	John Woodard	do.	60 00
2681	do.	Emma L. Custer	do.	70 00
2682	do.	J. R. Kelley	do.	52' 50
2683	do.	W. A. McIntire	do.	50 00
2684	do.	Mary Millar	do.	65 00
2685	do.	Freda O. Stricklan	do.	65 00
2686	do.	Evalena Bowen	do.	65 00
2687	do.	Martin Dupray	do.	12 50
2688	do.	V. A. Place	do.	83 33
2687	do.	Roy Mount	do.	50 00
2690	do.	Geo. Nogle	do.	70 00
2691	do.	Elizabeth Pulling	do.	55 00
2692	do.	J. R. Wells	do.	50 00
2693	do.	J. B. Andrews	do.	45 00
2694	do.	J. S. Coffey	do.	28 85
2695	do.	H. L. Olin	Salary, July 24-Aug. 24, 1912.	50 00
2696	do.	Oliver Kamm	Salary, July 17-Aug. 17, 1912.	40 00
2697	do.	John Garman	Wages, August, 1912.	43 20
2698	do.	Vera Beyer	do.	45 00
2699	do.	C. I. Newlin	do.	57 89
2700	do.	Harry White	do.	29 75
2701	do.	Whitaker Mattoon	do.	40 25
2702	do.	Lucile Needham	do.	24 00
2703	do.	H. B. Ketzle	do.	125 00
2704	do.	B. L. Bowling	do.	70 00
2705	do.	Bertha States	do.	50 00
2706	do.	H. H. Dunn	do.	80 00
2707	do.	W. S. Goodspeed	do.	83 33
2708	do.	R. S. Sease	do.	50 00
2709	do.	L. S. Baldwin	do.	25 68
2710	do.	I. W. Fisk	do.	100 00
2711	do.	L. V. James	do.	100 00
2712	do.	G. H. Radenbaugh	do.	111 37
2713	do.	J. A. Wilson	do.	5 60
2714	do.	B. R. Ordonez	do.	22 88
2715	do.	D. L. Scroggin	do.	95 40
2716	do.	R. Hofstetter	do.	40 22
2717	do.	O. W. Van Petten	do.	26 40
2718	do.	G. H. Reilly	do.	25 37
2719	do.	Edward Berbaum	do.	64 35
2720	do.	C. L. Frinrock	do.	11 20
2721	do.	Daniel Vaubel	do.	15 00
2722	do.	J. S. Milnes	do.	80 50
2723	do.	Ralph Engle	do.	50 00
2724	do.	O. Kercher	do.	40 62
2725	do.	T. N. Jones	do.	48 03
2726	do.	C. R. Sinclair	do.	46 75
2727	do.	A. O. Magnuson	do.	80 00
2728	do.	Della Rogers	do.	25 00
2729	do.	K. G. Brown	do.	41 10
2730	do.	E. E. Fiero	do.	32 00
2731	do.	Martin Dupray	do.	62 50
2732	do.	F. C. Hare	do.	24 80
2733	do.	Nellie R. Roberts	do.	13 40
2734	do.	All Prickett	do.	15 60
2735	do.	Calvin White	do.	20 00
2736	do.	Pearl W. Ashton	do.	18 20
2737	do.	D. L. Geyer	do.	21 20
2738	do.	Marie Hubbard	do.	46 60
2739	do.	Alice V. Hamilton	do.	24 15
2740	do.	W. J. Broadhead	do.	17 76
2741	do.	W. C. Carr	do.	16 10

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
2742	Aug. 31, 1912.	A. Raut.	Wages, August, 1912.	\$ 35 00
2743	do.	J. K. Walton.	do.	14 53
2744	do.	K. A. McCaskill.	do.	37 80
2745	do.	Chester Turner.	do.	41 30
2746	do.	Arthur Turner.	do.	10 33
2747	do.	E. P. Hermann.	do.	45 00
2748	do.	E. H. Dobbins.	do.	27 13
2749	do.	Frank Fogarty.	do.	52 00
2750	do.	Wm. Fogarty.	do.	54 00
2751	do.	W. G. Hixon.	do.	49 40
2752	do.	Edward Hargan.	do.	69 40
2753	do.	Samuel Hanson.	do.	61 60
2754	do.	Frank Irvine.	do.	52 00
2755	do.	James Irvine.	do.	62 45
2756	do.	Arthur Moran.	do.	50 60
2757	do.	Louis Pro.	do.	51 30
2758	do.	John Snyder.	do.	53 00
2759	do.	A. Baumbarner.	do.	81 00
2760	do.	Ass. Dorman.	do.	81 00
2761	do.	B. L. Reed.	do.	49 40
2762	do.	A. Bevis.	do.	148 50
2763	do.	C. A. Denman.	do.	109 35
2764	do.	R. T. Stull.	do.	100 00
2765	do.	V. H. Cartwright.	do.	30 90
2766	do.	Varne Manley.	do.	31 25
2767	do.	R. K. Hursh.	do.	100 00
2768	do.	W. H. Bartells.	do.	69 30
2769	do.	W. H. Sellards.	do.	11 40
2770	do.	H. P. Ottman.	do.	55 80
2771	do.	Clyde Hamlin.	do.	30 97
2772	do.	Gordon Klein.	do.	41 65
2773	do.	H. M. Milzen.	do.	40 15
2774	do.	D. B. Walker.	do.	24 65
2775	do.	Walter Pollitt.	do.	44 00
2776	do.	H. F. Gorneman.	do.	77 42
2777	do.	B. L. Morehouse.	do.	85 00
2778	do.	Robert Pergande.	do.	86 00
2779	do.	Ethel Manley.	do.	80 75
2780	do.	Daniel Vanbel.	do.	27 20
2781	do.	Marlene E. Sparks.	do.	49 80
2782	do.	Leroy Lang.	Salary, August, 1912.	57 53
2783	do.	Florence E. Smith.	Salary Aug. 20-31, 1912.	22 00
2784	do.	Anos Wright.	Wages, August, 1912.	82 80
2785	do.	Wm. Langhoff.	do.	42 00
2786	do.	E. Elvyn Bradley.	do.	17 00
2787	do.	C. W. Hudson.	do.	18 20
2788	do.	Don Summers.	do.	32 30
2789	do.	Wesley Wilson.	do.	63 80
2790	do.	Wm. Wilde.	do.	69 00
2791	do.	Wm. Wascher.	do.	69 00
2792	do.	August Warbler.	do.	63 80
2793	do.	J. H. Vandewater.	do.	95 60
2794	do.	I. F. Tillison.	do.	95 60
2795	do.	B. L. Throp.	do.	63 40
2796	do.	Wm. Temple.	do.	58 60
2797	do.	C. L. Struble.	do.	74 25
2798	do.	Frank Staeleor.	do.	28 80
2799	do.	D. C. Sprinkle.	do.	63 40
2800	do.	W. J. Smith.	do.	52 00
2801	do.	Ed. Richards.	do.	102 00
2802	do.	S. A. Porter.	do.	74 25
2803	do.	Louis Obrant.	do.	63 40
2804	do.	Dean Summers.	do.	12 40
2805	do.	J. R. Newton.	do.	88 80
2806	do.	Jesse Myers.	do.	75 44
2807	do.	Elizabeth Muhleman.	do.	61 87
2808	do.	M. W. Murphy.	do.	35 35
2809	do.	Ruth E. Murphy.	do.	98 35
2810	do.	J. E. Morgan.	do.	52 00
2811	do.	John Miller.	do.	52 40
2812	do.	Dan Menely.	do.	58 80
2813	do.	J. L. Martin.	do.	19 60
2814	do.	A. J. McAlister.	do.	71 76
2815	do.	Wm. Leach.	do.	78 00
2816	do.	A. Langhoff.	do.	76 20
2817	do.	E. W. Justus.	do.	108 00
2818	do.	Walter Jones.	do.	56 80
2819	do.	Chas. Hill.	do.	88 60
2820	do.	B. L. Holforty.	do.	88 60

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
2821	1912.			
Aug. 31		Harry Higgins.....	Wages, August, 1912.....	\$ 76 20
2822	do. do.	F. O. Henderson.....	do.....	100 80
2823	do. do.	C. H. Havens.....	do.....	108 40
2824	do. do.	Gay Fox.....	do.....	68 10
2825	do. do.	J. C. Fiscus.....	do.....	92 00
2826	do. do.	Louis Fender.....	do.....	66 00
2827	do. do.	Fred Fender.....	do.....	71 24
2828	do. do.	Thos. J. Fay.....	do.....	93 00
2829	do. do.	Howard Downing.....	do.....	54 45
2830	do. do.	E. P. Dibble.....	do.....	74 40
2831	do. do.	Pete Davis.....	do.....	60 66
2832	do. do.	F. Crathome.....	do.....	78 00
2833	do. do.	J. S. Clark.....	do.....	92 00
2834	do. do.	John Celnuskey.....	do.....	52 60
2835	do. do.	Thos. Butler.....	do.....	44 40
2836	do. do.	John Brannagan.....	do.....	73 08
2837	do. do.	Jas. Brannagan.....	do.....	13 40
2838	do. do.	M. C. Boelter.....	do.....	80 40
2839	do. do.	Geo. Boyer.....	do.....	66 00
2840	do. do.	A. J. Boker.....	do.....	90 00
2841	do. do.	W. M. Birdzell.....	do.....	33 12
2842	do. do.	Wm. Beacher.....	do.....	55 60
2843	do. do.	C. A. Dunsath.....	do.....	91 60
2844	do. do.	W. H. Clark.....	do.....	98 00
2845	do. do.	V. R. Barnes.....	do.....	92 00
2846	do. do.	P. Adams.....	do.....	3 00
2847	do. do.	C. E. Arrington.....	do.....	62 40
2848	do. do.	W. M. Atwell.....	do.....	57 00
2849	do. do.	J. E. Bailey.....	do.....	62 00
2850	do. do.	R. W. Baldwin.....	do.....	55 60
2851	do. do.	Harry Brown.....	do.....	62 00
2852	do. do.	Basil Brown.....	do.....	56 40
2853	do. do.	D. M. Bullock.....	do.....	67 60
2854	do. do.	Jos. Davis.....	do.....	53 20
2855	do. do.	J. J. Fiscus.....	do.....	29 60
2856	do. do.	C. Y. Freeman.....	do.....	59 20
2857	do. do.	W. H. Graybeal.....	do.....	62 00
2858	do. do.	Sell Hamlin.....	do.....	52 00
2859	do. do.	Ross Hutton.....	do.....	53 40
2860	do. do.	P. S. Jeffers.....	do.....	59 60
2861	do. do.	Margaret Jones.....	do.....	41 60
2862	do. do.	J. A. J. Khem.....	do.....	59 00
2863	do. do.	Fred Langhoff.....	do.....	54 60
2864	do. do.	E. C. Lewis.....	do.....	71 80
2865	do. do.	A. C. Litton.....	do.....	56 80
2866	do. do.	Thos. Long.....	do.....	69 07
2867	do. do.	Frances E. McClughen.....	do.....	41 60
2868	do. do.	Jas. McCullough.....	do.....	54 80
2869	do. do.	H. E. Manorey.....	do.....	59 60
2870	do. do.	O. E. Meenach.....	do.....	56 20
2871	do. do.	C. M. Miller.....	do.....	34 60
2872	do. do.	Utah Moreland.....	do.....	58 00
2873	do. do.	Rebecca Morgan.....	do.....	41 60
2874	do. do.	Jacob Mikolans.....	do.....	62 00
2875	do. do.	Frank Perry.....	do.....	22 80
2876	do. do.	J. F. Purkins.....	do.....	54 80
2877	do. do.	Wm. Quinn.....	do.....	67 60
2878	do. do.	A. Servis.....	do.....	49 00
2879	do. do.	Geo. Toy.....	do.....	54 40
2880	do. do.	Geo. Turner.....	do.....	54 00
2881	do. do.	Henry Turner.....	do.....	57 80
2882	do. do.	Ed. Wharmby.....	do.....	56 60
2883	do. do.	D. R. Hull.....	do.....	10 00
2884	do. do.	Clarence Scholl.....	Salary, August, 1912.....	60 00
2885	do. do.	Geo. Rost.....	Butter.....	4 69
2886	do. do.	Spring Valley Creamery Co.....	do.....	4 90
2887	do. do.	F. R. Palmer.....	do.....	5 25
2888	do. do.	M. J. Labner.....	do.....	5 46
2889	do. do.	Geo. Deardorf.....	do.....	4 67
2890	do. do.	Abingdon Creamery Co.....	do.....	4 68
2891	do. do.	Dewitt Smith.....	do.....	5 04
2892	do. do.	W. F. Conway.....	do.....	5 25
2893	do. do.	Reno Equity Exchange.....	do.....	4 56
2894	do. do.	M. E. Simonson.....	do.....	7 68
2895	do. do.	A. J. Spohn.....	do.....	7 92
2896	do. do.	Chas. Fildes.....	do.....	4 65
2897	do. do.	J. R. Newberry.....	do.....	7 65
2898	do. do.	G. A. Cutler.....	do.....	5 25
2899	do. do.	L. R. Weckatley.....	do.....	5 25



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
2900	Aug. 31	W. R. Olinger.....	Butter.....	\$ 2 05
2901	do.	O. W. Albright.....	do.....	5 05
2902	do.	J. C. Anderson.....	do.....	7 33
2903	do.	B. Winchester.....	Wages, August, 1912.	44 40
2904	do.	Theodore Frison.....	do.....	24 00
2905	do.	Wesley Hoffman.....	do.....	93 60
2906	do.	Frank Hardy.....	do.....	72 00
2907	do.	H. O. Smith.....	do.....	52 50
2908	do.	H. E. Crouch.....	Balance, August, 1912.	15 00
2909	do.	H. F. Rhodes.....	Wages, August, 1912.	85 00
2910	do.	E. G. Misner.....	do.....	85 00
2911	do.	D. S. Fox.....	do.....	85 00
2912	do.	C. E. Ladd.....	do.....	85 00
2913	do.	L. D. Lahr.....	do.....	22 37
2914	do.	J. J. Harbert.....	do.....	58 80
2915	do.	H. T. Lundquist.....	Salary, August, 1912.	50 00
2916	do.	G. E. Wright.....	Wages, August, 1912.	113 25
2917	do.	O. P. Smith.....	do.....	81 00
2918	do.	R. S. Gregg.....	do.....	50 75
2919	do.	B. F. Taber.....	do.....	59 16
2920	do.	Meeker-Magner Co.....	Premium.....	240 00
2921	do.	S. W. Shattuck.....	Expenses.....	19 39
2922	do.	R. C. Wagner & Son.....	Coal.....	40 05
2923	do.	Hoagland's Livery & Garage.....	Livery.....	48 25
2924	do.	A. F. Krueger.....	Expenses.....	19 36
2925	do.	H. C. Wheeler.....	do.....	108 55
2926	do.	H. F. T. Fahrnkopf.....	do.....	35 14
2927	do.	H. C. Gilkerson.....	Expenses.....	38 61
2928	do.	Flora M. Sims.....	do.....	6 14
2929	do.	Jas. Swangle.....	Cement work.....	36 00
2930	do.	German Kali Works.....	Sulphate of potash.....	197 48
2931	do.	G. J. Pfeffer.....	Corn.....	353 65
2932	do.	J. L. Edmonds.....	Expenses.....	6 09
2933	do.	Ralph Hilscher.....	do.....	20 37
2934	do.	Edward Bartow.....	do.....	87 93
2935	do.	W. G. Stromquist.....	do.....	14 17
2936	do.	W. C. Zimmerman.....	Services.....	3,000 00
2937	do.	V. Jobst & Sons.....	Labor.....	32 00
2938	do.	Allie Lamb.....	Wages, August, 1912.	45 00
2939	Sept. 3	V. Jobst & Sons.....	Payment on contract.....	18,912 50
2940	do.	McKey & Poague, Agents.....	Rent for September, 1912.	500 00
2941	Sept. 4	J. V. Stevenson.....	Expenses.....	10 32
2942	do.	Lindsey Reese.....	do.....	6 90
2943	do.	A. W. Nolan.....	do.....	44 13
2944	do.	Augusta D. Evans.....	do.....	14 60
2945	do.	Nelle Dickinson.....	Services.....	30 00
2946	do.	J. D. White.....	Payment on contract.....	542 50
2947	do.	C. E. Ladd.....	Expenses.....	27 81
2948	do.	A. W. Fischer.....	do.....	34 02
2949	do.	D. S. Fox.....	do.....	28 50
2950	do.	John Balcom.....	do.....	15 44
2951	do.	H. F. Rhodes.....	do.....	26 81
2952	do.	W. J. Fraser.....	do.....	82 54
2953	do.	G. Misner.....	do.....	35 98
2954	do.	F. A. Pearson.....	do.....	90 87
2955	do.	B. L. Bowling.....	Wages, August, 1912.	28 00
2956	do.	The Snoad & Co. Iron Works.....	Wall ranges.....	615 00
2957	do.	T. P. Sifford.....	Field expenses.....	39 30
2958	do.	H. A. Aldrich.....	do.....	23 21
2959	do.	C. E. Durst.....	do.....	9 52
2960	do.	W. S. Perrine.....	Expenses.....	27 30
2961	do.	Central Architectural Iron Works.....	Iron work.....	225 00
2962	do.	H. P. Rusk.....	Expenses.....	38 48
2963	do.	S. T. Wallage.....	do.....	4 00
2964	do.	J. M. Lindgren.....	Analyses.....	27 50
2965	do.	H. A. Hollister.....	Expenses.....	20 69
2966	do.	L. A. Fulwider.....	do.....	9 98
2967	do.	S. V. Holt.....	do.....	144 34
2968	do.	J. R. Wells.....	do.....	38 05
2969	do.	W. F. Handschin.....	do.....	8 61
2970	do.	S. C. Skemp.....	Wages, August, 1912.	15 00
2971	Sept. 5	H. A. Winter.....	Services.....	60 00
2972	do.	K. J. T. Ekblaw.....	Expenses.....	16 05
2973	do.	P. S. Haner.....	Expenses and services.....	14 94
2974	do.	J. P. Stout.....	Services.....	15 00
2975	do.	D. O. Barto.....	Expenses.....	6 25
2976	do.	H. A. McKeene.....	Expenses and services.....	13 44
2977	do.	J. H. Carter.....	Field expenses.....	74 00
2978	do.	W. H. Calliher.....	do.....	56 68

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
2979	Sept. 5	B. S. Pickett.....	Expenses.....	\$ 35 64
2980	do.	O. S. Watkins.....	do.	64 11
2981	do.	E. B. Walton.....	do.	109 88
2982	do.	Wm. Aten, Sr.....	Field expenses.....	21 49
2983	do.	Frank Morgan.....	do.	67 50
2984	do.	A. Rettinghouse.....	Road oil.....	10 50
2985	do.	G. C. Willis.....	Cotton.....	5 00
2986	do.	Western Electric Co.....	Electrical appliances.....	89 50
2987	do.	Vaughans Seed Store.....	Seeds.....	19 55
2988	do.	Buffalo Meter Co.....	Meters.....	114 90
2989	do.	Illinois State Penitentiary.....	Furniture and brooms.....	113 50
2990	do.	Woldenberg & Schaar.....	Laboratory supplies.....	290 70
2991	do.	W. A. Beasley.....	Labor and materials.....	93 28
2992	do.	Joseph T. Ryerson & Son.....	Steel, etc.....	23 83
2993	do.	Bennetts Newspaper & Magazine Agency.....	Subscription and books.....	11 80
2994	do.	Standard Oil Co.....	Oil and tank.....	42 35
2995	do.	The Garlock Packing Co.....	Packings.....	87 88
2996	do.	General Electric Co.....	Supplies.....	15 19
2997	do.	Crane Co.....	Pipe, valves, etc.....	360 22
2998	do.	Eugene Dietzgen Co.....	Drawing stand and paper.....	23 10
2999	do.	The Foley Mfg. Co.....	Material and labor.....	2,000 00
3000	do.	D. R. Lee.....	Silage.....	49 50
3001	do.	The Champaign Daily Gazette.....	Advertising.....	3 82
3002	do.	Central Electric Co.....	Electrical supplies.....	142 40
3003	do.	S. E. Ore.....	Wages, August, 1912.....	24 20
3004	do.	H. R. Fishback.....	Wages, July 21 to September 6, 1912.....	55 20
3005	Sept. 6	H. Cherry.....	Milk.....	1 25
3006	do.	R. W. Graham.....	do.	9 27
3007	do.	T. N. Burwash.....	do.	7 13
3008	do.	J. M. Stickrod.....	do.	31 80
3009	do.	P. P. Dunn.....	do.	9 40
3010	do.	E. W. Smalley.....	do.	7 89
3011	do.	J. H. Schwengel.....	do.	14 09
3012	do.	Jas. Freeman.....	do.	8 12
3013	do.	Geo. Taylor.....	do.	8 42
3014	do.	John Weiss.....	do.	15 20
3015	do.	C. Allen.....	do.	3 10
3016	do.	T. A. McCracken.....	do.	2 66
3017	do.	J. A. R. Koch.....	do.	7 92
3018	do.	A. W. McDaniels.....	do.	7 47
3019	do.	I. H. Gordon.....	do.	8 65
3020	do.	W. E. Yount.....	do.	11 95
3021	do.	W. H. Gray.....	do.	5 48
3022	do.	S. Atchison.....	do.	3 52
3023	do.	E. F. Lyons.....	do.	8 70
3024	do.	O. W. Hampton.....	do.	6 19
3025	do.	Fred Thompson.....	do.	8 15
3026	do.	W. H. Webb.....	do.	2 46
3027	do.	A. G. Guard.....	do.	1 47
3028	do.	J. B. Salliday.....	do.	18 25
3029	do.	M. Leigh.....	do.	5 43
3030	do.	G. H. Spencer.....	do.	2 88
3031	do.	A. G. Krukewitt.....	do.	2 60
3032	do.	J. M. Herriott.....	do.	13 02
3033	do.	C. C. Rayburn.....	do.	3 16
3034	do.	T. P. Lyons.....	do.	12 92
3035	do.	J. E. Henderson.....	do.	5 20
3036	do.	C. C. Gordon.....	do.	12 25
3037	do.	G. M. Seeber.....	do.	10 38
3038	do.	H. I. Nelson.....	do.	3 70
3039	do.	A. R. Grindley.....	do.	4 99
3040	do.	Van Carter.....	do.	8 56
3041	do.	J. H. Umbanhower.....	do.	5 43
3042	do.	J. W. Anderson.....	do.	3 72
3043	do.	D. W. Shiveley.....	do.	17 24
3044	do.	W. W. Meyer.....	do.	8 59
3045	do.	R. A. Lumsden.....	do.	6 30
3046	do.	G. F. Diefenbach.....	do.	4 76
3047	do.	C. A. Fogel.....	do.	14 95
3048	do.	W. C. Welch.....	do.	6 10
3049	do.	W. D. Rohl.....	do.	18 95
3050	do.	E. R. Canady.....	do.	6 49
3051	do.	John McCullough.....	do.	6 90
3052	do.	E. J. Percival.....	do.	5 41
3053	do.	David Wilkins.....	do.	6 60
3054	do.	Geo. Herriott.....	do.	14 19
3055	do.	C. W. Hamm.....	do.	2 73
3056	do.	H. J. Moorehouse.....	do.	15 68

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount
	1912.			
3057	Sept. 6	T. M. Ghere.	Milk.	\$ 15 90
3058	do.	W. F. Hampton.	do.	2 10
3059	do.	W. H. Besore.	do.	7 79
3060	do.	W. H. Frame.	do.	8 51
3061	do.	W. J. Wilson.	do.	2 94
3062	do.	E. S. Hays.	do.	2 24
3063	do.	Mrs. I. Ellrott.	do.	13 86
3064	do.	D. S. Herriott.	do.	7 70
3065	do.	John Godsell.	do.	7 21
3066	do.	Pearl Hazen.	do.	14 70
3067	do.	R. S. McInnes.	do.	8 54
3068	do.	S. Guinn.	do.	6 72
3069	do.	F. H. Busey.	do.	15 24
3070	do.	Burt Rayburn.	do.	11 69
3071	do.	L. F. Lindsey.	do.	8 09
3072	do.	G. C. Gordon.	do.	6 44
3073	do.	G. W. Van Meter.	do.	16 63
3074	do.	Frank Knox.	do.	12 43
3075	do.	H. M. Corray.	do.	3 92
3076	do.	J. E. Haney.	do.	18 48
3077	do.	J. M. Smith.	do.	14 63
3078	do.	J. B. Marsh.	do.	1 06
3079	do.	Mrs. Cora Stacker.	do.	2 99
3080	do.	J. C. Anderson.	do.	7 00
3081	do.	J. F. Hay.	do.	10 32
3082	do.	C. J. Gillespie.	do.	10 89
3083	do.	B. Jordan.	do.	13 16
3084	do.	L. P. Rayburn.	do.	7 16
3085	do.	H. Buhs.	do.	4 32
3086	do.	E. P. Grove.	do.	15 00
3087	do.	E. Grove.	do.	11 20
3088	do.	Len Rayburn.	do.	14 95
3089	do.	H. C. Kaufman.	do.	9 08
3090	do.	Geo. Schiff.	do.	15 93
3091	do.	A. F. Dyson.	do.	5 14
3092	do.	C. Ross.	do.	12 40
3093	do.	Lou Creiger.	do.	13 83
3094	do.	T. F. Jordan.	do.	25 53
3095	do.	R. T. Lumsden.	do.	1 44
3096	do.	F. W. Taylor.	do.	6 46
3097	do.	H. Wascher.	do.	21 82
3098	do.	Nicholas Hahn.	do.	14 86
3099	do.	S. Herriott.	do.	2 71
3100	do.	W. J. Collins.	do.	3 05
3101	do.	L. B. Souder.	Rug cleaned.	1 75
3102	do.	Sears, Roebuck & Co.	Oil.	10 00
3103	do.	L. F. Nafis.	Bottles.	20 83
3104	do.	Electric Coal Co.	Coal.	49 21
3105	do.	O. Douglass.	Butter culture.	1 50
3106	do.	S. E. Dillavou.	Supplies.	5 90
3107	do.	The Julia F. Burnham Hospital.	Room and board.	369 50
3108	do.	Creamery Package Mfg. Co.	Supplies.	9 00
3109	do.	J. B. Bennett.	Drain.	10 00
3110	do.	The Homestead Co.	Books.	100 05
3111	do.	J. H. Rice & Co.	Glass.	26 13
3112	do.	The Saffell Co.	Hardware.	58 18
3113	do.	Stafford Engraving Co.	Half-tones.	18 15
3114	do.	The Miller Harness Co.	Harness sundries.	12 05
3115	do.	Link Belt Co.	Chain.	16 55
3116	do.	W. T. Littig & Co.	Photogravures.	5 00
3117	do.	W. Lewis & Co.	Supplies.	4 80
3118	do.	Eagle Machine Works.	Carnation supports.	14 50
3119	do.	Derrough & Co.	Supplies.	1 75
3120	do.	Champaign Gas & Electric Supply Co.	Bushings.	2 10
3121	do.	Campbell & Spalding.	Horse shoeing.	41 50
3122	do.	Chicago Retort & Fire Brick Co.	Fire brick.	246 51
3123	do.	P. Adams.	Labor.	33 00
3124	do.	Electric Appliance Co.	Motors.	48 30
3125	do.	Geo. B. Carpenter & Co.	Shades.	11 20
3126	do.	W. J. Boehm.	Laboratory apparatus.	21 05
3127	do.	Baker & Co., Inc.	Supplies.	4 83
3128	do.	National Carbon Co.	Carbons.	15 78
3129	do.	Stock Yards Harness & Saddlery Co.	Harness.	63 00
3130	do.	Hoaglands Livery & Garage.	Livery.	10 50
3131	do.	The American Jersey Cattle Club.	Entry fees.	4 00
3132	do.	H. Mueller Mfg. Co.	Calking irons.	5 10
3133	do.	Whiting Foundry Equipment Co.	Motor, trolley and bridge.	617 50
3134	do.	The American Contractor.	Advertising.	2 85
3135	do.	Automatic Electric Co.	Electric appliances.	63 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For whom	Amount.
	1912.			
3136	Sept. 6	The United States Aluminum Co.....	Tubing.....	\$ 1 35
3137	..do..	The Chas. A. Sterling r Co.....	Laboratory tools.....	26 43
3138	..do..	Schaffer & Budenberg Mfg. Co.....	Tachometer.....	42 00
3139	..do..	Lucien Wheatly.....	Supplies.....	2 10
3140	..do..	Best Mfg. Co.....	Pipe and valves.....	244 10
3141	..do..	Kinsey & Mahler Co.....	Castings.....	12 67
3142	..do..	International Acheson Graphite Co.....	Electrode.....	3 86
3143	..do..	Chandler & Taylor Co.....	Engine.....	240 00
3144	..do..	New York Incandescent Lamp Co.....	Lamps.....	40 00
3145	..do..	Johnson Brothers.....	Pipe.....	8 83
3146	..do..	Chivers Book Binding Co., Inc.....	Books.....	1 02
3147	..do..	The Willis Music Co.....	..do.....	6 26
3148	..do..	Scientific American.....	..do.....	2 50
3149	..do..	A. C. McClurg & Co.....	..do.....	69 22
3150	..do..	Lemcke & Buechner.....	..do.....	37 80
3151	..do..	The Springfield Evening News.....	Advertising.....	9 50
3152	..do..	Illinois State Journal Co.....	..do.....	9 50
3153	..do..	The Macmillan Co.....	Books.....	1 93
3154	..do..	Flanagan-Pearson Co.....	Printing.....	295 63
3155	..do..	The Garden City Sand Co.....	Sand.....	75 00
3156	..do..	National Core Oil Co.....	Oil.....	19 31
3157	..do..	The Manual Arts Press.....	Advertising.....	10 00
3158	..do..	Morris & Co.....	Fertilizer.....	105 92
3159	..do..	Central Scientific Co.....	Wire screen.....	17 15
3160	..do..	Swift & Co.....	Fertilizer.....	43 35
3161	..do..	The Ohio & Western Lime Co.....	Lime.....	7 00
3162	..do..	Chicago Fire Proof Storage Warehouse.....	Storage.....	3 00
3163	..do..	Irving-Pitt Mfg. Co.....	Supplies.....	1 80
3164	..do..	Builders Iron Foundry.....	Color outfit.....	26 00
3165	..do..	O. E. Staples, Chief Clerk.....	Freight bills.....	67 37
3166	..do..	O. E. Staples, Chief Clerk.....	..do.....	269 29
3167	..do..	O. E. Staples, Chief Clerk.....	Men's payroll.....	540 25
3168	..do..	O. E. Staples, Chief Clerk.....	Student's payroll.....	685 66
3169	..do..	O. E. Staples, Chief Clerk.....	Express.....	65 88
3170	..do..	O. E. Staples, Chief Clerk.....	Sundry bills.....	62 65
3171	..do..	John Harp.....	Payment on contract.....	340 00
3172	Sept. 7	C. C. Logan.....	Expenses.....	31 59
3173	..do..	The Studebaker Corporation of America.....	Surrey.....	225 00
3174	..do..	John McCullough.....	Corn.....	76 00
3175	..do..	G. A. Garrison.....	Straw and oats.....	192 23
3176	..do..	E. S. Good.....	Expenses.....	34 23
3177	..do..	Cushman Motor Works.....	Gasoline engine.....	75 09
3178	..do..	F. R. Anderson.....	Livery.....	40 50
3179	..do..	The Construction News Co.....	Advertising.....	1 80
3180	..do..	G. E. Stechert & Co.....	Books.....	307 45
3181	..do..	G. E. Stechert & Co.....	..do.....	280 35
3182	..do..	The Commercial News.....	Advertising.....	13 20
3183	..do..	E. Van Alstine.....	Expenses.....	14 36
3184	..do..	Rance Sutton.....	Field expenses.....	41 71
3185	..do..	F. W. Gault.....	Expenses.....	202 98
3186	..do..	Albert Tate.....	Field expenses.....	51 12
3187	..do..	P. D. Long.....	..do.....	76 30
3188	..do..	Pantagraph Printing & Stationery Co.....	Printing.....	494 50
3189	..do..	Reliable Plumbing & Heating Co.....	Pipe and fittings.....	139 54
3190	..do..	The Burr Co.....	Foundry work.....	80 42
3191	..do..	Percival & Moorehead.....	Supplies.....	16 00
3192	..do..	Lewis Electric Supply Co.....	Electric supplies.....	22 91
3193	..do..	S. E. Huff & Co.....	Lumber, etc.....	196 05
3194	..do..	Chas. A. Hall Hardware Co.....	Hardware, etc.....	26 80
3195	..do..	Saffell Co.....	..do.....	47 28
3196	..do..	Jas. B. Clow & Sons.....	Pipe, etc.....	56 54
3197	..do..	Knowlton & Bennett.....	Drugs, etc.....	24 35
3198	..do..	The U. of I. Supply Store.....	Office supplies.....	97 24
3199	..do..	Twin City Roofing & Sheet Metal Works.....	Tin roofing, etc.....	425 75
3200	..do..	B. A. Strauch.....	Slides, etc.....	40 45
3201	..do..	D. H. Lloyd.....	Office supplies.....	104 14
3202	Sept. 9	L. J. Towne.....	Expenses.....	44 29
3203	..do..	H. A. Hollister.....	..do.....	13 59
3204	Sept. 10	Woldenberg & Schaar.....	Laboratory supplies.....	367 70
3205	..do..	Eimer & Amend.....	..do.....	398 15
3206	..do..	Otto Rahn.....	Expenses.....	13 92
3207	..do..	Simplex Time Recorder Co.....	Records.....	125 00
3208	..do..	J. W. Dunlap.....	Payment on contract.....	125 00
3209	..do..	The Tablet & Ticket Co.....	Labels.....	7 18
3210	..do..	E. P. Reichhelm & Co., Inc.....	Furnace.....	120 00
3211	..do..	C. J. Welch.....	Concrete work.....	505 82
3212	..do..	The Fuel Publishing Co.....	Advertising.....	10 00
3213	..do..	A. Pixley.....	Hardware, etc.....	102 40
3214	..do..	Southern Illinois Lumber Co.....	Lumber, etc.....	408 61

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
3215	Sept. 10	H. P. Corson	Expenses	\$ 3 82
3216	..do.	J. W. Butler Paper Co.	Paper	27 63
3217	..do.	E. H. Sargent & Co.	Laboratory supplies	462 81
3218	..do.	F. K. Robeson	Dry goods, etc.	180 60
3219	..do.	Leavitt Mfg. Co.	Foundry work	268 49
3220	Sept. 11	Forest Glen Creamery Co.	Butter	4 40
3221	..do.	W. D. Messinger & Co.	Paper	31 53
3222	..do.	White Line Steam Laundry	Washing	14 11
3223	..do.	Ward Brothers	Binders	9 00
3224	..do.	Alexander H. Revell & Co.	Furniture	42 00
3225	..do.	W. A. Freschke	Printing	8 00
3226	..do.	J. V. Stevenson	Salary, August, 1912.	41 66
3227	..do.	G. A. Garrison	Oats	182 90
3228	..do.	E. B. Frazier	Straw	42 91
3229	..do.	Roessler & Hasslacher Chemical Co.	Drugs	25 00
3230	..do.	Geo. A. Ogle & Co.	Atlas	10 00
3231	..do.	E. P. Collyer	Expenses	52 00
3232	..do.	H. A. Ruehe	..do.	8 65
3233	..do.	John Crawford	..do.	17 74
3234	..do.	Illinois Printing Co.	Printing	131 50
3235	..do.	Tobey Furniture Co.	Chairs	40 25
3236	..do.	Twin City Electric Co.	Labor and materials	37 60
3237	..do.	W. A. Beasley	Mason work	117 81
3238	..do.	J. Terquen & Cie.	Books	45 22
3239	..do.	R. Friedlander & Sohn	Books	47 17
3240	..do.	Otto Harrassowitz	..do.	35 54
3241	..do.	J. B. Lippincott Co.	..do.	7 50
3242	..do.	C. B. Richard & Co.	Brokerage, etc.	1 80
3243	..do.	S. O. Andros	Freightage	1 52
3244	..do.	Macketh-Evans Glass Co.	Glass	12 25
3245	..do.	W. S. Tyler Co.	Screens	9 78
3246	..do.	H. L. Stafford	Expenses	73 61
3247	..do.	J. E. McDonald	..do.	75 46
3248	..do.	Johnston City Coal Co.	Labor	9 83
3249	..do.	J. M. Webb	Expenses	64 48
3250	..do.	Bryan Marsh Electric Works	Lamps	282 88
3251	..do.	McManus & Tucker	Limestone	22 19
3252	..do.	R. W. Dickenson	Expenses	132 19
3253	..do.	Henry Pfau	Field expenses	36 63
3254	..do.	John Rumer & Son	..do.	10 60
3255	..do.	J. E. Readhimer	Expenses	235 31
3256	..do.	A. F. Gustafson	..do.	64 40
3257	..do.	Illinois Press Clipping Bureau	Clippings	5 00
3258	..do.	English Brothers	Payment on contract	10, 138 43
3259	..do.	Walker & Mulliken	Rugs, etc.	39 25
3260	..do.	Westinhouse Electric & Mfg. Co.	Motor, etc.	100 70
3261	..do.	General Electric Co.	Electric apparatus	450 57
3262	..do.	C. B. Busey	Corn	32 94
3263	..do.	J. B. Benzyl	Pullets	28 00
3264	..do.	G. A. Garrison	Wheat, etc.	128 42
3265	Sept. 12	The Audit Co. of Illinois	Auditing accounts	171 84
3266	..do.	A. W. Stoolman	Payment on contract	8, 415 00
3267	..do.	M. L. Nebel	Expenses	84 69
3268	..do.	A. H. Daniels	Balance Salary, Feb.-Aug. 31, 1912	350 00
3269	..do.	R. W. Dickenson	Expenses	43 82
3270	..do.	Alfred Bergren	..do.	72 90
3271	..do.	J. H. Smith	..do.	104 64
3272	..do.	G. W. Matheny	..do.	81 25
3273	..do.	O. S. Fisher	..do.	90 76
3274	..do.	E. E. Hoskins	..do.	91 00
3275	..do.	G. M. Hinkley	..do.	29 73
3276	..do.	S. V. Holt	..do.	99 64
3277	..do.	A. L. Moats	Field expenses	36 24
3278	..do.	C. A. Campbell	Expenses	53 06
3279	..do.	J. R. Wells	..do.	46 10
3280	..do.	J. B. Andrews	..do.	22 32
3281	..do.	M. E. Hinds	Meat	5 00
3282	..do.	A. W. Stoolman	Payment on contract	2, 759 10
3283	Sept. 13	Underwood Typewriter Co., Inc.	Machine	83 03
3284	..do.	The Cincinnati Fly Screen Co.	Screens	27 00
3285	..do.	Ludwig & Grady	Oats	18 90
3286	..do.	Cyphers Incubator Co.	Instruments	3 00
3287	..do.	W. W. Barnard Co.	Hover	4 25
3288	..do.	American Rubel Loose Leaf Co.	Binders	29 50
3289	..do.	U. & C. Railway, Gas & Electric Co.	Gas	106 88
3290	..do.	L. R. Lang	Expenses	7 61
3291	..do.	Freeman & Brooks	Labor and materials	459 00
3292	..do.	John B. Bennett	Sewer pipe	18 63
3293	..do.	Wm. C. Pfeiffer Boiler Works	Steel materials	210 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1912.				
3294	Sept. 13	Will Burgner	Hay	\$ 28 05
3295	do	Traylor Engineering & Mfg. Co.	Apparatus	340 00
3296	do	W. E. Ekblaw	Wages, September, 1912.	35 50
3297	do	Shore Instrument & Mfg. Co.	Apparatus	57 00
3298	do	Pantagraph Printing & Stationery Co.	Printing	273 75
3299	do	J. W. Butler Paper Co.	Paper.	61 45
3300	do	Twin City Roofing & Sheet Metal Works	Metal work.	638 11
3301	do	S. E. Huff & Co.	Lumber, etc.	876 05
3302	do	General Electric Co.	Motors	300 86
3303	do	W. A. Beasley	Labor and materials.	12 54
3304	do	A. Barr	Sand, brick, etc.	111 75
3305	do	Campbell & Spalding.	Horse shoeing.	10 00
3306	do	Bronson Barlow	Expenses.	24 81
3307	do	Frison Carriage Shop.	Supplies	9 10
3308	do	The J. B. Ford Co.	do	25 00
3309	do	Champaign Seed Co.	Seed.	3 25
3310	do	Reliable Plumbing & Heating Co.	Payment on contract.	850 00
3311	do	Byrd Milling Co.	Corn	38 30
3312	do	Opera House Drug Store.	Supplies	3 40
3313	do	F. P. Anderson.	Cases, boxes, etc.	28 06
3314	do	Rinchart Hardware Co.	Hardware.	4 75
3315	do	Callaghan & Co.	Books	30 75
3316	do	T. H. Flood & Co.	do	102 35
3317	do	E. L. Cole	do	7 06
3318	do	Chivers Bookbinding Co.	do	10 15
3319	do	Southern Illinois Penitentiary	Fertilizer.	18 00
3320	do	M. E. Hinds	Extra service.	13 00
3321	do	Illinois State Reformatory	Printing	626 45
3322	do	D. M. Sims	Labor	179 30
3323	do	Eisner Grocery Co.	Groceries, etc.	57 03
3324	do	G. E. Stechert & Co.	Books	158 95
3325	do	John H. Doyle	Hardware	31 40
3326	do	H. F. Chester	Drayage	59 90
3327	do	Dennison Mfg. Co.	Envelopes	9 21
3328	do	Edward Hatch	Plaster board.	54 00
3329	Sept. 14	H. W. Mumford	Expenses.	17 20
3330	do	N. W. Hepburn	do	17 18
3331	do	P. Adams	Grading	175 75
3332	do	J. S. Milnes	Expenses.	34 25
3333	do	W. F. Handschin	do	5 57
3334	do	English Brothers.	Final payment on contract.	2,735 55
3335	do	Paul Hansen	Expenses.	30 92
3336	do	W. G. Stromquist.	do	23 02
3337	Sept. 17	W. B. Pillsbury	do	19 54
3338	do	S. J. Buck	do	8 10
3339	do	Sewell-Clapp Mfg. Co.	Envelopes	65 57
3340	do	H. P. Stinespring	Bran and oil meal.	132 00
3341	do	The Time Saver Co.	Office supplies	43 63
3342	do	Enterprise Foundry & Fence Co.	Labor and materials	18 50
3343	do	The McLaughlin-Mateer Co.	Crushed stone.	47 91
3344	do	Lord Mfg. Co.	Repairing apparatus.	12 40
3345	do	Gutta Percha & Rubber Mfg. Co.	Fire hose.	90 00
3346	do	Putnam-Page Co.	Dictating machine.	240 00
3347	do	E. F. Dillman	Straw	100 92
3348	do	C. L. Berger & Sons	Meter.	114 75
3349	do	C. J. Welch	Concrete work.	166 69
3350	do	American LaFrance Fire Engine Co.	Fire hose, etc.	87 93
3351	Sept. 18	Montgomery Ward & Co.	Supplies	14 60
3352	do	C. F. Miller, Clerk	Sundry bills paid.	15 00
3353	do	E. A. Swift.	Expenses.	15 28
3354	do	G. W. Smith.	do	83 37
3355	do	C. M. Young	do	141 51
3356	do	H. C. Wheeler	do	167 26
3357	do	R. W. Dickenson	do	45 88
3358	do	Flora M. Sims	do	17 43
3359	do	J. H. Pettit.	do	22 94
3360	do	J. E. Whitechurch.	do	88 59
3361	do	B. F. Gaines	Field expenses.	14 00
3362	do	Fred Falk	do	122 20
3363	do	Central Electric Co.	Wire, fan, etc.	128 18
3364	do	Western Electric Co.	Electrical appliances.	122 12
3365	do	Bacon Bros.	Supplies	23 50
3366	do	C. H. Mills.	Expenses.	9 09
3367	do	E. Davenport.	do	48 23
3368	do	H. H. Stock	do	1 75
3369	do	F. C. Lincoln.	do	26 92
3370	do	S. T. Wallage.	do	58 90
3371	Sept. 19	B. E. Powell.	do	21 35
3372	do	R. D. Burnham	Lambs.	47 28

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
3373	Sept. 19	A. F. Gustafson	Expenses	\$121 02
3374	do.	D. R. Lee	Straw	23 85
3375	do.	The Burr Co.	Foundry work	94 85
3376	Sept. 20	E. P. Lielich	Payment on contract	200 00
3377	do.	A. F. Kreuger	Expenses	14 07
3378	do.	D. L. Scroggin	Wages, September, 1912	44 10
3379	do.	B. S. Pickett	Expenses	19 08
3380	do.	L. E. Foglesong	do.	69 30
3381	do.	H. H. Lauer	do.	85 14
3382	do.	H. J. Vanderbeck	Wages, August, 1912	45 00
3383	do.	H. P. Corson	Expenses	16 84
3384	do.	H. C. Gilkerson	do.	37 63
3385	do.	H. F. T. Fahrnkopf	do.	34 41
3386	Sept. 21	Jones-McDuffee & Stratton Co.	Glassware	8 82
3387	do.	Freeman & Brooks	Labor and materials	40 00
3388	do.	Fritz & Goedel Mfg. Co.	Furniture	101 25
3389	do.	H. H. Powers	Laboratory specimens	74 70
3390	do.	G. B. Brown	Cow	50 00
3391	do.	West Disinfecting Co.	Soap	87 50
3392	do.	E. T. Benjamin	Horse shoeing	16 25
3393	do.	Wm. Sullivan	Rental	400 00
3394	do.	Southern Illinois Penitentiary	Fertilizer	121 00
3395	do.	Stone & Forsyth	Toweling	31 25
3396	do.	Geo. Strobe	Awnings	80 00
3397	do.	The Kny-Scheerer Co.	Glass jars	130 25
3398	do.	Alberene Stone Co.	Stone tops	119 35
3399	do.	Dean Bros. Steam Pump Works	Steam pumps	572 21
2400	do.	Buffalo Scale Co.	Scales	179 01
3401	do.	H. W. Johns-Manville Co.	Round transite duct	915 18
3402	do.	Theodor Kundtz	Furniture	716 40
3403	do.	Marshall Field & Co.	Rug	30 00
3404	do.	Robert Homes & Bros.	Shaking screen	175 00
3405	do.	The Black Diamond	Book	5 00
3406	do.	Linforth & Milburn	Shaft set	15 00
3407	do.	Pioneer Coal & Coke Co.	Coal and coke	243 15
3408	do.	Durand Steel Locker Co.	Racks	339 23
3409	do.	Rogers-Brown & Co.	Pig iron	330 00
3410	do.	Southern Illinois Lumber Co.	Lumber	16 93
3411	do.	J. L. Tarbox	Lumber, etc.	577 35
3412	do.	C. C. Porter	Rental	17 40
3413	do.	Peoria Tent & Awning Co.	Stack covers	141 00
3414	do.	C. A. Weaver & Son	Labor and materials	223 91
3415	do.	The Crown Press	Half-tones, etc.	18 80
3416	do.	Standard Underground Cable Co.	Cable, paper	232 38
3417	do.	Eimer & Amend	Laboratory supplies	795 08
3418	do.	Pantagraph Printing & Stationery Co.	Printing	345 63
3419	do.	Illinois State Penitentiary	Furniture	483 69
3420	Sept. 23	Beethoven Trio	Recital	100 00
3421	do.	Geo. Poll	Threshing, etc.	136 64
3422	do.	R. W. Wagner & Son	Hauling corn	20 00
3423	do.	L. E. Fralley	Wages, August and September, 1912	72 00
3424	do.	H. A. Hollister	Expenses	9 84
3425	do.	G. E. Crscallen	Examiner	32 00
3426	Sept. 24	E. W. Washburn	Expenses	60 00
3427	do.	H. A. Winter	do.	20 38
3428	do.	E. D. Lellich	Payment on contract	525 00
3429	do.	S. J. Buck	Expenses	29 14
3430	do.	G. M. Hinkley	Field expenses	22 37
3431	do.	Earl Garver	Expenses	30 14
3432	do.	A. W. Nolan	do.	13 50
3433	do.	R. E. Brand	do.	73 22
3434	do.	Frank K. Klaseen	Livery charge	41 25
3435	do.	F. W. Gault	Expenses	121 77
3436	do.	A. B. Payne	Labor and material	818 05
3437	do.	J. G. Mosier	Expenses	88 75
3438	do.	Geo. E. Miller	do.	29 42
3439	do.	S. V. Holt	do.	90 01
3440	Sept. 25	O. E. Staples, Chief Clerk	Rebates to students	623 50
3441	do.	H. B. Dörner	Expenses	17 54
3442	do.	J. J. Gardner	do.	11 84
3443	do.	O. S. Watkins	Field expenses	25 18
3444	do.	A. J. Gunderson	Expenses	30 65
3445	do.	Henry Scherer	Corn	10 25
3446	do.	B. C. Croll	Books	200 00
3447	do.	Eisner Grocery Co.	Groceries	28 00
3448	do.	Campbell & Spalding	Horse shoeing	81 00
3449	do.	U. & C. Ry., Gas & Electric Co.	Tar and wire	20 25
3450	do.	P. Adams	Teaming	31 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
3451	Sept. 25	Twin City Ice & Cold Storage Co.	Ice.	\$ 58 00
3452	do.	S. E. Huff & Co.	Lumber, etc.	1,084 50
3453	do.	Illinois State Penitentiary.	Furniture.	73 00
3454	do.	H. W. Johns-Manville Co.	Pipe covering, etc.	18 00
3455	do.	Percival & Moorehaed.	Hardware, etc.	2 35
3456	do.	H. P. Stinespring.	Hay.	17 73
3457	do.	Standard Oil Co.	Oil, etc.	51 50
3458	do.	Lewis Electric Supply Co.	Supplies.	2 40
3459	do.	The Urbana Courier Co.	Printing.	13 40
3460	do.	Flanigan-Pearson Co.	do.	272 25
3461	do.	M. Lowenstern & Son.	Dry goods.	3 48
3462	do.	Pittsburg Meter Co.	Disc and spindle.	10 39
3463	do.	Library Bureau.	Furniture.	45 40
3464	do.	Twin City Roofing & Sheet Metal Works	Galvanized iron, etc.	4 28
3465	do.	O. E. Staples, Chief Clerk.	Students' payroll.	1,465 93
3466	do.	O. E. Staples, Chief Clerk.	Express.	84 85
3467	do.	O. E. Staples, Chief Clerk.	Sundry bills.	54 51
3468	do.	O. E. Staples, Chief Clerk.	Freight.	431 47
3469	do.	W. W. Lindley, Postmaster.	Postage.	569 25
3470	do.	Woldenberg & Schaar.	Laboratory supplies.	1,077 49
3471	do.	Illinois State Reformatory.	Printing.	103 75
3472	do.	The Champaign News.	Advertising.	10 35
3473	do.	E. P. Lellich.	Payment on contract.	49 94
3474	Sept. 26	Illinois Glass Co.	Supplies.	24 76
3475	do.	The Chas. A. Strelinger Co.	do.	3 59
3476	do.	Plume & Atwood Mfg. Co.	Brass rods.	79 06
3477	do.	Economic Geology.	Books.	40 60
3478	do.	The Whitaker Paper Co.	Paper.	16 00
3479	do.	P. S. Campbell.	Printing.	15 00
3480	do.	F. K. W. Drury.	Refund.	25 00
3481	do.	Merck & Co.	Laboratory supplies.	67 86
3482	do.	Ideal Desk Extension Co.	Furniture.	4 95
3483	do.	Goder-Heimann Co.	Map case and roller.	4 50
3484	do.	Arthur T. Burlass.	Supplies.	1 55
3485	do.	A. Barr.	Brick.	3 90
3486	do.	John B. Bennett.	Drain tile.	36 00
3487	do.	The New Britain Machine Co.	Bench legs.	8 25
3488	do.	Jas. B. Clow & Sons.	Pipe, valves, etc.	43 50
3489	do.	Stover Mfg. Co.	Mill plate.	1 65
3490	do.	The Silver Mfg. Co.	Pulley.	7 00
3491	do.	Stafford Engraving Co.	Half-tone.	1 91
3492	do.	Illinois Motor Car Sales Co.	Livery charges.	7 50
3493	do.	Tablet & Ticket Co.	Gummed letters.	8 33
3494	do.	Metzler & Schafer Co.	Groceries.	9 89
3495	do.	F. M. Foltz.	Blacksmithing.	12 00
3496	do.	Frison Carriage Shop.	Supplies.	6 25
3497	do.	U. & C. Ry., Gas & Electric Co.	Fans.	23 40
3498	do.	Walker & Mulliken.	Window screens.	21 80
3499	do.	T. W. Wood & Sons.	Seeds.	11 27
3500	do.	F. S. Webster Book Co.	Pencil sharpeners.	12 00
3501	Sept. 30	D. A. Abrams.	Salary, September, 1912.	133 33
3502	do.	C. C. Adams.	do.	137 50
3503	do.	R. M. Alden.	do.	333 33
3504	do.	W. C. Allee.	do.	120 00
3505	do.	C. H. Allen.	do.	30 00
3506	do.	C. W. Alvord.	do.	145 83
3507	do.	L. F. Anderson.	do.	208 33
3508	do.	S. O. Andros.	do.	125 00
3509	do.	June M. Ashley.	do.	30 00
3510	do.	G. D. Bagley.	Scholarship, September, 1912.	25 00
3511	do.	W. C. Bagley.	Salary, September, 1912.	291 66
3512	do.	Margaret L. Bailey.	Fellowship, September, 1912.	50 00
3513	do.	W. H. Bair.	Salary, September 1912.	50 00
3514	do.	I. O. Baker.	do.	333 33
3515	do.	R. P. Baker.	do.	30 00
3516	do.	E. C. Baldwin.	do.	150 00
3517	do.	C. W. Balke.	do.	183 33
3518	do.	Panzy Barger.	do.	30 00
3519	do.	J. T. Barrett.	do.	58 33
3520	do.	P. S. Barto.	do.	100 00
3521	do.	H. J. Barton.	do.	250 00
3522	do.	Edward Bartow.	do.	291 66
3523	do.	S. J. Bates.	do.	100 00
3524	do.	W. S. Bayley.	do.	187 50
3525	do.	G. D. Beal.	do.	120 00
3526	do.	J. H. Beard.	do.	120 00
3527	do.	J. B. Beck.	do.	166 66
3528	do.	J. E. Bell.	do.	60 00
3529	do.	B. W. Benedict.	do.	291 66



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
3530	Sept. 30, 1912.	E. J. Berg.	Salary, September, 1912.	\$333 33
3531	do.	Daisy L. Blascell.	do.	100 00
3532	do.	D. S. Blondheim.	do.	118 66
3533	do.	Leonard Bloomfield.	do.	120 00
3534	do.	B. H. Bode.	do.	250 00
3535	do.	E. L. Bogart.	do.	250 00
3536	do.	G. P. Boonslitter.	do.	130 00
3537	do.	R. L. Borger.	do.	125 00
3538	do.	C. V. Boyer.	do.	60 00
3539	do.	R. O. Brigham.	do.	250 00
3540	do.	Morgan Brooks.	do.	200 00
3541	do.	N. C. Brooks.	do.	80 00
3542	do.	Elizabeth P. Brush.	do.	80 00
3543	do.	W. A. Bryant.	do.	183 33
3544	do.	J. M. Bryant.	do.	110 00
3545	do.	W. A. Buchen.	do.	150 00
3546	do.	A. M. Buck.	do.	150 00
3547	do.	L. V. Burton.	do.	30 00
3548	do.	A. S. Buyers.	do.	120 00
3549	do.	H. V. Canter.	do.	166 66
3550	do.	A. P. Carman.	do.	333 33
3551	do.	D. H. Carnahan.	do.	208 33
3552	do.	F. W. Carpenter.	do.	166 66
3553	do.	G. E. Carscallen.	do.	75 00
3554	do.	E. W. Chittenden.	do.	120 00
3555	do.	A. H. Clark.	do.	150 00
3556	do.	C. R. Clark.	do.	166 66
3557	do.	T. A. Clark.	do.	30 00
3558	do.	Alexander Cohn.	do.	418 66
3559	do.	A. C. Cole.	do.	10 00
3560	do.	Vida L. Collins.	do.	130 00
3561	do.	H. W. Colson.	do.	90 00
3562	do.	A. F. Constock.	do.	100 00
3563	do.	H. P. Corson.	do.	180 00
3564	do.	Jennie A. Craig.	do.	100 00
3565	do.	A. R. Craihorne.	do.	75 00
3566	do.	H. L. Creek.	do.	141 66
3567	do.	Florence R. Curtis.	do.	120 00
3568	do.	A. H. Daniels.	do.	100 00
3569	do.	R. E. Davis.	do.	300 00
3570	do.	B. S. Davidson.	do.	100 00
3571	do.	W. B. Day.	do.	50 00
3572	do.	E. H. Decker.	do.	208 33
3573	do.	J. A. Dent.	do.	250 00
3574	do.	W. W. Denton.	do.	150 00
3575	do.	C. C. Derick.	do.	120 00
3576	do.	E. R. Dewsnup.	do.	141 66
3577	do.	J. K. Ditchy.	do.	250 00
3578	do.	W. F. Dodd.	do.	80 00
3579	do.	D. K. Dodge.	do.	166 66
3580	do.	G. W. Dowrie.	do.	250 00
3581	do.	F. K. W. Drury.	do.	90 00
3582	do.	F. O. Dufour.	do.	166 66
3583	do.	J. C. Duncan.	do.	229 16
3584	do.	R. S. Dunham.	do.	90 00
3585	do.	Fannie Dunlap.	do.	10 00
3586	do.	H. H. Dunn.	do.	55 00
3587	do.	H. S. Eames.	do.	91 66
3588	do.	W. C. Ellis.	do.	130 00
3590	do.	B. L. Eicher.	Fellowship, September, 1912.	50 00
3591	do.	W. E. Ekblaw.	Salary, September, 1912.	50 00
3592	do.	Frederick Ellis.	do.	100 00
3593	do.	Arnold Emch.	do.	60 00
3594	do.	M. L. Enger.	do.	150 00
3595	do.	E. W. Engle.	do.	166 66
3596	do.	N. E. Englen.	do.	166 66
3597	do.	J. A. Farlee.	do.	120 00
3598	do.	Bernard Fautus.	do.	250 00
3599	do.	R. N. Fargo.	do.	50 00
3600	do.	E. C. Faust.	do.	50 00
3601	do.	Mary E. Fawcett.	do.	166 66
3602	do.	Emma Falsenthal.	do.	70 00
3603	do.	J. L. Ballou.	Loan.	100 00
3604	do.	E. E. Fiero.	Salary, September, 1912.	100 00
3605	do.	J. W. Fisk.	do.	45 00
3606	do.	J. D. Fitz Gerald II.	do.	120 00
3607	do.	E. B. Flanagan.	do.	208 33
3608	do.		do.	80 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
3609	Sept. 30	F. L. Fleener	Salary, September, 1912.	\$ 40 00
3610	do.	V. R. Fleming	do.	125 00
3611	do.	G. T. Flom	do.	208 33
3612	do.	J. W. Folsom	do.	166 66
3613	do.	S. A. Forbes	do.	41 66
3614	do.	G. S. Ford	do.	250 00
3615	do.	H. F. Schneider	do.	30 00
3616	do.	J. A. Frisk	do.	91 66
3617	do.	Edward Fulton	do.	175 00
3618	do.	J. W. Garner	do.	250 00
3619	do.	N. B. Garver	do.	150 00
3620	do.	E. N. Gathercoal	do.	100 00
3621	do.	Rosa-Lee Gaut	do.	35 00
3622	do.	H. L. Gill	do.	200 00
3623	do.	C. E. Gillett	do.	30 00
3624	do.	E. A. Glenz	do.	10 00
3625	do.	H. F. Godeke	do.	120 00
3626	do.	Julius Goebel	do.	270 83
3627	do.	H. F. Gonnerman	do.	120 00
3628	do.	G. A. Goodenough	do.	250 00
3629	do.	W. F. M. Goss	do.	500 00
3630	do.	P. S. Goulding	do.	133 33
3631	do.	Bessie R. Green	do.	60 00
3632	do.	Frederick Green	do.	291 66
3633	do.	E. B. Greene	do.	187 50
3634	do.	T. H. Guild	do.	125 00
3635	do.	J. E. Gutberlet	do.	60 00
3636	do.	Alta Gwinn	do.	80 00
3637	do.	G. C. Habermeyer	do.	141 66
3638	do.	H. F. Hadley	Fellowship, September, 1912	50 00
3639	do.	Stella M. Hague	Salary, September, 1912.	80 00
3640	do.	H. G. Hake	do.	120 00
3641	do.	W. G. Hale	do.	250 00
3642	do.	R. G. Hall	do.	30 00
3643	do.	L. G. Hana	do.	170 00
3644	do.	Paul Hansen	do.	250 00
3645	do.	Sada Harbarger	do.	90 00
3646	do.	A. A. Harding	do.	150 00
3647	do.	O. A. Harker	do.	333 33
3648	do.	E. C. Hayes	do.	233 33
3649	do.	C. M. Hebbert	do.	60 00
3650	do.	H. W. Heltkamp	do.	40 00
3651	do.	F. E. Held	do.	50 00
3652	do.	W. S. Hendrix	do.	85 00
3653	do.	Margaret Herdman	do.	75 00
3654	do.	R. W. Hess	do.	30 00
3655	do.	C. K. Hewes	do.	50 00
3656	do.	F. E. Hill	do.	40 00
3657	do.	Ralph Hilscher	do.	100 00
3658	do.	M. E. Hinds	do.	60 00
3659	do.	Jacob Hodnefield	do.	100 00
3660	do.	M. A. Hollinshead	do.	40 00
3661	do.	H. A. Hollister	do.	229 16
3662	do.	E. E. Hollman	do.	60 00
3663	do.	B. S. Hopkins	do.	120 00
3664	do.	J. W. Hornbeak	do.	100 00
3665	do.	C. F. Hottes	do.	208 33
3666	do.	H. A. Houston	Fellowship, September, 1912.	50 00
3667	do.	E. Huber	Scholarship, September, 1912.	25 00
3668	do.	H. L. Huenink	Salary, September, 1912.	50 00
3669	do.	G. A. Huff	do.	250 00
3670	do.	R. K. Hursh	do.	100 00
3671	do.	Margaret Hutchins	do.	75 00
3672	do.	Edmund J. James	do.	1,000 00
3673	do.	L. V. James	do.	130 00
3674	do.	C. E. Janvrin	do.	37 50
3675	do.	Alice Johnson	do.	70 00
3676	do.	McElroy Johnson	do.	170 00
3677	do.	H. S. V. Jones	do.	150 00
3678	do.	Isabel Jones	do.	110 00
3679	do.	L. T. Jones	do.	85 00
3680	do.	Ralph Jones	do.	90 00
3681	do.	R. C. Jones	do.	160 00
3682	do.	R. T. Jones	do.	140 00
3683	do.	H. H. Jordan	do.	100 00
3684	do.	J. C. Jordan	do.	100 00
3685	do.	Emma R. Jutton	do.	100 00
3686	do.	J. B. Kaiser	do.	100 00
3687	do.	Oliver Kamm	do.	60 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
3688	Sept. 30	C. F. Kelley.....	Salary, September, 1912.....	\$130 00
3689	..do.	J. M. Kellog.....	..do.	140 00
3690	..do.	Ruth Kelso.....	..do.	80 00
3691	..do.	A. J. Kempner.....	..do.	130 00
3692	..do.	R. E. Kennedy.....	..do.	110 00
3693	..do.	V. A. Ketcham.....	..do.	150 00
3694	..do.	Arthur Kiernan.....	..do.	60 00
3695	..do.	A. H. Kimball.....	..do.	140 00
3696	..do.	S. F. Kimball.....	..do.	120 00
3697	..do.	Margaret L. Kingsbury.....	..do.	75 00
3698	..do.	David Kinley.....	..do.	500 00
3699	..do.	Florence M. Kirkup.....	..do.	100 00
3700	..do.	C. T. Knipp.....	..do.	208 33
3701	..do.	A. H. Koller.....	..do.	100 00
3702	..do.	A. P. Kratz.....	..do.	100 00
3703	..do.	E. V. Kratz.....	Scholarship, September, 1912.....	25 00
3704	..do.	Jacob Kunz.....	Salary, September, 1912.....	208 33
3705	..do.	Martha J. Kyle.....	..do.	120 00
3706	..do.	E. J. Lake.....	..do.	150 00
3707	..do.	Marion C. Landee.....	..do.	85 00
3708	..do.	L. D. Coffman.....	..do.	250 00
3709	..do.	E. T. Lanham.....	..do.	105 00
3710	..do.	L. M. Larson.....	..do.	216 66
3711	..do.	H. H. Lauer.....	..do.	150 00
3712	..do.	T. E. Laying.....	..do.	30 00
3713	..do.	Eugene Leslie.....	..do.	10 00
3714	..do.	O. E. Lessing.....	..do.	233 33
3715	..do.	O. A. Luetwiler.....	..do.	200 00
3716	..do.	I. H. Lillehei.....	..do.	90 00
3717	..do.	F. C. Lincoln.....	..do.	166 66
3718	..do.	R. H. Linkins.....	..do.	30 00
3719	..do.	C. M. Linsley.....	..do.	21 66
3720	..do.	Simon Litman.....	..do.	183 33
3721	..do.	F. C. Loring.....	..do.	120 00
3722	..do.	E. B. Lytle.....	..do.	133 33
3723	..do.	H. T. Lundquist.....	..do.	50 00
3724	..do.	Ellen S. McCarthy.....	..do.	120 00
3725	..do.	Lois D. McCobb.....	..do.	90 00
3726	..do.	Rudolph McDermet.....	Fellowship, September, 1912.....	50 00
3727	..do.	D. F. McFarland.....	Salary, September, 1912.....	150 00
3728	..do.	A. D. MacGillivray.....	..do.	208 33
3729	..do.	Wallace McFarlane.....	Fellowship, September, 1912.....	30 00
3730	..do.	D. A. MacInnis.....	Salary, September, 1912.....	120 00
3731	..do.	G. A. Maney.....	Fellowship, September, 1912.....	50 00
3732	..do.	F. M. Mann.....	Salary, September, 1912.....	333 33
3733	..do.	F. W. Marquis.....	..do.	150 00
3734	..do.	O. R. Martin.....	..do.	110 00
3735	..do.	M. S. Mason.....	Fellowship, September, 1912.....	50 00
3736	..do.	J. M. Mathews.....	Salary, September, 1912.....	133 33
3737	..do.	G. H. Meyer.....	..do.	208 33
3738	..do.	E. B. Millard.....	..do.	60 00
3739	..do.	F. H. Millard.....	..do.	110 00
3740	..do.	G. A. Miller.....	..do.	250 00
3741	..do.	H. W. Miller.....	..do.	150 00
3742	..do.	R. N. Miller.....	..do.	35 00
3743	..do.	W. S. Miller.....	..do.	125 00
3744	..do.	C. H. Mills.....	..do.	208 33
3745	..do.	Brainerd Mitchell.....	..do.	130 00
3746	..do.	H. F. Moore.....	..do.	208 33
3747	..do.	Ruby Moore.....	..do.	20 00
3748	..do.	E. W. Morphy.....	..do.	120 00
3749	..do.	B. C. Morse.....	..do.	48 00
3750	..do.	W. E. Mosher.....	Fellowship, September, 1912.....	50 00
3751	..do.	C. M. Moss.....	Salary, September, 1912.....	250 00
3752	..do.	Gertrude Moulton.....	..do.	116 66
3753	..do.	C. F. Nelson.....	..do.	100 00
3754	..do.	W. S. Nelson.....	..do.	30 00
3755	..do.	Allan Nevins.....	..do.	80 00
3756	..do.	C. R. Newell.....	..do.	85 00
3757	..do.	C. E. Norenberg.....	..do.	140 00
3758	..do.	W. A. Noyes.....	..do.	333 33
3759	..do.	W. A. Oldfather.....	..do.	229 16
3760	..do.	H. L. Olin.....	..do.	50 00
3761	..do.	T. E. Oliver.....	..do.	208 33
3762	..do.	A. W. Owens.....	..do.	30 00
3763	..do.	E. B. Paine.....	..do.	208 33
3764	..do.	Rosalie M. Parr.....	..do.	80 00
3765	..do.	S. W. Parr.....	..do.	291 66
3766	..do.	Adah Patton.....	..do.	83 33

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
3767	Sept. 30	H. G. Paul.....	Salary, September, 1912.....	\$166 66
3768	..do.	A. S. Pease.....	..do.	208 33
3769	..do.	J. C. Pendelton.....	..do.	85 00
3770	..do.	Alvah Peterson.....	..do.	60 00
3771	..do.	G. W. Pickels.....	..do.	130 00
3772	..do.	J. N. Pomeroy.....	..do.	183 33
3773	..do.	C. M. Poor.....	..do.	130 00
3774	..do.	F. M. Porter.....	..do.	130 00
3775	..do.	R. S. Potter.....	..do.	50 00
3776	..do.	Anton Prasil.....	..do.	10 00
3777	..do.	Anna M. Price.....	..do.	110 00
3778	..do.	A. L. Prickett.....	..do.	43 33
3779	..do.	D. C. Prince.....	Scholarship, September, 1912.....	25 00
3780	..do.	G. H. Radenbaugh.....	..do.	90 00
3781	..do.	Otto Rahn.....	..do.	166 66
3782	..do.	O. A. Randolph.....	..do.	80 00
3783	..do.	W. H. Rayner.....	..do.	110 00
3784	..do.	J. W. Read.....	..do.	50 00
3785	..do.	P. J. Rebman.....	..do.	80 00
3786	..do.	F. W. Reed.....	..do.	140 00
3787	..do.	J. L. Rich.....	..do.	150 00
3788	..do.	C. R. Richards.....	..do.	333 33
3789	..do.	N. C. Ricker.....	..do.	291 66
3790	..do.	H. L. Rietz.....	..do.	150 00
3791	..do.	W. S. Robertson.....	..do.	166 66
3792	..do.	M. H. Robinson.....	..do.	250 00
3793	..do.	C. W. Rolfe.....	..do.	250 00
3794	..do.	S. A. Rowland.....	..do.	60 00
3795	..do.	H. O. Rugg.....	..do.	120 00
3796	..do.	George Rutledge.....	..do.	60 00
3797	..do.	T. E. Savage.....	..do.	166 66
3798	..do.	Olive F. Saxton.....	..do.	83 33
3799	..do.	E. C. Schmidt.....	..do.	291 66
3800	..do.	C. Scholl.....	..do.	10 00
3801	..do.	W. S. Shultz.....	..do.	166 66
3802	..do.	G. F. Schwartz.....	..do.	158 33
3803	..do.	F. W. Scott.....	..do.	183 33
3804	..do.	D. L. Scroggin.....	..do.	120 00
3805	..do.	G. W. Sears.....	..do.	60 00
3806	..do.	F. B. Seeley.....	..do.	140 00
3807	..do.	R. S. Seese.....	Scholarship, September, 1912.....	25 00
3808	..do.	A. R. Seymour.....	Salary, September, 1912.....	166 66
3809	..do.	J. B. Shaw.....	..do.	187 50
3810	..do.	Queen L. Shepherd.....	..do.	80 00
3811	..do.	S. P. Sherman.....	..do.	266 66
3812	..do.	G. A. Shook.....	..do.	100 00
3813	..do.	C. W. Sievert.....	..do.	10 00
3814	..do.	Frances M. Simpson.....	..do.	141 66
3815	..do.	S. L. Simmering.....	Fellowship, September, 1912.....	30 00
3816	..do.	C. H. Sisam.....	..do.	158 33
3817	..do.	W. A. Slater.....	..do.	125 00
3818	..do.	Adelle C. Smith.....	..do.	60 00
3819	..do.	Constance B. Smith.....	..do.	160 00
3820	..do.	Frank Smith.....	..do.	208 33
3821	..do.	J. E. Smith.....	..do.	125 00
3822	..do.	O. H. Smith.....	..do.	95 00
3823	..do.	J. M. Snodgrass.....	..do.	175 00
3824	..do.	C. M. Snow.....	..do.	150 00
3825	..do.	O. O. Stanley.....	..do.	70 00
3826	..do.	Joel Stebbins.....	..do.	104 16
3827	..do.	Sabra Stevens.....	..do.	55 00
3828	..do.	R. K. Steward.....	..do.	130 00
3829	..do.	C. L. Stewart.....	..do.	50 00
3830	..do.	H. H. Stoek.....	..do.	333 33
3831	..do.	J. W. Stoeks.....	Fellowship, September, 1912.....	50 00
3832	..do.	E. B. Stouffer.....	Salary, September, 1912.....	130 00
3833	..do.	E. K. Strachan.....	..do.	100 00
3834	..do.	R. T. Stull.....	..do.	200 00
3835	..do.	Emerson Sutcliff.....	..do.	80 00
3836	..do.	A. H. Sutherland.....	..do.	150 00
3837	..do.	Margaret Taggart.....	..do.	30 00
3838	..do.	A. N. Talbot.....	..do.	333 33
3839	..do.	F. W. Tanner.....	..do.	60 00
3840	..do.	Scott Taylor.....	..do.	10 00
3841	..do.	W. H. Taylor.....	..do.	60 00
3842	..do.	H. R. Thomas.....	Fellowship, September, 1912.....	50 00
3843	..do.	C. M. Thompson.....	Salary, September, 1912.....	90 00
3844	..do.	D. G. Thompson.....	..do.	40 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
3845	Sept. 30	J. G. Thompson	Salary, September, 1912.	\$160 00
3846	do	Lambert Thorp	do	100 00
3847	do	A. J. Tiejie	do	105 00
3848	do	A. J. Todd	do	104 16
3849	do	E. J. Townsend	do	333 33
3850	do	L. L. Townsend	do	100 00
3851	do	Edna A. Treat	do	90 00
3852	do	H. D. Valentine	do	10 00
3853	do	H. J. VanCleave	do	60 00
3854	do	H. J. Van den Berg	do	180 00
3855	do	G. J. Van Zoeren	do	30 00
3856	do	J. N. Vedder	do	110 00
3857	do	C. G. Vernier	do	291 66
3858	do	E. H. Waldo	do	166 66
3859	do	A. H. McLean	do	80 00
3860	do	H. B. Ward	do	333 33
3861	do	E. H. Warner	do	50 00
3862	do	A. R. Warnock	do	125 00
3863	do	E. W. Washburn	do	183 33
3864	do	F. R. Watson	do	200 00
3865	do	H. H. Bartells	do	50 00
3866	do	H. C. P. Weber	do	150 00
3867	do	N. A. Wells	do	208 33
3868	do	N. A. Weston	do	229 16
3869	do	Mary M. Wetmore	do	125 00
3870	do	J. M. White	do	333 33
3871	do	J. H. Whitten	do	60 00
3872	do	E. H. Wildman	do	30 00
3873	do	C. C. Wiley	do	150 00
3874	do	C. A. Williams	do	120 00
3875	do	E. H. Williams	do	125 00
3876	do	Mary E. Williams	do	85 00
3877	do	F. G. Willson	do	160 00
3878	do	P. L. Windsor	do	250 00
3879	do	R. M. Winger	do	120 00
3880	do	W. J. Wohlenberg	Fellowship, September, 1912.	50 00
3881	do	P. S. Woodward	Salary, September, 1912.	35 00
3882	do	Ola M. Wyeth	do	75 00
3883	do	T. D. Yensen	do	100 00
3884	do	Jacob Zeitlin	do	125 00
3885	do	Charles Zeleny	do	208 33
3886	do	H. F. Zoller	do	30 00
3887	do	Alice Biester	Scholarship, September, 1912.	25 00
3888	do	R. W. Brown	do	25 00
3889	do	E. E. Clark	do	25 00
3890	do	Jesse L. Conel	do	25 00
3891	do	S. H. Cox	do	25 00
3892	do	E. S. Dowell	do	25 00
3893	do	D. T. Englis	do	25 00
3894	do	Ola M. J. Eskelson	do	25 00
3895	do	S. E. Fauquher	do	25 00
3896	do	S. B. Fracker	do	25 00
3897	do	B. F. Goodman	do	25 00
3898	do	Ruby M. Grimes	do	25 00
3899	do	J. S. Gutsell	do	25 00
3900	do	Mary A. Haan	do	25 00
3901	do	Homer Hall	do	25 00
3902	do	A. C. Hanford	do	25 00
3903	do	William Hill	do	25 00
3904	do	C. E. Holley	do	25 00
3905	do	Nellie N. Horner	do	25 00
3906	do	J. W. Howard	do	25 00
3907	do	P. W. Ivey	do	25 00
3908	do	Gretchen Lutz	do	25 00
3909	do	Janet McDonald	do	25 00
3910	do	Edna Mosher	do	25 00
3911	do	J. B. Nathanson	do	25 00
3912	do	F. G. Norbury	do	25 00
3913	do	R. H. Nettelman	do	25 00
3914	do	Amy M. Overland	do	25 00
3915	do	Cornelia R. Seawell	do	25 00
3916	do	Mary M. Spangler	do	25 00
3917	do	E. R. Spencer	do	25 00
3918	do	W. A. Swenson	do	25 00
3919	do	Lily B. Voegelein	do	25 00
3920	do	Margaret Washington	do	25 00
3921	do	P. Q. Wright	do	25 00
3922	do	A. E. Zucker	do	25 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
3923	Sept. 30	J. E. Ackert.....	Fellowship, September, 1912....	\$ 35 00
3924	do.	F. H. Adler.....	do.	35 00
3925	do.	Josephine Burns.....	do.	35 00
3926	do.	Edna L. Forrey.....	do.	35 00
3927	do.	D. L. Geyer.....	do.	35 00
3928	do.	J. W. Good.....	do.	40 00
3929	do.	E. C. Heuse.....	do.	30 00
3930	do.	E. A. T. Kircher.....	do.	30 00
3931	do.	P. A. Lehenbauer.....	do.	30 00
3932	do.	H. H. McGregor.....	do.	30 00
3933	do.	L. C. Mathewson.....	do.	30 00
3934	do.	S. H. Scherfee.....	do.	30 00
3935	do.	L. F. Nickell.....	do.	40 00
3936	do.	A. W. Orcutt.....	do.	35 00
3937	do.	A. F. Peine.....	do.	30 00
3938	do.	C. F. C. Riley.....	do.	35 00
3939	do.	Clarissa Rinaker.....	do.	35 00
3940	do.	J. R. Shulters.....	do.	35 00
3941	do.	Irma E. Voight.....	do.	30 00
3942	do.	P. S. Welch.....	do.	35 00
3943	do.	G. Y. Williams.....	do.	35 00
3944	do.	Lilla M. Alexander.....	Salary, September, 1912.....	50 00
3945	do.	W. E. Alley.....	do.	35 00
3946	do.	Winifred Amos.....	do.	65 00
3947	do.	Ethel Ash.....	do.	60 00
3948	do.	E. Atkinson.....	do.	141 66
3949	do.	Mary L. Blackwell.....	do.	50 00
3950	do.	L. A. Boice.....	do.	125 00
3951	do.	Ethel Bond.....	do.	70 00
3952	do.	Tabitha J. Broadhurst.....	do.	75 00
3953	do.	Ina M. Brown.....	do.	60 00
3954	do.	Sarah E. Bryan.....	do.	65 00
3955	do.	Flora M. Case.....	do.	55 00
3956	do.	Ilah B. Chandler.....	do.	50 00
3957	do.	Miles Clements.....	do.	45 83
3958	do.	C. C. Crawford.....	do.	60 00
3959	do.	H. E. Cunningham.....	do.	150 00
3960	do.	C. E. Dalton.....	do.	45 00
3961	do.	L. C. Demlow.....	do.	45 83
3962	do.	Edith Emigh.....	do.	65 00
3963	do.	Frances M. Feind.....	do.	75 00
3964	do.	Viola C. Fraser.....	do.	55 00
3965	do.	Antionette Goetz.....	do.	65 00
3966	do.	Mabel F. Griffith.....	do.	60 00
3967	do.	Carmen Harnack.....	do.	55 00
3968	do.	Eliza Hart.....	do.	35 00
3969	do.	N. Hay.....	do.	166 66
3970	do.	Josie B. Houchens.....	do.	75 00
3971	do.	A. H. Hull.....	do.	65 00
3972	do.	Marie Jester.....	do.	45 00
3973	do.	Gertrude Johnson.....	do.	55 00
3974	do.	J. J. Johnson.....	do.	45 00
3975	do.	J. H. Kelley.....	do.	166 66
3976	do.	Aurella Knapp.....	do.	65 00
3977	do.	A. R. Loe.....	do.	91 66
3978	do.	Stella Lund.....	do.	55 00
3979	do.	C. M. McConn.....	do.	233 33
3980	do.	Agnes McGurty.....	do.	83 33
3981	do.	Jane McMullen.....	do.	40 00
3982	do.	Mae Manspeaker.....	do.	83 33
3983	do.	Rudolph Meseck.....	do.	65 00
3984	do.	C. F. Miller.....	do.	75 00
3985	do.	J. A. Morrow.....	do.	166 66
3986	do.	H. D. Oberdorfer.....	do.	166 66
3987	do.	Elizabeth Pieffer.....	do.	50 00
3988	do.	F. W. Post.....	do.	75 00
3989	do.	Mary H. Roberts.....	do.	70 00
3990	do.	Nellie M. Robertson.....	do.	55 00
3991	do.	Rose E. Ryan.....	do.	50 00
3992	do.	Mary Scanlan.....	do.	60 00
3993	do.	Anna L. Shepard.....	do.	91 66
3994	do.	Sara M. Slater.....	do.	55 00
3995	do.	Bertram Smith.....	do.	70 00
3996	do.	I. M. Smith.....	do.	108 33
3997	do.	Jessie A. Smith.....	do.	100 00
3998	do.	Mayme L. Smith.....	do.	65 00
3999	do.	O. E. Staples.....	do.	150 00
4000	do.	Alfred Steltz.....	do.	75 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
4001	1912.			
Sept. 30		E. T. Strong	Salary, September, 1912.....	\$ 95 00
4002	do.....	Mary Torrance	do.....	55 00
4003	do.....	L. J. Towne	do.....	150 00
4004	do.....	G. P. Tuttle	do.....	91 66
4005	do.....	Josephine Tyrrell	do.....	45 00
4006	do.....	Lida E. Voight	do.....	83 33
4007	do.....	B. L. Winchester	do.....	48 00
4008	do.....	H. T. Wynhager	do.....	52 50
4009	do.....	Isabel Bevier	do.....	250 00
4010	do.....	W. L. Burlison	do.....	100 00
4011	do.....	W. J. Carmichael	do.....	41 66
4012	do.....	H. C. M. Case	do.....	120 00
4013	do.....	Nina B. Grigier	do.....	150 00
4014	do.....	I. W. Dickerson	do.....	166 66
4015	do.....	O. S. Fisher	do.....	125 00
4016	do.....	Charlotte Gibbs	do.....	166 66
4017	do.....	Nelle E. Goldthwaite	do.....	116 66
4018	do.....	Cora E. Gray	do.....	110 00
4019	do.....	A. F. Gustafson	do.....	150 00
4020	do.....	O. A. Keller	do.....	83 33
4021	do.....	L. R. Lang	do.....	133 33
4022	do.....	B. E. Packard	do.....	75 00
4023	do.....	Maud Parsons	do.....	100 00
4024	do.....	Leonora Perry	do.....	79 16
4025	do.....	Harriet M. Plincomb	do.....	133 33
4026	do.....	V. A. Place	do.....	83 33
4027	do.....	B. E. Powell	do.....	191 66
4028	do.....	C. O. Reed	do.....	120 00
4029	do.....	Harriet Rinker	do.....	125 00
4030	do.....	Florence E. Smith	do.....	65 00
4031	do.....	I. V. Stevenson	do.....	41 66
4032	do.....	Ruth Wheeler	do.....	133 33
4033	do.....	A. L. Whiting	do.....	125 00
4034	do.....	J. J. Yoke	do.....	83 33
4035	do.....	W. L. Gaines	do.....	150 00
4036	do.....	F. A. Pearson	do.....	75 00
4037	do.....	H. A. Ruehe	do.....	115 66
4038	do.....	Jes. Hutchinson	do.....	100 00
4039	do.....	F. W. Mumme	do.....	83 33
4040	do.....	G. L. Peltier	do.....	83 33
4041	do.....	L. R. Foglesong	do.....	133 33
4042	do.....	A. J. Gunderson	do.....	83 33
4043	do.....	W. A. Ruth	do.....	150 00
4044	do.....	O. S. Watkins	do.....	115 00
4045	do.....	D. O. Barto	do.....	146 66
4046	do.....	F. C. Bauer	do.....	125 00
4047	do.....	S. J. Boie	do.....	415 66
4048	do.....	R. E. Brand	do.....	133 33
4049	do.....	W. C. Coffey	do.....	133 33
4050	do.....	C. S. Crandall	do.....	133 33
4051	do.....	W. T. Crandall	do.....	291 66
4052	do.....	E. Davenport	do.....	123 00
4053	do.....	C. E. Dust	do.....	125 00
4054	do.....	K. J. T. Ekblaw	do.....	100 00
4055	do.....	I. L. Edmunds	do.....	100 00
4056	do.....	K. J. T. Ekblaw	do.....	100 00
4057	do.....	Augusta D. Evans	do.....	175 00
4058	do.....	W. J. Fraser	do.....	83 33
4059	do.....	J. J. Gardner	do.....	291 66
4060	do.....	H. S. Grubley	do.....	200 00
4061	do.....	T. D. Hall	do.....	225 00
4062	do.....	W. F. Hardestein	do.....	150 00
4063	do.....	Leonard H. Hegmanet	do.....	250 00
4064	do.....	N. W. Hepburn	do.....	175 00
4065	do.....	C. G. Hopkins	do.....	415 66
4066	do.....	R. S. Howe	do.....	115 66
4067	do.....	M. E. Inge	do.....	100 00
4068	do.....	J. W. Lloyd	do.....	120 00
4069	do.....	J. G. Mosier	do.....	266 66
4070	do.....	H. W. Mumford	do.....	266 66
4071	do.....	D. M. Noval	do.....	415 66
4072	do.....	A. W. Nothing	do.....	208 33
4073	do.....	A. N. Nolan	do.....	125 00
4074	do.....	H. N. Parker	do.....	200 00
4075	do.....	T. E. Pickett	do.....	260 00
4076	do.....	B. E. Pickett	do.....	260 00
4077	do.....	F. D. Rankin	do.....	250 00
4078	do.....	H. F. Kusk	do.....	175 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
4079	Sept. 30	F. M. Simpson.....	Salary, September, 1912.....	\$100 00
4080	..do....	L. H. Smith.....	..do.....	250 00
4081	..do....	W. H. Smith.....	..do.....	108 33
4082	..do....	H. W. Stewart.....	..do.....	150 00
4083	..do....	R. W. Dickenson.....	..do.....	70 00
4084	..do....	F. A. Fisher.....	..do.....	83 33
4085	..do....	F. W. Garrett.....	..do.....	83 33
4086	..do....	J. P. Aumer.....	..do.....	150 00
4087	..do....	S. V. Holt.....	..do.....	150 00
4088	..do....	E. E. Hoskins.....	..do.....	150 00
4089	..do....	Orin Keller.....	..do.....	70 00
4090	..do....	W. R. Leighty.....	..do.....	100 00
4091	..do....	Gertrude Niederman.....	..do.....	100 00
4092	..do....	J. E. Readhimer.....	..do.....	200 00
4093	..do....	W. H. Sachs.....	..do.....	125 00
4094	..do....	E. Van Alstine.....	..do.....	150 00
4095	..do....	F. M. Wascher.....	..do.....	83 33
3096	..do....	H. C. Wheeler.....	..do.....	150 00
4097	..do....	C. E. Wheelock.....	..do.....	70 00
4098	..do....	J. E. Whitchurch.....	..do.....	150 00
4099	..do....	John Woodard.....	..do.....	70 00
4100	..do....	H. H. Mitchell.....	..do.....	125 00
4101	..do....	H. B. Dörner.....	..do.....	200 00
4102	..do....	F. W. Taylor.....	Milk.....	3 63
4103	..do....	R. T. Lumsden.....	..do.....	1 62
4104	..do....	T. F. Jordan.....	..do.....	22 29
4105	..do....	H. C. Kaufman.....	..do.....	5 96
4106	..do....	George Schiff.....	..do.....	12 03
4107	..do....	A. F. Dyson.....	..do.....	4 06
4108	..do....	C. Ross.....	..do.....	9 72
4109	..do....	Lou Creiger.....	..do.....	10 71
4110	..do....	N. Hahn.....	..do.....	9 18
4111	..do....	H. Wascher.....	..do.....	21 04
4112	..do....	W. J. Collins.....	..do.....	3 57
4113	..do....	S. Herriott.....	..do.....	4 01
4114	..do....	G. C. Gordon.....	..do.....	10 62
4115	..do....	G. W. Van Meter.....	..do.....	13 50
4116	..do....	Frank Knox.....	..do.....	8 16
4117	..do....	J. E. Hanye.....	..do.....	10 71
4118	..do....	J. M. Smith.....	..do.....	7 22
4119	..do....	J. B. Marsh.....	..do.....	3 72
4120	..do....	Cora Stakcer.....	..do.....	8 55
4121	..do....	J. C. Anderson.....	..do.....	3 42
4122	..do....	J. F. Hoy.....	..do.....	7 58
4123	..do....	C. J. Gillespie.....	..do.....	7 50
4124	..do....	B. Jordan.....	..do.....	9 48
4125	..do....	L. P. Rayburn.....	..do.....	8 13
4126	..do....	H. Buhs.....	..do.....	2 63
4127	..do....	E. P. Grove.....	..do.....	9 24
4128	..do....	E. Brove.....	..do.....	8 43
4129	..do....	Len Rayburn.....	..do.....	11 82
4130	..do....	F. H. Busey.....	..do.....	10 27
4131	..do....	L. F. Lindsey.....	..do.....	6 05
4132	..do....	George Herriott.....	..do.....	7 32
4133	..do....	G. W. Hamm.....	..do.....	1 59
4134	..do....	H. J. Morehouse.....	..do.....	11 04
4135	..do....	T. M. Ghore.....	..do.....	6 51
4136	..do....	I. H. Besore.....	..do.....	5 65
4137	..do....	W. H. Frame.....	..do.....	4 83
4138	..do....	W. J. Wilson.....	..do.....	3 63
4139	..do....	S. Kaufman.....	..do.....	3 22
4140	..do....	Mrs. I. Ellrod.....	..do.....	8 91
4141	..do....	D. S. Herriott.....	..do.....	6 36
4142	..do....	John Godsell.....	..do.....	3 03
4143	..do....	Pearl Hazen.....	..do.....	12 72
4144	..do....	R. S. McInnes.....	..do.....	7 02
4145	..do....	D. W. Shiveley.....	..do.....	8 79
4146	..do....	W. W. Meyer.....	..do.....	6 63
4147	..do....	R. A. Lumsden.....	..do.....	3 33
4148	..do....	G. F. Diefenbach.....	..do.....	3 27
4149	..do....	C. A. Fogel.....	..do.....	7 56
4150	..do....	W. C. Welch.....	..do.....	9 45
4151	..do....	W. D. Rohl.....	..do.....	14 22
4152	..do....	E. R. Canady.....	..do.....	4 35
4153	..do....	E. J. Percival.....	..do.....	2 95
4154	..do....	David Wilkens.....	..do.....	5 79
4155	..do....	T. F. Lyon.....	..do.....	9 46
4156	..do....	J. E. Henderson.....	..do.....	1 84



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
4157	Sept. 30	C. C. Gordon	Milk	\$ 8 41
4158	do.	G. M. Seeber	do.	6 09
4159	do.	H. I. Nelson	do.	4 37
4160	do.	J. H. Umbanhowar	do.	5 22
4161	do.	J. W. Anderson	do.	6 48
4162	do.	R. W. Graham	do.	5 92
4163	do.	J. M. Stickrod	do.	15 40
4164	do.	P. P. Dunn	do.	4 71
4165	do.	E. W. Smalley	do.	5 25
4166	do.	J. H. Schwengel	do.	10 32
4167	do.	James Freeman	do.	1 62
4168	do.	George Taylor	do.	4 66
4169	do.	John Weiss	do.	12 87
4170	do.	C. Allen	do.	1 99
4171	do.	T. A. McCracken	do.	2 67
4172	do.	J. A. R. Koch	do.	9 09
4173	do.	W. E. Leigh	do.	2 03
4174	do.	A. W. McDaniels	do.	4 63
4175	do.	I. H. Gordon	do.	8 82
4176	do.	W. E. Yount	do.	12 00
4177	do.	W. H. Gray	do.	5 85
4178	do.	E. F. Lyon	do.	9 98
4179	do.	Fred Thompson	do.	1 72
4180	do.	W. H. Webb	do.	4 71
4181	do.	J. B. Salliday	do.	9 30
4182	do.	O. W. Hampton	do.	6 43
4183	do.	M. Leigh	do.	5 94
4184	do.	G. H. Spencer	do.	1 86
4185	do.	J. M. Herriott	do.	11 46
4186	do.	C. C. Rayburn	do.	1 07
4187	do.	C. C. Logan	Salary, September, 1912.	150 00
4188	do.	J. B. Park	do.	150 00
4189	do.	Orr Allyn	do.	70 00
4190	do.	W. B. Gernert	do.	125 00
4191	do.	P. E. Karraker	do.	41 67
4192	do.	O. A. Randolph	Wages, September, 1912.	32 17
4193	do.	S. A. Rowland, Jr.	do.	33 97
4194	do.	Chas. Rodgers	do.	55 00
4195	do.	Winifed McIntosh	do.	10 00
4196	do.	M. J. Conley	do.	75 00
4197	do.	Elmer Jenkins	do.	55 00
4198	do.	Wm. Hough	do.	83 33
4199	do.	Fred Pine	do.	75 00
4200	do.	Elizabeth Pulling	do.	53 06
4001	do.	Olive G. Reid	do.	50 00
4202	do.	M. D. Rose	do.	52 50
4203	do.	Andrew Tornquist	do.	75 00
4204	do.	Geo. Nogle	do.	70 00
4205	do.	S. E. Ore	do.	55 00
4206	do.	Thomas Eddy	do.	47 50
4207	do.	Mabel Halliday	do.	60 00
4208	do.	Jas. Brown	do.	50 00
4209	do.	G. B. Brown	do.	75 00
4210	do.	Lucy M. Barto	do.	20 00
4211	do.	R. C. Glover	do.	50 00
4212	do.	H. H. Wheeler	do.	60 00
4213	do.	J. E. Thomas	do.	45 00
4214	do.	C. G. Cox	do.	32 50
4215	do.	T. P. Crawford	do.	47 50
4216	do.	H. Foor	do.	50 00
4217	do.	Margaret C. Foss	do.	32 50
4218	do.	Will Patterson	do.	45 00
4219	do.	L. A. Hunter	do.	70 00
4220	do.	P. N. Davis	do.	13 65
4221	do.	W. L. Bennett	do.	60 00
4222	do.	W. T. Craig	do.	83 33
4223	do.	W. W. Rash	do.	40 00
4224	do.	Alpha Tornquist	Wages, September 1-23, 1912.	35 53
4225	do.	A. W. Fischer	Wages, September, 1912.	83 33
4226	do.	H. E. Crouch	do.	115 00
4227	do.	E. M. Clark	do.	60 00
4228	do.	G. W. Beardsley	do.	38 54
4229	do.	H. K. Baltzer	do.	55 00
4230	do.	W. W. Yapp	do.	70 00
4231	do.	Loretta White	do.	60 00
4232	do.	Cornelius Stocker	do.	75 00
4233	do.	Lillian Smith	do.	50 00
4234	do.	Ethel Sharp	do.	35 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
4235	Sept. 30	Ruah Loveless.....	Wages, September, 1912.....	\$ 50 00
4236	..do.	A. F. Krueger.....	..do.	65 00
4237	..do.	Earl Garver.....	..do.	65 00
4238	..do.	J. R. Kelley.....	..do.	52 50
4239	..do.	G. M. Hinkley.....	..do.	50 00
4204	..do.	F. W. Gault.....	..do.	80 00
4241	..do.	O. I. Ellis.....	..do.	50 00
4242	..do.	J. T. Newsome.....	..do.	60 00
4243	..do.	C. L. Munroe.....	..do.	18 27
4244	..do.	Mary Millar.....	..do.	65 00
4245	..do.	J. C. Anderson.....	..do.	65 00
4246	..do.	Freda O. Stricklan.....	..do.	65 00
4247	..do.	Flora M. Sims.....	..do.	83 33
4238	..do.	R. S. Smith.....	..do.	45 00
4249	..do.	Alice Reed.....	..do.	50 00
4250	..do.	Emma L. Custer.....	..do.	70 00
4251	..do.	C. C. Chapman.....	..do.	83 33
4252	..do.	C. A. Campbell.....	..do.	60 00
4253	..do.	G. E. Miller.....	..do.	83 33
5254	..do.	W. A. McIntire.....	..do.	50 00
4255	..do.	John Lankford.....	..do.	60 00
4256	..do.	Melvin Thomas.....	..do.	17 50
4257	..do.	H. F. T. Fahrnkopf.....	Wages, September 1-14, 1912.....	23 08
4258	..do.	V. P. Smith.....	Wages, September 1-4, 1912.....	5 19
4259	..do.	H. C. Gilkerson.....	Wages, September 1-7, 1912.....	11 54
4260	..do.	Marion B. Gallaher.....	Wages, September 9-21, 1912.....	32 31
4261	..do.	J. B. Andrews.....	Wages, September 1-12, 1912.....	20 76
4262	..do.	Wm. Kelley.....	Wages, September, 1912.....	47 50
4263	..do.	Jesse Cook.....	..do.	47 50
4264	..do.	Robert Cook.....	..do.	47 50
4265	..do.	Fred Mooney.....	..do.	47 50
4266	..do.	Roy Mount.....	..do.	50 00
4267	..do.	Ed. Myers.....	..do.	47 50
4268	..do.	Harold Dial.....	..do.	47 50
4269	..do.	W. J. Engle.....	..do.	60 00
4270	..do.	E. L. Ensminger.....	..do.	60 00
4271	..do.	Roy Argo.....	..do.	50 00
4272	..do.	Clyde Hamlin.....	..do.	56 71
4273	..do.	J. E. Miller.....	Scholarship, September, 1912.....	25 00
4274	..do.	Sappho C. Graham.....	..do.	25 00
4275	..do.	I. M. Wormser.....	Salary, September, 1912.....	153 33
4276	..do.	Twin City Ice & Cold Storage Co.....	Ice.....	60 00
4277	..do.	Horace Stunkard.....	Salary, September, 1912.....	30 00
4278	..do.	G. E. Simpson.....	..do.	10 00
4279	..do.	L. G. Painter.....	..do.	120 00
4280	..do.	H. E. Murdock.....	..do.	133 33
4281	..do.	C. A. Ludwig.....	..do.	30 00
4282	..do.	A. C. Krey.....	..do.	140 00
4283	..do.	S. P. Farwell.....	..do.	140 00
4284	..do.	R. A. Deutcher.....	..do.	60 00
4285	..do.	Roy Carter.....	..do.	100 00
4286	..do.	W. E. Burge.....	..do.	166 66
4287	..do.	S. J. Buck.....	..do.	116 66
4288	..do.	Madison Bentley.....	..do.	250 00
4289	..do.	Ruth S. Atwell.....	..do.	60 00
4290	..do.	Louise A. Lietz.....	..do.	35 00
4291	..do.	Winifred Fehrenkamp.....	..do.	70 00
4292	..do.	T. J. Showers.....	..do.	125 00
5293	..do.	E. J. Filbey.....	..do.	73 33
4294	..do.	Lillian Strong.....	..do.	32 00
4295	..do.	Myrtle E. Heater.....	..do.	55 00
4296	..do.	Gertrude Keech.....	..do.	30 00
4297	..do.	Thomas Peel.....	..do.	55 00
4298	..do.	L. F. Binding.....	..do.	70 00
4299	..do.	L. Utterback.....	Wages, September, 1912.....	50 00
4300	..do.	A. J. Stoneburner.....	..do.	45 00
4301	..do.	E. A. Schwing.....	..do.	31 15
4302	..do.	Willie Pritchard.....	..do.	42 87
4303	..do.	Rose Hegenbart.....	..do.	75 00
4304	..do.	W. L. Harry.....	..do.	83 33
4305	..do.	W. B. Atwell.....	..do.	47 25
4306	..do.	H. A. Cate.....	..do.	21 26
4307	..do.	Ruth Burt.....	..do.	50 00
4308	..do.	Zella Andrews.....	..do.	60 00
4309	..do.	W. M. Welty.....	..do.	47 50
4310	..do.	Chester Turner.....	..do.	48 95
4311	..do.	E. C. Terhune.....	..do.	47 78
4312	..do.	Earl Meenach.....	..do.	60 00
4313	..do.	C. I. Newlin.....	..do.	29 43

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
4314	Sept. 30	Leonard Dunlap	Wages, September, 1912	\$ 16 45
4315	do	Alfred Raut	do	32 03
4316	do	K. A. McCaskill	do	45 20
4317	do	R. C. Kastler	do	55 00
4318	do	John Balcom	do	55 00
4319	do	Etta Perry	Wages, September 16-30, 1912	27 50
4320	do	Marie C. Go don	Wages, September, 1912	40 00
4321	do	W. S. Goodspeed	do	33 33
4322	do	Hazel Rhoads	do	55 00
4323	do	Ralph Pritchard	do	55 00
4324	do	Harry Pritchard	do	60 00
4325	do	Lewis Donohue	do	50 00
4326	do	G. Donohue	do	45 00
4327	do	Claude Harrolle	do	40 00
4328	do	Louie Prizzell	do	40 00
4329	do	Pearl Cunningham	do	35 25
4330	do	Ralph Chaplin	do	60 00
4331	do	Frank Burton	do	15 00
4332	do	James Boswell	do	31 50
4333	do	Lawrence Engle	do	29 75
4334	do	Lloyd Morey	Salary, September, 1912	85 00
4335	do	Maude E. Meneley	do	50 00
4336	do	M. E. Thompson	do	85 00
4337	do	Connelius Stocker	Expenses	16 05
4338	do	W. A. Noyes	do	11 87
4339	do	D. F. McFarland	do	60 00
4340	do	R. M. Alden	do	5 65
4341	do	The Kny-Scheere Co.	Eye model	18 75
4342	do	The University Press	Printing	9 00
4343	do	Champaign Seed Co.	Seed	6 25
4344	do	The Breeders Gazette	Subscription	2 00
4345	do	Champaign Steam Laundry	Washing	58 50
4346	do	W. P. Carmicheal Co.	Sand	18 30
4347	do	Fairbanks, Morse & Co.	Grain testers	65 00
4348	do	Maud Parsons	Expenses	16 91
4349	do	Jennie C. Barlow	Services	18 00
4350	do	Sengbusch Self-Closing Inkstand Co.	Inkstands	9 00
4351	do	Reliable Plumbing & Heating Co.	Valves, etc.	50 58
4352	do	Internationa' Harvester Co.	Repairs	12 52
4353	do	The J. B. Ford Co.	Supplies	10 00
4354	do	D. M. Sims	Labor and materials	59 50
4355	do	W. J. Boehm	Glass apparatus	7 50
4356	do	Driver-Harris Wire Co.	Laboratory supplies	2 14
4357	do	W. L. Gaines	Expenses	54 69
4358	do	R. C. Kastler	do	25 16
4359	do	20th Century Press Clipping Bureau	Clippings	2 50
4360	do	Percival & Moorehead	Furniture	106 50
4361	do	P. Adams	Labor	113 61
4362	do	V. Jobst & Sons	Labor and material	280 00
4363	do	L. Gunlock	Labor	61 60
4364	do	Orr & Lockett Hardware Co.	Bench and vise	12 85
4365	do	Mills Electric Co	Fixture wire	10 23
4366	do	Henry Blattner	Slides	28 20
4367	do	Machinists Supply Co.	Laboratory supplies	71 43
4368	do	Weston Electric Instrument Co.	Repairs	48 15
4369	do	The Electric Storage Battery Co.	Terminal lugs	18 75
4370	do	A. B. McDaniel	Expenses	32 48
4371	do	I. O. Baker	do	15 57
4372	do	The Leeds & Northrup Co.	Galvanometer	81 40
4373	do	Westinghouse Electric & Mfg. Co.	Repairs	5 00
4374	do	Yarnall-Waring Co.	Laboratory apparatus	575 00
4375	do	H. H. Simmons	Expenses	5 04
4376	do	Hoskins Mfg. Co.	Repairs to furnace	14 00
4377	do	The William D. Gibson Co.	Springs	30
4378	do	American-LaFrance Fire Engine Co.	Fire hose	19 34
4379	do	D. Van Nostrand Co.	Books	2 25
4380	do	Medart Patent Pulley Co.	Pulleys	21 43
4381	do	Chas. H. Besly & Co.	Copper rods	20 70
4382	do	Ernst Leitz	Bell lars	4 50
4383	do	Geo Banta Publishing Co.	Printing	299 44
4384	do	R. G. Lewis	Books	75 00
4385	do	The Cincinnati Mfg. Co.	Iron mesh	4 75
4386	do	G. Cramer Dry Plate Co.	Negative	2 00
4387	do	Born Spray Pump Co.	Repair	1 16
4388	do	The Ideal Electric Co.	Bushing	1 80
4389	do	National Steam Specialty Co.	Air valves	8 40
4390	do	The Lawyers Cooperative Publishing Co.	Books	1 50
4391	do	The Boston Book Co.	Book	5 00
4392	do	G. W. Sheldon & Co.	Duties, etc.	7 71

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
4393	Sept. 30	The Willis Music Co. ....	Books .....	\$ 18 63
4394	..do..	The H. W. Wilson Co. ....	..do. ....	5 58
4395	..do..	Pan American Union .....	..do. ....	2 00
4396	..do..	H. J. Green .....	Thermometer tubes .....	24 10
4397	..do..	Meyer & Wenhe. ....	Rubber stamps .....	4 36
4398	..do..	The Adder Machine Co. ....	Ribbons and roll paper .....	9 50
4399	..do..	Chicago Watchmans Clock Works .....	Dials .....	15 00
4400	..do..	The Field & Shorb Co. ....	Die stock .....	8 00
4401	..do..	The Toledo Pipe Threading Machine Co. ....	Repairs .....	11 00
4402	..do..	Schaeffer & Budenberg Mfg. Co. ....	Clock repairs .....	3 05
4403	..do..	Sears, Roebuck & Co. ....	Canvas .....	7 20
4404	..do..	Chicago Flexible Shaft Co. ....	Oil burner .....	6 50
4405	..do..	Progressive Mfg. Co. ....	Spark plugs .....	9 00
4406	..do..	The Lukenheimer Co. ....	Cups and valve .....	14 86
4407	..do..	A. L. Moats .....	Field expenses .....	11 00
4408	..do..	Elmer Musgrove .....	..do. ....	72 00
4409	..do..	Leroy Her .....	..do. ....	109 45
4410	..do..	German Kali Works .....	Fertilizer .....	12 95
4411	..do..	Eugene Dietzgen Co. ....	Paper .....	1 31
4412	..do..	Funk Bros. Seed Co. ....	Seeds .....	42 50
4413	..do..	A. Hoen & Co. ....	Maps .....	1,839 00
4414	..do..	D. H. Stevenson .....	Expenses .....	38 20
4415	..do..	J. M. Lindgren .....	Services .....	125 00
4416	..do..	The Alexander Lumber Co. ....	Lumber, etc. ....	786 44
4417	..do..	E. H. Sargent & Co. ....	Laboratory supplies .....	100 26
4418	..do..	Bausch & Lomb Optical Co. ....	Laboratory supplies and apparatus .....	3,336 07
4419	..do..	Weston Electrical Instrument Co. ....	Voltmeters, etc. ....	135 00
4420	..do..	E. H. Sargent & Co. ....	Laboratory supplies .....	495 40
4421	..do..	The U. of I. Supply Store .....	Office supplies .....	354 79
4422	..do..	The Saffell Co. ....	Hardware, etc. ....	64 37
4423	..do..	Western Carbon & Ribbon Co. ....	Carbon paper .....	32 00
4424	..do..	Western Electric Co. ....	Electric supplies .....	106 60
4425	..do..	Champaign Gas & Electric Supply Co. ....	Electric supplies .....	9 15
4426	..do..	The Burr Co. ....	Foundry work .....	81 60
4427	..do..	Derrough & Co. ....	Hardware, etc. ....	27 75
4428	..do..	J. W. Butler Paper Co. ....	Paper .....	53 34
4429	..do..	Leavitt Mfg. Co. ....	Sash weights, etc. ....	36 04
4430	..do..	Geo. B. Carpenter & Co. ....	Belting, etc. ....	66 14
4431	..do..	Central Electric Co. ....	Electric appliances .....	70 97
4432	..do..	Automatic Electric Co. ....	Telephone supplies .....	41 00
4433	..do..	Ernest Lawrence .....	Loan .....	150 00
4434	..do..	Mabel E. Thorne .....	..do. ....	200 00
4435	..do..	J. A. Hunter .....	..do. ....	200 00
4436	..do..	E. B. Dickerson .....	..do. ....	200 00
4437	..do..	L. A. Boettiger .....	..do. ....	200 00
4438	..do..	Arthur L. Myers .....	..do. ....	200 00
4439	..do..	W. F. Blatherwick .....	..do. ....	100 00
4440	..do..	Mabel E. Schadt .....	..do. ....	150 00
4441	..do..	H. C. Moore .....	Salary, September, 1912 .....	20 00
4442	..do..	T. H. Whittin .....	Salary, August 1-5, 1912 .....	15 00
4443	..do..	A. B. McDaniel .....	Salary, September, 1912 .....	208 33
4444	..do..	C. W. Malcolm .....	..do. ....	150 00
4445	..do..	Eleanor G. Karsten .....	..do. ....	52 00
4446	..do..	Allie Lamb .....	..do. ....	45 00
4447	..do..	E. A. Rich .....	..do. ....	40 00
4448	..do..	A. O. Magnuson .....	Wages, September, 1912 .....	80 00
4449	..do..	Della Rogers .....	..do. ....	25 00
4450	..do..	K. G. Brown .....	..do. ....	39 30
4451	..do..	W. L. Peters .....	Wages, September, 1912 .....	20 00
4452	..do..	L. M. Appar .....	..do. ....	20 00
4453	..do..	L. Rosset .....	..do. ....	14 96
4454	..do..	Theodore Frison .....	..do. ....	13 75
4455	..do..	Jos. Davis .....	..do. ....	68 00
4456	..do..	E. P. Dibble .....	..do. ....	81 84
4457	..do..	T. J. Fay .....	Teaming .....	93 00
4458	..do..	F. Cunningham .....	Teaming .....	135 15
4459	..do..	John Ceduskey .....	Wages, September, 1912 .....	59 00
4460	..do..	D. M. Bullock .....	..do. ....	54 80
4461	..do..	Basil Brown .....	..do. ....	63 25
4462	..do..	Harry Brown .....	..do. ....	56 80
4463	..do..	C. E. Arrington .....	..do. ....	62 40
4464	..do..	W. M. Atwell .....	..do. ....	59 00
4465	..do..	J. E. Bailey .....	..do. ....	60 00
4466	..do..	Fred Langhoff .....	..do. ....	55 60
4467	..do..	Margaret Jones .....	..do. ....	43 20
4468	..do..	R. D. Hull .....	..do. ....	10 00
4469	..do..	Ross Hutton .....	..do. ....	58 20
4470	..do..	T. O. Henderson .....	..do. ....	100 45

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date	To whom.	For what.	Amount.
4471	1912.			
Sept. 30		Sell Hamlin.....	Wages, September, 1912..	\$54 00
4472	do.	C. Y. Freeman.....	do.	38 40
4473	do.	W. H. Graybeal.....	do.	62 00
4474	do.	C. E. Follansbee.....	do.	28 20
4475	do.	Louie Fender.....	do.	70 62
4476	do.	J. F. Purkins.....	do.	43 60
4477	do.	Frank Perry.....	do.	56 60
4478	do.	Jacob Nikolaus.....	do.	62 00
4479	do.	Ruthie E. Murphy.....	do.	54 00
4480	do.	Uriah Moreland.....	do.	51 00
4481	do.	J. E. Morgan.....	do.	10 00
4482	do.	Rebecca Morgan.....	do.	43 20
4483	do.	C. M. Miller.....	do.	54 60
4484	do.	O. E. Meenach.....	do.	58 60
4485	do.	Dan Meenely.....	do.	66 88
4486	do.	Frances E. McClughen.....	do.	43 20
4487	do.	Jas McCullough.....	do.	59 80
4488	do.	A. C. Litton.....	do.	61 20
4489	do.	Thos. Long.....	do.	70 84
4490	do.	A. J. McAllister.....	do.	65 20
4491	do.	E. C. Lewis.....	do.	65 40
4492	do.	Ed. Wharmby.....	do.	53 00
4493	do.	Geo. Turner.....	do.	57 80
4494	do.	Henry Turner.....	do.	61 60
4495	do.	Geo. Toy.....	do.	53 00
4496	do.	D. C. Sprinkle.....	do.	53 60
4497	do.	A. Servis.....	do.	37 60
4498	do.	H. L. Renaker.....	do.	96 72
4499	do.	Ed Richards.....	do.	8 80
4500	do.	Wm. Quinn.....	do.	33 20
4501	do.	John Garman.....	do.	22 00
4502	do.	Mary Ryan.....	do.	16 00
4503	do.	Bert Mathews.....	do.	8 80
4504	do.	Willie LeBlance.....	do.	38 20
4505	do.	Fred Hoover.....	do.	10 00
4506	do.	Elizabeth Muhleman.....	do.	26 72
4507	do.	H. H. Mahorney.....	do.	59 60
4508	do.	J. A. J. Klien.....	do.	68 60
4509	do.	P. S. Jeffers.....	do.	64 40
4510	do.	J. J. Fiscus.....	do.	58 60
4511	do.	R. W. Baldwin.....	do.	58 20
4512	do.	J. F. Long.....	do.	66 00
4513	do.	George Boyer.....	do.	22 00
4514	do.	Eleanor Hubbard.....	do.	16 00
4515	do.	R. W. Ritchey.....	do.	48 75
4516	do.	Elizabeth C. Peel.....	do.	50 20
4517	do.	Florence S. Stoutzenberg.....	do.	40 20
4518	do.	Edgar Hermann.....	do.	40 00
4519	do.	Bethel Clarke.....	do.	40 00
4520	do.	J. L. Gardner.....	do.	40 43
4521	do.	Paul Felle.....	do.	55 00
4522	do.	H. B. Ingalls.....	do.	75 00
4523	do.	Wm. Hire.....	do.	11 00
4524	do.	Alice V. Hamilton.....	do.	73 00
4525	do.	H. Simer.....	do.	29 42
4526	do.	C. A. Dunseith.....	do.	58 60
4527	do.	J. W. DuHamel.....	do.	40 08
4528	do.	A. J. Bookler.....	do.	52 00
4529	do.	F. Cathorne.....	do.	81 00
4530	do.	Wm. Leach.....	do.	81 00
4531	do.	A. Langhoff.....	do.	81 00
4532	do.	Ias. Irvine.....	do.	63 80
4533	do.	Frank Irvine.....	do.	63 30
4534	do.	W. G. Hixon.....	do.	61 30
4535	do.	Edward Hargan.....	do.	41 80
4536	do.	Samuel Hanson.....	do.	50 80
4537	do.	Wm. Fogarty.....	do.	51 30
4538	do.	Frank Fogarty.....	do.	63 80
4539	do.	Louis Pro.....	do.	80 25
4540	do.	Arthur Moran.....	do.	51 00
4541	do.	Wm. Tempdin.....	do.	51 30
4542	do.	John Snyder.....	do.	63 60
4543	do.	B. L. Reed.....	do.	15 94
4544	do.	V. H. Cartwright.....	do.	31 25
4545	do.	W. L. Howat.....	do.	86 40
4546	do.	Verna A. Manley.....	do.	97 20
4547	do.	Amos Wright.....	do.	
4548	do.	Chas. Hill.....	do.	

GENERAL UNIVERSITY WARRANTS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
4549	Sept. 30	Earl Davies.....	Wages, September, 1912.....	\$ 30 28
4550	do.....	H. P. Ottman.....	do.....	32 50
4551	do.....	H. M. Milliken.....	do.....	46 55
4552	do.....	Anna Cradborne.....	do.....	26 66
4553	do.....	F. F. Franklin.....	do.....	27 80
4554	do.....	Wm Langhoff.....	do.....	64 35
4555	do.....	H. B. Kezle.....	do.....	125 00
4556	do.....	B. L. Burling.....	do.....	70 00
4557	do.....	O. W. Van Patten.....	do.....	10 40
4558	do.....	Bertha G. States.....	do.....	50 00
4559	do.....	F. R. Hooker.....	do.....	25 40
4560	do.....	G. H. Radenbaugh.....	do.....	20 93
4561	do.....	T. W. Dieckmann.....	do.....	34 63
4562	do.....	Burt Hays.....	do.....	58 50
4563	do.....	Katie L. E. Humrichouse.....	do.....	36 37
4564	do.....	R. S. Seese.....	do.....	25 09
4565	do.....	John Bramigan.....	do.....	89 33
4566	do.....	John Begley.....	do.....	27 40
4567	do.....	Wm. Wascher.....	do.....	67 20
4568	do.....	E. L. Thrupp.....	do.....	93 60
4569	do.....	C. L. Struble.....	do.....	86 40
4570	do.....	Martin Sandwell.....	do.....	75 60
4571	do.....	Louis Orbant.....	do.....	93 60
4572	do.....	J. L. Martin.....	do.....	14 40
4573	do.....	Wesley Hoffman.....	do.....	93 60
4574	do.....	J. E. Stark.....	do.....	14 40
4575	do.....	C. J. Slevert.....	do.....	12 00
4576	do.....	Frank Kopf.....	do.....	11 00
4577	do.....	R. W. Cox.....	do.....	19 00
4578	do.....	F. H. Whitlum.....	do.....	12 40
4579	do.....	L. D. Lahr.....	do.....	40 87
4580	do.....	M. L. Nebel.....	do.....	22 50
4581	do.....	S. T. Wallace.....	do.....	47 84
4582	do.....	G. W. Porter.....	do.....	60 00
4583	do.....	F. H. Collyer.....	do.....	7 50
4584	do.....	Thos. Butler.....	do.....	64 12
4585	do.....	W. M. Birdzell.....	do.....	74 75
4586	do.....	E. W. Justus.....	do.....	108 00
4587	do.....	C. H. Haven.....	do.....	120 00
4588	do.....	Fred Fender.....	do.....	78 96
4589	do.....	J. R. Newton.....	do.....	70 38
4590	do.....	Jesse Myers.....	do.....	63 90
4591	do.....	M. W. Murphy.....	do.....	110 25
4592	do.....	Wm. Wilde.....	do.....	90 00
4593	do.....	A. Warmbler.....	do.....	60 06
4594	do.....	L. F. Tilton.....	do.....	67 85
4595	do.....	Frank Stahler.....	do.....	67 62
4596	do.....	W. J. Smith.....	do.....	112 00
4597	do.....	Walter Jones.....	do.....	57 60
4598	do.....	J. S. Clark.....	do.....	92 00
4599	do.....	T. N. Jones.....	do.....	34 56
4600	do.....	Edward Berbaum.....	do.....	66 83
4601	do.....	H. J. Vanderbeck.....	do.....	57 50
4602	do.....	G. H. Rely.....	do.....	68 60
4603	do.....	J. S. Mines.....	do.....	74 20
4604	do.....	Frank Middleton.....	do.....	19 04
4605	do.....	Whitaker Mattoon.....	do.....	40 38
4606	do.....	Pearl Cook.....	do.....	46 00
4607	do.....	D. Vanble.....	do.....	70 35
4608	do.....	Guy Fox.....	do.....	66 90
4609	do.....	M. C. Boohar.....	do.....	92 00
4610	do.....	Ethel V. Manley.....	do.....	55 00
4611	do.....	Pete Davis.....	do.....	70 66
4612	do.....	W. H. Clark.....	do.....	97 20
4613	do.....	V. H. Barnes.....	do.....	88 00
4614	do.....	J. H. Vandiventer.....	do.....	93 60
4615	do.....	Wesley Wilson.....	do.....	92 40
4616	do.....	S. A. Porter.....	do.....	44 80
4617	do.....	John Miller.....	do.....	43 00
4618	do.....	Donna Merchant.....	do.....	78 66
4619	do.....	Harry Higgins.....	do.....	90 00
4620	do.....	J. C. Fiscus.....	do.....	93 60
4621	do.....	B. L. Hofferly.....	do.....	59 85
4622	do.....	Howard Downing.....	do.....	45 00
4623	do.....	J. B. Hutchings Jr.....	do.....	46 65
4624	do.....	Marton E. Sparks.....	Rental.....	15 00
4625	do.....	L. C. Smith & Bros. Typewriter Co.....	Rental.....	198 25
4626	do.....	Goder-Heimann Co.....	Statuses.....	229 85
4627	do.....	Laura B. Evans.....	Expenses.....	

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
4628	Sept. 30	E. R. Ludwig	Allowance	\$ 400 00
4629	do	G. E. Simpson	Wages, September, 1912	18 75
4630	do	The Home Telephone Co.	Service	100 00
4631	do	Jacob Reeds Sons, Inc.	Sabers, belts, etc.	90 25
4632	do	J. R. Wells	Salary, September, 1912	70 00
4633	do	Peoria Cordage Co.	Sisal	36 90
4634	do	Wm. Hix	Dirt	80 00
4635	do	P. F. Meharry	Rent of horse	13 50
4636	do	P. P. Capron & Brother	Plastic reproductions	699 50
4637	do	S. W. Boardman	Lumber, etc.	138 72
4638	do	C. J. Welch	Concrete work	94 45
4639	do	B. L. Morehouse	Wages, September, 1912	85 00
4640	do	Robert Pergande	do	85 00
4641	do	T. D. Yensen	do	100 00
4642	do	Fairbanks-Morse & Co.	Pump	475 00
4643	do	Ernst Hertzberg & Sons	Bookbinding	383 22
4644	do	Ernst Hertzberg & Sons	do	287 29
4645	do	Ernst Hertzberg & Sons	do	243 52
4646	do	S. O. Andros	Balance salary, September, 1912	25 00
4647	do	H. A. Hollister	Expenses	30 09
4648	do	J. L. Rich	do	3 91
4649	do	John Ross	Sacks	25 00
4650	do	Edward Bartow	do	107 50
4651	Oct. 1	Glenn Dillard Dunn	Recital	100 00
4652	do	C. G. MacArthur	Salary, September, 1912	150 00
4653	do	Walrus Mfg. Co.	Furniture	57 00
4654	do	The Burr Co.	Payment on contract	4,426 00
4655	Oct. 2	O. O. Stanley	Services	8 00
4656	do	The Leeds & Northrup Co.	Laboratory apparatus	115 55
4657	do	Hugh Glasgow	Salary, September, 1912	60 00
4658	do	Ernest Kessler	do	60 00
4659	do	O. H. Moore	do	110 00
4660	do	G. M. Smith	do	133 33
4661	do	H. P. Corson	Expenses	3 60
4662	do	John Crerar Library	Cards	20 00
4663	do	C. B. Busey	Corn	653 54
4664	do	Frank Barrett	Wages, September, 1912	14 41
4665	do	Stanley Wilkins	do	10 77
4666	do	J. A. Sackrison	do	15 05
4667	do	Louis Eschwazier	do	36 66
4668	do	Evalena Bowen	do	19 07
4669	do	S. J. Buck	Expenses	11 30
4670	do	T. L. Cole	Books	11 60
4671	do	T. H. Flood & Co.	do	13 00
4672	do	J. T. Newsome	Expenses	32 94
4673	do	J. E. Readhimer	do	223 53
4674	do	G. M. Hinkley	do	57 82
4675	do	J. R. Midyett	Field expenses	84 90
4676	do	John Berlin	do	118 02
4677	do	J. H. Pettit	Expenses	9 42
4678	do	W. W. Lindley, Postmaster	Postage	325 12
4679	do	G. E. Wright	Wages, September, 1912	98 75
4680	do	Asa Denman	do	73 50
4681	do	C. P. Griffith	do	55 19
4682	do	A. Bevis	do	158 40
4683	do	Frank Hardy	do	75 00
4684	do	Ora Smith	do	75 00
4685	do	H. H. Crawford	do	33 63
4686	do	H. O. Smith	do	72 00
4687	do	C. A. Denman	do	109 35
4688	do	A. Baumgartner	do	75 00
4689	do	O. E. Staples, Chief Clerk	Students' payroll	253 95
4690	do	O. E. Staples, Chief Clerk	Freight	203 19
4691	do	O. E. Staples, Chief Clerk	Rebates to students	676 75
4692	do	O. E. Staples, Chief Clerk	Sundry bills	72 15
4693	do	R. I. Fieg	Salary, September, 1912	50 00
4694	Oct. 3	Cable Piano Co.	Piano	982 00
4695	do	Wm. Lewis & Sons	Violin and repairs	54 81
4696	do	Goder-Heimann Co.	Charts	41 50
4697	do	Houser & Sutton	Hay	227 82
4698	do	Jacob White	Repairing plaster	14 00
4699	do	J. W. Dunlap	Payment on contract	350 00
4700	do	John B. Bennett	Heating tunnel	1,397 65
4701	do	W. Carbys Zimmerman	Services	415 00
4702	do	American Drafting Furniture Co.	Furniture	175 00
4703	do	Champaign & Urbana Water Co.	Water	37 50
4704	do	Geo. Banta Publishing Co.	Reprints	54 04
4705	do	C. J. Welch	Concrete work	510 00
4706	do	Lloyde Bank Limited	Books	10 40

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
4707	Oct. 3	Bryan-Marsh Electric Works.....	Lamps.....	\$204 40
4708	do.	Electric Coal Co.....	Coal.....	795 36
4709	do.	W. M. Welch Co.....	Certificates.....	38 00
4710	do.	Brown & Custer.....	Hardware, etc.....	39 78
4711	do.	Winger & Clevidence.....	Lumber, etc.....	675 20
4712	do.	Pantagraph Printing & Stationery Co.....	Printing.....	147 26
4713	do.	Ralph Engle.....	Wages, September, 1912.....	49 35
4714	do.	J. E. Morgan.....	do.....	33 00
4715	do.	W. A. Beasley.....	Labor and materials.....	141 57
4716	Oct. 4	E. H. Swigert.....	Tuning pianos.....	41 50
4717	do.	H. I. Carpenter.....	do.....	8 75
4718	do.	G. C. Bainum.....	Loan.....	100 00
4719	do.	Vera Beyer.....	do.....	125 00
4720	do.	L. M. Fort.....	do.....	200 00
4721	do.	J. E. Stark.....	do.....	150 00
4722	do.	A. L. Epstein.....	do.....	200 00
4723	do.	F. M. Simpson.....	Expenses.....	4 75
4724	do.	Bernard Quaritch.....	Books.....	28 97
4725	do.	D. S. Fox.....	Expenses.....	58 75
4726	do.	L. R. Lang.....	do.....	11 22
4727	do.	H. F. Rhodes.....	do.....	54 25
4728	do.	E. G. Misner.....	do.....	52 17
4729	do.	F. A. Pearson.....	do.....	142 77
4730	do.	N. W. Hepburn.....	do.....	11 35
4731	do.	Max Th. Edelmann & Sohn.....	Laboratory supplies.....	1 60
4732	do.	J. Terquem & Cie.....	Books.....	1 81
4733	do.	National Mosiac Tile Co.....	Tile.....	593 70
4734	do.	Paul Gottschalk.....	Books.....	4 39
4735	do.	Dodd-Mead & Co.....	do.....	110 00
4736	do.	J. Ricker.....	do.....	111 20
4737	do.	Joseph Baer & Co.....	do.....	34 58
4738	do.	S. O. Andros.....	Expenses.....	71 33
4739	do.	Y. M. C. A.....	Printing.....	250 00
4740	do.	D. P. Hollis.....	Services.....	2 00
4741	do.	R. W. Dickenson.....	Expenses.....	65 27
4742	do.	H. W. Stewart.....	do.....	79 00
4743	do.	W. H. Sachs.....	do.....	16 95
4744	do.	Albert Tate.....	Field expenses.....	95 00
4745	do.	Frank Morgan.....	do.....	58 26
4746	do.	J. A. Rumer.....	do.....	39 65
4747	do.	G. W. Matheny.....	do.....	85 30
4748	do.	Wm. Aten, Sr.....	do.....	64 74
4749	do.	The Letter Shop.....	Mimeographing.....	75 30
4750	do.	L. C. Smith & Bros. Typewriter Co.....	Rental.....	25 00
4751	Oct. 5	C. W. Davis.....	Stone work.....	33 25
4752	do.	National Dictograph Co.....	Rental.....	10 50
4753	do.	Library of Congress.....	Deposit for cards.....	75 00
4754	do.	Jacquin & Co.....	Office supplies.....	78 30
4755	do.	Jolly-Wieland & Richardson Co.....	Hardware, etc.....	103 98
4756	do.	J. M. Webb.....	Expenses.....	64 45
4757	do.	P. J. Batkin.....	Salary, September, 1912.....	40 00
4758	do.	T. G. Goodwin.....	do.....	75 00
4759	do.	Frances Simpson.....	Balance salary, September, 1912.....	25 00
4760	do.	L. R. Sarrett.....	Salary, September, 1912.....	80 00
4761	do.	E. J. Reece.....	do.....	150 00
4762	do.	T. W. Baldwin.....	Hardware, etc.....	96 47
4763	do.	W. G. Stronquist.....	Salary, September, 1912.....	100 00
4764	do.	P. Adams.....	Labor, teaming, etc.....	361 47
4765	do.	The Western Gas Fixture Co.....	Electrical fixtures.....	350 13
4766	Oct. 7	S. W. Parr.....	Expenses.....	3 85
4767	do.	F. M. Simpson.....	do.....	21 20
4768	do.	Augusta D. Evans.....	do.....	30 27
4769	do.	Grace Stevens.....	Salary, September, 1912.....	90 00
4770	do.	Wm. Dietrich.....	do.....	200 00
4771	do.	Samuel Hart.....	Wages, September, 1912.....	84 00
4772	do.	G. W. Dowrie.....	Expenses.....	19 87
4773	do.	J. C. Miller.....	Horse hire.....	28 00
4774	do.	B. S. Prickett.....	Expenses.....	19 90
4775	do.	J. J. Gardner.....	do.....	14 84
4776	do.	August Ceweke.....	do.....	18 20
4777	do.	Ralph Chaplin.....	Wages, September, 1912.....	27 00
4778	do.	Henry Pfau.....	Field expenses.....	57 22
4779	do.	C. V. Gregory.....	Expenses.....	26 32
4780	do.	A. N. Abbott.....	do.....	47 37
4781	do.	W. W. Lindley, Postmaster.....	Postage.....	52 27
4782	Oct. 8	Bronson Barlow.....	Salary, September, 1912.....	50 00
4783	do.	Mary S. Snyder.....	Interest.....	300 00
4784	do.	Margaret B. Cob.....	Fellowship, September, 1912.....	30 00
4785	do.	H. A. Hollister.....	Expenses.....	21 80



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
4786	Oct. 8	L. W. Miller.....	Copying lists.....	\$ 1 00
4787	do.	F. M. Goodman.....	Salary, September, 1912.....	100 00
4788	do.	Blue Line Transfer Co.....	Freight, etc.....	2 25
4789	do.	C. I. Newlin.....	Wages, September, 1912.....	75 00
4790	do.	H. F. Ferguson.....	Expenses.....	9 60
4791	do.	O. E. Staples, Chief Clerk.....	Freight.....	531 99
4792	do.	O. E. Staples, Chief Clerk.....	Express.....	.62 87
4793	do.	O. E. Staples, Chief Clerk.....	Students' payroll.....	342 61
4794	do.	J. M. Stickrod.....	Milk.....	23 49
4795	do.	R. W. Graham.....	do.....	3 64
4796	do.	P. P. Dunn.....	do.....	5 18
4797	do.	E. W. Smalley.....	do.....	7 16
4798	do.	J. H. Schwengel.....	do.....	17 72
4799	do.	Jas. Freeman.....	do.....	8 07
4800	do.	G. Taylor.....	do.....	8 07
4801	do.	John Weiss.....	do.....	18 41
4802	do.	C. Allen.....	do.....	1 32
4803	do.	T. A. McCracken.....	do.....	8 06
4804	do.	H. H. Woodard.....	do.....	10 57
4805	do.	J. A. R. Koch.....	do.....	9 98
4806	do.	W. E. Leigh.....	do.....	3 26
4807	do.	A. W. McDaniel.....	do.....	6 67
4808	do.	I. H. Gordon.....	do.....	15 22
4809	do.	W. E. Yount.....	do.....	11 81
4810	do.	W. H. Gray.....	do.....	7 97
4811	do.	S. Atchinson.....	do.....	1 64
4812	do.	E. F. Lyons.....	do.....	9 92
4813	do.	O. W. Hampton.....	do.....	5 77
4814	do.	Fred Thompson.....	do.....	5 83
4815	do.	W. H. Webb.....	do.....	4 12
4816	do.	J. B. Salliday.....	do.....	11 50
4817	do.	M. Leigh.....	do.....	9 70
4818	do.	J. M. Herriott.....	do.....	11 84
4819	do.	T. P. Lyon.....	do.....	13 89
4820	do.	J. E. Henderson.....	do.....	4 59
4821	do.	C. C. Gordon.....	do.....	7 88
4822	do.	G. M. Seeber.....	do.....	14 38
4823	do.	H. I. Nelson.....	do.....	12 84
4824	do.	A. R. Grindley.....	do.....	2 13
4825	do.	J. H. Umbanhouer.....	do.....	10 94
4826	do.	J. W. Anderson.....	do.....	3 19
4827	do.	D. W. Shiveley.....	do.....	8 99
4828	do.	W. W. Meyer.....	do.....	4 90
4829	do.	R. A. Lumsden.....	do.....	2 88
4830	do.	Z. C. Keene.....	do.....	9 83
4831	do.	G. F. Diefenbach.....	do.....	2 41
4832	do.	C. A. Fogel.....	do.....	5 86
4833	do.	J. C. Chapman.....	do.....	3 69
4834	do.	W. C. Welch.....	do.....	10 42
4835	do.	W. D. Rohl.....	do.....	18 41
4836	do.	E. R. Canady.....	do.....	6 45
4837	do.	F. M. Webb.....	do.....	4 09
4838	do.	John McCullough.....	do.....	17 98
4839	do.	E. J. Percival.....	do.....	1 76
4840	do.	David Wilkins.....	do.....	8 46
4841	do.	George Herriott.....	do.....	14 94
4842	do.	C. W. Hamm.....	do.....	3 46
4843	do.	H. J. Moorehouse.....	do.....	11 56
4844	do.	T. M. Ghere.....	do.....	10 23
4845	do.	W. F. Hampton.....	do.....	1 83
4846	do.	I. H. Besore.....	do.....	6 31
4847	do.	W. H. Frame.....	do.....	5 92
4848	do.	S. Kaufman.....	do.....	15 76
4849	do.	Mrs. I. Ellrod.....	do.....	9 49
4850	do.	F. W. Howell.....	do.....	3 72
4851	do.	D. S. Herriott.....	do.....	5 55
4852	do.	John Godell.....	do.....	4 84
4853	do.	P. Hazen.....	do.....	14 69
4854	do.	R. S. McInnes.....	do.....	8 62
4855	do.	S. Guinn.....	do.....	6 73
4856	do.	F. H. Busey.....	do.....	8 23
4857	do.	L. F. Lindsey.....	do.....	6 39
4858	do.	G. C. Gordon.....	do.....	11 20
4859	do.	G. W. Van Meter.....	do.....	19 53
4860	do.	Frank Knox.....	do.....	7 75
4861	do.	J. E. Haney.....	do.....	18 66
4862	do.	J. M. Smith.....	do.....	7 19
4863	do.	J. B. Marsh.....	do.....	1 00
4864	do.	Cora Stacker.....	do.....	14 40

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
4865	Oct. 8	J. C. Anderson	Milk	\$ 6 48
4866	do	J. F. Hoy	do	8 16
4867	do	C. J. Gillespie	do	4 22
4868	do	B. Jordan	do	9 92
4869	do	D. A. Silver	do	2 17
4870	do	L. P. Rayburn	do	7 13
4871	do	H. H. Buhs	do	4 40
4872	do	E. P. Grove	do	3 26
4873	do	E. Grove	do	6 70
4874	do	Len Rayburn	do	7 91
4875	do	H. C. Kaufman	do	7 30
4876	do	George Schiff	do	15 16
4877	do	A. F. Dyson	do	3 52
4878	do	C. Ross	do	9 42
4879	do	Lou Creiger	do	6 70
4880	do	N. Hahn	do	11 19
4881	do	H. Wascher	do	28 61
4882	do	S. Herriott	do	3 04
4883	do	F. W. Taylor	do	3 10
4884	do	R. T. Lumsden	do	1 91
4885	do	T. F. Jordan	do	26 78
4886	Oct. 9	Wilhelm Miller	Expenses	65 00
4887	do	The Midget Novelty Co.	Stapler	1 43
4888	do	The Beardsley Hotel Co.	Hotel bill	4 00
4889	do	S. E. Dillavon	Gate	4 50
4890	do	Indianapolis Blue Print & Supply Co.	Paper	3 50
4891	do	Tech Typewriting Bureau	Typewriting	3 19
4892	do	Joseph T. Ryerson & Son	Steel	18 75
4893	do	Crosby Steam Gage & Valve Co.	Cord	6 00
4894	do	B. Barlow	Expenses	18 79
4895	do	Stone & Forsyth	Toweling	18 50
4896	do	R. A. Richards	Ribbons	8 82
4897	do	The American Crayon Co.	Crayons	10 00
4898	do	Geo. Banta Publishing Co.	Express	1 85
4899	do	Feldman System Mfg. Co.	Book-holder	1 00
4900	do	T. H. Craig	Clock	8 00
4901	do	Cable Piano Co.	Rental	12 00
4902	do	Office Specialties Co.	Crown keys	3 50
4903	do	Merck & Co.	Laboratory supplies	11 50
4904	do	L. C. Smith & Bros. Typewriter Co.	Machine	27 50
4905	do	The Shaw-Walker Co.	Office supplies	39 12
4906	do	G. H. Meyers	Straw	53 16
4907	do	Stover Mfg. Co.	Supplies	2 75
4908	do	Southern Illinois Penitentiary	Dry goods	28 15
4909	do	S. E. Dillavon	Twine, etc.	32 30
4910	do	C. E. Prentice	Oven	89 75
4911	do	W. T. Jewell	Feed	4 95
4912	do	L. K. Howse & Co.	Baskets	1 80
4913	do	E. M. Moll	Supplies	1 45
4914	do	C. A. Hall Hardware Co.	Hardware	6 40
4915	do	Henry Trevett	Grass seeder	1 25
4916	do	P. E. Campbell	Printing	8 00
4917	do	P. D. Foster	Labor and materials	94 81
4918	do	Burroughs Adding Machine Co.	Paper	5 25
4919	do	The Breeder's Gazette	Books	1 00
4920	do	A. H. Barber Creamery Supply Co.	Supplies	4 10
4921	do	W. A. Beasley	Labor	16 17
4922	do	C. C. Bailey	Cup leathers	1 50
4923	do	G. E. Amsbury	Dry goods	25 08
4924	do	J. W. Herriott	Hen	2 50
4925	do	Shuck Hardware Co.	Hardware	3 00
4926	do	Emerson Electric Mfg. Co.	Weights	1 12
4927	do	Durand Steel Locker Co.	Number plates	17 55
4928	do	John Heffernan	Jars	6 40
4929	do	General Chemical Co.	Laboratory supplies	243 40
4930	do	Fuller & Fuller Co.	Mercury	97 50
4931	do	M. A. Donohue & Co.	Printing	8 10
4932	do	Driver-Harris Wire Co.	Wire	21 78
4933	do	H. H. Wagner	Bags	12 48
4934	do	G. & W. Electric Specialty Co.	Potheads	10 90
4935	do	C. E. Smith	Labor	4 40
4936	do	McIntosh Stereopticon Co.	Lamp and rheostat	14 00
4937	do	Peoria Stone & Marble Works	Slate	34 50
4938	do	The A. E. Price Co.	Lettering doors	14 00
4939	do	Wm. Price Estate	Labor and materials	25 95
4940	do	Wm. Gaertner & Co.	Colored glass	6 00
4941	do	K. L. Van Auken	Expenses	6 50
4942	do	General Electric Co.	Apparatus	152 01
4943	do	Eagle Stamp Works	Stamps	9 15

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
4944	Oct. 9	Electric Appliance Co. ....	Lamp cord .....	\$ 14 20
4945	do.	Engineering News .....	Advertising .....	15 60
4946	do.	Hoskins Mfg. Co. ....	Repairs .....	5 45
4947	do.	The Carson-Payson Co. ....	Pipe .....	33 75
4948	do.	The Henry O. Shepard Co. ....	Books .....	20 00
4949	do.	Stone Bros. ....	Hardware .....	6 60
4950	do.	Olney Milling Co. ....	Feed .....	55 05
4951	Oct. 10	N. T. Pierce .....	White lead and oil ..	4 00
4952	do.	Hunter, Allen & Co. ....	Lime .....	3 75
4953	do.	The Gaddis Co. ....	Mattress .....	15 00
4954	do.	T. P. Baker .....	Hardware .....	7 74
4955	do.	The Baltimore & Ohio R. R. Co. ....	Rental .....	1 00
4956	do.	The American Law Book Co. ....	Books .....	7 25
4957	do.	B. Login & Son .....	do. ....	36 32
4958	do.	Koelling & Klappenbach ..	do. ....	3 10
4959	do.	G. D. Fuller .....	do. ....	3 00
4960	do.	C. S. Paine, Secretary ..	Dues .....	2 00
4961	do.	Goodspeeds Book Shop ..	Books .....	4 00
4962	do.	L. E. Goodman, Secretary ..	do. ....	1 00
4963	do.	Tice & Lynch .....	Entry fee .....	3 50
4964	do.	The Arthur H. Clark Co. ....	Books .....	2 00
4965	do.	Chivers Bookbinding Co. ....	do. ....	1 46
4966	do.	Chicago Medical Book Co. ....	do. ....	5 40
4967	do.	A. S. Clark .....	do. ....	8 67
4968	do.	T. L. Cole .....	do. ....	11 00
4969	do.	Bennetts Magazine Agency ..	Subscription .....	2 50
4970	do.	The Mining World .....	Book .....	1 50
4971	do.	P. Adams .....	Hauling furniture ..	15 00
4972	do.	The Toledo Pipe Threading Machine Co. ....	Repairs .....	9 25
4973	do.	National Carbon Co. ....	Carbons .....	12 30
4974	do.	Ingersoll-Rand Co. of Illinois ..	Brasses .....	9 00
4975	do.	American Steam Pump Co. ....	Pump and valves ..	42 20
4976	do.	Bryan-Marsh Electric Works ..	Lamps .....	36 50
4977	do.	The Carborundum Co. ....	Aloxite cloth .....	50 52
4978	do.	Bradner, Smith & Co. ....	Paper .....	11 40
4979	do.	A. Barr .....	Brick .....	30 12
4980	do.	Central Scientific Co. ....	Sieve .....	7 50
4981	do.	C. C. Smith .....	Signals .....	3 12
4982	do.	Illinois Press Clipping Bureau ..	Service .....	5 00
4983	do.	English Brothers .....	Payment on contract ..	9,592 05
4984	do.	John B. Bennett .....	Tile and pipe .....	22 55
4985	do.	Bean Spray Pump Co. ....	Repairs .....	4 37
4986	do.	The Boston Book Co. ....	Books .....	34 71
4987	do.	Eimer & Amend .....	Supplies .....	9 45
4988	do.	Flanigan-Pearson Co. ....	Printing .....	272 82
4989	do.	Eugene Dietzgen Co. ....	Paper and cloth .....	53 10
4990	do.	American Radiator Co. ....	Radiators .....	128 87
4991	do.	Derrough & Co. ....	Hardware, etc. ....	31 97
4992	do.	Automatic Electric Co. ....	Telephones, etc. ....	102 50
4993	do.	American Steam Gauge & Valve Mfg. Co. ....	Gauges, etc. ....	44 29
4994	do.	Hektograph Mfg. & Duplicator Co. ....	Refilling duplicator ..	3 25
4995	do.	White Line Steam Laundry ..	Washing .....	20 29
4996	do.	Montgomery Ward & Co. ....	Erasers .....	9 50
4997	do.	H. A. Wiersema .....	Loan .....	200 00
4998	do.	C. L. Reizner .....	do. ....	200 00
4999	do.	F. M. Colcord .....	do. ....	150 00
5000	do.	C. F. Hottes .....	Apparatus .....	109 50
5001	do.	Ernst Leitz .....	Apparatus .....	537 30
5002	do.	A. W. Nolan .....	Expenses .....	13 02
5003	do.	Tuttle & Clark .....	Brushes .....	15 00
5004	do.	G. A. Hosmer & Co. ....	Floor wax .....	18 20
5005	do.	H. P. Stinespring .....	Bran, hay, etc. ....	1,245 83
5006	do.	B. S. Pickett .....	Slides .....	24 00
5007	do.	Frank Fiscus .....	Straw .....	177 98
5008	do.	Alexander, Ward & Conover ..	Live stock .....	1,510 41
5009	do.	The Western Gas Fixture Co. ....	Clusters .....	128 25
5010	do.	A. J. Warren Brush Co. ....	Brushes .....	28 00
5011	do.	Harshaw, Fuller & Goodwin Co. ....	Laboratory supplies ..	69 64
5012	do.	C. J. Welch .....	Concrete work .....	2,278 23
5013	do.	The Lukenheimer Co. ....	Lubricators .....	16 06
5014	do.	Westerlin & Campbell Co. ....	Brine cooler .....	152 04
5015	do.	Peoria Stone & Marble Works ..	Slate .....	42 00
5016	do.	Western Stoneware Co. ....	Jars .....	10 70
5017	do.	Twin City Electric Co. ....	Labor .....	99 60
5018	do.	Jacob White .....	Plastering .....	512 80
5019	do.	D. M. Sims .....	Labor and teaming ..	89 25
5020	do.	Walrus Mfg. Co. ....	Furniture .....	463 00
5021	do.	Harry Derrough .....	Roofing .....	70 00
5022	do.	C. M. McConn .....	Expenses .....	21 69

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
5023	Oct. 10	The Adder Machine Co.	Adding machine.	\$ 243 71
5024	do.	Bryan-Maish Electric Works.	Lamps.	129 08
5025	do.	Armour Glue Works.	Glue.	42 00
5026	do.	John C. Moore Corporation.	Blanks.	30 00
5027	do.	H. C. Wheeler.	Expenses.	48 34
5028	do.	F. W. Gault.	do.	37 09
5029	do.	C. A. Campbell.	do.	75 94
5030	do.	A. F. Gustafson.	do.	9 63
5031	do.	A. L. Moats.	Field expenses.	28 70
5032	do.	Alfred Bergren.	do.	15 20
5033	do.	G. W. Medley.	do.	44 10
5034	do.	American Steel & Wire Co.	Fencing.	144 69
5035	do.	Dolese & Shepard Co.	Fertilizer.	72 72
5036	do.	Pantagraph Printing & Stationery Co.	Printing.	449 75
5037	do.	Paul Hansen.	Expenses.	100 60
5038	do.	Luitwieler Pumping Engine Co.	Pistons.	75 00
5039	do.	The Taylor Hardware Co.	Hardware.	14 03
5040	do.	Underwood Typewriter Co.	Machine and platen.	81 23
5041	do.	20th Century Press Clipping Bureau.	Clippings.	10 00
5042	do.	W. W. Walls & Co.	Lumber.	47 30
5043	do.	Western Electric Co.	Lamps, cords, etc.	11 98
5044	do.	R. A. Bowker Co.	Books.	17 00
5045	do.	M. M. Desmond.	Expenses.	3 38
5046	do.	W. J. Carmichael.	do.	6 80
5047	do.	B. E. Powell.	do.	26 61
5048	do.	Frison Carriage Shop.	Wheel and repairs.	15 75
5049	do.	W. W. Williams.	Wages, September, 1912.	42 00
5050	do.	H. A. Harding.	Expenses.	42 75
5051	do.	R. C. Kastler.	do.	5 34
5052	do.	H. J. Credicott.	do.	18 49
5053	do.	G. W. Beardsley.	do.	9 43
5054	do.	John Balcom.	do.	12 09
5055	do.	H. K. Baltzer.	do.	30 72
5056	do.	Callaghan & Co.	Books.	58 00
5057	do.	Crescent Coal & Mining Co.	Coal.	72 25
5058	do.	Nora Kirwan.	Salary, September, 1912.	41 66
5059	do.	Elizabeth Good.	do.	40 00
5060	do.	H. C. Gilkerson.	Part wages, September, 1912.	9 62
5061	do.	O. S. Fisher.	Expenses.	157 93
5062	do.	J. B. Andrews.	do.	14 91
5063	do.	Ralph Hilscher.	do.	45 29
5064	do.	Twin City Roofing & Sheet Metal Works.	Copper, etc.	72 53
5065	do.	R. C. Wagner & Son.	Setting plates, etc.	44 14
5066	do.	Walker & Mulliken.	Furniture.	36 50
5067	do.	Illinois State Penitentiary.	do.	173 00
5068	do.	G. C. Willis.	Dry goods.	26 76
5069	do.	E. H. Sargent & Co.	Laboratory supplies.	112 45
5070	do.	Western Carbon & Ribbon Co.	Carbon paper.	20 00
5071	do.	The Saffell Co.	Hardware, etc.	81 50
5072	do.	Illinois State Reformatory.	Printing.	652 25
5073	do.	Vaughan's Seed Store.	Seeds.	35 20
5074	do.	H. W. Johns-Manville Co.	Pipe covering, etc.	69 90
5075	do.	Knowlton & Bennett.	Drugs.	12 80
5076	do.	J. W. Butler Paper Co.	Paper.	76 22
5077	do.	Woldenberg & Schaar.	Laboratory supplies.	226 89
5078	do.	Twin City Printing Co.	Rubber stamps, etc.	31 60
5079	do.	H. Mueller Mfg. Co.	Hose cocks.	19 05
5080	do.	Keuffel & Esser Co.	Drawing paper.	19 15
5081	do.	Lemcke & Buechner.	Books.	24 15
5082	do.	H. Swannell & Son.	Drugs.	13 60
5083	do.	Sengbusch Selfclosing Inkstand Co.	Inkstands.	24 00
5084	do.	Machinists Supply Co.	Tools and supplies.	19 59
5085	do.	F. A. Wilske.	Repairs.	10 25
5086	do.	The Ideal Electric Co.	Electric supplies.	64 69
5087	do.	Library Bureau.	Truck, cards, etc.	69 28
5088	Oct. 12	G. E. Stechert & Co.	Books.	323 64
5089	do.	Ernst Hertzberg & Sons.	Bookbinding.	239 81
5090	do.	O. E. Staples, Chief Clerk.	Men's payroll.	1,481 85
5091	do.	F. K. Robeson.	Dry goods.	106 78
5092	do.	A. C. McClurg & Co.	Books, etc.	235 10
5093	do.	O. O. Stanley.	Supplies.	15 75
5094	do.	Geo. B. Carpenter & Co.	Belting and supplies.	45 87
5095	do.	Central Electric Co.	Electric supplies.	209 69
5096	do.	G. E. Stechert & Co.	Books.	200 48
5097	do.	Jas. B. Clow & Sons.	Pipe, plugs, etc.	98 16
5098	do.	The Burr Co.	Foundry work.	47 24
5099	do.	G. W. Sheldon & Co.	Duties, etc.	120 42
5100	do.	Ernst Hertzberg & Sons.	Bookbinding.	150 33
5101	do.	John H. Doyle.	Hardware, etc.	75 50

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
5102	Oct. 12	F. R. Smedley & Co.	Insurance.	\$ 54 30
5103	do.	G. A. Turell.	do.	54 30
5104	Oct. 16	Otis Percival.	Filling silos.	51 00
5105	do.	Boyd McDaniel.	Hauling.	50 00
5106	do.	O. E. Staples, Chief Clerk.	Rebates to students.	882 50
5107	do.	O. E. Staples, Chief Clerk.	Sundry bills.	47 17
5108	do.	W. W. Lindley, Postmaster.	Postage.	383 50
5109	do.	O. E. Staples, Chief Clerk.	Students' payroll.	577 92
5110	do.	O. E. Staples, Chief Clerk.	Freight.	62 90
5111	do.	O. E. Staples, Chief Clerk.	Men's payroll.	693 40
5112	Oct. 17	F. R. Watson.	Expenses.	13 80
5113	do.	T. A. Clark.	do.	337 80
5114	do.	H. A. Haugan.	Sundry bills.	150 00
5115	do.	Urbana Steam Laundry.	Washing.	3 36
5116	do.	Commanding Officer, Rock Island Ar- senal.	Repairs.	22 80
5117	do.	J. J. Burch.	List.	1 25
5118	do.	W. H. Smith.	Expenses.	9 80
5119	do.	Augusta D. Evans.	do.	5 00
5120	do.	D. O. Barto.	do.	4 90
5121	do.	J. J. Yoke.	do.	7 55
5122	do.	N. W. Hepburn.	do.	26 01
5123	do.	L. R. Lang.	do.	95 62
5124	do.	W. H. Galliher.	Field expenses.	78 25
5125	do.	J. H. Carter.	do.	175 12
5126	do.	Hoagland's Livery & Garage.	Livery bill.	12 00
5127	do.	Whiting Foundry Equipment Co.	Traveling crane.	585 82
5128	do.	Buffalo Forge Co.	Engine and fan.	580 50
5129	do.	O. S. Watkins.	Expenses.	41 31
5130	do.	B. S. Pickett.	do.	114 41
5131	do.	W. M. Welty.	do.	23 19
5132	do.	H. A. Hollister.	do.	15 07
5133	do.	E. E. Hoskins.	do.	87 21
5134	do.	C. W. Crabtree.	Field expenses.	60 75
5135	do.	G. E. Miller.	Expenses.	37 99
5136	do.	F. C. Bauer.	Expenses.	20 62
5137	do.	J. E. Whitechurch.	do.	93 47
5138	do.	G. B. Willis.	Field expenses.	23 10
5139	do.	P. D. Long.	do.	86 75
5140	do.	J. P. Aumer.	Expenses.	11 03
5141	do.	Stipes & Hecker.	Cement.	177 67
5142	Oct. 18	Fred L. Hatch.	Expenses.	80 49
5143	do.	Hyre & Stewart.	Payment on contract.	640 15
5144	Oct. 19	Chas. Fildes.	Butter.	5 80
5145	do.	R. J. Collier.	do.	6 68
5146	do.	W. R. Olinger.	do.	7 28
5147	do.	G. H. Bost.	do.	6 09
5148	do.	H. K. Duell.	do.	3 80
5149	do.	Monmouth Creamery Co.	do.	6 70
5150	do.	P. W. Petersen.	do.	5 80
5151	do.	Forest Creamery Co.	do.	10 08
5152	do.	O. W. Albright.	do.	3 26
5153	do.	Iuka Creamery Co.	do.	6 70
5154	do.	Farina Creamery Co.	do.	6 68
5155	do.	Clark Grove Creamery.	do.	5 80
5156	do.	H. Sherkutt.	do.	5 80
5157	do.	Wm. Kane.	do.	6 09
5158	do.	John Coleman.	do.	15 69
5159	do.	Watseka Creamery.	do.	2 39
5160	do.	P. Damgard.	do.	7 00
5161	do.	U. L. Curliss.	do.	7 28
5162	do.	Axel Larsen.	do.	6 09
5163	do.	Ava Creamery Co.	do.	5 09
5164	do.	O. C. Gerimur.	do.	10 73
5165	do.	B. W. Hofaker.	do.	8 99
5166	do.	F. Szerlong.	do.	10 73
5167	do.	Charleston Dairy.	do.	10 73
5168	do.	J. A. Taylor.	do.	3 38
5169	do.	A. Thorpe.	do.	4 09
5170	do.	A. Archibald.	do.	6 99
5171	do.	S. B. Cooksley.	do.	10 73
5172	do.	M. Jensen.	do.	6 70
5173	do.	Geo. Heppenstadt.	do.	3 80
5174	do.	C. C. Morse.	do.	7 54
5175	do.	S. Grimm.	do.	8 58
5176	do.	Fred Dehn.	do.	7 83
5177	do.	H. H. Whiting.	do.	7 25
5178	do.	G. J. Deardorf.	do.	6 09
5179	do.	P. J. Petersen.	do.	10 44

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
5180	Oct. 19	Spring Valley Creamery Co.	Butter.	\$ 3 24
5181	.do.	W. L. Richards.	.do.	6 16
5182	.do.	F. Grimm.	.do.	5 80
5183	.do.	H. E. Siegman.	.do.	3 80
5184	.do.	G. A. Cutler.	.do.	4 09
5185	.do.	H. Griffen.	.do.	6 09
5186	.do.	A. L. Radke.	.do.	6 09
5187	.do.	C. A. Nurell.	.do.	6 09
5188	.do.	W. F. Conway.	.do.	7 25
5189	Oct. 22	The Adams-Bagnall Electric Co.	Globes.	3 36
5190	.do.	The Holtzer-Cabot Electric Co.	Carbon brushes.	1 02
5191	.do.	American Steel & Wire Co.	Steel rope.	1 92
5192	.do.	Wm. Price Estate.	Supplies.	3 60
5193	.do.	Spencer Lens Co.	Laboratory supplies.	37 38
5194	.do.	Wards Natural Science Establishment.	Slides.	6 08
5195	.do.	P. S. Campbell.	Printing.	4 25
5196	.do.	A. L. A. Publishing Board.	Guides.	3 89
5197	.do.	Sengbush Self-Closing Inkstand Co.	Inkstands.	3 00
5198	.do.	Hjalmar Lundquist.	Supplies.	1 00
5199	.do.	Ernst Leitz.	Boxes.	5 00
5200	.do.	Woldenberg & Schaar.	Laboratory supplies.	245 30
5201	.do.	Stipes & Hecker.	Cement.	10 80
5202	.do.	L. C. Smith & Bros. Typewriter Co.	Supplies.	8 00
5203	.do.	The Taylor Hardware Co.	Rope and wire.	7 63
5204	.do.	John A. Salzer Seed Co.	Seeds.	8 75
5205	.do.	Simplex Time Recorder Co.	Sheets.	9 00
5206	.do.	J. C. Thomas.	Hardware, etc.	7 36
5207	.do.	Jacob White.	Plastering.	10 00
5208	.do.	Creamery Package Mfg. Co.	Dairy supplies.	70 35
5209	.do.	T. W. Wood & Sons.	Seeds.	3 82
5210	.do.	The Alexander Lumber Co.	Lumber, etc.	29 60
5211	.do.	Frank Moonan, Treasurer.	Subscription.	8 00
5212	.do.	Kimble Glass Co.	Jars.	11 19
5213	.do.	The Diamond Match Co.	Matches.	2 75
5214	.do.	P. D. Foster.	Labor and materials.	4 80
5215	.do.	Frison Carriage Shop.	Repairs.	1 00
5216	.do.	The American Multigraph Sales Co.	.do.	1 21
5217	.do.	A. Barr.	Brick.	10 85
5218	.do.	E. T. Benjamin.	Horse shoeing.	9 50
5219	.do.	A. H. Barber Creamery Supply Co.	Dairy supplies.	12 00
5220	.do.	The Breeders Gazette.	Copies.	2 00
5221	.do.	John Reichard.	Corn.	178 66
5222	.do.	Wm. Copper & Nephews.	Fluid dtp.	6 25
5223	.do.	F. S. Webster.	Copy holder.	2 00
5224	.do.	Standard Cap & Seal Co.	Caps and rings.	56 48
5225	.do.	Mills Electric Co.	Electric supplies.	19 32
5226	.do.	Maxim Chemical Co.	Soap.	9 00
5227	.do.	The U. S. Encaustic Tile Works.	Tile.	7 85
5228	.do.	Laclede Christy Clay Products Co.	Tile, brick, etc.	326 88
5229	.do.	Remington Typewriter Co.	Supplies.	8 25
5230	.do.	Buffalo Dental Mfg. Co.	Laboratory supplies.	4 25
5231	.do.	M. A. Donohue & Co.	Printing.	15 75
5232	.do.	Keuffel & Esser Co.	Liner.	9 75
5233	.do.	Pittsburgh Meter Co.	Meters.	30 29
5234	.do.	Crerar-Adams & Co.	Gongs.	6 46
5235	.do.	Harbison-Walker Refractories Co.	Brick.	16 50
5236	.do.	Footo Bros. Gear & Machine Co.	Gears.	21 00
5237	.do.	Curtis & Co. Mfg. Co.	Castings.	9 56
5238	.do.	F. M. Leslie.	Frame.	1 25
5239	.do.	Weston Electrical Instrument Co.	Repairs.	20 15
5240	.do.	American La-France Fire Engine Co.	Extinguishers.	4 50
5241	.do.	The American Florist Co.	Book.	3 00
5242	.do.	Hudson Book Co.	.do.	7 74
5243	.do.	L. Utterback.	Oats.	50 92
5244	.do.	American Society of Mechanical Engineers.	Books.	6 00
5245	.do.	American Hackney Horse Society.	.do.	3 00
5246	.do.	American Southdown Breeders Assn.	.do.	7 50
5247	.do.	M. H. Meyers.	Tinting.	13 80
5248	.do.	St. Louis Smelting & Refining Co.	Lead ore.	5 00
5249	.do.	Walrus Mfg. Co.	Locks.	4 55
5250	.do.	Western Valve Co.	Valves.	1 80
5251	.do.	Link Belt Co.	Belt-repairs.	7 50
5252	.do.	French Battery & Carbon Co.	Telo.	22 50
5253	.do.	G. M. Davis Regulator Co.	Valve.	7 50
5254	.do.	Henry Jacobs.	Furnishing list.	1 00
5255	.do.	P. Adams.	Teaming.	34 00
5256	.do.	Wingert & Clevidence.	Plow.	40 00
5257	.do.	The American Seeding Machine Co.	Repairs.	1 05

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
5258	Oct. 22	Corbon Cabinet Lock Co.	Locks and keys.	\$ 28 16
5259	do.	Southern Illinois Penitentiary	Fertilizer	12 39
5260	do.	D. T. Dobbins, Proprietor	Grinding corn.	2 35
5261	do.	Irving Pitt Mfg. Co.	Covers.	1 73
5262	do.	The Urbana Courier Co.	Advertising.	2 25
5263	do.	Meyer & Wenthe	Rubber stamps etc.	5 46
5264	do.	Medart Patent Pulley Co.	Pulleys	17 04
5265	do.	Joseph T. Ryerson & Son.	Steel.	120 51
5266	do.	Standard Oil Co.	Oil, etc.	78 49
5267	do.	F. K. Robeson	Dry goods.	9 99
5268	do.	Reliable Plumbing & Heating Co.	Labor and materials.	40 30
5269	do.	U. & C. Railway, Gas & Electric Co.	Gas and car tickets	482 66
5270	do.	Jas. H. Rice Co.	Glass	73 50
5271	do.	Chas. A. Hall Hardware Co.	Hardware, etc.	4 20
5272	do.	Green Street Pharmacy	Drugs.	5 35
5273	do.	E. H. Sargent & Co.	Laboratory supplies.	149 83
5274	do.	Leavitt Mfg. Co.	Labor and materials.	78 09
5275	do.	A. O. Magnuson.	Slides, prints, etc.	123 20
5276	do.	Central Electric Co.	Electrical supplies.	119 65
5277	do.	Mittendorf & Kiler	Furniture.	500 03
5278	do.	Bausch & Lomb Optical Co.	Laboratory supplies.	975 44
5279	do.	W. W. Walls & Co.	Lumber, etc.	303 71
5280	do.	Westinghouse Electric & Mfg. Co.	Meter, etc.	126 56
5281	do.	Western Electric Co.	Repairing motor.	12 33
5282	do.	Flanigan-Pearson Co.	Printing.	98 08
5283	do.	International Acheson Graphite Co.	Laboratory supplies.	12 56
5284	do.	J. W. Butler Paper Co.	Paper.	75 85
5285	do.	H. F. Chester	Drayage, etc.	33 09
5286	do.	Walker & Mulliken	Furniture.	362 06
5287	do.	Watson Faulkner	Drugs.	3 10
5288	do.	J. H. Doyle	Hardware, etc.	3 35
5289	do.	Pyrene Co.	Fire extinguishers.	73 00
5290	do.	H. P. Stinespring	Hay, etc.	175 47
5291	do.	Twin City Roofing & Sheet Metal Works	Solder, etc.	53 70
5292	do.	Eisner Grocery Co.	Groceries	14 04
5293	do.	Derrough & Co.	Hardware, etc.	8 75
5294	do.	General Electric Co.	Motors, etc.	198 26
5295	do.	Western Carbon & Ribbon Co.	Ribbons, carbons, etc.	26 70
5296	do.	The Miller Harness Co.	Harness, etc.	79 75
5297	do.	Illinois State Penitentiary.	Furniture.	117 50
5298	do.	Knowlton & Bennett.	Drugs.	41 40
5299	do.	Tablet & Ticket Co.	Tags, letters, etc.	44 27
5300	do.	Chicago & Alton R. R. Co.	Freight.	7 19
5301	do.	D. O. Barto.	Expenses.	47 76
5302	do.	F. L. Hatch.	do.	28 40
5303	do.	J. V. Stevenson.	do.	16 66
5304	do.	V. A. Place.	do.	6 75
5305	do.	W. F. Handschin.	do.	9 85
5306	do.	H. A. Reuhe.	do.	3 05
5307	do.	J. L. Edmonds	do.	27 44
5308	do.	H. N. Parker	do.	5 24
5309	do.	A. W. Fischer.	do.	43 87
5310	do.	H. P. Ottman.	do.	17 95
5311	do.	F. M. Mann.	do.	6 71
5312	do.	W. A. Ruth.	Field expenses	155 89
5313	do.	L. E. Foglesong.	Expenses.	73 05
5314	do.	F. C. Lincoln	do.	51 77
5315	do.	Constance B. Smith.	do.	1 85
5316	do.	Grace V. Swan	do.	6 50
5317	do.	H. A. Hollister	do.	23 14
5318	do.	F. W. Garrett.	do.	124 72
5319	do.	H. C. Wheeler.	do.	125 02
5320	do.	S. V. Holt.	do.	158 01
5321	do.	R. W. Dickenson.	do.	55 55
5322	do.	J. R. Wells	do.	25 84
5323	do.	The Dunhams, Wayne, Ill.	Services.	257 00
5324	do.	W. G. Stromquist.	Expenses.	14 17
5325	do.	McKey & Poague.	Rent.	500 00
5326	do.	C. F. Mason, Bursar.	Cards.	16 22
5327	do.	Library of Congress.	Card deposit.	75 00
5328	do.	F. C. Jorgeson & Co.	Furniture.	200 00
5329	do.	C. C. Short.	Horse shoeing.	8 75
5330	do.	Henry Troemner	Scale and weights.	98 40
5331	do.	John O. Smith.	Clock.	2 50
5332	do.	W. P. Carmichael Co.	Sand.	16 58
5333	do.	The University Club.	Entertaining.	6 80
5334	do.	Stover Mfg. Co.	Repairs.	2 75
5335	do.	Addressograph Co.	Addresses.	4 60
5336	do.	G. L. Koch.	Hay.	174 40

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
5337	Oct. 22	C. W. Balke.	Chickens.	8 33
5338	do.	Niemann Bros. Mfg. Co.	Wood and metal nests.	32 40
5339	do.	Enterprise Foundry & Fence Co.	Fencing, etc.	89 47
5340	do.	The Carl Bajohr L. C. Co.	Labor and materials.	66 37
5341	do.	Drake Marble & Tile Co.	Marble.	24 74
5342	do.	G. C. Willis.	Dry goods.	1 20
5343	do.	The Silica Syndicate, Ltd.	Laboratory apparatus.	110 65
5344	do.	New Jersey School Church Furniture Co.	Frames.	35 00
5345	do.	The J. Lang Electric Co.	Switchboard.	205 89
5346	do.	Weil Bros.	Pipe.	1,152 19
5347	do.	The Western Gas Fixture Co.	Lighting fixtures.	637 59
5348	do.	H. A. Dreer.	Seeds.	167 73
5349	do.	Goodspeeds Book Shop.	Books.	14 50
5350	do.	Pantagraph Printing & Stationery Co.	Printing.	184 92
5351	do.	Mangold-Alden Co.	Supplies.	3 32
5352	do.	J. Bowman.	Hardware, etc.	21 44
5353	do.	W. W. Stokes Co.	Carriage repairs.	29 80
5354	do.	Otto Harrassowitz.	Books.	79 54
5355	do.	J. Terquem & Cie.	do.	16 52
5356	do.	Joseph Baer & Co.	do.	2 40
5357	do.	Government of the Union of South Africa.	do.	1 00
5358	do.	Link Belt Co.	Carrier equipment.	500 00
5359	do.	Coal Age.	Subscription.	3 00
5360	do.	Chicago Retort & Fire Brick Co.	Tile.	120 00
5361	do.	The Tribune Co.	Subscription.	5 50
5362	do.	W. R. Bradley & Co.	Entertaining.	8 50
5363	do.	W. R. Bradley & Co.	do.	10 25
5364	do.	F. H. Goodrich.	Lumber.	375 27
5365	do.	J. F. Umpleby.	Posts.	143 50
5366	do.	Hough & Davison.	Hardware, etc.	61 29
5367	do.	J. B. Bennett.	Labor.	97 82
5368	do.	Twin City Ice & Cold Storage Co.	Ice.	114 00
5369	do.	P. S. Campbell.	Printing.	16 40
5370	do.	General Electric Co.	Electrical apparatus.	851 55
5371	do.	C. J. Welch.	Concrete work.	379 63
5372	do.	W. A. Beasley.	Labor and materials.	70 07
5375	do.	The Saffell Co.	Hardware, etc.	63 47
5374	do.	The University of Illinois Supply Store.	Office supplies.	200 25
5375	do.	S. E. Huff & Co.	Lumber, etc.	1,128 30
5376	do.	The Burr Co.	Foundry work.	552 28
5377	do.	Block Publishing Co.	Books.	26 58
5378	do.	Federation of American Zionists.	do.	2 50
5379	do.	J. H. Greenstone.	do.	2 25
5380	do.	Augusta D. Evans.	Expenses.	3 19
5381	do.	Sadie Jones.	Services.	45 00
5382	do.	Isabel Bevier.	Expenses.	11 19
5383	do.	Charlotte Gibbs.	do.	10 22
5384	do.	Maud Parsons.	do.	11 19
5385	do.	Shuck Hardware Co.	Hardware.	22 55
5386	do.	G. H. Myers.	Straw.	2 52
5387	do.	S. W. Foor.	Cow.	65 00
5388	do.	Dryer & Burt.	Oats and corn.	419 08
5389	do.	Champaign & Urbana Water Co.	Water.	2 50
5390	do.	Granitoid Stone Co.	Labor and materials.	85 00
5391	do.	Larry & Larry.	Tank.	12 50
5392	do.	C. H. Hanson.	Brass plates.	57 30
5393	do.	Jacob White.	Plastering.	16 50
5394	do.	F. C. Jorgeson.	Frames.	36 00
5395	do.	Kewaunee Mfg. Co.	Drawing tables.	616 00
5396	do.	Ludlow Valve Mfg. Co.	Valves.	28 17
5397	do.	Bennetts Magazine Agency.	Subscription.	1 85
5398	do.	Boston Book Co.	Books.	3 21
5399	do.	T. J. Taylor.	do.	4 25
5400	do.	Edward Baker.	do.	3 00
5401	do.	Crescent Coal & Mining Co.	Coal.	23 75
5402	do.	Electric Coal Co.	do.	572 69
5403	do.	The Hill & Griffith Co.	Oil burners.	85 20
5404	do.	E. B. Hoskins.	Expenses.	114 03
5405	do.	A. L. Moats.	do.	25 07
5406	do.	C. C. Logan.	do.	86 62
5407	do.	W. E. Lyon & Co.	Lumber.	50 80
5408	do.	A. C. McClurg & Co.	Books.	135 36
5409	do.	Flanigan Pearson Co.	Printing.	306 66
5410	do.	The Foley Mfg. Co.	Payment on contract.	3,500 00
5411	do.	Westinghouse Cooper Hewitt Co. Ltd.	Laboratory apparatus.	70 35
5412	Oct. 23	C. J. Welch.	Labor and materials.	618 52
5413	Oct. 24	H. Wascher.	Milk.	21 98
5414	do.	S. Herriott.	do.	7 85
5415	do.	C. Ross.	do.	10 69



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
5416	Oct. 24 1912.	A. F. Dyson.	Milk.	\$ 3 96
5417	do.	Geo. Schif.	do.	11 84
5418	do.	H. C. Kaufman.	do.	10 19
5419	do.	L. P. Rayburn.	do.	12 68
5420	do.	D. A. Silver.	do.	8 55
5421	do.	B. Jordan.	do.	11 52
5422	do.	Cora Stacken.	do.	8 55
5423	do.	J. M. Smith.	do.	8 55
5424	do.	J. E. Haney.	do.	15 97
5425	do.	Frank Knox.	do.	17 95
5426	do.	S. Guinn.	do.	2 27
5428	do.	G. W. Van Meter.	do.	26 40
5429	do.	R. S. McInnes.	do.	9 09
5430	do.	Pearl Hazen.	do.	23 07
5431	do.	John Gotsell.	do.	4 82
5432	do.	D. S. Herriott.	do.	13 14
5433	do.	N. Hahn.	do.	10 20
5434	do.	Lon Creiger.	do.	14 29
5435	do.	E. Grove.	do.	15 58
5436	do.	H. H. Butts.	do.	5 78
5437	do.	F. W. Howell.	do.	6 40
5438	do.	W. J. Wilson.	do.	1 09
5439	do.	W. H. Frame.	do.	4 02
5440	do.	I. H. Besore.	do.	7 00
5441	do.	George Herriott.	do.	16 08
5442	do.	David Wilkins.	do.	9 61
5443	do.	John McCullough.	do.	15 04
5444	do.	F. Krukewitt.	do.	3 76
5445	do.	E. R. Canaday.	do.	9 84
5446	do.	W. D. Kohl.	do.	14 69
5447	do.	Mrs. I. Ellrod.	do.	13 04
5448	do.	W. F. Hampton.	do.	3 95
5449	do.	T. M. Ghare.	do.	15 85
5450	do.	C. A. Fogel.	do.	12 48
5451	do.	D. W. Shively.	do.	14 23
5452	do.	G. F. Dielenbach.	do.	5 05
5453	do.	L. F. Lindsey.	do.	7 02
5454	do.	Bert Rayburn.	do.	2 84
5455	do.	S. Kaufman.	do.	16 30
5456	do.	H. J. Moorehouse.	do.	1 75
5457	do.	C. W. Hamm.	do.	12 47
5458	do.	Len Rayburn.	do.	3 37
5459	do.	G. Reelstack.	do.	12 71
5460	do.	C. J. Gillespie.	do.	15 65
5461	do.	J. F. Hoy.	do.	7 43
5462	do.	J. C. Anderson.	do.	10 43
5463	do.	F. H. Bussey.	do.	11 06
5464	do.	F. W. Taylor.	do.	5 48
5465	do.	M. C. Keene.	do.	1 13
5466	do.	R. A. Lunsden.	do.	15 08
5467	do.	A. R. Grindley.	do.	9 47
5468	do.	W. W. Meyer.	do.	4 09
5469	do.	W. C. Welch.	do.	8 05
5470	do.	J. W. Anderson.	do.	13 90
5471	do.	H. I. Nelson.	do.	15 11
5472	do.	G. M. Seeber.	do.	11 85
5473	do.	C. C. Cordon.	do.	3 92
5474	do.	T. P. Lyon.	do.	22 33
5475	do.	M. Hudson.	do.	6 90
5476	do.	J. M. Harriott.	do.	11 42
5477	do.	A. G. Krukewitt.	do.	1 90
5478	do.	J. H. Umbanhueter.	do.	5 09
5479	do.	J. E. Henderson.	do.	18 95
5480	do.	M. Leigh.	do.	12 74
5481	do.	N. Murrell.	do.	2 67
5482	do.	J. B. Sallday.	do.	7 30
5483	do.	A. G. Guard.	do.	16 47
5484	do.	O. W. Hampton.	do.	10 07
5485	do.	E. F. Lyons.	do.	4 62
5486	do.	S. Atchison.	do.	16 01
5487	do.	W. H. Webb.	do.	18 86
5488	do.	J. A. R. Koch.	do.	10 72
5489	do.	W. H. Gray.	do.	16 01
5490	do.	F. Thompson.	do.	18 86
5491	do.	T. A. McCracken.	do.	10 72
5492	do.	W. E. Yount.	do.	3 72
5493	do.	I. H. Gordon.	do.	13 76
5494	do.	W. E. Leigh.	do.	
5494	do.	John Weiss.	do.	

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
5495	Oct. 24	C. Allen.....	Milk.....	\$ 3 27
5496	do.	G. Taylor.....	do.	7 17
5497	do.	Jas. Freeman.....	do.	5 05
5498	do.	J. H. Schwengel.....	do.	11 62
5499	do.	E. W. Smalley.....	do.	10 99
5500	do.	O. A. McInnes.....	do.	5 29
5501	do.	P. P. Dunn.....	do.	5 85
5502	do.	J. M. Stickrod.....	do.	19 67
5503	do.	R. W. Graham.....	do.	5 54
5504	do.	T. F. Jordan.....	do.	27 06
5505	do.	R. T. Lumsden.....	do.	2 71
5506	do.	The Alumni Quarterly.....	Allowance.....	250 00
5507	do.	B. L. Bowling.....	Expenses.....	3 30
5508	do.	L. M. Van Wegen.....	Straw.....	35 00
5509	do.	C. G. Cox.....	Expenses.....	40 20
5510	do.	Carlin McAdams.....	Bull.....	43 65
5511	do.	B. S. Pickett.....	Expenses.....	23 64
5512	do.	C. E. Durst.....	do.	10 04
5513	do.	J. C. Hoke.....	do.	29 85
5514	do.	Joseph Newman.....	do.	11 94
5515	do.	R. C. Wagner & Son.....	Teaming.....	4 50
5516	do.	Geo. Banta Publishing Co.....	Printing.....	192 32
5517	do.	O. S. Watkins.....	Expenses.....	40 25
5518	do.	The Carswell Co., Ltd.....	Books.....	857 50
5519	do.	G. E. Stechert & Co.....	do.	143 34
5520	do.	McKey & Poague.....	Rental.....	500 00
5521	do.	C. A. Campbell.....	Expenses.....	47 83
5522	do.	F. W. Gault.....	do.	85 24
5523	do.	C. V. Gregory.....	do.	8 89
5524	do.	J. R. Midyett.....	Field expenses.....	49 52
5525	Oct. 25	Chas. Grein.....	Straw.....	188 32
5526	do.	Frank Gerdes.....	do.	40 50
5527	do.	G. F. Meirs.....	do.	87 88
5528	do.	A. F. Gaird.....	do.	15 37
5529	do.	Standard Supply & Equipment Co.....	Barrows.....	95 00
5530	do.	R. C. Wagner.....	Moving tree.....	13 50
5531	do.	The Torch Press.....	Books.....	1 00
5532	do.	Ralph Chaplin.....	Field expenses.....	242 97
5533	do.	Anson Northrup.....	Prints.....	15 00
5534	do.	American Steam Pump Co.....	Steam chest.....	38 40
5535	do.	The O. H. Paddock Lumber Co.....	Lumber.....	511 90
5536	do.	A. Van Alstine.....	Expenses.....	6 49
5537	Oct. 26	P. F. Mebarry.....	Rent of horse.....	13 00
5538	do.	Trent-Boyd Mercantile Co.....	Hay.....	138 15
5539	do.	F. W. Wilson.....	Expenses.....	10 55
5540	do.	H. L. Gannett.....	Fire inspection.....	50 00
5541	do.	O. S. Watkins.....	Expenses.....	35 00
5542	do.	L. E. Foglesong.....	do.	57 50
5543	do.	American Can Co.....	Cans.....	20 00
5544	do.	S. O. Andros.....	Expenses.....	54 13
5545	do.	Ralph Hilscher.....	do.	27 10
5546	Oct. 28	J. Terquem & Cie.....	Books.....	40 69
5547	do.	Otto Harrassowitz.....	do.	15 14
5548	do.	Laura E. Evans.....	Expenses.....	71 50
5549	do.	J. Terquem & Cie.....	Books.....	10 10
5550	do.	Martinus Nijhoff.....	do.	4 14
5551	Oct. 31	D. A. Abrams.....	Salary, October, 1912.....	133 33
5552	do.	C. C. Adams.....	do.	137 50
5553	do.	R. M. Alden.....	do.	333 33
5554	do.	W. C. Allee.....	do.	120 00
5555	do.	C. H. Allen.....	do.	30 00
5556	do.	C. W. Alvord.....	do.	145 83
5557	do.	L. F. Anderson.....	do.	208 33
5558	do.	S. O. Andros.....	do.	125 00
5559	do.	June M. Ashley.....	do.	30 00
5560	do.	Ruth S. Atwell.....	do.	60 00
5561	do.	G. D. Bagley.....	Scholarship, October, 1912.....	25 00
5562	do.	W. C. Bagley.....	Salary, October, 1912.....	291 66
5563	do.	Margaret L. Bailey.....	Fellowship, October, 1912.....	50 00
5564	do.	W. H. Bair.....	Salary, October, 1912.....	50 00
5565	do.	I. O. Baker.....	do.	333 33
5566	do.	R. P. Baker.....	do.	30 00
5567	do.	E. C. Baldwin.....	do.	150 00
5568	do.	C. W. Balke.....	do.	133 33
5569	do.	Panzy Barger.....	do.	30 00
5570	do.	Bronson Barlow.....	do.	50 00
5571	do.	J. T. Barrett.....	do.	58 33
5572	do.	H. H. Bartells.....	do.	50 00
5573	do.	P. S. Barto.....	do.	100 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
5574	1912 Oct. 31	H. J. Barton.	Salary, October, 1912.	\$250 00
5575	do.	Edward Bartow.	do.	291 66
5576	do.	S. J. Bates.	do.	100 00
5577	do.	P. J. Balkin.	do.	40 00
5578	do.	W. S. Bayley.	do.	187 50
5579	do.	G. D. Beal.	do.	120 00
5580	do.	J. H. Beard.	do.	120 00
5581	do.	J. B. Beck.	do.	166 66
5582	do.	J. E. Bell.	do.	60 00
5583	do.	B. W. Benedict.	do.	291 66
5584	do.	Madison Bentley.	do.	250 00
5585	do.	E. J. Berk.	do.	333 33
5586	do.	Daisy L. Blaisdell.	do.	100 00
5587	do.	D. S. Blondheim.	do.	100 00
5588	do.	Leonard Bloomfield.	do.	116 66
5589	do.	B. H. Bode.	do.	120 00
5590	do.	E. L. Bogart.	do.	250 00
5591	do.	Ethel Bond.	do.	83 33
5592	do.	G. P. Boonsifter.	do.	130 00
5593	do.	R. L. Borger.	do.	125 00
5594	do.	C. V. Boyer.	do.	125 00
5595	do.	R. O. Brigham.	do.	60 00
5596	do.	Morgan Brooks.	do.	250 00
5597	do.	N. C. Brooks.	do.	200 00
5598	do.	Verna Brooks.	do.	80 00
5599	do.	Elizabeth P. Brush.	do.	80 00
5600	do.	J. M. Bryant.	do.	183 33
5601	do.	W. A. Buchen.	do.	110 00
5602	do.	A. M. Buck.	do.	150 00
5603	do.	S. J. Buck.	do.	116 66
5604	do.	W. E. Burge.	do.	166 66
5605	do.	L. V. Burton.	do.	30 00
5606	do.	A. S. Buyers.	do.	120 00
5607	do.	H. V. Canter.	do.	166 66
5608	do.	A. P. Carnan.	do.	333 33
5609	do.	D. H. Carahan.	do.	208 33
5610	do.	F. W. Carpenter.	do.	333 33
5611	do.	G. E. Carscallen.	do.	166 66
5612	do.	Roy Carter.	do.	75 00
5613	do.	E. W. Chittenden.	do.	100 00
5614	do.	A. H. Clark.	do.	120 00
5615	do.	C. R. Clark.	do.	150 00
5616	do.	K. A. Clark.	do.	166 66
5617	do.	T. A. Clark.	do.	30 00
5618	do.	L. D. Coffman.	do.	416 66
5619	do.	Alexander Cohn.	do.	250 00
5620	do.	A. C. Cole.	do.	100 00
5621	do.	Vida L. Collins.	do.	130 00
5622	do.	H. W. Colson.	do.	30 00
5623	do.	A. F. Comstock.	do.	100 00
5624	do.	H. P. Corson.	do.	180 00
5625	do.	Jennie A. Craig.	do.	100 00
5626	do.	A. R. Craihorne.	do.	75 00
5627	do.	H. L. Creek.	do.	141 66
5628	do.	B. H. Crowder.	do.	120 00
5629	do.	W. E. Cunnins.	do.	19 00
5630	do.	Florence R. Curtis.	do.	110 00
5631	do.	A. H. Daniels.	do.	300 00
5632	do.	R. E. Davis.	do.	100 00
5633	do.	B. S. Davissou.	do.	300 00
5634	do.	W. B. Day.	do.	100 00
5635	do.	E. H. Decker.	do.	208 33
5636	do.	J. A. Dent.	do.	250 33
5637	do.	W. W. Denton.	do.	250 00
5638	do.	C. G. Dertok.	do.	120 00
5639	do.	E. R. Dewsnup.	do.	141 66
5640	do.	J. K. Dickey.	do.	250 00
5641	do.	W. F. Dodd.	do.	83 00
5642	do.	D. K. Dodge.	do.	166 66
5643	do.	G. W. Dowie.	do.	166 66
5644	do.	F. K. W. Drury.	do.	166 66
5645	do.	F. O. Dulour.	do.	223 16
5646	do.	J. C. Duncan.	do.	30 00
5647	do.	J. M. Duncan.	do.	10 00
5648	do.	R. S. Dunnam.	do.	57 66
5649	do.	Fannie Dunlap.	do.	80 00
5650	do.	H. H. Dunn.	do.	80 00
5651	do.	R. A. Dutcher.	do.	80 00
5652	do.	H. S. Eames.	do.	130 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
5653	Oct. 31	W. C. Eels.	Fellowship, October, 1912.	\$ 50 00
5654	do.	B. L. Eicher.	Salary, October, 1912.	100 00
5655	do.	W. E. Ekblaw.	do.	60 00
5656	do.	Frederick Ellis.	do.	150 00
5657	do.	Arnold Emch.	do.	166 66
5658	do.	M. L. Enger.	do.	166 66
5659	do.	E. W. Engle.	do.	30 00
5660	do.	N. E. Ensign.	do.	120 00
5661	do.	J. A. Fairlie.	do.	250 00
5662	do.	Bernard Fantus.	do.	50 00
5663	do.	R. N. Fargo.	do.	50 00
5664	do.	S. P. Farwell.	do.	140 00
5665	do.	E. C. Faust.	do.	60 00
5666	do.	Mary E. Fawcett.	do.	166 66
5667	do.	Winifred Fehrenkamp.	do.	70 00
5668	do.	Emma Felsenthal.	do.	75 00
5669	do.	H. F. Ferguson.	do.	60 00
5670	do.	E. E. Fiero.	do.	45 00
5671	do.	E. J. Filbey.	do.	166 66
5672	do.	I. W. Fisk.	do.	120 00
5673	do.	J. D. Fitz Gerald II.	do.	208 33
5674	do.	W. B. Flanigan.	do.	80 00
5675	do.	F. L. Fleener.	do.	40 00
5676	do.	V. R. Fleming.	do.	125 00
5677	do.	C. H. Fletcher.	do.	15 00
5678	do.	G. T. Flom.	do.	208 33
5679	do.	J. W. Folsom.	do.	166 66
5680	do.	S. A. Forbes.	do.	41 66
5681	do.	G. S. Ford.	do.	250 00
5682	do.	Rosa-Lee Gaut.	Salary, November, 1912.	35 00
5683	do.	J. A. Frisk.	Salary, October, 1912.	91 66
5684	do.	Edward Fulton.	do.	175 00
5685	do.	J. W. Garner.	do.	250 00
5686	do.	N. B. Garver.	do.	150 00
5687	do.	E. N. Gathercoal.	do.	100 00
5688	do.	Rosa-Lee Gaut.	do.	35 00
5689	do.	H. L. Gill.	do.	200 00
5690	do.	C. E. Gillett.	do.	30 00
5691	do.	Hugh Glasgow.	do.	60 00
5692	do.	E. A. Glenz.	do.	10 00
5693	do.	H. F. Godeke.	do.	120 00
5694	do.	Julius Goebel.	do.	270 83
5695	do.	H. F. Gonnerman.	do.	120 00
5696	do.	G. A. Goodenough.	do.	250 00
5697	do.	F. M. Goodman.	do.	100 00
5698	do.	T. G. Goodwin.	Salary and balance, September, 1912.	105 00
5699	do.	W. F. M. Goss.	Salary, October, 1912.	500 00
5700	do.	P. S. Goulding.	do.	133 33
5701	do.	Bessie R. Green.	do.	60 00
5702	do.	Frederick Green.	do.	291 66
5703	do.	E. B. Greene.	do.	187 50
5704	do.	T. H. Guild.	do.	125 00
5705	do.	J. E. Guthberlet.	do.	60 00
5706	do.	Alta Gwinn.	do.	80 00
5707	do.	G. C. Habermeyer.	do.	141 66
5708	do.	H. F. Hadley.	Fellowship, October, 1912.	50 00
5709	do.	Stella M. Hague.	Salary, October, 1912.	80 00
5710	do.	H. G. Hake.	do.	120 00
5711	do.	W. G. Hale.	do.	250 00
5712	do.	R. G. Hall.	do.	30 00
5713	do.	L. G. Hana.	do.	170 00
5714	do.	Paul Hansen.	do.	250 00
5715	do.	Sada Harbarger.	do.	90 00
5716	do.	A. A. Harding.	do.	150 00
5717	do.	O. A. Harker.	do.	333 33
5718	do.	E. C. Hayes.	do.	233 33
5719	do.	C. M. Hebbert.	do.	60 00
5720	do.	G. W. Heitkamp.	do.	40 00
5721	do.	F. E. Held.	do.	50 00
5722	do.	W. S. Hendrix.	do.	85 00
5723	do.	Margaret Herdman.	do.	75 00
5724	do.	R. W. Hess.	do.	30 00
5725	do.	C. K. Hewes.	do.	50 00
5726	do.	F. E. Hill.	do.	40 00
5727	do.	Ralph Hillschoer.	do.	100 00
5728	do.	M. E. Hinds.	do.	60 00
5729	do.	Jacob Hodnefeld.	do.	100 00
5730	do.	M. A. Hollinshead.	do.	40 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
5731	Oct. 31	H. A. Hollister	Salary, October, 1912	\$ 229 16
5732	do.	E. E. Hollman	do.	60 00
5733	do.	B. S. Hopkins	do.	120 00
5734	do.	J. W. Hornbeak	do.	100 00
5735	do.	C. F. Hottes	do.	208 33
5736	do.	H. A. Houston	Fellowship, October, 1912.	50 00
5737	do.	J. E. Huber	Scholarship, October, 1912.	25 00
5738	do.	H. L. Huenink	Salary, October, 1912.	50 00
5739	do.	G. A. Huff	do.	250 00
5740	do.	R. K. Hursh	do.	100 00
5741	do.	Margaret Hutchins	do.	75 00
5742	do.	Edmund J. James	do.	1,000 00
5743	do.	L. V. James	do.	130 00
5744	do.	C. E. Janvrin	do.	37 50
5745	do.	Alice Johnson	do.	70 00
5746	do.	McElroy Johnston	do.	170 00
5747	do.	H. S. V. Jones	do.	150 00
5748	do.	Isabel Jones	do.	110 00
5749	do.	L. T. Jones	do.	85 00
5750	do.	Ralph Jones	do.	90 00
5751	do.	R. C. Jones	do.	160 00
5752	do.	R. T. Jones	do.	140 00
5753	do.	H. H. Jordan	do.	100 00
5754	do.	J. C. Jordan	do.	100 00
5755	do.	Emme R. Jutton	do.	100 00
5756	do.	J. B. Kaiser	do.	100 00
5757	do.	Oliver Kamm	do.	60 00
5758	do.	Eleanor G. Karsten	do.	100 00
5759	do.	C. F. Kelley	do.	130 00
5760	do.	J. M. Kellog	do.	140 00
5761	do.	Ruth Kelso	do.	80 00
5762	do.	Ernest Kessler	do.	60 00
5763	do.	A. J. Kempner	do.	130 00
5764	do.	R. E. Kennedy	do.	110 00
5765	do.	V. A. Ketchum	do.	150 00
5766	do.	Arthur Kiernan	do.	60 00
5767	do.	A. H. Kimball	do.	140 00
5768	do.	S. F. Kimball	do.	120 00
5769	do.	Margaret L. Kingsbury	do.	75 00
5770	do.	David Kinley	do.	500 00
5771	do.	Florence M. Kirkup	do.	100 00
5772	do.	C. T. Knipp	do.	208 33
5773	do.	A. H. Koller	do.	100 00
5774	do.	A. P. Kratz	do.	100 00
5775	do.	E. V. Kratz	Scholarship, October, 1912.	25 00
5776	do.	A. C. Krey	Salary, October, 1912.	140 00
5777	do.	Jacob Kunz	do.	208 33
5778	do.	Martha J. Kyle	do.	120 00
5779	do.	E. J. Lake	do.	150 00
5780	do.	Wilhelm Hirshkind	do.	60 00
5781	do.	Marion C. Landee	do.	95 00
5782	do.	E. T. Lanham	do.	105 00
5783	do.	L. M. Larson	do.	216 66
5784	do.	H. H. Lauer	do.	150 00
5785	do.	T. E. Laying	do.	30 00
5786	do.	Eugene Leslie	do.	10 00
5787	do.	O. E. Lessing	do.	233 33
5788	do.	O. A. Luetwiler	do.	200 00
5789	do.	I. H. Lillehei	do.	90 00
5790	do.	F. C. Lincoln	do.	166 66
5791	do.	R. H. Linkins	do.	30 00
5792	do.	C. M. Linsley	do.	21 66
5793	do.	Simon Litman	do.	183 33
5794	do.	F. C. Loring	do.	120 00
5795	do.	C. A. Ludwig	do.	30 00
5796	do.	H. T. Lundquist	do.	50 00
5797	do.	E. B. Lytle	do.	133 33
5798	do.	Ellen S. McCarthy	do.	120 00
5799	do.	Lois D. McCobb	do.	90 00
5800	do.	A. B. McDaniel	do.	208 33
5801	do.	Rudolph McDermet	Fellowship, October, 1912	50 00
5802	do.	D. F. McFarland	Salary, October 1912.	150 00
5803	do.	C. G. MacArthur	do.	150 00
5804	do.	Wallace MacFarlane	Fellowship, October, 1912	30 00
5805	do.	A. D. MacGillivray	Salary, October, 1912.	208 33
5806	do.	D. A. MacInnes	do.	120 00
5807	do.	C. W. Malcolm	do.	150 00
5808	do.	G. A. Maney	Fellowship, October, 1912	50 00
5809	do.	E. J. Manley	Salary, October, 1912.	77 77

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
5810	Oct. 31, 1912.	F. M. Mann.	Salary, October 1912.	\$333 33
5811	do.	F. W. Margus.	do.	150 00
5812	do.	O. R. Martin.	do.	110 00
5813	do.	M. S. Mason.	do.	50 00
5814	do.	G. H. Meyer.	do.	208 33
5815	do.	E. B. Millard.	do.	60 00
5816	do.	F. H. Millard.	do.	110 00
5817	do.	G. A. Miller.	do.	250 00
5818	do.	H. W. Miller.	do.	150 00
5819	do.	R. N. Miller.	do.	35 00
5820	do.	W. S. Miller.	do.	125 00
5821	do.	C. H. Mills.	do.	208 33
5822	do.	Brainerd Mitchell, Jr.	do.	130 00
5823	do.	Margaret Mitchell.	do.	8 00
5824	do.	F. W. Mohlman.	do.	60 00
5825	do.	H. C. Moore.	do.	20 00
5826	do.	H. F. Moore.	do.	208 33
5827	do.	A. H. Moore.	do.	110 00
5828	do.	Ruby Moore.	do.	20 00
5829	do.	E. W. Morphy.	do.	120 00
5830	do.	B. C. Morse.	do.	48 00
5831	do.	W. E. Mosher.	do.	50 00
5832	do.	C. M. Moss.	Fellowship, October, 1912.	50 00
5833	do.	Gertrude Moulton.	Salary, October 1912.	250 00
5834	do.	C. F. Nelson.	do.	116 66
5835	do.	W. S. Nelson.	do.	100 00
5836	do.	Allen Nevins.	do.	30 00
5837	do.	C. R. Newell.	do.	80 00
5838	do.	C. E. Noerenberg.	do.	85 00
5839	do.	W. A. Noyes.	do.	140 00
5840	do.	H. A. Oldfather.	do.	333 33
5841	do.	H. L. Olin.	do.	229 16
5842	do.	T. E. Oliver.	do.	60 00
5843	do.	A. W. Owens.	do.	208 33
5844	do.	E. B. Paline.	do.	30 00
5845	do.	L. G. Painter.	do.	208 33
5846	do.	Rosalie M. Parr.	do.	120 00
5847	do.	S. W. Parr.	do.	80 00
5848	do.	Adah Patton.	do.	291 66
5849	do.	H. G. Paul.	do.	83 33
5850	do.	A. S. Pease.	do.	166 66
5851	do.	J. E. Pendleton.	do.	208 33
5852	do.	Alvah Peterson.	do.	85 00
5853	do.	G. W. Pickels.	do.	130 00
5854	do.	J. N. Pomeroy.	do.	50 00
5855	do.	C. M. Poor.	do.	188 33
5856	do.	F. M. Porter.	do.	150 00
5857	do.	R. S. Potter.	do.	50 00
5858	do.	Anton Prasil.	do.	50 00
5859	do.	A. L. Prickett.	do.	48 33
5860	do.	D. A. Prince.	do.	32 00
5861	do.	G. H. Radenbaugh.	Salary, October 1912.	20 00
5862	do.	Oto Rahm.	do.	166 66
5863	do.	O. A. Randolph.	do.	50 00
5864	do.	W. H. Rayner.	do.	110 00
5865	do.	J. W. Read.	do.	30 00
5866	do.	P. J. Rebmam.	do.	80 00
5867	do.	E. J. Reece.	do.	150 00
5868	do.	F. W. Reed.	do.	140 00
5869	do.	E. A. Rich.	do.	40 00
5870	do.	J. L. Rich.	do.	150 00
5871	do.	C. R. Richards.	do.	333 33
5872	do.	N. C. Rietz.	do.	353 33
5873	do.	H. L. Rietz.	do.	291 66
5874	do.	W. S. Robertson.	do.	150 00
5875	do.	M. H. Robinson.	do.	166 66
5876	do.	C. A. Rolle.	do.	250 00
5877	do.	S. A. Rowland.	do.	260 00
5878	do.	H. O. Rueg.	do.	26 00
5879	do.	Geo. Rutledge.	do.	120 00
5880	do.	L. R. Saret.	do.	80 00
5881	do.	T. E. Savage.	do.	80 00
5882	do.	Oliver F. Saxton.	do.	166 33
5883	do.	S. H. Schartee.	do.	33 33
5884	do.	E. C. Schmidt.	do.	30 66
5885	do.	H. F. Schneider.	do.	291 66
5886	do.	Clarence Scholl.	do.	70 00
5887	do.	W. S. Schult.	do.	10 00
5888	do.	G. F. Schwartz.	do.	166 66
5889	do.	do.	do.	158 33

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
5889	Oct. 31, 1912.	F. W. Scott.	Salary, October, 1912.	\$183 33
5890	do.	D. L. Scroggin.	do.	120 00
5891	do.	G. W. Sears.	do.	60 00
5892	do.	F. B. Seely.	do.	60 00
5893	do.	R. S. Seese.	Scholarship, October, 1912.	140 00
5894	do.	N. C. Seidenberg.	Salary, October, 1912.	25 00
5895	do.	A. R. Seymour.	do.	15 00
5896	do.	J. B. Shaw.	do.	166 66
5897	do.	Queen L. Shepard.	do.	187 50
5898	do.	S. P. Sherman.	do.	80 00
5899	do.	G. A. Shook.	do.	266 66
5900	do.	C. W. Siebert.	do.	100 00
5901	do.	Siebert L. Shimmering.	Fellowship, October, 1912.	30 00
5902	do.	Frances Simpson.	Salary, October, 1912.	166 66
5903	do.	G. E. Simpson.	do.	10 00
5904	do.	G. H. Sisam.	do.	158 33
5905	do.	W. A. Slater.	do.	125 00
5906	do.	Adelle C. Smith.	do.	60 00
5907	do.	Constance B. Smith.	do.	160 00
5908	do.	G. M. Smith.	do.	133 33
5909	do.	Frank Smith.	do.	133 33
5910	do.	J. E. Smith.	do.	125 00
5911	do.	O. H. Smith.	do.	95 00
5912	do.	J. M. Snodgrass.	do.	175 00
5913	do.	C. M. Snow.	do.	150 00
5914	do.	O. O. Stanley.	do.	70 00
5915	do.	Joel Stebbins.	do.	104 16
5916	do.	Sabra Stevens.	do.	55 00
5917	do.	R. K. Stewart.	do.	130 00
5918	do.	C. L. Stewart.	do.	333 33
5919	do.	H. H. Stock.	do.	50 00
5920	do.	J. W. Stokes.	Fellowship, October, 1912.	333 33
5921	do.	E. B. Stouffer.	Salary, October, 1912.	50 00
5922	do.	E. K. Strachan.	do.	130 00
5923	do.	Lillian Strong.	do.	50 00
5924	do.	W. G. Strongquist.	do.	100 00
5925	do.	R. T. Stull.	do.	200 00
5926	do.	Horace Stunkard.	do.	30 00
5927	do.	Emerson Sutcliff.	do.	80 00
5928	do.	A. H. Sutherland.	do.	150 00
5929	do.	Margaret Taggart.	do.	150 00
5930	do.	A. N. Talbot.	do.	333 33
5931	do.	F. W. Tanner.	do.	60 00
5932	do.	Scott Taylor.	do.	10 00
5933	do.	W. H. Taylor.	do.	60 00
5934	do.	H. R. Thomas.	Fellowship, October, 1912.	50 00
5935	do.	C. M. Thompson.	Salary, October, 1912.	90 00
5936	do.	D. G. Thompson.	do.	40 00
5937	do.	J. G. Thompson.	do.	160 00
5938	do.	Lambert Thorp.	do.	100 00
5939	do.	A. J. Tiele.	do.	105 00
5940	do.	A. J. Todd.	do.	104 16
5941	do.	E. J. Townsend.	do.	333 33
5942	do.	L. L. Townsend.	do.	100 00
5943	do.	Edna A. Treat.	do.	90 00
5944	do.	H. D. Valentine.	do.	10 00
5945	do.	H. J. Van Cleave.	do.	180 00
5946	do.	H. J. Van Den Berg.	do.	30 00
5947	do.	G. J. Van Zoeren.	do.	110 00
5948	do.	J. N. Vedder.	do.	291 66
5949	do.	C. G. Vernier.	do.	166 66
5950	do.	E. H. Waldo.	do.	120 00
5951	do.	Lee Wallace.	do.	333 33
5952	do.	H. B. Ward.	do.	333 33
5953	do.	E. H. Warner.	do.	60 00
5954	do.	A. R. Warlock.	do.	125 00
5955	do.	E. W. Washburn.	do.	183 33
5956	do.	F. R. Watson.	do.	200 00
5957	do.	H. G. P. Webber.	do.	150 00
5958	do.	N. A. Wells.	do.	208 33
5959	do.	N. A. Weston.	do.	229 16
5960	do.	Mary M. Wetmore.	do.	125 00
5961	do.	J. M. White.	do.	333 33
5962	do.	J. H. Whitten.	do.	60 00
5963	do.	E. A. Wildman.	do.	30 00
5964	do.	C. C. Wiley.	do.	150 00
5965	do.	C. A. Williams.	do.	120 00
5966	do.	E. H. Williams.	do.	120 00
5967	do.	Mary E. Williams.	do.	85 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
5968	Oct. 31	F. G. Willson	Salary, October, 1912.	\$160 00
5969	do.	P. L. Windsor	do.	250 00
5970	do.	R. M. Winger	do.	120 00
5971	do.	J. W. Wohlenberg	Fellowship, October, 1912.	50 00
5972	do.	P. S. Woodward	Salary, October, 1912.	35 00
5973	do.	I. M. Wormser	do.	183 33
5974	do.	Ola M. Wyeth	do.	75 00
5975	do.	T. D. Hensen	do.	100 00
5976	do.	Jacob Zeitlin	do.	125 00
5977	do.	Chas. Zeleny	do.	208 33
5978	do.	H. F. Zoller	do.	30 00
5978	do.	J. E. Ackert	Fellowship, October, 1912.	35 00
5980	do.	F. H. Adler	do.	35 00
5981	do.	Josephine E. Burns	do.	35 00
5982	do.	Margaret B. Cobb	do.	30 00
5983	do.	Edna L. Forrey	do.	35 00
5984	do.	D. L. Geyer	do.	35 00
5985	do.	J. W. Good	do.	40 00
5986	do.	E. O. Heuse	do.	30 00
5987	do.	E. A. T. Kircher	do.	30 00
5988	do.	P. A. Lehenbauer	do.	30 00
5989	do.	H. H. McGregor	do.	30 00
5990	do.	L. C. Mathewson	do.	30 00
5991	do.	L. F. Nickell	do.	40 00
5992	do.	A. W. Orcutt	do.	35 00
5993	do.	A. F. Peine	do.	30 00
5994	do.	C. F. C. Riley	do.	35 00
5995	do.	Clarrissa Rinaker	do.	35 00
5996	do.	J. E. Achert	Fellowship, November, 1912.	35 00
5997	do.	Irma E. Voight	Fellowship, October, 1912.	30 00
5998	do.	P. S. Welch	do.	35 00
5999	do.	G. Y. Williams	do.	35 00
6000	do.	Alice Biester	Scholarship, October, 1912.	25 00
6001	do.	R. W. Brown	do.	25 00
6002	do.	F. E. Clark	do.	25 00
6003	do.	Jesse L. Conel	do.	25 00
6004	do.	S. H. Cox	do.	25 00
6005	do.	E. S. Dewell	do.	25 00
6006	do.	D. T. Englis	do.	25 00
6007	do.	Ola M. J. Eskelson	do.	25 00
6008	do.	S. E. Fauquher	do.	25 00
6009	do.	S. B. Fracker	do.	25 00
6010	do.	B. F. Goodman	do.	25 00
6011	do.	Ruby M. Grimes	do.	25 00
6012	do.	Sappho C. Graham	do.	25 00
6013	do.	J. S. Gutsell	do.	25 00
6014	do.	Mary A. Haan	do.	25 00
6015	do.	Homer Hall	do.	25 00
6016	do.	A. C. Hanford	do.	25 00
6017	do.	Wm. Hill	do.	25 00
6018	do.	C. E. Holley	do.	25 00
6019	do.	Nellie M. Horner	do.	25 00
6020	do.	J. W. Howard	do.	25 00
6021	do.	P. W. Ivey	do.	25 00
6022	do.	Gretchen Lutz	do.	25 00
6023	do.	Janet M. MacDonald	do.	25 00
6024	do.	J. E. Miller	do.	25 00
6025	do.	Edna Mosher	do.	25 00
6026	do.	J. B. Nathanson	do.	25 00
6027	do.	F. C. Norbury	do.	35 00
6028	do.	R. H. Nottelman	do.	25 00
6029	do.	Cornellie R. Seawell	do.	25 00
6030	do.	Mary M. Spangler	do.	25 00
6031	do.	E. R. Spencer	do.	25 00
6032	do.	W. A. Swenson	do.	25 00
6033	do.	Lily B. Voegelien	do.	25 00
6034	do.	Margaret Washington	do.	25 00
6035	do.	P. O. Wright	do.	25 00
6036	do.	J. E. Bailey	Wages, October, 1912.	25 00
6037	do.	Lilla Alexander	Salary, October, 1912 and balance, September, 1912.	70 00
6038	do.	W. E. Alley	Salary, October, 1912.	85 00
6039	do.	Winifred L. Amos	do.	65 00
6040	do.	Ethel Ash	do.	60 00
6041	do.	C. E. Atkinson	do.	141 66
6042	do.	Mary L. Blackwell	do.	50 00
6043	do.	L. A. Boice	do.	125 00
6044	do.	Tabitha J. Broadhurst	do.	75 00
6045	do.	Ina M. Brown	do.	60 00



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
6046	Oct. 31 1912.	Sarah E. Bryan.....	Salary, October, 1912.....	\$ 55 00
6047	do.....	Flora M. Case.....	do.....	55 00
6048	do.....	Flah B. Chandler.....	do.....	50 00
6049	do.....	Miles Clements.....	do.....	45 83
6050	do.....	C. C. Crawford.....	do.....	60 00
6051	do.....	H. E. Cunningham.....	do.....	150 00
6052	do.....	C. E. Dalton.....	do.....	45 00
6053	do.....	L. C. Demlow.....	do.....	45 83
6054	do.....	Edith Emigh.....	do.....	65 00
6055	do.....	Frances Feind.....	do.....	75 00
6056	do.....	R. I. Fieg.....	do.....	50 00
6057	do.....	Viola Frazer.....	do.....	55 00
6058	do.....	Antoniette Goetz.....	do.....	65 00
6059	do.....	Elizabeth Good.....	do.....	40 00
6060	do.....	Mable L. Griffith.....	do.....	60 00
6061	do.....	Carman Harnack.....	do.....	55 00
6062	do.....	Eliza Hart.....	do.....	35 00
6063	do.....	C. H. Havens.....	do.....	120 00
6064	do.....	N. Hay.....	do.....	166 66
6065	do.....	Myrtle E. Heater.....	do.....	55 00
6066	do.....	Josie B. Houchens.....	do.....	75 00
6067	do.....	A. H. Hull.....	do.....	65 00
6068	do.....	Katie L. Humelchouse.....	do.....	50 00
6069	do.....	Marie Jester.....	do.....	45 00
6070	do.....	Gertrude Johnson.....	do.....	55 00
6071	do.....	J. J. Johnson.....	do.....	45 00
6072	do.....	Josephine A. Just.....	do.....	25 00
6073	do.....	Gertrude Keech.....	do.....	30 00
6074	do.....	J. H. Kelley.....	do.....	166 66
6075	do.....	Nora Kirwan.....	do.....	41 66
6076	do.....	Amelia Knapp.....	do.....	65 00
6077	do.....	Alie Lamb.....	do.....	45 00
6078	do.....	A. R. Lee.....	do.....	91 66
6079	do.....	Louise A. Lelitz.....	do.....	35 00
6080	do.....	Stella Lund.....	do.....	55 00
6081	do.....	C. M. McConn.....	do.....	233 33
6082	do.....	Agnes McGarity.....	do.....	83 33
6083	do.....	A. H. McLean.....	do.....	80 00
6084	do.....	Jane McMullen.....	do.....	40 00
6085	do.....	L. Mae Manspeaker.....	do.....	83 33
6086	do.....	Maudie E. Menley.....	do.....	50 00
6087	do.....	Rudolph Messek.....	do.....	65 00
6088	do.....	C. F. Miller.....	do.....	75 00
6089	do.....	Lloyd Morey.....	do.....	85 00
6090	do.....	J. A. Morrow.....	do.....	75 00
6091	do.....	M. W. Murphy.....	do.....	116 66
6092	do.....	H. D. Oberdorfer.....	do.....	100 00
6093	do.....	Elizabeth C. Peel.....	do.....	166 66
6094	do.....	Thomas Peel.....	do.....	75 00
6095	do.....	Elizabeth Pfeiffer.....	do.....	55 00
6096	do.....	F. W. Post.....	do.....	50 00
6097	do.....	Alice Johnson.....	Salary, November, 1912.....	75 00
6098	do.....	Nelle M. Robertson.....	do.....	70 00
6099	do.....	Rose E. Ryan.....	Salary, October, 1912.....	55 00
6100	do.....	Mary Seaton.....	do.....	80 00
6101	do.....	Anna L. Shepard.....	do.....	60 00
6102	do.....	T. J. Showers.....	do.....	125 00
6103	do.....	Sara M. Slater.....	do.....	55 00
6104	do.....	Bertram Smith.....	do.....	70 00
6105	do.....	L. M. Smith.....	do.....	108 33
6106	do.....	Jessie A. Smith.....	do.....	100 00
6107	do.....	Mayne L. Smith.....	do.....	60 00
6108	do.....	O. E. Staples.....	do.....	65 00
6109	do.....	Alfred Steltz.....	do.....	150 00
6110	do.....	E. T. Strong.....	do.....	75 00
6111	do.....	M. E. Thompson.....	do.....	85 00
6112	do.....	Mary Torrance.....	do.....	85 00
6113	do.....	L. J. Towne.....	do.....	55 00
6114	do.....	G. P. Tuttle.....	do.....	150 00
6115	do.....	Josephine Tyrrell.....	do.....	91 66
6116	do.....	Lida E. Voigt.....	do.....	45 00
6117	do.....	B. L. Winchester.....	do.....	83 33
6118	do.....	H. T. Wyringer.....	do.....	48 00
6119	do.....	D. O. Barto.....	do.....	52 50
6120	do.....	J. C. Biar.....	do.....	166 66
6121	do.....	S. J. Boie.....	do.....	416 66
6122	do.....	R. E. Brand.....	do.....	133 33
6123	do.....	W. J. Carmichael.....	do.....	166 66
6124	do.....	H. C. M. Case.....	do.....	41 66

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
6125	1912 Oct. 31	W. C. Coffey	Salary, October, 1912.	\$225 00
6126	do	G. S. Crandall	do	291 66
6127	do	W. T. Crandall	do	133 33
6128	do	John DeJessen	do	166 66
6129	do	Wm. Dietrich	do	200 00
6130	do	H. B. Dornier	do	200 00
6131	do	C. E. Dyst	do	125 00
6132	do	J. L. Edmunds	do	166 66
6133	do	W. J. Fraser	do	291 66
6134	do	J. J. Gardner	do	100 00
6135	do	L. D. Hall	do	225 00
6136	do	W. F. Handschin	do	150 00
6137	do	N. W. Hepburn	do	175 00
6138	do	E. S. Hille	do	100 00
6139	do	L. H. Lang	do	133 33
6140	do	J. W. Lloyd	do	266 66
6141	do	H. W. Mumford	do	133 33
6142	do	H. B. Neuring	do	416 66
6143	do	H. N. Parker	do	125 00
6144	do	V. A. Place	do	200 00
6145	do	H. R. Root	do	83 33
6146	do	H. R. Root	do	83 33
6147	do	H. R. Root	do	166 66
6148	do	W. F. Smith	do	175 00
6149	do	W. F. Smith	do	108 33
6150	do	J. R. Wells	do	125 00
6151	do	J. R. Wells	do	70 00
6152	do	F. C. Bauer	do	125 00
6153	do	E. L. Burlison	do	100 00
6154	do	W. Davenport	do	100 00
6155	do	K. Y. D. Dickson	do	150 00
6156	do	K. S. J. Eklaw	do	150 00
6157	do	O. E. Fisher	do	166 66
6158	do	A. I. Gustafson	do	250 00
6159	do	Leonard Hegnauer	do	416 66
6160	do	C. E. Hopkins	do	120 00
6161	do	M. E. Jan	do	208 33
6162	do	D. Mcintosh	do	266 66
6163	do	J. H. Posier	do	250 00
6164	do	C. O. Reel	do	120 00
6165	do	L. H. Smith	do	250 00
6166	do	H. W. Smith	do	150 00
6167	do	A. I. Veltung	do	125 00
6168	do	C. C. Loggins	do	150 00
6169	do	Isabel Biele	do	250 00
6170	do	Thomas Biegel	do	100 00
6171	do	Nina B. Briggs	do	100 00
6172	do	Augusta D. Burns	do	125 00
6173	do	Charlotte Gibbs	do	125 00
6174	do	Nellie E. Goldthwaite	do	150 00
6175	do	Cora E. Gray	do	166 66
6176	do	O. A. Keller	do	116 66
6177	do	A. W. Nolan	do	150 00
6178	do	Maud Parsons	do	250 00
6179	do	Helena M. Phipcomb	do	100 00
6180	do	F. H. Rankin	do	133 33
6181	do	Harrist Rhaker	do	250 00
6182	do	F. M. Simpson	do	125 00
6183	do	Grace Stevens	do	100 00
6184	do	J. V. Stevens	do	90 00
6185	do	Ruth Wheeler	do	41 66
6186	do	Orr Allen	do	133 33
6187	do	W. B. Gennert	do	70 00
6188	do	J. B. Park	do	70 00
6189	do	W. L. Gaines	do	125 00
6190	do	F. A. Pearson	do	150 00
6191	do	H. A. Renhe	do	75 00
6192	do	Jas. Hutchinson	do	116 66
6193	do	F. W. Muncie	do	100 00
6194	do	G. L. Poller	do	100 00
6195	do	L. E. Foglesong	do	83 33
6196	do	A. J. Gunderson	do	83 33
6197	do	B. S. Pickett	do	100 00
6198	do	W. A. Ruth	do	83 33
6199	do	O. S. Watkins	do	250 00
6200	do	J. P. Auner	do	125 00
6201	do	L. F. Binding	do	150 00
6202	do	R. W. Dickinson	do	70 00
6203	do	F. A. Fisret	do	70 00
6203	do	F. W. Garrett	do	83 33

## GENERAL UNIVERSITY WARRANTS--Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
6204	Oct. 31	S. V. Holt.	Salary, October, 1912.	\$150 00
6205	do.	E. E. Hoskins.	do.	150 00
6206	do.	Oran Keller.	do.	70 00
6207	do.	W. R. Leighty.	do.	100 00
6208	do.	Gertrude Niederman.	do.	100 00
6209	do.	J. E. Readhimer.	do.	200 00
6210	do.	W. H. Sachs.	do.	125 00
6211	do.	E. Van Alstine.	do.	150 00
6212	do.	F. M. W. Wascher.	do.	83 33
6213	do.	R. C. Wheeler.	do.	150 00
6214	do.	C. N. Wheelock.	do.	70 00
6215	do.	John Woodard.	do.	70 00
6216	do.	J. E. Whitchurch.	do.	150 00
6217	do.	H. H. Mitchell.	do.	125 00
6218	do.	J. J. Yoke.	do.	83 33
6219	do.	Florence E. Smith.	do.	65 00
6220	do.	Bessie R. Packard.	do.	75 00
6221	do.	Leonora Perry.	do.	79 16
6222	do.	B. E. Powell.	do.	191 66
6223	do.	Ethel Berlin.	Wages, October, 1912.	27 00
6224	do.	A. R. Bradner.	do.	11 07
6225	do.	F. N. Murray.	do.	10 99
6226	do.	Harold Bolander.	do.	14 52
6227	do.	Louis Rosett.	do.	34 32
6228	do.	G. F. Paulsen.	do.	27 15
6229	do.	W. W. Peters.	do.	20 00
6230	do.	M. L. Apgar.	do.	20 00
6231	do.	C. S. Ross.	do.	12 50
6232	do.	W. G. Hixon.	do.	49 40
6233	do.	T. G. Henderson.	do.	107 10
6234	do.	C. Y. Freeman.	do.	55 60
6235	do.	W. H. Graybeal.	do.	60 00
6236	do.	Sell Hamlin.	do.	50 00
6237	do.	Samuel Hanson.	do.	61 60
6238	do.	Edward Hargan.	do.	59 40
6239	do.	Frank Fogarty.	do.	52 00
6240	do.	Wm. Fogarty.	do.	54 00
6241	do.	J. J. Fiscus.	do.	55 20
6242	do.	C. E. Follansbee.	do.	49 40
6243	do.	Thomas Fay.	do.	90 00
6244	do.	Frank Cunningham.	do.	106 25
6245	do.	Joseph Davis.	do.	68 60
6246	do.	E. P. Dibble.	do.	57 64
6247	do.	D. M. Bullock.	do.	56 20
6248	do.	Thomas Butler.	do.	60 97
6249	do.	John Ceduskey.	do.	54 60
6250	do.	George Boyer.	do.	66 00
6251	do.	Basil Brown.	do.	67 62
6252	do.	Harry Brown.	do.	55 00
6253	do.	John Begley.	do.	29 00
6254	do.	C. E. Arrington.	do.	58 00
6255	do.	W. M. Atwell.	do.	62 80
6256	do.	R. W. Baldwin.	do.	44 60
6257	do.	G. E. Quick.	do.	19 60
6258	do.	E. A. Schwing.	do.	19 60
6259	do.	A. H. Stevens.	do.	11 20
6260	do.	P. T. Walters.	do.	19 60
6261	do.	R. R. Greenman.	do.	19 20
6262	do.	D. R. Hull.	do.	15 00
6263	do.	Hubert Jessen.	do.	10 40
6264	do.	Ora McGhee.	do.	16 80
6265	do.	Nathan Meltz.	do.	12 80
6266	do.	Lloyd Oyler.	do.	13 00
6267	do.	O. Schinnerer.	do.	18 50
6268	do.	J. K. Primm.	do.	14 60
6269	do.	C. R. Dietmeir.	do.	15 80
6270	do.	E. Fontaine.	do.	15 40
6271	do.	Earle Rugg.	do.	31 20
6272	do.	F. C. Hare.	do.	36 60
6273	do.	Royal Ritchey.	do.	23 60
6274	do.	Eleanor Hubbard.	do.	16 20
6275	do.	F. R. Miller.	do.	20 00
6276	do.	G. F. Sutherland.	do.	20 00
6277	do.	C. E. Myers.	do.	23 50
6278	do.	C. M. Hobart.	do.	12 20
6279	do.	F. S. Stroheker.	do.	22 60
6280	do.	J. G. Eppinger.	do.	16 35
6281	do.	W. E. Britton.	do.	25 69
6282	do.	Lucile Cravens.	do.	22 50

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
6283	Oct. '31	Vera Snook	Wages, October, 1912.....	\$ 13 60
6284	.do.	Olive Paite	.do.	20 80
6285	.do.	C. G. Stearns	.do.	10 60
6286	.do.	Julius Goebel, Jr.	.do.	11 80
6287	.do.	Bertha Bondette	.do.	11 20
6288	.do.	W. A. Shewhart	.do.	10 00
6289	.do.	L. A. Boettger	.do.	10 00
6290	.do.	Earl Meenach	.do.	60 00
6291	.do.	T. P. Crawford	.do.	47 50
6292	.do.	Harley Poor	.do.	50 00
6293	.do.	Wm. Hough	.do.	83 33
6294	.do.	H. B. Ingels	.do.	55 00
6295	.do.	Elmer Jenkins	.do.	55 00
6296	.do.	Jas. Brown	.do.	50 00
6297	.do.	C. C. Tolman	.do.	112 50
6298	.do.	Harold Dial	.do.	27 45
6299	.do.	R. L. Hegnauer	.do.	27 88
6300	.do.	E. H. Walworth	.do.	68 25
6301	.do.	D. Vaulle	.do.	26 90
6302	.do.	H. J. Snider	.do.	20 00
6303	.do.	Lancy M. Barto	.do.	20 00
6304	.do.	Roy Horning	.do.	32 20
6305	.do.	K. A. McCaskill	.do.	26 95
6306	.do.	Theodore Rector	.do.	20 48
6307	.do.	F. M. Barrett	.do.	23 98
6308	.do.	Leonard Dunlap	.do.	33 95
6309	.do.	Alfred Kant	.do.	22 75
6310	.do.	Edgar Hermann	.do.	46 20
6311	.do.	Florence Stoutzenberg	.do.	25 00
6312	.do.	Lawrence Engle	.do.	22 50
6313	.do.	Stanley Wilkins	.do.	40 00
6314	.do.	S. E. Ore	.do.	76 20
6315	.do.	Wm. Kelley	.do.	47 50
6316	.do.	Alice V. Hamilton	.do.	75 00
6317	.do.	L. F. Burdick	.do.	35 00
6318	.do.	M. J. Conley	.do.	42 00
6319	.do.	E. C. Tarlune	.do.	45 00
6320	.do.	H. Simer	.do.	45 00
6321	.do.	J. W. Hamel	.do.	12 43
6322	.do.	C. H. Rehling	.do.	28 40
6323	.do.	Arthur Sample	.do.	22 30
6324	.do.	J. O. Fletcher	.do.	12 70
6325	.do.	J. A. Sackerson	.do.	17 15
6326	.do.	W. L. Harry	.do.	83 33
6327	.do.	A. L. Stonebruner	.do.	45 00
6328	.do.	L. Uiterback	.do.	50 00
6329	.do.	W. W. Williams	.do.	50 00
6330	.do.	Chester Turner	.do.	45 00
6331	.do.	J. E. Thomas	.do.	45 00
6332	.do.	I. L. Gardner	.do.	80 00
6333	.do.	Victor Thomas	.do.	40 00
6334	.do.	R. C. Glover	.do.	40 00
6335	.do.	Ethel Clark	.do.	75 00
6336	.do.	Andrew Torngvist	.do.	65 00
6337	.do.	H. H. Wheeler	.do.	52 50
6338	.do.	M. D. Rose	.do.	10 00
6339	.do.	Winifred McIntosh	.do.	40 00
6340	.do.	Margaret C. Foss	.do.	65 00
6341	.do.	W. J. Engle	.do.	47 50
6342	.do.	Rob Cook	.do.	47 50
6343	.do.	Lesse Cook	.do.	50 00
6344	.do.	Roy Argo	.do.	50 00
6345	.do.	Olive G. Reid	.do.	74 00
6346	.do.	J. C. Fiskeus	.do.	75 00
6347	.do.	Frank Crablione	.do.	12 80
6348	.do.	R. K. Turner	.do.	13 80
6349	.do.	E. W. Zeppendorf	.do.	13 60
6350	.do.	E. B. Sandel	.do.	39 00
6351	.do.	Geo. Smalley	.do.	36 40
6352	.do.	H. M. Millzen	.do.	25 00
6353	.do.	Alpha Torngvist	.do.	70 00
6354	.do.	L. A. Hunter	.do.	82 33
6355	.do.	W. T. Craig	.do.	60 00
6356	.do.	W. L. Bennett	.do.	45 00
6357	.do.	Will Patterson	.do.	50 00
6358	.do.	G. W. Beardsley	.do.	55 00
6359	.do.	H. K. Baltzer	.do.	85 00
6360	.do.	John Balcom	.do.	60 00
6361	.do.	Loretta White	.do.	60 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
6362	Oct. 31	Lillian Smith.....	Wages, October, 1912.....	\$ 50 00
6363	do.	Ethel Sharp.....	do.	35 00
6364	do.	Etta Perry.....	do.	60 00
6365	do.	Ruah Loveless.....	do.	50 00
6366	do.	Anna Crathorne.....	do.	50 00
6367	do.	Earl Garver.....	do.	65 00
6368	do.	R. C. Kastler.....	do.	55 00
6369	do.	A. F. Kreuger.....	do.	65 00
6370	do.	Cornelius Stocker.....	do.	75 00
6371	do.	A. Ten Broeck.....	do.	50 00
6372	do.	W. W. Yapp.....	do.	70 00
6373	do.	A. W. Fischer.....	do.	83 33
6374	do.	H. E. Crouch.....	do.	115 00
6375	do.	E. M. Clark.....	do.	60 00
6376	do.	Harry Higgins.....	do.	73 00
6377	do.	Marie A. Gordon.....	do.	50 00
6378	do.	B. L. Bowling.....	do.	70 00
6379	do.	J. F. Kohout.....	do.	19 00
6380	do.	W. S. Goodspeed.....	do.	83 33
6381	do.	L. D. Lahr.....	do.	22 94
6382	do.	J. Burt Hays.....	do.	63 18
6383	do.	T. W. Dickmann.....	do.	30 00
6384	do.	L. Donohue.....	do.	50 00
6385	do.	R. Pritchard.....	do.	55 00
6386	do.	G. Donohue.....	do.	45 00
6387	do.	H. Pritchard.....	do.	65 00
6388	do.	Hazel Thodes.....	do.	55 00
6389	do.	W. R. Hall.....	do.	32 50
6390	do.	Jas. Boswell.....	do.	37 50
6391	do.	Pearl Cunningham.....	do.	36 75
6392	do.	Louise Frizell.....	do.	40 00
6393	do.	Rose Hegenbart.....	do.	75 00
6394	do.	J. S. Clark.....	do.	68 40
6395	do.	F. H. Coyle.....	do.	7 75
6396	do.	G. W. Porter.....	do.	60 00
5397	do.	M. L. Nebel.....	do.	15 25
6398	do.	Wesley Hoffman.....	do.	85 60
6399	do.	C. H. Haven.....	do.	33 60
6400	do.	F. F. Franklin.....	do.	54 20
6401	do.	Louise Lender.....	do.	67 98
6402	do.	Howard Downing.....	do.	55 80
6403	do.	John Brannagan.....	do.	77 00
6404	do.	W. M. Birdzell.....	do.	69 46
6405	do.	Edw. Berbaum.....	do.	61 88
6406	do.	J. T. Newsome.....	do.	32 31
6407	do.	J. C. Anderson.....	do.	65 00
6408	do.	Marion B. Gallaher.....	do.	40 00
6409	do.	R. S. Smith.....	do.	45 00
6410	do.	Flora M. Sims.....	do.	83 33
6411	do.	C. L. Munroe.....	do.	50 00
6412	do.	John Lankford.....	do.	60 00
6413	do.	G. W. Hinkley.....	do.	50 00
6414	do.	F. W. Gault.....	do.	80 00
6415	do.	O. I. Ellis.....	do.	50 00
6416	do.	C. A. Campbell.....	do.	60 00
6417	do.	C. C. Champman.....	do.	83 33
6418	do.	Freda O. Stricklan.....	do.	65 00
6419	do.	Alice Reed.....	do.	50 00
5420	do.	G. E. Miller.....	do.	83 33
6421	do.	Mary Millar.....	do.	65 00
6422	do.	W. A. McIntire.....	do.	50 00
6423	do.	J. H. Kelley.....	do.	52 50
6424	do.	Emma L. Custer.....	do.	70 00
6425	do.	Ralph Engle.....	do.	26 00
6426	do.	Frank Girtis.....	do.	77 09
6427	do.	Evalena Bowen.....	do.	23 53
6428	do.	Elizabeth Pulling.....	do.	60 00
6429	do.	Fred Pine.....	do.	75 00
6430	do.	George Nogle.....	do.	70 00
6431	do.	Mabel Hallday.....	do.	60 00
6432	do.	Thomas Eddy.....	do.	50 00
6433	do.	M. C. Booher.....	do.	66 80
6434	do.	V. R. Barnes.....	do.	90 00
6435	do.	R. J. Vanderbeck.....	do.	56 25
6436	do.	C. I. Newlin.....	do.	75 00
6437	do.	M. T. Lindsey.....	do.	33 75
6438	do.	Marion E. Sparks.....	do.	19 00
6439	do.	Carl Sigerson.....	do.	15 75
6440	do.	Frank Staler.....	do.	70 35

GENERAL UNIVERSITY WARRANTS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
6441	1912.			
6441	Oct. 31	F. E. McClughen.....	Wages, October, 1912.	\$ 40 00
6442	do.	N. H. Mahoney.....	do.	63 60
6443	do.	Bert Matthews.....	do.	59 20
6444	do.	James McCullough.....	do.	55 00
6445	do.	A. J. McAlister.....	do.	74 75
6446	do.	Thomas Long.....	do.	73 57
6447	do.	A. C. Litton.....	do.	64 20
6448	do.	N. C. Lovis.....	do.	73 00
6449	do.	Fred Langhoff.....	do.	55 30
6450	do.	J. A. J. Klem.....	do.	68 60
6451	do.	Walter Jones.....	do.	40 20
6452	do.	Margaret Jones.....	do.	40 00
6453	do.	P. S. Jeffers.....	do.	73 60
6454	do.	John Carman.....	do.	38 40
6455	do.	Wm. Leblanc.....	do.	60 00
6456	do.	Chas. Whetcraft.....	do.	13 00
6457	do.	L. M. Stern.....	do.	20 00
6458	do.	C. E. Kirk.....	do.	23 80
6459	do.	C. C. Johnson.....	do.	48 20
6460	do.	F. F. Harper.....	do.	18 00
6461	do.	Ross Hutton.....	do.	56 80
6462	do.	Fred Hoover.....	do.	51 80
6463	do.	Edmund Wharmby.....	do.	60 60
6464	do.	Henry Turner.....	do.	54 60
6465	do.	Geo. Turner.....	do.	61 40
6466	do.	George Toy.....	do.	52 40
6467	do.	D. C. Sprinkle.....	do.	40 00
6468	do.	John Snyder.....	do.	30 00
6469	do.	A. C. Servis.....	do.	59 20
6470	do.	Mary Ryan.....	do.	38 40
6471	do.	H. L. Rennaker.....	do.	59 00
6472	do.	B. L. Reed.....	do.	49 40
6473	do.	Wm. Quinn.....	do.	88 80
7474	do.	J. F. Parkins.....	do.	52 80
6475	do.	Louis Pro.....	do.	51 30
6476	do.	Frank Perry.....	do.	59 54
6477	do.	Jacob Nikolaus.....	do.	60 00
6478	do.	Ruth E. Murphy.....	do.	52 50
6479	do.	Elizabeth Muhleman.....	do.	34 00
6480	do.	Uriah Moreland.....	do.	54 00
6481	do.	Rebecca Morgan.....	do.	40 00
6482	do.	Arthur Moran.....	do.	61 60
6483	do.	C. M. Miller.....	do.	50 60
6484	do.	Daniel Meenely.....	do.	57 64
6485	do.	O. E. Meenach.....	do.	62 40
6486	do.	J. F. Smith.....	do.	65 00
6487	do.	Andy Pickens.....	do.	45 00
6488	do.	Sadie Jones.....	do.	45 00
6489	do.	Frank Sanders.....	do.	58 25
6490	do.	Joe Mink.....	do.	42 50
6491	do.	Fred Moorey.....	do.	27 45
6492	do.	Frank Middleton.....	do.	26 82
6493	do.	William Leach.....	do.	75 00
6494	do.	Adolph Langhoff.....	do.	75 00
6495	do.	B. L. Holorty.....	do.	88 40
6496	do.	Wm. Tappin.....	do.	71 00
6497	do.	P. O. Moore.....	do.	23 36
6498	do.	A. M. McBarth.....	do.	32 88
6499	do.	H. B. Kezle.....	do.	125 00
6500	do.	W. A. Kooker.....	do.	45 30
6501	do.	Guy Fox.....	do.	76 20
6502	do.	Frank Irvine.....	do.	63 45
6503	do.	Fred Hooker.....	do.	43 40
6504	do.	Bertha G. States.....	do.	50 00
6505	do.	Wm. Wascher.....	do.	61 30
6506	do.	C. L. Stamba.....	do.	68 40
6507	do.	Louis Orvant.....	do.	88 40
6508	do.	S. T. Wallace.....	do.	20 88
6509	do.	Wm. Kanghoff.....	do.	89 82
6510	do.	E. W. Justus.....	do.	108 00
6511	do.	W. C. Wilde.....	do.	80 00
6512	do.	L. F. Thilson.....	do.	62 79
6513	do.	W. J. Smith.....	do.	111 20
6514	do.	Edward Richards.....	do.	93 60
6515	do.	J. R. Newton.....	do.	78 37
6516	do.	Jesse Myers.....	do.	76 25
6517	do.	M. W. Murphy.....	do.	81 15
6518	do.	John Miller.....	do.	86 40
6519	do.	B. R. Honovski.....	Salary, October, 1912.	36 29

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
6520	Oct. 31	Pete Davis	Wages, October, 1912	\$ 74 32
6521	do.	Jas. Irvine	do.	52 00
6522	do.	August Warmbier	do.	46 86
6523	do.	E. L. Throp	do.	68 40
6524	do.	G. H. Reilly	do.	78 22
6525	do.	J. E. Morgan	do.	43 00
6526	do.	L. F. Long	do.	57 00
6527	do.	Albon Bevis	do.	167 75
6528	do.	A. O. Magnuson	do.	80 00
6529	do.	C. R. Sinclair	do.	68 75
6530	do.	A. F. Kelley	do.	29 40
6531	do.	W. Brown	do.	12 60
6532	do.	Della Rogers	do.	25 00
6533	do.	C. W. Sigerson	do.	12 60
6534	do.	Kenneth Brown	do.	23 75
6535	do.	B. L. Ray	do.	27 50
6536	do.	L. C. Kent	do.	10 70
6537	do.	F. X. Loeffler	do.	18 30
6538	do.	R. P. Gage	do.	23 45
6539	do.	H. McIntosh	do.	16 00
6540	do.	Bert Sterenberg	do.	15 00
6541	do.	R. S. Scholl	do.	10 50
6542	do.	P. A. Nowlen	do.	10 10
6543	do.	S. A. Porter	do.	90 00
5444	do.	W. H. Howat	do.	26 25
6545	do.	F. A. Kirkpatrick	do.	54 18
6546	do.	Verna A. Manley	do.	33 50
6547	do.	W. W. Rash	do.	16 92
6548	do.	B. L. Morehouse	do.	85 00
6549	do.	Robert Pergande	do.	85 00
6550	do.	E. E. Craig	do.	10 25
6551	do.	L. S. Baldwin	do.	38 33
6552	do.	Claude Harrolle	do.	40 00
6553	do.	Ralph Chaplin	do.	60 00
6554	do.	Florence Nyberg	do.	22 58
6555	do.	G. E. Wright	do.	94 00
6556	do.	A. Baumgartner	do.	78 00
6557	do.	Frank Hardy	do.	81 00
6558	do.	Wesley Wilson	do.	90 00
6559	do.	J. R. Vandiventer	do.	90 00
6560	do.	Martin Sandwell	do.	90 00
6561	do.	C. A. Dunseth	do.	83 20
6562	do.	O. P. Smith	do.	81 00
6563	do.	Asa Denman	do.	78 00
6564	do.	Chas. Hill	do.	90 00
6565	do.	Fred Fender	do.	77 84
6566	do.	W. H. Clark	do.	87 60
6567	do.	Ethel Manley	do.	62 25
6568	do.	C. A. Denman	do.	109 35
6569	do.	Otto Harrassowitz	Books	7 44
6570	do.	W. W. Lindley, Postmaster	Postage	345 24
6571	do.	D. M. Sims	Labor on tunnel	74 05
6572	do.	B. Barlow	Expenses	14 95
6573	do.	H. E. Howes	Wages, October, 1912	15 00
6574	do.	A. A. Spuhng	Laboratory supplies	4 75
6575	do.	Gertrude Johnson	Wages, October, 1912	15 37
6576	do.	W. B. Atwell	do.	33 40
6577	do.	Frances H. McClughen	Laundry work	11 07
6578	do.	F. G. Blair	Expenses	25 65
6579	do.	Joseph Baer & Co.	Books	51 86
6580	do.	C. C. Chapman	Expenses	5 15
6581	do.	Leonard Hegnauer	do.	5 30
6582	do.	Jennie C. Barlow	do.	60 68
6583	do.	Florence Harrison	do.	60 00
6584	do.	O. P. Wagner	do.	8 53
6585	do.	Minnie M. Peterson	do.	4 37
6586	do.	Helen M. Day	do.	4 42
6587	do.	Helena M. Pincomb	do.	6 55
6588	do.	F. C. Bauer	do.	7 77
6589	do.	Ralph Allen	do.	27 19
6590	do.	J. T. Newsome	do.	47 78
6591	do.	O. E. Staples, Chief Clerk	Students' payroll	400 82
6592	do.	O. E. Staples, Chief Clerk	Rebates	236 00
6593	do.	O. E. Staples, Chief Clerk	Freight	294 21
6594	do.	O. E. Staples, Chief Clerk	Express	98 25
6595	do.	O. E. Staples, Chief Clerk	Sundry bills	47 45
6596	do.	V. Jobst & Sons	Payment on contract	12,752 50
6597	do.	S. O. Andros	Salary, October, 1912	25 00
6598	do.	H. W. Ludwig Degener	Books	2 98

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
6599	Oct. 31	S. C. Taylor	Services	\$ 15 00
6600	do.	P. Adams	Labor and teaming	193 97
6601	Nov. 1	H. P. Rusk	Expenses	7 95
6602	do.	The Salt Lake City Hardware Co.	Balances	210 00
6603	do.	Gould Storage Battery Co.	Batteries	58 80
6604	do.	Otis Elevator Co.	Elevator	197 50
6605	do.	Link-Belt Co.	Testing apparatus	2,872 00
6606	do.	Gregory Electric Co.	Motors	133 00
6607	do.	General Electric Co.	Electric apparatus	2,422 74
6608	do.	H. W. Mumford	Expenses	10 16
6609	do.	The Garden City Sand Co.	Sand	52 50
6610	do.	G. P. Hindert	Hardware, etc.	69 63
6611	do.	Frederic Cranefield	Printing	38 40
6612	do.	The Letter Shop	Mimeographing	15 30
6613	do.	O. E. Staples, Chief Clerk	Express bills paid	50 91
6614	do.	O. E. Staples, Chief Clerk	Sundry bills paid	232 71
6615	do.	Rosa-Lee Gaut	Instruction	35 00
6616	do.	T. D. Jensen	Expenses	8 16
6617	do.	T. J. Burrill	Honorarium	500 00
6618	do.	D. N. Stevenson	Expenses	37 30
6619	do.	H. P. Rusk	do.	15 19
6620	do.	H. C. Wheeler	Field expenses	94 56
6621	do.	F. L. Hale	do.	20 32
6622	do.	G. M. Hinkley	Expenses	112 04
6623	Nov. 2	Wilhelm Hirschkind	Balance, Salary, October, 1912	20 00
6624	do.	H. K. Duell	Butter	2 00
6625	do.	Schaefer & Dolan	Premium	60 00
6626	do.	Educational Publishing Co.	Crayon	14 00
6627	do.	H. W. Mumford	Expenses	4 00
6628	do.	J. L. Edmunds	do.	18 04
6629	do.	G. M. Layman	Poultry	20 00
6630	do.	J. W. Bensyl	do.	32 50
6631	do.	F. W. Wilson	Wages, September and October 1912	60 00
6632	do.	Chicago Retort & Fire Brick Co.	Brick	24 30
6633	do.	A. F. Krueger	Expenses	19 94
6634	do.	Chas. Gilkerson	do.	12 28
6635	do.	A. Ten Broeck	do.	5 62
6636	do.	Keuffel & Esser Co.	Drawing tables	220 20
6637	do.	W. A. Ruth	Field expenses	61 31
6638	do.	Henry Matern	Sow	61 00
6639	do.	H. H. Stock	Expenses	7 44
6640	do.	Juanita E. Darrah	Salary, October, 1912	10 00
6641	do.	Gentz & Voight	Mower and gate	46 25
6642	do.	W. W. Stoolman	Payment on contract	2,125 00
6643	Nov. 4	W. N. Rudd	Expenses	14 79
6644	do.	E. S. Good	do.	34 45
6645	do.	J. J. Gardner	do.	13 12
6646	do.	B. S. Pickett	do.	26 24
6647	do.	The Carl Bajohr L. C. Co.	Conductors	257 97
6648	do.	E. B. Walton	Field expenses	14 95
6649	do.	H. C. Augustus	Rental	100 00
6650	do.	C. R. Richards	Expenses	12 94
6651	do.	O. S. Watkins	do.	59 62
6652	do.	B. S. Pickett	do.	26 24
6653	do.	A. J. Gunderson	do.	28 13
6654	do.	August Geweke	do.	8 60
6655	do.	S. V. Holt	do.	96 16
6656	do.	American Steel & Wire Co.	Fencing	246 75
6657	do.	Edward Bartow	Expenses	54 68
6658	do.	C. G. Hopkins	do.	173 60
6659	Nov. 5	C. F. Miller	Sundry bills paid	10 83
6660	do.	Frank Stockdale	Lecture	25 00
6661	do.	O. E. Staples, Chief Clerk	Students' payroll	535 18
6662	do.	O. E. Staples, Chief Clerk	Freight	348 66
6663	do.	O. E. Staples, Chief Clerk	Men's payroll	225 82
6664	do.	O. E. Staples, Chief Clerk	Express	103 31
6665	do.	John Reichard	Oats	726 31
6666	do.	W. A. Hutcherson	Oats and straw	284 61
6667	Nov. 6	P. P. Cparoni & Bro.	Models	40 93
6668	do.	Woldenberg & Schaar	Laboratory apparatus	84 95
6669	do.	Block Publishing Co.	Books	1 22
6670	do.	Illinois Printing Co.	Labels	7 50
6671	do.	Eugene Dietzgen Co.	Paper	16 52
6672	do.	Dallenbach Brothers	Meat	13 25
6673	do.	McKinley Publishing Co.	Maps	1 72
6674	do.	Electric Appliance Co.	Electric supplies	24 55
6675	do.	Joseph T. Ryerson & Son	Steel	8 05
6676	do.	Jacquiu & Co.	Stationery	29 25
6677	do.	Great Western Cleaner Co.	Floor cleaner	4 00



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
6678	Nov. 6	The Beardsley Hotel Co.....	Hotel bill.....	\$14 75
6679	..do....	University Club.....	Entertaining.....	9 20
6680	..do....	Southern Illinois Penitentiary.....	Brushes.....	6 65
6681	..do....	The Geo. Banta Publishing Co.....	Express.....	13 84
6682	..do....	Gaylord Brothers.....	Gummed numbers.....	1 40
6683	..do....	Remington Typewriter Co.....	Ribbons.....	2 10
6684	..do....	The Letter Shop.....	Mimeograph work.....	15 00
6685	..do....	Powers & Powers.....	Amoeba.....	5 20
6686	..do....	F. D. Lambert.....	Laboratory supplies.....	20 72
6687	..do....	Ernst Leitz.....	Repairs.....	2 30
6688	..do....	J. H. Coffey.....	Wages, October, 1912.....	45 00
6689	..do....	Horticultural Publishing Co., Ltd.....	Subscription.....	1 50
6690	..do....	The Chicago Packer.....	..do.....	2 00
6691	..do....	G. M. Clark & Co.....	Stove.....	3 20
6692	..do....	C. W. Johnson.....	Metal supplies.....	16 75
6693	..do....	Market Growers Journal Co.....	Subscription.....	1 00
6694	..do....	The Miller Harness Co.....	Harness.....	7 15
6695	..do....	Lord and Thomas.....	Book.....	2 00
6696	..do....	Robert F. Hildebrand.....	Photographs.....	33 50
6697	..do....	S. E. Henley Lumber Co.....	Lumber.....	18 20
6698	..do....	Spencer Lens Co.....	Water bath complete.....	80 06
6699	..do....	The Rider & Driver.....	Subscription.....	10 00
6700	..do....	Creamery Package Mfg. Co.....	Gaskets.....	4 36
6701	..do....	J. H. Paine.....	Slides.....	7 60
6702	..do....	Palmer Bros.....	Jars.....	12 77
6703	..do....	American Journal of Veterinary Medicine.....	Subscription.....	2 00
6704	..do....	Twin City Printing Co.....	Tags.....	3 50
6705	..do....	Walker & Mulliken.....	Linoleum.....	61 67
6706	..do....	A. H. Barber Creamery Supply Co.....	Tester.....	34 00
6707	..do....	The Western Horseman Co.....	Subscription.....	2 00
6708	..do....	American Book Co.....	Books.....	5 76
6709	..do....	Drovers Journal Publishing Co.....	Subscription.....	6 00
6710	..do....	Fairfield Farms.....	Poultry.....	40 00
6711	..do....	The Globe Wernicke Co.....	Cards.....	3 50
6712	..do....	The Chas. Graham Chemical Potter Works.....	Sink.....	11 40
6713	..do....	Corbin Cabinet Lock Co.....	Keys.....	10 99
6714	..do....	National Mosiac Tile Co.....	Tile.....	26 00
6715	..do....	The American Blackboard Co.....	Blackboard.....	14 50
6716	..do....	A. V. Bleininger.....	Expenses.....	28 50
6717	..do....	Wood Products Co.....	Laboratory materials.....	4 75
6718	..do....	W. J. Boehm.....	Laboratory apparatus.....	8 00
6719	..do....	H. W. Johns-Manville Co.....	Asbestos supplies.....	13 92
6720	..do....	Meyer Bros. Drug Co.....	Drugs.....	1 50
6721	..do....	J. T. Baker Chemical Co.....	..do.....	15 77
6722	..do....	Simplex Electric Heating Co.....	Coils.....	21 00
6723	..do....	Roessler & Hasslacher Chemical Co.....	Sodium peroxide.....	25 00
6724	..do....	U. T. Hungerford Brass & Copper Co.....	Tubing.....	2 48
6725	..do....	Eimer & Amend.....	Supplies.....	11 20
6726	..do....	The Emil Greiner Co.....	Laboratory supplies.....	6 00
6727	..do....	H. J. Bannister.....	Wages, October, 1912.....	34 62
6728	..do....	Lewis Electric Supply Co.....	Services.....	3 00
6729	..do....	The Peoria Star Co.....	Advertising.....	1 00
6730	..do....	Western Kieley Steam Specialty Co.....	Valves.....	21 00
6731	..do....	Frank S. Betz Co.....	Plates.....	10 00
6732	..do....	The Accident Cabinet Co.....	Supplies.....	1 36
6733	..do....	Jas. G. Biddle.....	Thermometers.....	43 54
6734	..do....	The National Pipe Bending Co.....	Heater.....	10 00
6735	..do....	Theodore Bercher & Son.....	Labor and material.....	17 15
6736	..do....	General Electric Co.....	Wire.....	30 53
6737	..do....	Faries Mfg. Co.....	Refinishing.....	9 00
6738	..do....	Jahn & Ollier Engraving Co.....	Tracings.....	12 35
6739	..do....	Walker Vehicle Co.....	Repairs on voltmeter.....	5 00
6740	..do....	Swift & Co.....	Fertilizer.....	9 95
6741	..do....	C. F. C. Riley.....	Expenses.....	29 36
6742	..do....	Conklin & Hill.....	Implements.....	66 50
6743	..do....	The Carson-Payson Co.....	Lavatory.....	23 00
6744	..do....	National Municipal League.....	Dues.....	5 00
6745	..do....	R. G. Lewis.....	Book.....	5 00
6746	..do....	The Religious Education Assn.....	Dues.....	3 00
6747	..do....	The Register Gazette.....	Book.....	1 65
6748	..do....	Robert Rutter & Son.....	Binding.....	2 20
6749	..do....	Perry & Buckley Co.....	Books.....	3 08
6750	..do....	The H. W. Wilson Co.....	..do.....	14 00
6751	..do....	H. N. Elmer, General Agent.....	Apparatus.....	3 75
6752	..do....	C. E. Brown Mfg. Co.....	Supplies.....	13 00
6753	..do....	National Steam Specialty Co.....	Valves.....	14 40
6754	..do....	Medart Patent Pulley Co.....	Hardware.....	17 65
6755	..do....	U. & C. Railway, Gas & Electric Co.....	Cross arms.....	7 50

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
6756	Nov. 1912.	Westinghouse Electric & Mfg. Co.	Repairs on motor.	\$ 54.26
6757	do.	The Babcock & Wilcox Co.	Handles and latches.	3.60
6758	do.	The Carlock Packing Co.	Packing.	13.50
6759	do.	The Business Bourse.	Subscription.	1.50
6760	do.	Whiting Paper Co.	Paper.	56.65
6761	do.	F. K. Mulhig.	Copying list.	1.92
6762	do.	F. K. Cowley.	Salary, October, 1912.	120.00
6763	do.	Catherine Oaks.	do.	75.00
6764	do.	Myrtle A. Renz.	do.	52.96
6765	do.	Frances G. Garwood.	Hardware, etc.	43.33
6766	do.	The Hill & Griffith Co.	Oil and freight.	15.75
6767	do.	T. P. Kelley & Co.	Flasks.	6.71
6768	do.	The Adams Co.	Printing.	9.00
6769	do.	Pantagraph Printing & Stationery Co.	Wages, October, 1912.	1,163.30
6770	do.	Marionie H. Gage.	Advertising.	22.50
6772	do.	E. W. Sampson.	Services.	4.80
6773	do.	Albert Westman.	Watches.	25.00
6774	do.	W. G. Strongquist.	Expenses.	18.00
6775	do.	Indianapolis Engraving & Electrotyping Co.	Expenses.	34.15
6776	do.	G. Van Nostrand Co.	Map.	1.68
6777	do.	F. P. Smith Wire & Iron Works.	Book.	1.50
6778	Nov. 7.	J. E. Haye.	Brass thresholds.	10.60
6779	do.	D. M. Brumfiel.	Laying tile.	18.30
6780	do.	G. H. Chase.	Scholarship, October, 1912.	25.00
6781	do.	R. Graham.	Honorarium.	175.00
6782	do.	M. Cherry.	Milk.	5.50
6783	do.	S. Atchison.	do.	4.13
6784	do.	J. P. Yezzel.	do.	3.30
6785	do.	J. M. Stuckrod.	do.	4.13
6786	do.	P. P. Dunn.	do.	21.73
6787	do.	E. W. Smalley.	do.	5.78
6788	do.	J. H. Schwengel.	do.	7.97
6789	do.	James Freeman.	do.	6.22
6790	do.	G. Taylor.	do.	5.95
6791	do.	O. A. McInnes.	do.	5.83
6792	do.	John Weiss.	do.	28.18
6793	do.	C. Allen.	do.	7.07
6794	do.	T. A. McCracken.	do.	7.14
6795	do.	W. E. Leigh.	do.	8.89
6796	do.	Wm. Case.	do.	12.75
6797	do.	I. H. Gordon.	do.	11.65
6798	do.	W. E. Yount.	do.	10.59
6799	do.	W. H. Gray.	do.	6.27
6800	do.	E. F. Lyons.	do.	8.31
6801	do.	O. W. Hampton.	do.	8.42
6802	do.	Fred Thompson.	do.	3.29
6803	do.	W. H. Webb.	do.	1.70
6804	do.	A. G. Gard.	do.	3.56
6805	do.	J. B. Sallday.	do.	4.48
6806	do.	N. Murrell.	do.	10.57
6807	do.	M. Leigh.	do.	7.65
6808	do.	J. M. Herrtolt.	do.	12.13
6809	do.	M. Hudson.	do.	4.03
6810	do.	T. F. Lyons.	do.	20.84
6811	do.	J. E. Handerson.	do.	3.80
6812	do.	C. C. Gordon.	do.	12.17
6813	do.	G. M. Seaber.	do.	6.88
6814	do.	H. I. Nelson.	do.	5.25
6815	do.	A. R. Grindley.	do.	6.76
6816	do.	J. H. Umbanhowar.	do.	5.67
6817	do.	J. W. Anderson.	do.	5.23
6818	do.	D. W. Shiveley.	do.	7.55
6819	do.	R. A. Linsden.	do.	5.28
6820	do.	G. F. Dielenbach.	do.	1.66
6821	do.	C. A. Fogel.	do.	5.65
6822	do.	W. C. Welch.	do.	7.71
6823	do.	W. D. Kohl.	do.	8.99
6824	do.	E. R. Canady.	do.	11.84
6825	do.	F. Krukewitt.	do.	2.75
6826	do.	John McChillough.	do.	30.79
6828	do.	David Wilkins.	do.	5.87
6829	do.	George Harttolt.	do.	9.84
6830	do.	H. J. Morehouse.	do.	17.67
6831	do.	T. M. Ghare.	do.	9.22
6832	do.	W. F. Hampton.	do.	6.19
6833	do.	L. H. Besore.	do.	3.28

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
6834	Nov. 7	W. H. Frame.....	Milk.....	\$ 10 60
6835	do.	W. J. Wilson.....	do.	4 57
6836	do.	I. Ellrod.....	do.	10 02
6837	do.	F. W. Howell.....	do.	5 73
6838	do.	D. S. Herriott.....	do.	12 70
6839	do.	John Godsell.....	do.	4 71
6840	do.	Pearl Hazen.....	do.	11 40
6841	do.	R. S. McInnes.....	do.	7 69
6842	do.	John Engelbrecht.....	do.	21 70
6843	do.	S. Guinn.....	do.	6 51
6844	do.	F. H. Busey.....	do.	5 59
6845	do.	W. Davis.....	do.	6 30
6846	do.	L. F. Lindsey.....	do.	4 63
6847	do.	G. W. Van Meter.....	do.	19 03
6848	do.	Frank Knox.....	do.	9 16
6849	do.	J. E. Haney.....	do.	8 52
6850	do.	J. M. Smith.....	do.	15 60
6851	do.	Cora Stacker.....	do.	9 06
6852	do.	J. C. Anderson.....	do.	3 33
6853	do.	J. F. Hoy.....	do.	7 69
6854	do.	C. J. Gillespie.....	do.	12 42
6855	do.	B. Jordan.....	do.	13 48
6856	do.	D. A. Silver.....	do.	3 40
6857	do.	L. P. Rayburn.....	do.	6 33
6858	do.	H. Buhs.....	do.	7 58
6859	do.	E. Grove.....	do.	9 92
6860	do.	Len Rayburn.....	do.	2 21
6861	do.	H. C. Kaufman.....	do.	5 88
6862	do.	George Schiff.....	do.	13 36
6863	do.	C. Ross.....	do.	15 63
6864	do.	Lou Creiger.....	do.	7 33
6865	do.	Nicholas Hahn.....	do.	7 62
6866	do.	H. Wascher.....	do.	19 91
6867	do.	S. Herriott.....	do.	4 61
6868	do.	R. T. Lumsden.....	do.	3 84
6869	do.	T. F. Jordan.....	do.	29 60
6879	do.	W. L. Burlison.....	Expenses.....	4 45
6871	do.	R. L. Hegnauer.....	do.	3 45
6872	do.	H. C. Taylor.....	Baling straw.....	38 40
6873	do.	R. W. Brancher.....	Rental.....	150 00
6874	do.	The Chicago Live Stock World.....	Subscription.....	6 00
6875	do.	J. W. Dunlap.....	Payment on contract.....	215 00
6876	do.	Jas. H. Carter.....	Expenses.....	52 50
6877	do.	W. H. Gallher.....	do.	186 30
6878	do.	McClean Lumber Co.....	Lumber.....	111 67
6879	do.	Franklin Valbert.....	Wagon bed.....	13 00
6880	do.	Ebner Ice & Cold Storage Co.....	Barrels.....	9 92
6881	do.	Alex Harmon & Son.....	Horse shoeing.....	7 10
6882	do.	The New York Botanical Garden.....	Book.....	1 50
6883	do.	Texas State Historical Assn.....	Bookbinding.....	15 00
6884	do.	H. H. Stoek.....	Expenses.....	46 34
6885	do.	F. C. Lincoln.....	do.	23 93
6886	do.	H. H. Lauer.....	Services and expenses.....	4 05
6887	do.	T. A. Simpson.....	List.....	1 00
6888	do.	Albert Tate.....	Expenses.....	65 65
6889	do.	Frank Morgan.....	do.	28 00
6890	do.	Rance Sutton.....	do.	52 17
6891	do.	A. L. Moats.....	do.	35 44
6892	do.	W. Aten, Sr.....	do.	13 50
6893	do.	Henry Pfau.....	Field expenses.....	41 85
6894	do.	C. A. Campbell.....	Expenses.....	124 77
6895	do.	J. H. Pettit.....	do.	39 76
6896	do.	E. Van Alstine.....	do.	12 24
6897	do.	J. E. Whitechurch.....	do.	89 71
6898	do.	F. W. Gault.....	do.	82 15
6899	do.	J. E. Andrews.....	do.	19 11
6900	do.	J. R. Wells.....	do.	10 86
6901	Nov. 8	W. F. Conway.....	Butter.....	6 09
6902	do.	Spring Valley Creamery.....	do.	5 29
6903	do.	G. J. Deardorf.....	do.	6 02
6904	do.	Johnsons Creamery.....	do.	9 10
6905	do.	F. Grimm.....	do.	5 59
6906	do.	P. G. Jones.....	do.	2 45
6907	do.	G. H. Bost.....	do.	6 09
6908	do.	W. L. Richards.....	do.	6 96
6909	do.	W. L. Curlls.....	do.	9 28
6910	do.	W. R. Olinger.....	do.	2 45
6911	do.	M. E. Simonson.....	do.	9 24
6912	do.	Sam Grimm.....	do.	5 60

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
6913	Nov. 8	R. J. Collier	Butter	\$ 8 96
6914	do.	Dewitt Smith	do.	6 02
6915	do.	John Newman & Co.	Return of fee.	2 00
6916	do.	John Crerar Library	Cards.	15 00
6917	do.	The Denver Fire Clay Co.	Materials.	27 00
6918	do.	L. R. Lang.	Expenses.	11 79
6919	do.	W. T. Crandall.	do.	17 79
6920	do.	W. J. Fraser.	do.	60 82
6921	do.	W. W. Yapp.	do.	21 30
6922	do.	N. W. Hepburn.	do.	11 69
6923	do.	R. C. Kastler.	do.	32 40
6924	do.	Freeman & Brooks.	Payment on contract.	2,975 48
6925	do.	A. E. Morris.	Expenses.	170 43
6926	do.	G. W. Matheny.	do.	69 05
6927	do.	Wadsworth Howland Co.	Paints, etc.	19 69
6928	do.	The Arthur H. Clark Co.	Books.	6 77
6929	do.	Jas. H. Rice Co.	Glass.	21 00
6930	do.	G. C. Willis.	Dry goods.	2 80
6931	do.	Bryan-Marsh Electric Works.	Electrical supplies.	160 60
6932	do.	J. W. Butler Paper Co.	Paper.	12 90
6933	Nov. 11	Montgomery Ward & Co.	Supplies.	23 56
6934	do.	White Line Steam Laundry	Laundry work.	21 42
6935	do.	Königlichen Bibliothek.	Cards.	12 16
6936	do.	The Lombard Co.	Books.	7 20
6937	do.	Victor Electric Co.	Coil.	75 00
6938	do.	H. A. Swits.	Rabbits.	3 00
6939	do.	The Holstein-Freisian World.	Subscription.	1 50
6940	do.	The Breeders Gazette.	Copies.	2 00
6941	do.	Creamery Package Mfg. Co.	Dairy supplies.	23 42
6942	do.	S. E. Dillavou.	Supplies.	22 20
6943	do.	W. W. Walls & Co.	Lumber and lime.	7 92
6944	do.	The American Breeders Assn.	Dues.	2 00
6945	do.	W. Lewis & Co.	Jars and cloth.	2 18
6946	do.	The Chas. A. Strelinger & Co.	Hardware.	10 01
6947	do.	American Drafting Furniture Co.	Furniture.	1,493 35
6948	do.	A. B. Wright.	Salary, October, 1912.	50 00
6949	do.	T. H. Flood & Co.	Books.	29 10
6950	do.	Callaghan & Co.	do.	17 50
6951	do.	Lawyers Co-operative Publishing Co.	do.	5 00
6952	do.	West Publishing Co.	Subscription.	51 75
6953	do.	Otto Harrassowitz.	do.	90 18
6954	do.	J. Terquem & Cie.	do.	4 68
6955	do.	The Willis Music Co.	Music.	11 80
6956	do.	Ernst Hertzberg & Sons.	Bookbinding.	249 80
6957	do.	The E. H. Wachs Co.	Pin box.	3 00
6958	do.	Geo. B. Carpenter & Co.	Cable and blocks.	69 15
6959	do.	John C. Moore Corporation.	Binders.	3 00
6960	do.	John B. Bennett.	Labor and material.	63 38
6961	do.	American Steel & Wire Co.	Freight.	27 92
6962	do.	J. G. Mosier.	Expenses.	40 15
6963	do.	G. W. Medley.	do.	30 65
6964	do.	Swift & Henry.	Sheep.	3,048 38
6965	do.	Harry Ferguson.	Expenses.	5 32
6966	do.	Western Valve Co.	Valves.	55 44
6967	do.	Ernst Hertzberg & Sons.	Bookbinding.	36 83
6968	do.	Illinois State Penitentiary.	Furniture and repairs.	59 00
6969	do.	D. H. Lloyd.	Stationery supplies.	15 53
6970	do.	Illinois State Reformatory.	Printing.	491 60
6971	do.	The Lunkenheimer Co.	Fittings.	9 31
6972	do.	F. M. Leslie.	Picture frames.	18 60
6973	do.	Standard Oil Co.	Oil, etc.	64 84
6974	do.	P. S. Campbell.	Printing.	14 00
6975	do.	Champaign Steam Laundry.	Laundry.	27 00
6976	do.	The Chester Transfer Co.	Hauling and shoeing.	28 50
6977	do.	Chas. A. Hall Hardware Co.	Hardware.	46 70
6978	do.	Chas. H. Besly & Co.	Hardware, etc.	15 02
6979	do.	Bennetts Newspaper & Magazine Agency	Subscriptions.	52 85
6980	do.	Jas. B. Clow & Sons.	Pipe, fittings, etc.	44 38
6981	do.	Derrough & Co.	Hardware.	8 20
6982	do.	Crane Co.	Fixtures.	77 31
6983	do.	Stipes & Hecker.	Sand, gravel, etc.	95 90
6984	do.	Swartz Electric Shop.	Material and rent.	3 25
6985	do.	Machinists Supply Co.	Hardware.	68 08
6986	do.	A. S. Nelson & Sons.	Groceries.	14 38
6987	do.	Metzler & Schafer Co.	do.	57 83
6988	do.	Meyer & Wenthe.	Rubber stamps.	5 00
6989	do.	Mittendorf & Klier.	Furniture.	81 92
6990	do.	The Burr Co.	Hardware, etc.	251 88
6991	do.	Percival & Moorehead.	do.	65 52

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
6992	Nov. 11	John H. Doyle	Supplier etc.	\$ 58 16
6993	do.	A. C. McClurg & Co.	Books and supplies	150 61
6994	do.	G. E. Stechert & Co.	Books	66 04
6995	do.	Central Electric Co.	Electric supplies	78 38
6996	do.	S. E. Huff & Co.	Lumber, etc.	427 05
6997	do.	The University of Illinois Supply Store.	Stationery	147 36
6998	do.	Twin City Ice & Cold Storage Co.	Ice	56 44
6999	do.	Automatic Electric Co.	Electric supplies	69 20
7000	do.	John B. Bennett	Labor and material	210 30
7001	Nov. 12	Western Electric Co.	Electrical supplies	32 37
7002	do.	The Frederick Post Co.	Blue prints	53 10
7003	do.	Sears, Roebuck Co.	Book and canvas	15 40
7004	do.	R. C. Wagner & Son	Teaming	242 50
7005	do.	Pantagraph Printing & Stationery Co.	Stationery and labor	51 95
7006	do.	Twin City Roofing & Sheet Metal Works	Materials	247 56
7007	do.	Leavitt Mfg. Co.	Labor and materials	569 94
7008	do.	Freeman & Brooks	do.	152 99
7009	do.	M. H. Foundry & Mfg. Co.	Plumbing supplies	45 00
7010	do.	Flanigan-Pearson Co.	Books and printing	198 27
7011	do.	Hektograph Mfg. & Dup Co.	Duplicator and ribbon	6 88
7012	do.	H. A. Dreer	Seeds	25 57
7013	do.	Freeman & Brooks	Payment on contract	297 50
7014	do.	G. A. Harper	Expenses	6 50
7015	do.	H. A. Hollister	do.	37 50
7016	do.	O. E. Staples, Chief Clerk	Snyder deposits payments	400 00
7017	do.	A. H. Palmer	Soap and oil	1 70
7018	do.	Hoskins Mfg. Co.	Laboratory apparatus	73 75
7019	do.	C. A. Rowe	Expenses	7 60
7020	do.	F. A. Pearson	do.	32 77
7021	do.	C. J. Welch	Payment on contract	1, 248 94
7022	do.	Ralph Chaplin	Expenses	17 80
7023	do.	Victoria A. Adams	do.	4 96
7024	do.	C. C. Logan	do.	96 00
7025	do.	H. P. Rusk	do.	30 45
7026	do.	Ralph Hilscher	do.	34 93
7027	do.	P. Adams	Hauling	28 37
7028	do.	A. O. Magnuson	Prints and tracings	150 72
7029	do.	O. E. Staples, Chief Clerk	Rebates	1, 012 25
7030	do.	O. E. Staples, Chief Clerk	Freight	143 06
7031	do.	O. E. Staples, Chief Clerk	Express	41 93
7032	do.	O. E. Staples, Chief Clerk	Students' payroll	345 43
7033	do.	O. E. Staples, Chief Clerk	Sundry bills	43 62
7034	do.	W. W. Lindley, Postmaster	Postage	417 75
7035	Nov. 13	C. G. Winn	Barrels	129 00
7036	do.	Woldenberg & Schaar	Laboratory apparatus	290 40
7037	do.	Anaconda Copper Mining Co.	Labor and materials	3 85
7038	do.	American Institute of Electrical Engineers	Papers	7 40
7039	do.	Jesse Jones Paper Box Co.	Paper boxes	12 00
7040	do.	C. G. Gere	Repairs	1 50
7041	do.	Geo. Banta Publishing Co.	Express	4 84
7042	do.	Democrat Printing Co.	Pamphlet cases	120 00
7043	do.	Kimpton-Harbottle & Haupt	Stand.	1 23
7044	do.	De Zeng Standard Co.	Charts	6 25
7045	do.	Illinois State Penitentiary	Chair	7 50
7046	do.	Robert Abernathy	Services	28 00
7047	do.	Kewaunee Mfg. Co.	Cabinet and tables	120 90
7048	do.	Kirkpatrick University Store	Eggs	2 10
7049	do.	Farmer's Advocate	Subscription	4 00
7050	do.	The Divine Water Motor Co.	Motor	4 23
7051	do.	Market Growers Journal Co.	Subscription	1 00
7052	do.	Mrs. C. W. Balke	Eggs	1 52
7053	do.	The National Provisioner	Subscription	3 00
7054	do.	Holland-St. Louis Sugar Co.	Sugar	2 00
7055	do.	B. E. Powell	Expenses	6 75
7056	do.	R. E. Brand	do.	3 00
7057	do.	The American Multigraph Sales Co.	Book	8 15
7058	do.	American Horse Breeder Publishing Co.	Subscription	3 00
7059	do.	P. Adams	Hauling	12 32
7060	do.	The American Hereford Journal	Subscription	1 00
7061	do.	The Chicago Live Stock World	Papers	6 00
7062	do.	State Charities Commission	Desk	50 00
7063	do.	Corbin Cabinet Lock Co.	Keys	7 31
7064	do.	Chas. Engelhard	Apparatus	145 60
7065	do.	Abbe Engineering Co.	Materials	10 50
7066	do.	Baker & Adams Chemical Co.	Chemicals	8 20
7067	do.	Albert Wuesteman	Regulator	47 50
7068	do.	Illinois Printing Co.	Labels	7 50
7069	do.	Baker & Co., Inc.	Sheet metals	76 61

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
7070	Nov. 13	Elwood Haynes.....	Spatulas.....	\$ 3 00
7071	..do..	Frank A'Heals.....	Corn.....	6 00
7072	..do..	Alexander H. Revell & Co.....	Furniture.....	551 25
7073	..do..	The V. D. Anderson Co.....	Steam traps.....	46 88
7074	..do..	Crane Co.....	Pipe.....	5 50
7075	..do..	Freeman & Brooks.....	Labor and materials.....	22 27
7076	..do..	Frank S. Betz Co., Inc.....	Plate.....	3 50
7077	..do..	H. C. Tunison.....	Map.....	1 20
7078	..do..	N. J. Bartlett & Co.....	Books, etc.....	7 88
7079	..do..	Central Scientific Co.....	Instruments.....	22 52
7080	..do..	A. C. McClurg & Co.....	Books.....	125 03
7081	..do..	Robert Appleton Co.....	Book.....	6 00
7082	..do..	American Society of Civil Engineers.....	Index.....	3 00
7083	..do..	J. L. Edmonds.....	Expenses.....	10 60
7084	..do..	The Business Bourse.....	Subscription.....	1 00
7085	..do..	Automatic Electric Co.....	Electric supplies.....	20 19
7086	..do..	Geo. B. Carpenter & Co.....	Waste and packing.....	72 01
7087	..do..	The Chicago Record-Herald.....	Subscription.....	6 50
7088	..do..	Crerar-Adams & Co.....	Paper.....	5 00
7089	..do..	A. Barr.....	Materials.....	25 05
7090	..do..	F. S. Burch & Co.....	Lags.....	6 00
7091	..do..	Paul Hansen.....	Expenses.....	95 49
7092	..do..	Bausch & Lomb Optical Co.....	Laboratory supplies.....	629 43
7093	..do..	Eimer & Amend.....	Apparatus and supplies.....	164 89
7094	..do..	The Burr Co.....	Materials.....	78 82
7095	..do..	Percival & Moorehead.....	Hardware.....	23 63
7096	..do..	Knowlton and Bennett.....	Supplies.....	32 65
7097	..do..	General Electric Co.....	Electrical supplies.....	326 82
7098	..do..	Flanigan-Pearson Co.....	Books.....	29 25
7099	..do..	Frison Carriage Shop.....	Labor and material.....	12 90
7100	..do..	John H. Doyle.....	Hardware, etc.....	48 84
7101	..do..	J. W. Butler Paper Co.....	Stationery.....	16 15
7102	..do..	Fairbanks-Morse & Co.....	Cart and scale.....	51 50
7103	..do..	S. E. Huff & Co.....	Lumber.....	140 85
7104	..do..	Library Bureau.....	Furniture and supplies.....	203 85
7105	..do..	Illinois Press Clipping Bureau.....	Services.....	8 88
7106	..do..	Bennetts Newspaper & Magazine Agency.....	Books.....	4 60
7107	..do..	Bausch & Lomb Optical Co.....	Supplies.....	23 87
7108	..do..	G. & W. Electric Co.....	..do.....	11 20
7109	..do..	Chas. A. Hall Hardware Co.....	Hardware, etc.....	14 75
7110	..do..	Illinois State Reformatory.....	Printing.....	580 05
7111	..do..	Central Electric Co.....	Electric supplies.....	175 87
7112	..do..	D. H. Loyde.....	Supplies.....	166 57
7113	Nov. 14	The University Club of U. & C.....	Entertaining guests.....	40 00
7114	..do..	St. Louis Biological Laboratory.....	Slides.....	28 05
7115	..do..	The Geo. J. Roberts Co.....	Packing.....	1 91
7116	..do..	The New Era Printing Co.....	Printing.....	6 00
7117	..do..	Rumford Printing Co.....	..do.....	1 99
7118	..do..	Montgomery Ward & Co.....	Desks.....	27 80
7119	..do..	Stone & Forsyth.....	Paper.....	62 50
7120	..do..	The H. W. Wilson Co.....	Book.....	2 50
7121	..do..	The Students Store.....	Milk and eggs.....	1 70
7122	..do..	Walker & Mulliken.....	Desk.....	54 00
7123	..do..	E. H. Swigert.....	Piano tuning.....	25 50
7124	..do..	The Taylor Hardware Co.....	Hardware.....	35 34
7125	..do..	H. C. Horton.....	Hauling.....	9 00
7126	..do..	R. C. Wagner & Son.....	Coal.....	8 75
7127	..do..	Wilhelm Miller.....	Salary, October, 1912.....	37 04
7128	..do..	Jacob White.....	Services.....	8 50
7129	..do..	H. F. Stinespring.....	Meal.....	156 00
7130	..do..	Root Dairy Supply Co.....	Repairs.....	1 40
7131	..do..	Percheron Society of America.....	Fees.....	6 00
7132	..do..	Reporter Publishing Co.....	Subscription.....	4 00
7133	..do..	20th Century Press Clipping Bureau.....	Clippings.....	2 50
7134	..do..	Paisley & Shively.....	Hay.....	17 35
7135	..do..	A. T. Thompson & Co.....	Slides.....	13 85
7136	..do..	The National Nurseryman Publishing Co.....	Subscription.....	1 80
7137	..do..	Percival & Moorehead.....	Hardware.....	4 13
7138	..do..	Southern Illinois Penitentiary.....	Dust.....	40 00
7139	..do..	E. Davenport.....	Expenses.....	37 06
7140	..do..	N. H. Shields.....	Payment on contract.....	4,877 27
7141	..do..	Roessler & Hasslacher Chemical Co.....	Acetone.....	14 50
7142	..do..	English Brothers.....	Labor.....	29 64
7143	..do..	L. A. Spies.....	Expenses.....	10 65
7144	..do..	H. A. Harding.....	..do.....	5 42
7145	..do..	H. A. Reuhe.....	..do.....	8 38
7146	..do..	E. G. Misner.....	Wages, September, 1912.....	40 00
7147	..do..	D. S. Fox.....	..do.....	40 00
7148	..do..	H. F. Rhodes.....	..do.....	40 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount
1912.				
7149	Nov. 14	Weil Brothers.	Apparatus.	\$ 186 52
7150	do.	Westerlin & Campbell Co.	Fittings and rubbers.	5 47
7151	do.	Joseph T. Ryerson & Son.	Beams.	5 19
7152	do.	A. J. Gunderson.	Expenses.	26 97
7153	do.	W. A. Ruth.	do.	83 17
7154	do.	J. C. Thomas.	Hardware.	228 20
7155	do.	National Mosiac Tile Co.	Tile floor.	15 64
7156	do.	Rand, McNally & Co.	Books.	50 00
7157	do.	National Live Stock Records.	do.	7 00
7158	do.	Walrus Mfg. Co.	Instrument case.	44 00
7159	do.	Oliver Mfg. Co.	Knives.	1 87
7160	do.	G. E. Miller.	Expenses.	57 00
7161	do.	D. M. White.	do.	20 67
7162	do.	E. E. Hoskins.	Expenses.	256 53
7163	do.	The New York Blower Co.	Regulator apparatus.	112 50
7164	do.	H. Swannell & Son.	Supplies.	14 20
7165	do.	Sheldon Brick & Building Supply Co.	Brick.	94 50
7166	do.	Twin City Printing Co.	Book and stamps.	3 60
7167	do.	Franklyn R. Muller & Co.	Flooring.	484 12
7168	do.	G. W. Sheldon & Co.	Freight, etc.	90 64
7169	do.	B. A. Strauch.	Photo work.	13 62
7170	do.	Oldham Brothers.	Drugs, supplies, etc.	19 20
7171	do.	Western Carbon & Ribbon Co.	Coupon book.	6 68
7172	do.	L. C. Smith & Bros. Typewriter Co.	Machine and rentals.	102 50
7173	do.	Metzler & Schafer Co.	Groceries.	4 40
7174	do.	Hunter, Rourke & Co.	Lumber.	269 09
7175	do.	E. H. Sargent & Co.	Laboratory supplies.	858 76
7176	do.	Reliable Plumbing & Heating Co.	Materials.	137 86
7177	do.	F. K. Robeson.	Dry goods.	121 02
7178	do.	Mittendorf & Kiler.	Furniture, etc.	145 75
7179	do.	Martin Metz.	Repairs.	4 50
7180	do.	Twin City Roofing & Sheet Metal Works.	Metal supplies.	29 88
7181	do.	G. E. Stechert & Co.	Books.	391 57
7182	do.	Saffell Co.	Hardware.	49 36
7183	do.	Standard Oil Co.	Oil.	39 68
7184	do.	The U. of I. Supply Store.	Stationery, etc.	138 12
7185	Nov. 16	English Brothers.	Payment on contract.	10,902 78
7186	do.	The Library of Congress.	Cards.	2 00
7187	do.	G. W. Beardsley.	Expenses.	11 35
7188	do.	Horatio N. Parker.	do.	36 24
7189	do.	F. P. Collyer.	do.	18 44
7190	do.	F. A. Pearson.	do.	40 94
7191	do.	John Balcom.	do.	9 17
7192	do.	White Hall Sewer Pipe & Stoneware Co.	Silo.	219 00
7193	do.	T. D. Yensen.	Expenses.	4 20
7194	do.	O. S. Watkins.	do.	24 87
7195	do.	H. F. Ferguson.	do.	13 08
7196	do.	Fred L. Hatch.	do.	41 90
7197	do.	H. A. Hollister.	do.	14 74
7198	Nov. 18	E. R. Ludwig.	Second allowance.	200 00
7199	do.	Mrs. J. M. Smith.	Eggs.	4 80
7200	do.	Mamie Bunch.	Wages, October, 1912.	45 00
7201	do.	E. M. Goad.	Corn.	32 40
7202	do.	The Metropolitan Museum of Art.	Book.	1 06
7203	do.	Electric Coal Co.	Coal.	1,160 69
7204	do.	Geo. L. Koch.	Alfalfa hay.	170 28
7205	do.	Library of Congress.	Deposit.	75 00
7206	do.	N. Vaughan.	Ducks.	10 00
7207	do.	Dryer & Burt.	Corn.	263 93
7208	do.	L. T. Brownfield.	Implements.	181 25
7209	do.	Cornelius Stocker.	Expenses.	6 05
7210	do.	Garrett Bros.	do.	5 94
7211	do.	C. E. Smith.	Labor.	39 60
7212	do.	J. C. Miller.	Horse hire.	31 00
7213	do.	Los Angeles Municipal News.	Papers and postage.	1 50
7214	do.	A. L. Moats.	Expenses.	36 19
7215	do.	J. F. Umpleby.	Materials.	147 10
7216	do.	R. N. Smith.	Oils, etc.	23 55
7217	do.	Henry Lesch & Co.	Labor.	240 00
7218	do.	A. Hoen & Co.	Printing.	1,387 00
7219	Nov. 19	G. L. Koch.	Hay.	113 00
7220	do.	D. M. Sims.	Hauling.	10 00
7221	do.	Wm. Foor.	Cow.	70 00
7222	do.	Vaughan's Seed Store.	Seeds.	43 30
7223	do.	Frank Gerdes.	Bailing hay and straw.	100 00
7224	Nov. 20	S. Lee.	Milk.	5 92
7225	do.	A. G. Krukewitt.	do.	5 20
7226	do.	J. B. Marsh.	do.	6 15
7227	do.	H. Cherry.	do.	3 94

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
7228	Nov. 20	Z. C. Keene.....	Milk.....	\$ 4 03
7229	do.	R. Graham.....	do.....	6 12
7230	do.	S. Atchison.....	do.....	5 20
7231	do.	J. M. Stickrod.....	do.....	15 12
7232	do.	P. P. Dunn.....	do.....	8 25
7233	do.	E. W. Smalley.....	do.....	12 75
7234	do.	J. H. Schwengel.....	do.....	16 08
7235	do.	Jas. Freeman.....	do.....	3 47
7236	do.	G. Taylor.....	do.....	6 76
7237	do.	O. A. McInnes.....	do.....	5 20
7238	do.	John Weiss.....	do.....	19 46
7239	do.	C. Allen.....	do.....	8 21
7240	do.	T. A. McCracken.....	do.....	7 55
7241	do.	W. E. Leigh.....	do.....	1 56
7242	do.	Wm. Case.....	do.....	12 85
7243	do.	I. H. Gordon.....	do.....	10 10
7244	do.	W. E. Yount.....	do.....	11 86
7245	do.	W. H. Gray.....	do.....	4 76
7246	do.	E. F. Lyons.....	do.....	7 61
7247	do.	A. G. Guard.....	do.....	2 41
7248	do.	J. B. Salliday.....	do.....	2 80
7249	do.	M. Leigh.....	do.....	9 36
7250	do.	J. M. Herriott.....	do.....	11 39
7251	do.	M. Hudson.....	do.....	11 30
7252	do.	T. P. Lyons.....	do.....	13 03
7253	do.	J. B. Henderson.....	do.....	2 39
7254	do.	C. C. Gordon.....	do.....	12 98
7255	do.	G. M. Seeber.....	do.....	6 62
7256	do.	H. I. Nelson.....	do.....	8 60
7257	do.	A. H. Grindley.....	do.....	1 24
7258	do.	J. H. Umbanhowar.....	do.....	16 64
7259	do.	J. W. Anderson.....	do.....	2 05
7260	do.	D. W. Shiveley.....	do.....	13 12
7261	do.	W. W. Meyers.....	do.....	9 45
7262	do.	G. F. Diefenbach.....	do.....	5 69
7263	do.	C. A. Fogel.....	do.....	13 40
7264	do.	W. C. Welch.....	do.....	10 62
7265	do.	W. D. Rohl.....	do.....	4 49
7266	do.	E. R. Canady.....	do.....	14 99
7267	do.	John McCullough.....	do.....	25 69
7268	do.	David Wilkins.....	do.....	7 69
7269	do.	George Herriott.....	do.....	12 95
7270	do.	H. J. Moorehouse.....	do.....	19 19
7271	do.	T. M. Ghere.....	do.....	5 03
7272	do.	W. F. Hampton.....	do.....	7 01
7273	do.	I. H. Besore.....	do.....	5 33
7274	do.	W. H. Frame.....	do.....	9 02
7275	do.	W. J. Wilson.....	do.....	12 41
7276	do.	Mrs. I. Ellrod.....	do.....	12 36
7277	do.	F. W. Howell.....	do.....	9 84
7278	do.	D. S. Herriott.....	do.....	11 19
7279	do.	John Godsell.....	do.....	2 10
7280	do.	Pearl Hazen.....	do.....	11 42
7281	do.	R. S. McInnes.....	do.....	8 64
7282	do.	S. Guinn.....	do.....	6 66
7283	do.	F. H. Busey.....	do.....	14 53
7284	do.	W. Davis.....	do.....	6 83
7285	do.	L. F. Lindsey.....	do.....	7 29
7286	do.	G. W. Van Meter.....	do.....	26 93
7287	do.	Frank Knox.....	do.....	13 45
7288	do.	J. E. Haney.....	do.....	10 56
7289	do.	J. M. Smith.....	do.....	9 07
7290	do.	Cora Stacker.....	do.....	12 22
7291	do.	J. C. Anderson.....	do.....	4 15
7292	do.	J. F. Hoy.....	do.....	4 90
7293	do.	C. J. Gillespie.....	do.....	13 24
7294	do.	B. Jordan.....	do.....	9 47
7295	do.	D. A. Silver.....	do.....	4 22
7296	do.	L. P. Rayburn.....	do.....	5 69
7297	do.	H. Buhs.....	do.....	4 96
7298	do.	E. Grove.....	do.....	10 42
7299	do.	Len Rayburn.....	do.....	7 16
7300	do.	H. C. Kaufman.....	do.....	4 64
7301	do.	George Schiff.....	do.....	9 39
7302	do.	C. Ross.....	do.....	9 45
7303	do.	Lou Creiger.....	do.....	5 64
7304	do.	N. Hahn.....	do.....	13 85
7305	do.	H. Wascher.....	do.....	17 39
7306	do.	S. Herriott.....	do.....	3 07



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
7307	Nov. 20	R. T. Lumsden.....	Milk.....	\$ 1 96
7308	..do..	T. F. Jordan.....	..do..	25 54
7309	..do..	Augusta D. Evans.....	Expenses.....	12 53
7310	..do..	H. A. Winter.....	..do..	44 98
7311	..do..	H. G. Russell.....	Expenses and services.....	12 90
7312	..do..	J. P. Stout.....	..do..	25 00
7313	..do..	A. W. Stoolman.....	Payment on contract.....	21, 140 00
7314	..do..	J. L. Edmonds.....	Expenses.....	34 67
7315	..do..	Paul Hansen.....	..do..	20 35
7316	Nov. 21	O. E. Staples, Chief Clerk.....	Freight.....	167 02
7317	..do..	O. E. Staples, Chief Clerk.....	Express.....	67 79
7318	..do..	O. E. Staples, Chief Clerk.....	Sundry bills.....	72 29
7319	..do..	O. E. Staples, Chief Clerk.....	Students' payroll.....	275 98
7320	Nov. 22	Himebaugh & Brown.....	Books.....	19 50
7321	..do..	C. W. Malcolm.....	Expenses.....	17 59
7322	..do..	F. Q. Dufour.....	..do..	18 66
7323	..do..	A. B. McDaniel.....	..do..	17 66
7324	..do..	Otto Rahn.....	Supplies.....	2 20
7325	..do..	E. Davenport.....	Expenses.....	65 31
7326	..do..	Dallenbach Brothers.....	Meat.....	65 94
7327	..do..	The Milk Reporter.....	Subscription.....	1 00
7328	..do..	J. M. Lindgren.....	Analyses.....	75 00
7329	..do..	Flora Telephone Co.....	Service.....	15 05
7330	..do..	Ernst Legler.....	Books.....	10 25
7331	..do..	Otto Harrassowitz.....	..do..	21 66
7332	..do..	R. Freidlander & Son.....	..do..	25 58
7333	..do..	H. W. Mumford.....	Expenses.....	6 07
7334	..do..	W. F. Handschin.....	..do..	14 41
7335	..do..	F. W. Tanner.....	..do..	8 51
7336	..do..	O. E. Staples, Chief Clerk.....	Freight.....	334 93
7337	..do..	Olive F. Saxton.....	Rental.....	7 50
7338	..do..	The Taylor Hardware Co.....	Copper.....	178 08
7339	Nov. 23	W. H. Hand.....	Expenses.....	54 90
7340	..do..	John W. Moore.....	Rye, etc.....	3 60
7341	..do..	Egyptian Packing Co.....	Barrels and storage.....	185 25
7342	..do..	Emerson Electric Mfg. Co.....	Coil.....	1 07
7343	..do..	Electric Appliance Co.....	Electrical supplies.....	10 35
7344	..do..	Ottawa Silica Co.....	Sand.....	6 30
7345	..do..	Frank S. Betz Co., Inc.....	Plates.....	6 00
7346	..do..	Henry Heil Chemical Co.....	Thermometers.....	17 00
7347	..do..	Champaign Gas & Electric Supply Co.....	Carbons.....	4 00
7348	..do..	A. J. Nystrom & Co.....	Map.....	3 60
7349	..do..	Munhall Printing House.....	Printing.....	5 25
7350	..do..	L. C. Smith & Bros. Typewriter Co.....	Balance due.....	17 50
7351	..do..	Library Bureau.....	Cards, etc.....	46 00
7352	..do..	Swartz Electric Shop.....	Electrical supplies.....	25 80
7353	..do..	Harvard Apparatus Co.....	Laboratory supplies.....	98 70
7354	..do..	Flat Iron Store Co.....	Shades.....	18 10
7355	..do..	Kimble Glass Co.....	Glassware.....	26 20
7356	..do..	Bit & Spur.....	Subscription.....	4 00
7357	..do..	A. H. Barber Creamery Supply Co.....	Supplies.....	87 50
7358	..do..	The Breeder's Gazette.....	Subscription and cuts.....	16 10
7359	..do..	E. T. Benjamin.....	Shoes.....	8 50
7360	..do..	G. E. Amsbary.....	Bran.....	121 00
7361	..do..	Rural Manhood.....	Subscription.....	2 00
7362	..do..	R. F. Hildebrand.....	Photographs.....	13 50
7363	..do..	State Journal Co.....	Subscription.....	1 00
7364	..do..	Thurman Vacuum Cleaner Co.....	Labor and material.....	47 85
7365	..do..	The Torsion Balance Co.....	Scales.....	211 65
7366	..do..	The Standard Co.....	Subscription.....	1 00
7367	..do..	Drover's Telegram Co.....	..do..	5 00
7368	..do..	Louis Ely & Co.....	Painting.....	10 00
7369	..do..	The Science Press.....	Subscription.....	24 00
7370	..do..	L. F. Nafis.....	Apparatus.....	110 25
7371	..do..	The National Ammonia Co.....	Ammonia.....	26 26
7372	..do..	B. A. Strauch.....	Prints.....	29 84
7373	..do..	The Curtis Publishing Co.....	Subscription.....	3 00
7374	..do..	Eisner Grocery Co.....	Paper, etc.....	5 51
7375	..do..	Stipes & Hecker.....	Gravel.....	38 75
7376	..do..	The American Blackboard Co.....	Blackboard.....	9 20
7377	..do..	Rand McNally & Co.....	Maps.....	16 70
7378	..do..	J. C. Allen.....	Prints.....	4 50
7379	..do..	F. C. Hubbard.....	Sweet corn, etc.....	5 50
7380	..do..	American Veterinary Review.....	Subscription.....	5 50
7381	..do..	J. M. Kaufman & Co.....	Grip.....	10 00
7382	..do..	The Chicago Live Stock World.....	Papers.....	4 45
7383	..do..	Champaign Seed Co.....	Beef scraps, etc.....	19 75
7384	..do..	The Phelps Publishing Co.....	Subscription.....	1 00
7385	..do..	C. H. Hanson.....	Number plates.....	4 80

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
7386	Nov. 23	Harris & Mead.	Candies	\$ 6 60
7387	do.	Hektograph Mfg. & Dup. Co.	Duplicates	7 50
7388	do.	C. H. Hanson	Plates	1 75
7389	do.	C. J. Welch	Concrete work	41 55
7390	do.	Corbin Cabinet Lock Co.	Keys	10 60
7391	do.	National Engraving Co.	Half-tone	1 75
7392	do.	J. Bishop & Co. Platinum Works.	Electrodex	28 50
7393	do.	The Linde Air Products Co.	Oxygen	7 50
7394	do.	Elmer & Amend	Sulfate	2 15
7395	do.	S. E. Huff & Co.	Lumber	74 85
7396	do.	Hoskins Mfg. Co.	Repairs	4 05
7397	do.	Hiland Brothers	Lead and oil	16 00
7398	do.	C. E. Bonner Mfg. Co.	Wrench	6 48
7399	do.	Champaign & Urbana Water Co.	Water	66 31
7400	do.	Scott Valve Co.	Valves	12 54
7401	do.	Machinery	Books	2 40
7402	do.	American Drafting Machinery Co.	Table	25 05
7403	do.	Chas. Mollet	Labor and material	9 80
7404	do.	Freeman & Brooks	do.	22 27
7405	do.	Kinsey & Mahler Co.	Metal	4 76
7406	do.	J. G. Biddle	Electrical apparatus	229 60
7407	do.	Jahn & Ollier Engraving Co.	Half tone and diagram	11 40
7408	do.	Electric Coal Co.	Coal	54 40
7409	do.	The Foley Mfg. Co.	Sash	24 00
7410	do.	P. Adams	Unloading coal	11 20
7411	do.	J. B. Bennett	Sewer pipe, etc.	925 95
7412	do.	Geo. Banta Publishing Co.	Copies	40 94
7413	do.	Spring Brothers	Seed	12 40
7414	do.	Jolly-Wieland & Richardson Co.	Hardware	20 05
7415	do.	Anson Northrup	Prints	5 00
7416	do.	Rinehart Hardware Co.	Hardware	4 43
7417	do.	H. A. Aldrich & Co.	Lumber, etc.	13 65
7418	do.	H. Swannell & Son	Milk, etc.	9 60
7419	do.	American Radiator Co.	Flue	28 32
7420	do.	Little Brown & Co.	Book	4 80
7421	do.	The Chicago Legal News Co.	Blanks	7 98
7422	do.	Statute Law Book Co.	Books	13 78
7423	do.	T. H. Flood & Co.	do.	112 20
7424	do.	Callaghan & Co.	do.	44 00
7425	do.	The Carswell Co.	do.	21 00
7426	do.	Breitkopf & Hartel	Book	1 50
7427	do.	Bennett's Magazine Agency	do.	5 00
7428	do.	Ernst Hertzberg & Sons	Binding	603 70
7429	do.	J. S. Dunnigan, Clerk	Report	3 50
7430	do.	Joseph McDonough Co.	Book	2 50
7431	do.	Link Belt Co.	Carrier equipment	474 25
7432	do.	Kent Mill Co.	Screens	250 00
7433	do.	Taylor Engineering & Mfg. Co.	Classifiers	120 00
7434	do.	American Institute of Mining Engineers	Copies	11 50
7435	do.	J. B. Lippincott Co.	Book	4 50
7436	do.	Bryan-Marsh Electric Works	Supplies	54 75
7437	do.	Medart Patent Pulley Co.	Pulley	8 08
7438	do.	C. M. Samson	Directory	4 00
7439	do.	McKey & Poague, Agents	Rental	500 00
7440	do.	Bradner-Smith & Co.	Paper, etc.	11 40
7441	do.	The S. Obermayer Co.	Sea coal facing	3 68
7442	do.	Sheldon Brick & Building Supply Co.	Fire clay	12 90
7443	do.	E. P. Reichhelm & Co.	Tools	7 13
7444	do.	The Hill & Griffith Co.	Brush	3 25
7445	do.	The Hartsburg Grain, Coal & Lumber Co.	Lumber, etc.	531 95
7446	do.	H. P. Stinespring	Meal	47 00
7447	do.	Grant Carpenter	Livery	3 00
7448	do.	Chicago Fireproof Storage Warehouse	Storage	4 50
7449	do.	S. D. Childs & Co.	Covers	22 60
7450	do.	H. F. Chester	Services	50 83
7451	Nov. 25	John H. Doyle	Hardware	10 04
7452	do.	G. E. Stechert & Co.	Books	114 62
7453	do.	E. H. Sargent & Co.	Laboratory Supplies	334 56
7454	do.	The Saffell Co.	Hardware, etc.	104 54
7455	do.	Perceival & Moorehead	do.	19 15
7456	do.	The Burr Co.	do.	293 38
7457	do.	The Alexander Lumber Co.	Lumber, etc.	48 25
7458	do.	Julius Andrae & Sons Co.	Supplies	5 25
7459	do.	Hunter Rourke & Co.	Lumber, etc.	57 80
7460	do.	M. G. Kibbe	Hardware	2 88
7461	do.	Bausch & Lomb Optical Co.	Laboratory apparatus	81 57
7462	do.	H. W. Johns-Manville Co.	Supplies	7 02
7463	do.	G. W. Sheldon & Co.	Fees and charges	38 83
7464	do.	Chivers Book Binding Co.	Books	3 60

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
7465	Nov. 25	The Miller Harness Co.	Harness, etc.	\$ 18 70
7466	do.	Crane Co.	Valves, etc.	76 36
7467	do.	Illinois State Penitentiary.	Furniture.	60 00
7468	do.	Illinois State Penitentiary.	do.	245 50
7469	do.	F. K. Robenson.	Dry goods.	33 58
7470	do.	Twin City Printing Co.	Safe and supplies.	46 10
7471	do.	Knowlton & Bennett.	Glass and drugs.	27 00
7472	do.	The Chas. A. Hall Hardware Co.	Hardware.	8 25
7473	do.	James B. Clow & Sons.	Supplies.	351 95
7474	do.	Champaign Steam Laundry.	Laundry work.	32 50
7475	do.	T. J. Colvin.	Meat.	24 98
7476	do.	A. C. McClurg & Co.	Books.	53 45
7477	do.	Pyrene Co.	Extinguishers.	110 20
7478	do.	General Electric Co.	Electrical supplies.	553 24
7479	do.	A. Barr.	Sand.	21 00
7480	do.	Met ler & Schafer Co.	Groceries.	51 67
7481	do.	Mittendorf & Kiler.	Furniture.	348 05
7482	do.	Standard Oil Co.	Oils.	69 64
7483	do.	John H. Doyle.	Hardware.	20 47
7484	do.	Illinois State Reformatory.	Printing.	721 50
7485	do.	Zercher & Hurley.	Repairs.	6 00
7486	do.	Central Electric Co.	Electrical supplies.	88 82
7487	do.	Twin City Electric Co.	Awnings and supplies.	13 15
7488	do.	Twin City Roofing & Sheet Metal Works.	Roofing, etc.	12 95
7489	do.	Twin City Ice & Cold Storage Co.	Ice.	170 13
7490	do.	The Boston Book Co.	Books.	41 71
7491	do.	Underwood Typewriter Co., Inc.	Express, etc.	1 05
7492	do.	The Urbana Courier Co.	Printing.	26 49
7493	do.	C. J. Welch.	Concrete work.	70 00
7494	do.	Weston Electrical Instrument Co.	Supplies and repairs.	24 15
7495	do.	F. M. Leslie.	Frames and prints.	14 00
7496	do.	F. W. Woolworth & Co.	Tumblers.	7 60
7497	do.	R. C. Wagner & Son.	Labor.	4 50
7498	do.	C. H. Whall & Co.	Fibre.	16 91
7499	do.	C. W. Whithall.	Platen.	2 00
7500	do.	Vaughan's Seed Store.	Seeds.	7 50
7501	do.	C. A. Barnhart.	Expenses.	23 33
7502	do.	The Cedder Mfg. Co.	Repairs.	1 00
7503	do.	Warwick Publishing Co.	Wall chart.	5 00
7504	do.	The Whitaker Paper Co.	Paper.	16 00
7505	do.	Whitall Tatum Co.	Homeos.	1 00
7506	do.	Warson Faulkner.	Drugs, etc.	5 80
7507	do.	Fuller & Fuller Co.	Chemicals.	31 20
7508	do.	U. & C. Ry., Gas & Electric Co.	Gas.	61 20
7509	do.	The University of Chicago Press.	Subscription.	12 60
7510	do.	The Guide Publishing Co.	do.	1 50
7511	do.	Gaylord Bros.	Binder.	1 00
7512	do.	D. H. Lloyd.	Stationery, etc.	127 65
7513	do.	Doubleday-Page & Co.	Subscriptions.	4 65
7514	do.	Dennison Mfg. Co.	Tags.	3 15
7515	do.	Western Valve Co.	Valves.	3 72
7516	do.	Detroit Flower Pot Co.	Pots.	19 30
7517	do.	Goder-Heimann Co.	Plants.	22 50
7518	do.	The Denver Fire Clay Co.	Laboratory supplies.	3 60
7519	do.	Weil Brothers.	Lead.	2 91
7520	do.	Footo Pieraon & Co.	Repairs.	20 00
7521	do.	G. Broes Van Dort Co.	Books.	9 00
7522	do.	Gregory Electric Co.	Motor.	47 50
7523	do.	Marshall Field & Co.	Supplies.	18 52
7524	do.	Flora Lumber Co.	Lumber.	21 45
7525	do.	The Varsity Print Shop.	Printing.	8 00
7526	do.	Henry Green.	Apparatus.	7 20
7527	do.	The Garlock Packing Co.	Packing.	22 04
7528	do.	Green Engineering Co.	Machinery supplies.	355 00
7529	do.	R. E. Rhine.	Copying list.	2 00
7530	do.	Crucible Steel Co. of America.	Steel.	65 56
7531	do.	Albert Wuesteman.	Watch.	6 00
7532	do.	Western Automatic Machine Screw Co.	Screws.	2 92
7533	do.	Cunningham Brothers.	Camera supplies.	161 83
7534	do.	Woldenberg & Schaar.	Laboratory apparatus.	72 49
7535	do.	American Steam Gauge & Valve Mfg. Co.	Gauges, etc.	60 00
7536	do.	Jacob White.	Labor.	158 40
7537	do.	Flanigan-Pearson Co.	Printing, etc.	49 75
7538	do.	Green Street Pharmacy.	Drugs, etc.	4 15
7539	do.	W. Lewis & Co.	Dry goods.	21 09
7540	do.	W. W. Walls & Co.	Lumber, etc.	228 57
7541	do.	Western Carbon & Ribbon Co.	Typewriter supplies.	11 01
7542	do.	Walker & Mulliken.	Furniture.	274 05
7543	do.	Creamery Package Mfg. Co.	Dairy supplies.	13 05

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
7544	Nov. 25	G. C. Willis	Dry goods	\$ 37 16
7545	..do.	Reliable Plumbing & Heating Co.	Fittings, etc.	204 81
7546	..do.	The University of Illinois Supply Store.	Stationery, etc.	191 35
7547	..do.	D. H. Lloyd.	Supplies, etc.	134 79
7548	..do.	P. Adams	Hauling	82 16
7549	..do.	D. M. Sims	Grading and hauling	116 70
7550	..do.	T. J. Burrill	Monorarium	250 00
7551	Nov. 30	D. A. Abrams	Salary, November, 1912	133 33
7552	..do.	C. C. Adams	..do.	137 50
7553	..do.	R. M. Alden	..do.	333 33
7554	..do.	W. C. Allen	..do.	120 00
7555	..do.	C. H. Allen	..do.	30 00
7556	..do.	C. W. Alvord	..do.	145 83
7557	..do.	L. F. Anderson	..do.	208 33
7558	..do.	S. O. Andros	..do.	150 00
7559	..do.	June M. Ashley	..do.	30 00
7560	..do.	Ruth S. Atwell	..do.	60 00
7561	..do.	G. D. Bagley	Scholarship, November, 1912	25 00
7562	..do.	W. C. Bagley	Salary, November, 1912	291 66
7563	..do.	Margaret L. Bailey	Fellowship, November, 1912	50 00
7564	..do.	W. H. Bair	Salary, November, 1912	50 00
7575	..do.	I. O. Baker	..do.	333 33
7566	..do.	R. E. Baker	..do.	30 00
7567	..do.	E. C. Baldwin	..do.	150 00
7568	..do.	C. W. Balke	..do.	183 33
7569	..do.	Bronsa Barlow	..do.	50 00
7570	..do.	Panzu Barger	..do.	30 00
7571	..do.	J. T. Barrett	..do.	58 33
7572	..do.	H. H. Bartells	..do.	50 00
7573	..do.	P. S. Barto	..do.	100 00
7574	..do.	H. J. Barton	..do.	250 00
7575	..do.	Edward Bartow	..do.	291 66
7576	..do.	S. J. Bates	..do.	100 00
7577	..do.	P. J. Batkin	..do.	40 00
7578	..do.	W. S. Bayley	..do.	187 50
7579	..do.	G. D. Beal	..do.	120 00
7580	..do.	J. H. Beard	..do.	120 00
7581	..do.	J. B. Beck	..do.	166 66
7582	..do.	J. E. Bell	..do.	60 00
7583	..do.	B. W. Benedict	..do.	291 66
7584	..do.	Madison Bentley	..do.	250 00
7585	..do.	E. J. Berg	..do.	333 33
7586	..do.	Daisy L. Blaisdell	..do.	100 00
7587	..do.	D. S. Blondheim	..do.	116 66
7588	..do.	Leonard Bloomfield	..do.	120 00
7589	..do.	B. H. Bode	..do.	250 00
7590	..do.	E. L. Bogart	..do.	250 00
7591	..do.	G. P. Boomsliter	..do.	130 00
7592	..do.	Ethel Bond	..do.	83 33
7593	..do.	R. L. Borger	..do.	125 00
7594	..do.	C. V. Boyer	..do.	120 00
7595	..do.	R. O. Brigham	..do.	60 00
7596	..do.	Alice D. Brooks	..do.	30 00
7597	..do.	Morgan Brooks	..do.	250 00
7598	..do.	N. C. Brooks	..do.	200 00
7599	..do.	Verna Brooks	..do.	80 00
7600	..do.	Elizabeth P. Brush	..do.	80 00
7601	..do.	J. M. Bryant	..do.	183 33
7602	..do.	W. A. Buchen	..do.	110 00
7603	..do.	A. M. Buck	..do.	150 00
7604	..do.	S. J. Buck	..do.	116 66
7605	..do.	W. E. Burge	..do.	166 66
7606	..do.	L. V. Burton	..do.	30 00
7607	..do.	A. S. Buyers	..do.	120 00
7608	..do.	H. V. Canter	..do.	166 66
7609	..do.	A. P. Carman	..do.	333 33
7610	..do.	D. H. Carnahan	..do.	208 33
7611	..do.	F. W. Carpenter	..do.	166 66
7612	..do.	G. E. Carscallen	..do.	75 00
7613	..do.	Roy Carter	..do.	100 00
7614	..do.	E. W. Chittenden	..do.	120 00
7615	..do.	A. H. Clark	..do.	150 00
7616	..do.	C. R. Clark	..do.	166 66
7617	..do.	K. A. Clark	..do.	30 00
7618	..do.	T. A. Clark	..do.	416 66
7619	..do.	L. D. Coffman	..do.	250 00
7620	..do.	Alexander Cohn	..do.	10 00
7621	..do.	A. C. Cole	..do.	130 00
7622	..do.	Vida L. Collins	..do.	90 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
7623	Nov. 30	H. W. Colson	Salary, November, 1912	\$100 00
7624	..do....	A. F. Comstock	..do....	180 00
7625	..do....	H. P. Corson	..do....	100 00
7626	..do....	F. K. Cowley	..do....	120 00
7627	..do....	Jennie A. Craig	..do....	75 00
7628	..do....	A. R. Crathorne	..do....	141 66
7629	..do....	H. L. Creek	..do....	120 00
7630	..do....	B. H. Crowder	..do....	15 00
7631	..do....	W. E. Cummins	..do....	15 00
7632	..do....	Florence R. Curtis	..do....	110 00
7633	..do....	A. H. Daniels	..do....	300 00
7634	..do....	Juanita E. Darrah	..do....	10 00
7635	..do....	R. E. Davis	..do....	100 00
7636	..do....	B. S. Davisson	..do....	50 00
7637	..do....	W. B. Day	..do....	208 33
7638	..do....	E. H. Decker	..do....	250 00
7639	..do....	J. A. Dent	..do....	150 00
7640	..do....	W. W. Denton	..do....	120 00
7641	..do....	C. G. Derick	..do....	141 66
7642	..do....	E. R. Dewsnup	..do....	250 00
7643	..do....	J. K. Ditchy	..do....	80 00
7644	..do....	W. F. Dodd	..do....	166 66
7645	..do....	D. K. Dodge	..do....	250 00
7646	..do....	G. W. Dowrie	..do....	90 00
7647	..do....	F. K. W. Drury	..do....	166 66
7648	..do....	F. O. Dufour	..do....	166 66
7649	..do....	J. C. Duncan	..do....	229 16
7650	..do....	J. M. Duncan	..do....	90 00
7651	..do....	R. S. Dunham	..do....	10 00
7652	..do....	Fannie Dunlap	..do....	55 00
7653	..do....	H. H. Dunn	..do....	91 66
7654	..do....	R. A. Dutcher	..do....	60 00
7655	..do....	H. S. Eames	..do....	130 00
7656	..do....	W. C. Eals	Fellowship, November, 1912	50 00
7657	..do....	B. L. Ficher	Salary, November, 1912	100 00
7658	..do....	W. E. Ekblaw	..do....	60 00
7659	..do....	Frederick Ellis	..do....	150 00
7660	..do....	Arnold Emch	..do....	166 66
7661	..do....	M. L. Enger	..do....	166 66
7662	..do....	E. W. Engle	..do....	30 00
7663	..do....	N. E. Ensign	..do....	120 00
7664	..do....	John A. Fairlee	..do....	250 00
7665	..do....	Bernard Fantus	..do....	50 00
7666	..do....	R. N. Fargo	..do....	50 00
7667	..do....	S. P. Farwell	..do....	140 00
7668	..do....	E. C. Faust	..do....	60 00
7669	..do....	Mary E. Fawcett	..do....	166 66
7670	..do....	Winifred Fehrenkamp	..do....	70 00
7671	..do....	Emma Felsenthal	..do....	75 00
7672	..do....	H. F. Ferguson	..do....	60 00
7673	..do....	E. E. Fiero	..do....	45 00
7674	..do....	E. J. Filbey	..do....	166 66
7675	..do....	I. W. Fisk	..do....	120 00
7676	..do....	J. D. Fitz Gerald II	..do....	208 33
7677	..do....	E. B. Flanigan	..do....	80 00
7678	..do....	F. L. Fleener	..do....	40 00
7679	..do....	V. R. Fleming	..do....	12 50
7680	..do....	C. H. Fletcher	..do....	15 00
7681	..do....	G. T. Flom	..do....	208 33
7682	..do....	J. W. Folsom	..do....	166 66
7683	..do....	S. A. Forbes	..do....	41 66
7684	..do....	G. G. Ford	..do....	250 00
7685	..do....	J. A. Frisk	..do....	91 66
7686	..do....	Edward Fulton	..do....	175 00
7687	..do....	J. W. Garner	..do....	250 00
7688	..do....	N. B. Garver	..do....	150 00
7689	..do....	E. N. Gathercoal	..do....	100 00
7690	..do....	H. L. Gill	..do....	200 00
7691	..do....	C. E. Gillett	..do....	30 00
7692	..do....	Hugh Glasgow	..do....	60 00
7693	..do....	E. A. Glenz	..do....	10 00
7694	..do....	H. F. Godeke	..do....	120 00
7695	..do....	Julius Goebel	..do....	270 83
7696	..do....	H. F. Gonnerman	..do....	120 00
7697	..do....	G. A. Goodenough	..do....	250 00
7698	..do....	F. M. Goodman	..do....	100 00
7699	..do....	T. G. Goodwin	..do....	90 00
7700	..do....	W. F. M. Goss	..do....	500 00
7701	..do....	P. S. Goulding	..do....	133 33

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
7702	Nov. 30	Bessie R. Green.....	Salary, November, 1912.....	\$ 60 00
7703	..do..	Frederick Green.....	..do..	291 66
7704	..do..	E. B. Greene.....	..do..	187 50
7705	..do..	T. M. Guild.....	..do..	125 00
7706	..do..	J. E. Gutberlet.....	..do..	60 00
7707	..do..	Alta Gwinn.....	..do..	80 00
7708	..do..	G. C. Habermeyer.....	..do..	141 66
7709	..do..	H. F. Hadley.....	Fellowship, November, 1912.....	50 00
7710	..do..	Stella M. Hague.....	Salary, November, 1912.....	80 00
7711	..do..	H. G. Hake.....	..do..	120 00
7712	..do..	W. G. Hale.....	..do..	250 00
7713	..do..	R. G. Hall.....	..do..	30 00
7714	..do..	L. G. Hana.....	..do..	170 00
7715	..do..	Paul Hansen.....	..do..	250 00
7716	..do..	Sada Harbarger.....	..do..	90 00
7717	..do..	A. A. Harding.....	..do..	150 00
7718	..do..	O. A. Harker.....	..do..	333 33
7719	..do..	E. C. Hayes.....	..do..	233 33
7720	..do..	C. M. Hebbert.....	..do..	60 00
7721	..do..	G. W. Heitkamp.....	..do..	40 00
7722	..do..	F. E. Held.....	..do..	50 00
7723	..do..	W. S. Hendrix.....	..do..	85 00
7724	..do..	Margaret Herdman.....	..do..	75 00
7725	..do..	R. W. Hess.....	..do..	30 00
7726	..do..	C. K. Hewes.....	..do..	50 00
7727	..do..	F. E. Hill.....	..do..	40 00
7728	..do..	Ralph Hilscher.....	..do..	100 00
7729	..do..	M. E. Hinds.....	..do..	60 00
7730	..do..	Wilhelm Hirschkind.....	..do..	80 00
7731	..do..	Jacob Hodnefield.....	..do..	100 00
7732	..do..	M. A. Hollinshead.....	..do..	40 00
7733	..do..	H. A. Hollister.....	..do..	229 16
7734	..do..	E. E. Hollman.....	..do..	60 00
7735	..do..	B. R. Honovski.....	..do..	60 00
7736	..do..	B. S. Hopkins.....	..do..	120 00
7737	..do..	J. W. Hornbeak.....	..do..	100 00
7738	..do..	C. F. Hottes.....	..do..	208 33
7739	..do..	H. A. Houston.....	Fellowship, November, 1912.....	50 00
7740	..do..	J. E. Huber.....	Scholarship, November, 1912.....	25 00
7741	..do..	M. L. Husnink.....	Salary, November, 1912.....	50 00
7742	..do..	G. A. Huff.....	..do..	250 00
7743	..do..	R. K. Hursh.....	..do..	100 00
7744	..do..	Margaret Hutchins.....	..do..	75 00
7745	..do..	Edmund J. James.....	..do..	1,000 00
7746	..do..	L. V. James.....	..do..	130 00
7747	..do..	C. E. Janvrin.....	..do..	37 50
7748	..do..	McElroy Johnston.....	..do..	170 00
7749	..do..	H. S. V. Jones.....	..do..	150 00
7750	..do..	Isabel Jones.....	..do..	110 00
7751	..do..	L. T. Jones.....	..do..	85 00
7752	..do..	Ralph Jones.....	..do..	90 00
7753	..do..	R. C. Jones.....	..do..	160 00
7754	..do..	R. T. Jones.....	..do..	140 00
7755	..do..	H. H. Jordan.....	..do..	100 00
7756	..do..	J. C. Jordan.....	..do..	100 00
7757	..do..	Emma R. Jutton.....	..do..	100 00
7758	..do..	J. B. Kaiser.....	..do..	100 00
7759	..do..	Oliver Kamm.....	..do..	60 00
7760	..do..	Eleanor G. Karsten.....	..do..	100 00
7761	..do..	C. F. Kelley.....	..do..	130 00
7762	..do..	J. M. Kellog.....	..do..	140 00
7763	..do..	Ruth Kelso.....	..do..	80 00
7764	..do..	Ernst Kessler.....	..do..	60 00
7765	..do..	A. J. Kempner.....	..do..	130 00
7766	..do..	R. E. Kennedy.....	..do..	110 00
7767	..do..	V. A. Ketcham.....	..do..	150 00
7768	..do..	Arthur Kiernan.....	..do..	60 00
7769	..do..	A. H. Kimball.....	..do..	140 00
7770	..do..	S. F. Kimball.....	..do..	120 00
7771	..do..	Margaret L. Kingsburg.....	..do..	75 00
7772	..do..	David Kinley.....	..do..	500 00
7773	..do..	Florence M. Kirkup.....	..do..	100 00
7774	..do..	C. T. Knipp.....	..do..	208 33
7775	..do..	A. H. Koller.....	..do..	100 00
7776	..do..	A. P. Kratz.....	..do..	100 00
7777	..do..	E. V. Kratz.....	Scholarship, November, 1912.....	25 00
7778	..do..	A. C. Krey.....	Salary, November, 1912.....	140 00
7779	..do..	Jakbo Kunz.....	..do..	208 33
7780	..do..	Martha J. Kyle.....	..do..	120 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
7781	Nov. 30, 1912.	E. J. Lake.	Salary, November, 1912.	\$150 00
7782	do.	Marion C. Landee.	do.	90 00
7783	do.	W. F. Langelier.	do.	100 00
7784	do.	E. T. Lanharn.	do.	105 00
7785	do.	L. M. Larson.	do.	216 66
7786	do.	H. H. Leuter.	do.	150 00
7787	do.	T. E. Laying.	do.	30 00
7788	do.	Eugene Leslie.	do.	10 00
7789	do.	O. E. Lessing.	do.	233 33
7790	do.	O. A. Leutwiller.	do.	200 00
7791	do.	I. H. Lillehel.	do.	90 00
7792	do.	F. C. Lincoln.	do.	166 66
7793	do.	R. H. Linkins.	do.	30 00
7794	do.	C. M. Linsley.	do.	30 00
7795	do.	Simon Litman.	do.	21 66
7796	do.	F. C. Loring.	do.	183 33
7797	do.	C. A. Ludwig.	do.	120 00
7798	do.	H. T. Lundquist.	do.	30 00
7799	do.	E. B. Lytle.	do.	50 00
7800	do.	Ellen S. McCarthy.	do.	133 33
7801	do.	Lola D. McCobb.	do.	120 00
7802	do.	A. B. McDaniel.	do.	90 00
7803	do.	Rudolph McDermet.	Fellowship, November, 1912.	208 33
7804	do.	D. F. McFarland.	Salary, November, 1912.	50 00
7805	do.	C. G. McArthur.	do.	150 00
7806	do.	Wallace MacFarlane.	Fellowship, November, 1912.	30 00
7807	do.	A. D. MacGillivray.	Salary, November, 1912.	208 33
7808	do.	D. A. MacInnis.	do.	120 00
7809	do.	C. W. Malcolm.	do.	150 00
7810	do.	C. A. Maney.	Fellowship, November, 1912.	50 00
7811	do.	E. J. Manley.	Salary, November, 1912.	77 77
7812	do.	F. M. Mann.	do.	333 33
7813	do.	F. W. Marquis.	do.	150 00
7814	do.	O. R. Martin.	do.	110 00
7815	do.	M. S. Mason.	Fellowship, November, 1912.	50 00
7816	do.	J. M. Mathews.	Salary, November, 1912.	133 33
7817	do.	G. H. Meyer.	do.	208 33
7818	do.	E. B. Millard.	do.	60 00
7819	do.	F. H. Millard.	do.	110 00
7820	do.	G. A. Miller.	do.	150 00
7821	do.	H. W. Miller.	do.	35 00
7822	do.	R. N. Miller.	do.	125 00
7823	do.	W. S. Miller.	do.	208 33
7824	do.	C. H. Mills.	do.	130 00
7825	do.	Brainerd Mitchell, Jr.	do.	8 00
7826	do.	Margaret Mitchell.	do.	60 00
7827	do.	F. W. Mohlman.	do.	20 00
7828	do.	N. C. Moore.	do.	208 33
7829	do.	H. F. Moore.	do.	20 00
7830	do.	O. H. Moore.	do.	110 00
7831	do.	Ruby Moore.	do.	120 00
7832	do.	E. W. Morphy.	do.	20 00
7833	do.	B. C. Morse.	do.	120 00
7834	do.	W. E. Mosher.	do.	48 00
7835	do.	C. M. Moss.	Fellowship, November, 1912.	50 00
7836	do.	Gertrude Moulton.	Salary, November, 1912.	250 00
7837	do.	C. F. Nelson.	do.	116 66
7838	do.	W. S. Nelson.	do.	100 00
7839	do.	Allan Nevins.	do.	30 00
7840	do.	C. E. Newell.	do.	85 00
7841	do.	C. E. Noerenberg.	do.	80 00
7842	do.	W. A. Noyes.	do.	140 00
7843	do.	Catherine Oaks.	do.	333 33
7844	do.	W. A. Oldfather.	do.	75 00
7845	do.	H. L. Olin.	do.	229 16
7846	do.	T. E. Oliver.	do.	50 00
7847	do.	A. W. Owens.	do.	208 33
7848	do.	E. B. Paine.	do.	30 00
7849	do.	L. G. Panter.	do.	208 33
7850	do.	Rosalie M. Parr.	do.	120 00
7851	do.	S. W. Parr.	do.	291 66
7852	do.	Adah Patton.	do.	83 33
7853	do.	H. G. Paul.	do.	166 66
7854	do.	A. S. Pease.	do.	208 33
7855	do.	J. C. Pendleton.	do.	85 00
7856	do.	Alvah Peterson.	do.	60 00
7857	do.	G. W. Pickels.	do.	130 00
7858	do.	J. N. Pomeroy.	do.	183 33
7859	do.	C. M. Poor.	do.	130 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
7860	Nov. 30	F. M. Porter.....	Salary, November, 1912.....	\$130 00
7861	do.	R. S. Rotter.....	do.	50 00
7862	do.	Anton Prasil.....	do.	10 00
7863	do.	A. L. Prickett.....	do.	43 33
7864	do.	D. C. Prince.....	Scholarship, November, 1912.....	25 00
7865	do.	G. H. Radenbaugh.....	Salary, November, 1912.....	90 00
7866	do.	Otto Rahn.....	do.	166 66
7867	do.	O. A. Randolph.....	do.	80 00
7868	do.	W. H. Rayner.....	do.	110 00
7869	do.	J. W. Read.....	do.	50 00
7870	do.	P. J. Rebman.....	do.	80 00
7871	do.	E. J. Reese.....	do.	150 00
7872	do.	F. W. Reed.....	do.	140 00
7873	do.	P. F. Reiff.....	do.	50 00
7874	do.	E. A. Rich.....	do.	40 00
7875	do.	J. L. Rich.....	do.	150 00
7876	do.	C. R. Richards.....	do.	333 33
7877	do.	N. C. Ricker.....	do.	291 66
7878	do.	N. L. Reitz.....	do.	150 00
7879	do.	W. S. Robertson.....	do.	166 66
7880	do.	M. H. Robinson.....	do.	250 00
7881	do.	C. W. Rolfe.....	do.	250 00
7882	do.	S. A. Rowland.....	do.	60 00
7883	do.	H. O. Rugg.....	do.	120 00
7884	do.	George Rutledge.....	do.	60 00
7885	do.	L. R. Sarrett.....	do.	80 00
7886	do.	T. E. Savage.....	do.	166 66
7887	do.	Olive F. Saxton.....	do.	83 33
7888	do.	S. H. Scherfee.....	do.	30 00
7889	do.	E. C. Schmidt.....	do.	291 66
7890	do.	H. F. Schneider.....	do.	30 00
7891	do.	Clarence Scholl.....	do.	10 00
7892	do.	W. S. Schultz.....	do.	166 66
7893	do.	G. F. Schwartz.....	do.	158 33
7894	do.	F. W. Scott.....	do.	133 33
7895	do.	D. L. Scroggin.....	do.	120 00
7896	do.	G. W. Sears.....	do.	60 00
7897	do.	F. B. Seeley.....	do.	140 00
7898	do.	R. S. Seese.....	Scholarship, November, 1912.....	25 00
7899	do.	N. C. Seidenberg.....	Salary, November, 1912.....	15 00
7900	do.	A. R. Seymour.....	do.	166 66
7901	do.	J. B. Shaw.....	do.	87 50
7902	do.	Queen L. Shepherd.....	do.	180 00
7903	do.	S. P. Sherman.....	do.	266 66
7904	do.	G. A. Shook.....	do.	100 00
7905	do.	C. W. Sievert.....	do.	10 00
7906	do.	S. L. Simmering.....	Fellowship, November, 1912.....	30 00
7907	do.	Frances Simpson.....	Salary, November, 1912.....	166 66
7908	do.	G. E. Simpson.....	do.	10 00
7909	do.	C. H. Sisam.....	do.	158 33
7910	do.	W. A. Slater.....	do.	125 00
7911	do.	Adelle C. Smith.....	do.	60 00
7912	do.	Constance B. Smith.....	do.	160 00
7913	do.	G. M. Smith.....	do.	133 33
7914	do.	Frank Smith.....	do.	208 33
7915	do.	J. E. Smith.....	do.	125 00
7916	do.	O. H. Smith.....	do.	95 00
7917	do.	J. M. Snodgrass.....	do.	175 00
7918	do.	C. M. Snow.....	do.	150 00
7919	do.	O. O. Stanley.....	do.	70 00
7920	do.	Joel Stebbins.....	do.	104 16
7921	do.	Sabra Stevens.....	do.	55 00
7922	do.	R. K. Steward.....	do.	130 00
7923	do.	C. L. Stewart.....	do.	50 00
7924	do.	H. H. Stook.....	do.	333 33
7925	do.	J. W. Stokes.....	Fellowship, November, 1912.....	50 00
7926	do.	E. B. Stouffer.....	Salary, November, 1912.....	130 00
7927	do.	Lillian Strong.....	do.	50 00
7928	do.	W. G. Stromquist.....	do.	100 00
7929	do.	R. T. Stull.....	do.	200 00
7930	do.	Horace Stunkard.....	do.	30 00
7931	do.	Emerson Sutcliff.....	do.	80 00
7932	do.	A. H. Sutherland.....	do.	150 00
7933	do.	A. N. Talbot.....	do.	333 33
7934	do.	F. W. Tanner.....	do.	60 00
7935	do.	S. C. Taylor.....	do.	25 00
7936	do.	W. H. Taylor.....	do.	60 00
7937	do.	H. R. Thomas.....	Fellowship, November, 1912.....	50 00
7938	do.	C. M. Thompson.....	Salary, November, 1912.....	90 00



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
7389	Nov. 30	D. G. Thompson.....	Salary, November, 1912.....	\$ 40 00
7390	do.	J. G. Thompson.....	do.	160 00
7391	do.	Lambert Throp.....	do.	100 00
7392	do.	A. J. Tiele.....	do.	100 00
7393	do.	A. J. Todd.....	do.	105 00
7394	do.	E. J. Townsend.....	do.	104 16
7395	do.	L. L. Townsend.....	do.	333 33
7396	do.	Edna A. Treat.....	do.	100 00
7397	do.	H. D. Valentine.....	do.	90 00
7398	do.	H. J. VanCleave.....	do.	10 00
7399	do.	H. J. Van den Berg.....	do.	60 00
7400	do.	H. J. Van Zoeren.....	do.	180 00
7401	do.	J. N. Vedder.....	do.	30 00
7402	do.	C. G. Vreier.....	do.	110 00
7403	do.	E. H. Waldo.....	do.	291 66
7404	do.	H. B. Ward.....	do.	166 66
7405	do.	E. H. Warner.....	do.	333 33
7406	do.	A. R. Warnock.....	do.	50 00
7407	do.	E. W. Washburn.....	do.	125 00
7408	do.	F. R. Watson.....	do.	183 33
7409	do.	H. C. P. Weber.....	do.	200 00
7410	do.	N. A. Wells.....	do.	150 00
7411	do.	N. A. Weston.....	do.	208 33
7412	do.	Mary M. Wetmore.....	do.	229 16
7413	do.	J. M. White.....	do.	125 00
7414	do.	J. N. Whitten.....	do.	333 33
7415	do.	E. A. Wildman.....	do.	333 33
7416	do.	C. C. Wiley.....	do.	60 00
7417	do.	C. A. Williams.....	do.	30 00
7418	do.	E. H. Williams.....	do.	150 00
7419	do.	Mary E. Williams.....	do.	125 00
7420	do.	F. G. Willson.....	do.	85 00
7421	do.	P. L. Windsor.....	do.	160 00
7422	do.	R. M. Winger.....	do.	250 00
7423	do.	W. J. Wohlenberg.....	Fellowship, November, 1912.....	120 00
7424	do.	P. S. Woodward.....	do.	50 00
7425	do.	L. M. Wornser.....	Salary, November, 1912.....	50 00
7426	do.	A. B. Wright.....	do.	153 33
7427	do.	Olof M. Wreth.....	do.	50 00
7428	do.	T. D. Yensen.....	do.	75 00
7429	do.	Jacob Zeitlin.....	do.	100 00
7430	do.	Charles Zeleny.....	do.	125 00
7431	do.	H. F. Zoller.....	do.	208 33
7432	do.	F. H. Adler.....	Fellowship, November, 1912.....	35 00
7433	do.	Josephine E. Burns.....	do.	35 00
7434	do.	Margaret V. Cobb.....	do.	35 00
7435	do.	Edna L. Farrey.....	do.	35 00
7436	do.	D. L. Geyer.....	do.	35 00
7437	do.	J. W. Good.....	do.	40 00
7438	do.	E. O. Hense.....	do.	30 00
7439	do.	E. A. T. Kiroher.....	do.	30 00
7440	do.	P. A. Lehenbauer.....	do.	30 00
7441	do.	N. H. McGregor.....	do.	30 00
7442	do.	L. C. Mathewson.....	do.	30 00
7443	do.	L. F. Nickell.....	do.	40 00
7444	do.	A. W. Orcutt.....	do.	35 00
7445	do.	A. F. Petne.....	do.	30 00
7446	do.	C. F. C. Riley.....	do.	39 00
7447	do.	Charles Rhaker.....	do.	35 00
7448	do.	Irna E. Volgt.....	do.	35 00
7449	do.	P. S. Welch.....	do.	30 00
7450	do.	G. Y. Williams.....	do.	35 00
7451	do.	Allice Blester.....	Scholarship, November, 1912.....	35 00
7452	do.	R. W. Brown.....	do.	25 00
7453	do.	D. M. Brumfiel.....	do.	25 00
7454	do.	F. E. Clark.....	do.	25 00
7455	do.	Jesse L. Conel.....	do.	25 00
7456	do.	S. H. Cox.....	do.	25 00
7457	do.	E. S. Dowell.....	do.	25 00
7458	do.	D. T. Engels.....	do.	25 00
7459	do.	Ola M. J. Eskelson.....	do.	25 00
7460	do.	S. E. Fangruber.....	do.	25 00
7461	do.	S. B. Fraoker.....	do.	25 00
7462	do.	B. F. Goodman.....	do.	25 00
7463	do.	Sappho C. Graham.....	do.	25 00
7464	do.	Ruby M. Grimes.....	do.	25 00
7465	do.	J. S. Gitsell.....	do.	25 00
7466	do.	Mary A. Haan.....	do.	25 00
7467	do.	Homer Hall.....	do.	25 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
8018	Nov. 30	A. C. Hanford.....	Scholarship, November, 1912.....	\$ 25 00
8019	..do..	William Hill.....	..do..	25 00
8020	..do..	C. E. Holley.....	..do..	25 00
8021	..do..	Nellie M. Horner.....	..do..	25 00
8022	..do..	J. W. Howard.....	..do..	25 00
8023	..do..	P. W. Ivey.....	..do..	25 00
8024	..do..	Gretchen Lutz.....	..do..	25 00
8025	..do..	Janet MacDonald.....	..do..	25 00
8026	..do..	J. E. Miller.....	..do..	25 00
8027	..do..	Edna Mosher.....	..do..	25 00
8028	..do..	J. B. Nathanson.....	..do..	25 00
8029	..do..	F. G. Norbury.....	..do..	25 00
8030	..do..	R. H. Nottelman.....	..do..	25 00
8031	..do..	Cornelia R. Seawell.....	..do..	25 00
8032	..do..	Mary M. Spangler.....	..do..	25 00
8033	..do..	E. R. Spencer.....	..do..	25 00
8034	..do..	W. A. Swenson.....	..do..	25 00
8035	..do..	Lily B. Voegelien.....	..do..	25 00
8036	..do..	Margaret Washington.....	..do..	25 00
8037	..do..	P. Q. Wright.....	..do..	25 00
8038	..do..	A. E. Zucker.....	..do..	25 00
8039	..do..	Lilla M. Alexander.....	Salary, November, 1912.....	60 00
8040	..do..	W. E. Alley.....	..do..	85 00
8041	..do..	Winifred L. Amos.....	..do..	65 00
8042	..do..	Ethel Ash.....	..do..	60 00
8043	..do..	C. E. Atkinson.....	..do..	141 66
8044	..do..	Mary L. Blackwell.....	..do..	50 00
8045	..do..	L. A. Boice.....	..do..	125 00
8046	..do..	Tabitha J. Broadhurst.....	..do..	75 00
8047	..do..	Ina M. Brown.....	..do..	60 00
8048	..do..	Sarah E. Bryan.....	..do..	65 00
8049	..do..	Flora M. Case.....	..do..	55 00
8050	..do..	Mary L. Blackwell.....	Salary, December, 1912.....	50 00
8051	..do..	Miles Clements.....	Salary, November, 1912.....	45 83
8052	..do..	C. C. Crawford.....	..do..	60 00
8053	..do..	H. E. Cunningham.....	..do..	150 00
8054	..do..	C. E. Dalton.....	..do..	45 00
8055	..do..	L. C. Demlow.....	..do..	45 83
8056	..do..	Edith Emigh.....	..do..	65 00
8057	..do..	R. I. Fieg.....	..do..	50 00
8058	..do..	Frances M. Feind.....	..do..	75 00
8059	..do..	Viola Fraser.....	..do..	55 00
8060	..do..	Frances G. Garwood.....	..do..	43 33
8061	..do..	Antionette Goetz.....	..do..	65 00
8062	..do..	Elizabeth Good.....	..do..	40 00
8063	..do..	Mabel L. Griffith.....	..do..	60 00
8064	..do..	Carmen Harnack.....	..do..	55 00
8065	..do..	Eliza Hart.....	..do..	35 00
8066	..do..	C. H. Havens.....	..do..	120 00
8067	..do..	N. Hay.....	..do..	166 66
8068	..do..	Myrtle E. Heater.....	..do..	55 00
8069	..do..	Josie B. Houchens.....	..do..	75 00
8070	..do..	A. H. Hull.....	..do..	65 00
8071	..do..	Katie L. Humrichouse.....	..do..	50 00
8072	..do..	Marie Jester.....	..do..	45 00
8073	..do..	Gertrude Johnson.....	..do..	55 00
8074	..do..	J. J. Johnson.....	..do..	45 00
8075	..do..	Gertrude Keech.....	..do..	30 00
8076	..do..	J. H. Kelley.....	..do..	166 66
8077	..do..	Nora Kerwan.....	..do..	41 66
8078	..do..	Aurella Knapp.....	..do..	65 00
8079	..do..	Allie Lamb.....	..do..	45 00
8080	..do..	A. R. Lee.....	..do..	91 66
8081	..do..	Louise A. Lietz.....	..do..	35 00
8082	..do..	Stella Lund.....	..do..	55 00
8083	..do..	C. M. McConn.....	..do..	233 33
8084	..do..	Agnes McGurty.....	..do..	83 33
8085	..do..	A. H. McLean.....	..do..	80 00
8086	..do..	Jane McMullin.....	..do..	40 00
8087	..do..	L. Mae Manspeaker.....	..do..	83 33
8088	..do..	O. I. Ellis.....	Wages, November, 1912.....	50 00
8089	..do..	Rudolf Meseck.....	Salary, November, 1912.....	65 00
8090	..do..	C. F. Miller.....	..do..	75 00
8091	..do..	Lloyd Morey.....	..do..	85 00
8092	..do..	J. A. Morrow.....	..do..	166 66
8093	..do..	M. W. Murphy.....	..do..	110 00
8094	..do..	H. D. Oberdorfer.....	..do..	166 66
8095	..do..	Elizabeth C. Peel.....	..do..	75 00
8096	..do..	Thomas Peel.....	..do..	55 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
8097	Nov. 30	Elizabeth Pfeiffer	Salary, November, 1912.	\$ 50 00
8098	do.	F. W. Post.	do.	75 00
8099	do.	Harriet L. Postlewait.	do.	50 00
8100	do.	Maryle A. Renz	do.	65 00
8101	do.	Nellie M. Robeson	do.	55 00
8102	do.	Rose E. Ryan.	do.	50 00
8103	do.	Mary Scanlon.	do.	60 00
8104	do.	Anna I. Shepard.	do.	91 66
8105	do.	T. J. Showers.	do.	125 00
8106	do.	Sara M. Slater.	do.	55 00
8107	do.	Bertam Smith.	do.	108 33
8108	do.	L. M. Smith.	do.	100 00
8109	do.	Jessie A. Smith.	do.	65 00
8110	do.	Mayne L. Smith.	do.	150 00
8111	do.	O. E. Staples.	do.	75 00
8112	do.	Alfred Steltz.	do.	95 00
8113	do.	E. T. Strong.	do.	85 00
8114	do.	M. E. Thompson.	do.	55 00
8115	do.	Mary Torrance.	do.	150 00
8116	do.	L. J. Towre.	do.	91 66
8117	do.	G. P. Tuttle.	do.	45 00
8118	do.	Josephine Tyrrell.	do.	83 33
8119	do.	Lida E. Voight.	do.	48 00
8120	do.	B. L. Winchester.	do.	52 50
8121	do.	H. T. Wyringer.	do.	150 00
8122	do.	C. C. Logan.	do.	200 00
8123	do.	H. B. Dorrer.	do.	125 00
8124	do.	C. E. Durst.	do.	100 00
8125	do.	J. J. Gardner.	do.	416 66
8126	do.	J. C. Blair.	do.	133 33
8127	do.	S. J. Bole.	do.	133 33
8128	do.	R. E. Brand.	do.	166 66
8129	do.	W. T. Crandall.	do.	133 33
8130	do.	E. Davenport.	do.	500 00
8131	do.	W. J. Fraser.	do.	291 66
8132	do.	N. W. Hepburn.	do.	175 00
8133	do.	R. S. Hulce.	do.	100 00
8134	do.	L. R. Lang.	do.	133 33
8135	do.	D. McIntosh.	do.	208 33
8136	do.	H. N. Parker.	do.	200 00
8137	do.	W. F. Wells.	do.	125 00
8138	do.	D. O. Barto.	do.	166 66
8139	do.	F. C. Barer.	do.	125 00
8140	do.	Isabel Beaver.	do.	250 00
8141	do.	Thomas Bregger.	do.	100 00
8142	do.	W. L. Burlison.	do.	100 00
8143	do.	W. J. Carmichael.	do.	41 66
8144	do.	H. C. M. Case.	do.	225 00
8145	do.	W. C. Coffey.	do.	120 00
8146	do.	Nina B. Criegler.	do.	166 66
8147	do.	John Deileson.	do.	150 00
8148	do.	J. W. Dickerson.	do.	166 66
8149	do.	J. L. Edmonds.	do.	150 00
8150	do.	K. J. L. Ekblaw.	do.	83 33
8151	do.	Augustiz D. Evans.	do.	166 66
8152	do.	O. S. Fisher.	do.	125 00
8153	do.	Charlotte Gibbs.	do.	166 66
8154	do.	Nellie E. Goldswaite.	do.	110 00
8155	do.	Cora E. Gray.	do.	150 00
8156	do.	A. F. Gustafson.	do.	225 00
8157	do.	H. D. Hall.	do.	150 00
8158	do.	W. F. Handschin.	do.	150 00
8159	do.	Leonard Hegnauer.	do.	416 66
8160	do.	C. G. Hopkins.	do.	120 00
8161	do.	M. E. Jahr.	do.	83 33
8162	do.	O. A. Keller.	do.	250 00
8163	do.	Wilhelm Miller.	do.	266 66
8164	do.	J. G. Mosier.	do.	416 66
8165	do.	H. W. Mumford.	do.	125 00
8166	do.	A. H. Neuringer.	do.	200 00
8167	do.	A. W. Nolan.	do.	100 00
8168	do.	Mande Parsons.	do.	250 00
8169	do.	J. H. Pettit.	do.	133 33
8170	do.	Helena M. Pincomb.	do.	83 33
8171	do.	V. A. Place.	do.	250 00
8172	do.	F. H. Rankin.	do.	125 00
8173	do.	Harriet Rhaker.	do.	120 00
8174	do.	C. O. Reed.	do.	166 66
8175	do.	R. R. Root.	do.	166 66

GENERAL UNIVERSITY WARRANTS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
8176	Nov. 30	H. A. Renne.....	Salary, November, 1912.....	\$116 66
8177	do.	H. P. Rust.....	do.	175 00
8178	do.	F. M. Simpson.....	do.	100 00
8179	do.	L. H. Smith.....	do.	250 00
8180	do.	W. H. Smith.....	do.	108 33
8181	do.	Grace Stevens.....	do.	90 00
8182	do.	J. V. Stevenson.....	do.	41 66
8183	do.	H. W. Stewart.....	do.	150 00
8184	do.	J. R. Wells.....	do.	70 00
8185	do.	Ruth Wheeler.....	do.	133 33
8186	do.	A. L. Whiting.....	do.	125 00
8187	do.	J. J. Yoke.....	do.	83 33
8188	do.	J. B. Park.....	do.	150 00
8189	do.	Orr Allyn.....	do.	70 00
8190	do.	W. B. Garnett.....	do.	125 00
8191	do.	W. L. Gaines.....	do.	150 00
8192	do.	F. A. Pearson.....	do.	75 00
8193	do.	L. M. Wakeley.....	do.	150 00
8194	do.	Jas. Hutchinson.....	do.	100 00
8195	do.	F. W. Minnie.....	do.	83 33
8196	do.	G. L. Peltier.....	do.	83 33
8197	do.	K. L. E. Fogelson.....	do.	100 00
8198	do.	A. J. Gunderson.....	do.	83 33
8199	do.	B. S. Pickett.....	do.	250 00
8200	do.	W. A. Ruth.....	do.	125 00
8201	do.	C. S. Watkins.....	do.	150 00
8202	do.	J. P. Anner.....	do.	150 00
8203	do.	L. R. Binding.....	do.	70 00
8204	do.	R. W. Dickenson.....	do.	70 00
8205	do.	F. A. Fisher.....	do.	83 33
8206	do.	F. W. Garrett.....	do.	83 33
8207	do.	S. V. Holt.....	do.	150 00
8208	do.	E. E. Hoskins.....	do.	150 00
8209	do.	Oran Keller.....	do.	70 00
8210	do.	W. R. Lehigh.....	do.	100 00
8211	do.	Gertrude Niederman.....	do.	100 00
8212	do.	J. E. Reudinner.....	do.	125 00
8213	do.	W. H. Sachs.....	do.	150 00
8214	do.	E. Van Alstine.....	do.	83 33
8215	do.	F. M. W. Wascher.....	do.	150 00
8216	do.	H. C. Wheeler.....	do.	83 33
8217	do.	C. E. Wheelock.....	do.	150 00
8218	do.	J. E. Witchnurch.....	do.	70 00
8219	do.	John Woodard.....	do.	150 00
8220	do.	H. H. Mitchell.....	do.	125 00
8221	do.	C. S. Crandall.....	do.	291 66
8222	do.	H. W. Peaslee.....	do.	266 66
8223	do.	J. W. Lloyd.....	do.	200 00
8224	do.	Allice V. Hamilton.....	do.	75 00
8225	do.	Bessie E. Packard.....	do.	75 00
8226	do.	Leonora Parry.....	do.	79 16
8227	do.	Florence E. Smith.....	do.	65 00
8228	do.	B. E. Powell.....	do.	191 66
8229	do.	A. O. Magnuson.....	Wages, November, 1912.....	40 00
8230	do.	George Nogle.....	do.	40 00
8231	do.	H. E. Moore.....	do.	70 00
8232	do.	W. B. Atwell.....	do.	47 50
8233	do.	Oliver G. Reid.....	do.	40 34
8234	do.	Andrew Tornquist.....	do.	50 00
8235	do.	M. D. Rose.....	do.	75 00
8236	do.	Hi. Simer.....	do.	52 50
8237	do.	Stanley Wilkins.....	do.	45 00
8238	do.	F. W. Wilson.....	do.	40 00
8239	do.	Victor Thomas.....	do.	30 00
8240	do.	Frank Sanders.....	do.	47 50
8241	do.	S. E. Ore.....	do.	55 00
8242	do.	Ed. Myers.....	do.	47 50
8243	do.	Joe Mink.....	do.	46 00
8244	do.	William Kelley.....	do.	47 50
8245	do.	Lawrence Engle.....	do.	22 55
8246	do.	Roy Argo.....	do.	50 00
8247	do.	M. J. Conley.....	do.	75 00
8248	do.	Jess Cook.....	do.	47 50
8249	do.	Rob Cook.....	do.	47 50
8250	do.	L. Uiterback.....	do.	50 00
8251	do.	A. J. Stoneburner.....	do.	45 00
8252	do.	Sadie Jones.....	do.	45 00
8253	do.	W. L. Harry.....	do.	83 33
8254	do.	W. W. Williams.....	do.	50 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
8255	Nov. 30	Florence T. Stoutzenberg.....	Wages, November, 1912.....	\$ 25 00
8256	..do..	C. C. Totman.....	..do.....	75 00
8257	..do..	Mamie Bunch.....	..do.....	45 00
8258	..do..	Ethel Clark.....	..do.....	40 00
8259	..do..	Winifred McIntosh.....	..do.....	10 00
8260	..do..	H. H. Wheeler.....	..do.....	65 00
8261	..do..	Margaret C. Foss.....	..do.....	40 00
8262	..do..	Horace B. Ingalls.....	..do.....	60 00
8263	..do..	R. C. Glover.....	..do.....	40 00
8264	..do..	James Brown.....	..do.....	50 00
8265	..do..	J. L. Gardner.....	..do.....	80 00
8266	..do..	I. F. Burdick.....	..do.....	70 00
8267	..do..	Harley Foor.....	..do.....	50 00
8268	..do..	T. P. Crawford.....	..do.....	47 50
8269	..do..	Wm. Hough.....	..do.....	83 33
8270	..do..	Elmer Jenkins.....	..do.....	55 00
8271	..do..	Earl Meenach.....	..do.....	60 00
8272	..do..	Chester Turner.....	Wages, September 20 to Nov- ember 30, 1912.....	63 00
8273	..do..	J. E. Thomas.....	Wages, November, 1912.....	45 00
8274	..do..	J. H. Coffey.....	..do.....	45 00
8276	..do..	Alpha Tornquist.....	..do.....	25 00
8276	..do..	L. A. Hunter.....	..do.....	70 00
8277	..do..	W. T. Craig.....	..do.....	83 33
8278	..do..	W. L. Bennett.....	..do.....	60 00
8279	..do..	Will Paterson.....	..do.....	45 00
8280	..do..	P. O. Moore.....	..do.....	45 00
8281	..do..	A. M. McBath.....	..do.....	45 00
8282	..do..	H. J. Bannister.....	..do.....	45 00
8283	..do..	John Balcom.....	..do.....	55 00
8284	..do..	H. K. Baltzer.....	..do.....	55 00
8285	..do..	G. W. Bearsdley.....	..do.....	50 00
8286	..do..	E. M. Clark.....	..do.....	60 00
8287	..do..	H. E. Crouch.....	..do.....	115 00
8288	..do..	A. W. Fischer.....	..do.....	83 33
8289	..do..	Earl Garver.....	..do.....	65 00
8290	..do..	R. C. Kastler.....	..do.....	55 00
8291	..do..	A. F. Krueger.....	..do.....	65 00
8292	..do..	Cornelius Stocker.....	..do.....	75 00
8293	..do..	A. Ten Broeck.....	..do.....	50 00
8294	..do..	W. W. Yapp.....	..do.....	70 00
8295	..do..	Anna Crathorne.....	..do.....	50 00
8296	..do..	Ruath Loveless.....	..do.....	50 00
8297	..do..	Etta Perry.....	..do.....	60 00
8298	..do..	Ethel Sharp.....	..do.....	35 00
8299	..do..	Lillian Smith.....	..do.....	50 00
8300	..do..	Loretta White.....	..do.....	60 00
8301	..do..	R. Pritchard.....	..do.....	55 00
8302	..do..	Hazel Rhoads.....	..do.....	55 00
8303	..do..	H. Pritchard.....	..do.....	65 00
8304	..do..	L. Donohue.....	..do.....	50 00
8305	..do..	G. D. Donohue.....	..do.....	45 00
8306	..do..	Ralph Chaplin.....	..do.....	60 00
8307	..do..	Claude Harrolle.....	..do.....	40 00
8308	..do..	Rose Hegenbart.....	..do.....	75 00
8309	..do..	Louie Frizzell.....	..do.....	40 00
8301	..do..	Pearl Cunningham.....	..do.....	19 50
8311	..do..	Jas. Boswell.....	..do.....	15 75
8312	..do..	R. S. Smith.....	..do.....	45 00
8313	..do..	Flora M. Sims.....	..do.....	83 33
8314	..do..	Geo. E. Miller.....	..do.....	83 33
8315	..do..	John Lankford.....	..do.....	60 00
8316	..do..	F. W. Gault.....	..do.....	80 00
8317	..do..	C. C. Chapman.....	..do.....	83 33
8318	..do..	Chas. A. Campbell.....	..do.....	60 00
8319	..do..	J. C. Anderson.....	..do.....	65 00
8320	..do..	Freda O. Stricklan.....	..do.....	65 00
8321	..do..	Alice Reed.....	..do.....	50 00
8322	..do..	Mary Millar.....	..do.....	65 00
8323	..do..	W. A. McIntire.....	..do.....	50 00
8324	..do..	J. R. Kelley.....	..do.....	52 50
8325	..do..	Marion B. Gallaher.....	..do.....	40 00
8326	..do..	Emma L. Custer.....	..do.....	70 00
8327	..do..	J. F. Smith.....	..do.....	65 00
8328	..do..	Elizabeth Pulling.....	..do.....	60 00
8329	..do..	Fred Pine.....	..do.....	75 00
8330	..do..	Marjorie H. Gage.....	..do.....	65 00
8331	..do..	Mabel Halliday.....	..do.....	60 00
8332	..do..	W. J. Engle.....	..do.....	65 00

GENERAL UNIVERSITY WARRANTS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
8333	Nov. 30	The Carson-Rayson Co.	Pipe.	\$306 90
8334	do.	Chas. E. Lemist Co.	Book.	2 75
8335	do.	W. Cary Lewis & Co.	Paper.	4 00
8336	do.	Charles Rhaker.	Typewriting.	16 74
8337	do.	Abbie E. C. Lethrop.	Mice.	12 90
8338	do.	Ralph Hilscher.	Expenses.	15 74
8339	do.	H. F. Corson.	do.	5 64
8340	do.	H. F. Ferguson.	do.	17 23
8341	do.	M. T. Lindsey.	Wages, November, 1912.	11 00
8342	do.	E. H. Walworth.	do.	20 25
8343	do.	R. L. Hegnauer.	do.	20 75
8344	do.	Frances B. McClughen.	Services.	17 75
8345	do.	J. C. Fiscus.	Wages, November, 1912.	93 60
8346	do.	C. A. Denman.	do.	113 40
8347	do.	John Brammagan.	do.	77 33
8348	do.	Wm. Templin.	do.	86 62
8349	do.	Frank Hardy.	do.	54 00
8350	do.	Wm. Fogarty.	do.	54 00
8351	do.	F. Y. Franklin.	do.	45 60
8352	do.	C. Y. Freeman.	do.	60 60
8353	do.	P. Adams.	Services, November, 1912.	30 18
8354	do.	Wm. Leach.	Wages, November, 1912.	81 00
8355	do.	W. H. Graybeal.	do.	62 80
8356	do.	Sail Hamlin.	do.	54 00
8357	do.	Samuel Hanson.	do.	63 80
8358	do.	F. T. Harper.	do.	54 60
8359	do.	T. O. Henderson.	do.	106 05
8360	do.	W. G. Hixon.	do.	45 60
8361	do.	F. F. Hoover.	do.	54 00
8362	do.	Ross M. Hutton.	do.	84 00
8363	do.	O. F. Smith.	do.	52 00
8364	do.	Jas. Irvine.	do.	65 40
8365	do.	P. S. Jeffers.	do.	63 45
8366	do.	Frank Irvine.	do.	43 20
8367	do.	Margaret Jones.	do.	43 20
8368	do.	Walter Jones.	do.	54 80
8369	do.	C. C. Johnson.	do.	52 60
8370	do.	G. E. Kirk.	do.	70 20
8371	do.	J. A. J. Klein.	do.	82 50
8372	do.	Adolph Langhoff.	do.	58 20
8373	do.	Fred Langhoff.	do.	33 75
8374	do.	Wm. Langhoff.	do.	63 00
8375	do.	E. C. Lewis.	do.	63 00
8376	do.	A. C. Litton.	do.	58 20
8377	do.	J. F. Long.	do.	72 67
8378	do.	Thos. Long.	do.	58 00
8379	do.	S. A. Porter.	do.	59 60
8380	do.	Jas. MacCullough.	do.	43 20
8381	do.	Frances E. McClughen.	do.	64 24
8382	do.	Dan Meneley.	do.	61 80
8383	do.	Bert Matthews.	do.	62 00
8384	do.	H. H. Mahoney.	do.	65 20
8385	do.	O. E. Meenach.	do.	54 00
8386	do.	C. M. Miller.	do.	36 72
8387	do.	Elizabeth Muhleman.	do.	43 20
8388	do.	Rebecca Morgan.	do.	61 60
8389	do.	Arthur Moreland.	do.	62 00
8390	do.	Urban Moreland.	do.	104 80
8391	do.	W. H. Clark.	do.	63 20
8392	do.	Jacob Nikolaus.	do.	56 50
8393	do.	Ruthie M. Murphy.	do.	61 00
8394	do.	F. M. Perry.	do.	71 20
8395	do.	Wm. Quinn.	do.	66 90
8396	do.	Chas. Gundlock.	do.	43 20
8397	do.	J. F. Purkins.	do.	90 72
8398	do.	Mary Ryan.	do.	49 40
8399	do.	Ed. Richards.	do.	63 80
8400	do.	B. L. Reed.	do.	62 20
8401	do.	A. Servis.	do.	73 08
8402	do.	L. M. Sterns.	do.	54 00
8403	do.	Frank Stataier.	do.	8 00
8404	do.	D. C. Sprinkle.	do.	69 20
8405	do.	John Snyder.	do.	67 16
8406	do.	Geo. Toy.	do.	59 40
8407	do.	I. F. Tullison.	do.	58 80
8408	do.	Edward Hargan.	do.	57 80
8409	do.	Henry Turner.	do.	90 00
8410	do.	Geo. Turner.	do.	
8411	do.	William Wilde.	do.	

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
8412	Nov. 30	Edmund Wharmby.....	Wages, November, 1912.....	\$ 62 80
8413	..do.	C. H. Whetcraft.....	..do.	28 00
8414	..do.	P. F. Meharry.....	..do.	13 00
8415	..do.	P. Adams.....	..do.	9 30
8416	..do.	W. M. Atwell.....	..do.	57 60
8417	..do.	C. E. Arrington.....	..do.	62 20
8418	..do.	R. W. Baldwin.....	..do.	57 80
8419	..do.	J. E. Bailey.....	..do.	27 00
8420	..do.	G. W. Boyer.....	..do.	68 40
8421	..do.	Harry Brown.....	..do.	62 20
8422	..do.	Basil Brown.....	..do.	68 54
8423	..do.	B. M. Bullock.....	..do.	65 80
8424	..do.	John Ceduskey.....	..do.	62 00
8425	..do.	Jos. Davis.....	..do.	70 20
8426	..do.	F. Cunningham.....	..do.	127 50
8427	..do.	F. Crathorne.....	..do.	81 60
8428	..do.	John Garman.....	..do.	50 00
8429	..do.	Frank Wilson.....	..do.	20 20
8430	..do.	E. P. Dibble.....	..do.	79 86
8431	..do.	T. J. Faye.....	..do.	93 00
8432	..do.	C. E. Follansbee.....	..do.	50 80
8433	..do.	Louie Fender.....	..do.	71 28
8434	..do.	J. J. Fiscus.....	..do.	54 60
8435	..do.	Frank Fogarty.....	..do.	52 00
8436	..do.	Louis Pro.....	..do.	51 30
8437	..do.	W. W. Trimble.....	..do.	17 60
8438	..do.	G. F. Smalley.....	..do.	34 80
8439	..do.	Harry Higgins.....	..do.	85 33
8440	..do.	Jesse Meyers.....	..do.	66 15
8441	..do.	John Miller.....	..do.	90 00
8442	..do.	Bert Hays.....	..do.	60 84
8443	..do.	Fred Hooker.....	..do.	48 00
8444	..do.	G. H. Rely.....	..do.	74 11
8445	..do.	Bertha G. States.....	..do.	50 00
8446	..do.	B. L. Bowling.....	..do.	70 00
8447	..do.	W. S. Goodspeed.....	..do.	83 33
8448	..do.	Marie A. Gordon.....	..do.	50 00
8449	..do.	H. O. Smith.....	..do.	84 00
8450	..do.	A. J. Booker.....	..do.	10 80
8451	..do.	Orval Snook.....	..do.	42 40
8452	..do.	C. A. Dunseth.....	..do.	97 20
8453	..do.	Thos. Butler.....	..do.	65 70
8454	..do.	Florence Nyberg.....	..do.	50 00
8455	..do.	H. J. Vanderbeek.....	..do.	60 75
8456	..do.	Marguerite Munn.....	..do.	46 77
8457	..do.	Martin Sandwell.....	..do.	97 20
8458	..do.	Amos Wright.....	..do.	97 20
8459	..do.	Ross Reinhardt.....	..do.	43 50
8460	..do.	Ben Durman.....	..do.	38 94
8461	..do.	S. T. Wallage.....	Services.....	10 45
8462	..do.	F. H. Colyer.....	Wages, November, 1912.....	7 50
8463	..do.	W. M. Birdzell.....	..do.	41 40
8464	..do.	W. J. Smith.....	..do.	121 60
8465	..do.	J. R. Newton.....	..do.	85 56
8466	..do.	E. W. Justus.....	..do.	108 00
8467	..do.	A. J. McAllister.....	..do.	76 59
8468	..do.	J. F. Kohout.....	Salary, November, 1912.....	10 00
8469	..do.	R. A. Bennett.....	Wages, November, 1912.....	15 40
8470	..do.	R. Berbaum.....	..do.	66 50
8471	..do.	C. I. Newlin.....	..do.	75 00
8472	..do.	Chas. Hill.....	..do.	97 20
8473	..do.	J. N. Morgan.....	..do.	30 00
8474	..do.	J. H. Vandiventer.....	..do.	97 20
8475	..do.	August Warmbier.....	..do.	63 36
8476	..do.	Wesley Wilson.....	..do.	97 20
8477	..do.	A. Baumgartner.....	..do.	81 00
8478	..do.	V. R. Barnes.....	..do.	96 00
8479	..do.	M. C. Booher.....	..do.	46 80
8480	..do.	Pete Davis.....	..do.	66 50
8481	..do.	Asa Denman.....	..do.	78 00
8482	..do.	Howard Downing.....	..do.	61 19
8383	..do.	Fred Fender.....	..do.	87 64
8484	..do.	Guy Fox.....	..do.	84 00
8485	..do.	Della M. Rogers.....	..do.	39 84
8486	..do.	Gertrude Johnson.....	..do.	19 50
8487	..do.	J. Rachwalski.....	..do.	40 00
8488	..do.	Verna A. Manley.....	..do.	33 25
8489	..do.	Amelia Feldkamp.....	..do.	33 33
849	..do.	Lawrence Lahr.....	..do.	33 33

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
8491	Nov. 30	H. D. Brown.	Expenses.	\$ 4 80
8492	do.	D. H. Sims, Contractor.	Grading.	69 30
8493	do.	G. E. Wright.	Wages, November, 1912.	78 50
8494	do.	Wesley Hoffman.	do.	97 20
8495	do.	Ethel V. Manley.	do.	56 50
8496	do.	Marion E. Sparks.	do.	32 65
8497	do.	C. R. Sinclair.	do.	72 50
8498	do.	J. W. Dunlap, Contractor.	Payment on contract.	200 00
8499	do.	Gould Storage Battery Co.	Electric apparatus.	1,050 00
8500	do.	C. H. Wheeler Mfg. Co.	Pumps and condenser.	1,324 00
8501	do.	David Kinley.	Expenses.	115 08
8502	do.	Mabel Schadt.	Wages, November, 1912.	10 65
8503	do.	Bert Sternberg.	do.	19 40
8504	do.	R. P. Gage.	do.	10 00
8505	do.	K. G. Brown.	do.	26 80
8506	do.	C. C. Younglove.	do.	11 20
8507	do.	G. F. Paulsen.	do.	27 75
8508	do.	Ethel Berlin.	do.	13 65
8509	do.	W. W. Peters.	do.	20 00
8510	do.	L. M. Apgar.	do.	20 00
8511	do.	Harold Bolander.	do.	12 10
8512	do.	A. R. Brandner.	do.	14 25
8513	do.	Mary E. Fawcett.	Expenses.	45 14
8514	do.	E. A. Schwing.	Wages, November, 1912.	19 40
8515	do.	P. T. Walters.	do.	17 20
8516	do.	Phillip Udinsky.	do.	18 20
8517	do.	G. E. Quick.	do.	17 20
8518	do.	Nathan Meltz.	do.	18 20
8519	do.	Ora McGee.	do.	16 20
8520	do.	Hubert Jessen.	do.	13 60
8521	do.	D. R. Bull.	do.	15 00
8522	do.	P. R. Greenman.	do.	17 20
8523	do.	E. O. Fontaine.	do.	16 60
8524	do.	Earle Rugg.	do.	30 80
8525	do.	Eleanor Hubbard.	do.	21 20
8526	do.	R. W. Ritchey.	do.	21 40
8527	do.	F. C. Hare.	do.	35 20
8528	do.	J. K. Primm.	do.	11 40
8529	do.	Vera Snook.	do.	12 70
8530	do.	Olive Paine.	do.	24 00
8531	do.	Lucile Cravens.	do.	20 50
8532	do.	Isabelle Anderson.	do.	10 80
8533	do.	Otto Schinnerer.	do.	17 00
8534	do.	Bertha Bourdette.	do.	13 40
8535	do.	F. S. Stroheker.	do.	21 60
8536	do.	J. G. Eppinger.	do.	12 60
8537	do.	F. R. Miller.	do.	16 40
8538	do.	William E. Britton.	do.	30 12
8539	do.	Julius Goebel, Jr.	do.	12 40
8540	do.	Charles E. Meyers.	do.	21 05
8541	do.	W. A. Shewhart.	do.	10 00
8542	do.	P. S. Nelson.	do.	39 90
8543	do.	Leonard Dunlap.	do.	23 45
8544	do.	C. E. Hay.	do.	10 75
8545	do.	H. F. T. Fahrnkopf.	do.	11 25
8546	do.	H. J. Snider.	do.	22 20
8547	do.	Alfred Raut.	do.	23 98
8548	do.	F. N. Barrett.	do.	23 45
8549	do.	E. J. Willford.	do.	25 38
8550	do.	A. J. Sackersan.	do.	24 15
8551	do.	Arthur Semple.	do.	31 40
8552	do.	J. A. Fletcher.	do.	14 60
8553	do.	R. F. Hervey.	do.	13 00
8554	do.	C. H. Rehling.	do.	25 70
8555	do.	Roy Horning.	do.	42 80
8556	do.	Theodore Rector.	do.	21 96
8557	do.	C. G. Cox.	do.	15 60
8558	do.	K. A. McKaskill.	do.	26 60
8559	do.	Edgar Hermann.	do.	42 60
8560	do.	G. W. Schroeder.	do.	10 25
8561	do.	D. Vauble.	do.	50 40
8562	do.	H. A. Cate.	do.	10 50
8563	do.	L. S. Baldwin.	do.	17 50
8564	do.	T. W. Dieckman.	do.	32 40
8565	do.	G. W. Porter.	do.	60 00
8566	do.	M. L. Nebel.	do.	11 25
8567	do.	F. H. Kelley.	do.	10 60
8568	do.	R. F. Shoffer.	do.	29 70
8569	do.	Evalens Bowen.	do.	36 62



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
8570	Nov. 30	Frank Lester.....	Wages, November, 1912.....	\$ 79 88
8571	do.	A. Bevis.....	do.....	159 50
8572	do.	R. L. Kelley.....	do.....	52 40
8573	do.	R. M. Stevens.....	do.....	15 75
8574	do.	B. L. Ray.....	do.....	27 00
8575	do.	The Urbana Steam Laundry.....	Laundry work.....	88 03
8576	do.	Twin City Electric Co.....	Labor.....	110 00
8577	do.	T. A. Clark.....	Expenses.....	352 75
8578	do.	Yesterlaid Egg Farm.....	Blue prints.....	20 00
8579	do.	N. W. Stewart.....	Expenses.....	9 35
8580	do.	K. J. T. Ekblaw.....	Expenses.....	6 35
8581	do.	A. F. Krueger.....	do.....	16 17
8582	do.	W. T. Crandall.....	do.....	15 75
8583	do.	E. L. Thorndike.....	Lectures and expenses.....	112 00
8584	do.	Palmer & Harris.....	Catering.....	195 00
8585	do.	E. P. Cubberley.....	Expenses.....	50 00
8586	do.	D. H. Stevenson.....	do.....	40 27
8587	do.	J. R. Wells.....	do.....	10 19
8588	do.	W. C. Coffey.....	do.....	6 89
8589	do.	B. S. Radcliffe.....	Salary, September, October and November, 1912.....	240 00
8590	do.	W. A. Hooker.....	Wages, November, 1912.....	54 00
8591	do.	T. D. Yensen.....	Balance salary, November, 1912.....	50 00
8592	do.	Robert Pergande.....	Wages, November, 1912.....	85 00
8593	do.	B. L. Morehouse.....	do.....	85 00
8594	do.	S. C. Burton.....	Salary, November, 1912.....	85 00
8595	do.	A. L. Sauers.....	Wages, November, 1912.....	92 25
8596	do.	Laura B. Evans.....	Expenses.....	61 06
8597	do.	H. A. Hollister.....	do.....	9 54
8598	do.	L. S. Baldwin.....	Wages, November, 1912.....	50 40
8599	do.	C. M. Robinson.....	Expenses.....	223 36
8600	do.	A. W. Nolan.....	do.....	11 24
8601	Dec. 3	J. R. Newberry.....	Butter.....	10 87
8602	do.	W. L. Richards.....	do.....	7 65
8603	do.	John Coleman.....	do.....	3 12
8604	do.	Geo. Bost.....	do.....	7 48
8605	do.	Johnson's Creamery.....	do.....	10 56
8606	do.	W. R. Olinger.....	do.....	3 05
8607	do.	H. E. Siegman.....	do.....	6 79
8608	do.	Wyoming Creamery Co.....	do.....	2 79
8609	do.	W. F. Conway.....	do.....	7 14
8610	do.	Ferdinand Grimm.....	do.....	6 30
8611	do.	M. E. Simonson.....	do.....	10 56
8612	do.	P. J. Peterson.....	do.....	3 40
8613	do.	Green River Creamery.....	do.....	2 90
8614	do.	L. R. Weckerly.....	do.....	3 40
8615	do.	Sam Grimm.....	do.....	6 28
8616	do.	Louis Lamm.....	Books.....	7 87
8617	do.	J. M. Lindgren.....	Wages, November, 1912.....	31 90
8618	do.	H. V. Roberts.....	Labor and materials.....	49 90
8619	do.	White Line Steam Laundry.....	Laundry.....	37 92
8620	do.	National Association of State Universi- ties.....	Dues.....	15 00
8621	do.	The U. S. Blue Print Paper Co.....	Paper.....	3 90
8622	do.	E. V. Percival.....	Chickens.....	22 50
8623	do.	Hervey Argo.....	Grading.....	60 00
8624	do.	C. E. Durst.....	Expenses.....	7 00
8625	do.	Jennie C. Barlow.....	Expenses and services.....	43 17
8626	do.	Saylor Publishing Co.....	Subscription.....	1 00
8627	do.	J. L. Edmonds.....	Bills paid.....	3 00
8628	do.	J. W. Amrine.....	Hay.....	289 19
8628	do.	D. M. Sims, Contractor.....	Labor.....	15 00
8630	do.	August Gerber.....	Models.....	157 44
8631	do.	Ernst Schmidt.....	do.....	386 55
8632	do.	F. P. Collyer.....	Expenses.....	18 39
8633	do.	H. E. Crouch.....	do.....	11 37
8634	do.	Otis Elevator Co. Contractors.....	Payment on contract.....	197 50
8635	do.	Jessie E. Holtz.....	Books.....	15 00
8636	do.	J. M. Bryant.....	Expenses.....	2 45
8637	do.	B. S. Pickett.....	do.....	12 92
8638	do.	W. R. Hall.....	do.....	3 30
8639	do.	C. W. Balke.....	Membership.....	19 20
8640	do.	A. B. Gray, Special collector.....	Assessment.....	817 44
8641	do.	The C., C. & St. L. Ry. Co.....	Axles.....	10 94
8642	do.	Joseph Baer & Co.....	Books.....	169 58
8643	do.	G. W. Medley.....	Expenses.....	8 10
8644	do.	J. E. Readhimer.....	do.....	103 72
8645	do.	C. W. Crabtree.....	do.....	50 50
8646	do.	W. H. Smith.....	do.....	6 94

GENERAL UNIVERSITY WARRANTS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
8647	Dec. 1912.	Imperial Cotto Milling Co.....	Meal.	\$ 375 75
8648	do.	Elliott Bros.	Cattle.	1,576 80
8649	do.	The Beardsley Hotel.	Entertainment.	3 00
8650	do.	F. D. Barber.	Expenses.	1 92
8651	do.	Carl Covin.	do.	4 42
8652	do.	A. C. Norris.	do.	30 34
8653	do.	C. R. Dyer.	do.	7 50
8654	do.	W. E. Holckness.	do.	1 20
8655	do.	S. J. Vaughn.	do.	12 15
8656	do.	Harriet L. Boudin.	do.	2 53
8657	do.	C. H. Keltner.	do.	9 34
8658	do.	J. F. Gilbert.	do.	1 20
8659	do.	J. L. Fries.	do.	2 84
8660	do.	C. E. Mann.	do.	3 80
8661	do.	L. S. Nollen.	do.	3 80
8662	do.	L. S. Lyon.	do.	3 80
8663	do.	D. C. Kedgeley.	do.	10 56
8664	do.	W. B. Spurrlet.	do.	16 56
8665	do.	H. B. Wilson.	do.	4 20
8666	do.	H. M. Clev.	do.	1 75
8667	do.	Eva M. McKinnie.	do.	8 40
8668	do.	Ada G. Grandy.	do.	7 20
8669	do.	R. O. Clarida.	do.	7 20
8670	do.	O. F. Howorth.	do.	1 15
8671	do.	F. M. Leavitt.	do.	4 27
8672	do.	Edward Barlow.	do.	48 04
8673	do.	Florence Harrison.	Services.	37 54
8674	do.	N. W. Hepburn.	Expenses.	86 24
8675	do.	W. J. Gaines.	do.	86 53
8676	do.	H. S. Hulse.	do.	39 21
8677	do.	H. K. Balzer.	do.	2 20
8678	do.	West Publishing Co.	Subscription.	4 36
8679	do.	H. F. Ferguson.	Expenses.	4 13
8680	do.	H. F. Corson.	do.	2 01
8681	Dec. 4	E. W. Marquis.	Kabulis.	3 20
8682	do.	Keweenaw Boiler Co.	Expenses.	105 00
8683	do.	Engels Bros. Contractors.	Stack.	2,734 95
8684	do.	O. E. Staples, Chief Clerk.	Payment on contract.	11 75
8685	do.	O. E. Staples, Chief Clerk.	Freight.	115 43
8686	do.	O. E. Staples, Chief Clerk.	do.	41 80
8687	do.	O. E. Staples, Chief Clerk.	do.	41 80
8688	do.	O. E. Staples, Chief Clerk.	Express.	64 80
8689	do.	O. E. Staples, Chief Clerk.	do.	62 58
8690	do.	O. E. Staples, Chief Clerk.	Men's payroll.	700 67
8691	do.	O. E. Staples, Chief Clerk.	Students payroll.	642 36
8692	do.	O. E. Staples, Chief Clerk.	Refunds.	267 25
8693	do.	O. E. Staples, Chief Clerk.	Student bills.	60 69
8694	Dec. 5	F. F. L. Swanson.	Milk.	1 63
8695	do.	H. Graham.	do.	4 77
8697	do.	E. R. Hyde.	do.	2 18
8698	do.	E. R. Hann.	do.	5 90
8699	do.	Kathman & Co.	do.	2 59
8700	do.	S. Atkinson.	do.	5 96
8701	do.	E. T. Dunn.	do.	5 11
8702	do.	J. H. Smalley.	do.	12 57
8703	do.	J. H. Schwenkel.	do.	12 59
8704	do.	James Freeman.	do.	3 78
8705	do.	G. A. Taylor.	do.	2 32
8706	do.	O. A. McInnes.	do.	3 77
8707	do.	John Weiss.	do.	16 73
8708	do.	C. Alford.	do.	5 25
8709	do.	V. A. McCracken.	do.	16 87
8710	do.	W. E. Deign.	do.	2 07
8711	do.	L. H. Case.	do.	18 54
8712	do.	L. H. Gordon.	do.	12 80
8713	do.	W. H. Gray.	do.	7 34
8714	do.	E. G. Lyons.	do.	4 92
8715	do.	A. B. Gurne.	do.	3 28
8716	do.	M. T. Sandiday.	do.	3 81
8717	do.	S. Leagn.	do.	4 81
8718	do.	F. M. Herriott.	do.	8 36
8720	do.	M. H. Hudson.	do.	5 69
8721	do.	P. P. Hudson.	do.	16 68
8722	do.	T. E. Harrison.	do.	6 62
8723	do.	C. C. Eason.	do.	18 84
8725	do.	G. M. Seebert.	do.	3 04
				10 03
				5 53

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
8726	Dec. 5	H. I. Nelson	Milk	\$ 10 12
8727	do.	J. H. Umbanhowar	do.	12 48
8728	do.	D. W. Shiveley	do.	4 39
8729	do.	W. W. Meyer	do.	11 02
8730	do.	R. A. Lumsden	do.	2 03
8731	do.	G. F. Diefenbach	do.	5 78
8732	do.	C. A. Fogel	do.	9 36
8733	do.	W. C. Welch	do.	6 77
8734	do.	E. R. Canady	do.	14 01
8725	do.	John McCullough	do.	26 86
8736	do.	David Wilkins	do.	6 28
8737	do.	George Herriott	do.	8 60
8738	do.	H. J. Moorehouse	do.	9 79
8739	do.	Andrew Shields	do.	19 93
8740	do.	T. M. Ghere	do.	14 89
8741	do.	W. F. Hampton	do.	7 15
8742	do.	L. H. Besore	do.	6 32
8743	do.	W. H. Frame	do.	5 08
8744	do.	W. J. Wilson	do.	13 60
8745	do.	E. Fletcher	do.	3 29
8746	do.	H. Cherry	do.	3 35
8747	do.	I. Ellrod	do.	6 48
8748	do.	F. W. Howell	do.	6 66
8749	do.	D. S. Herriott	do.	3 67
8750	do.	John Godsell	do.	2 88
8751	do.	Pearl Hazen	do.	11 24
8752	do.	R. S. McInnes	do.	7 82
8753	do.	S. Guinn	do.	10 72
8754	do.	F. H. Busey	do.	12 37
8755	do.	W. Davis	do.	4 03
8756	do.	L. F. Lindsey	do.	7 54
8757	do.	G. W. Van Meter	do.	24 67
8758	do.	Frank Knox	do.	10 29
8759	do.	J. E. Haney	do.	3 78
8760	do.	J. M. Smith	do.	7 15
8761	do.	J. B. Marsh	do.	7 54
8762	do.	Cora Stacke	do.	6 29
8763	do.	J. C. Anderson	do.	4 11
8764	do.	J. F. Hoy	do.	6 55
8765	do.	C. J. Gillespie	do.	4 50
8766	do.	B. Jordan	do.	16 05
8767	do.	L. P. Rayburn	do.	2 20
8768	do.	H. Buhs	do.	2 48
8769	do.	E. Grove	do.	10 30
8770	do.	Len Rayburn	do.	3 92
8771	do.	H. C. Kaufman	do.	5 40
8772	do.	George Schiff	do.	11 51
8773	do.	C. Ross	do.	12 98
8874	do.	Nicholas Hahn	do.	7 70
8775	do.	H. Wascher	do.	18 94
8776	do.	G. E. Jones	do.	10 56
8777	do.	S. Herriott	do.	1 84
8778	do.	R. T. Lumsden	do.	3 55
8779	do.	T. F. Jordan	do.	31 63
8780	Dec. 6	E. L. Thorndike	Fee	75 00
8781	do.	W. W. Lindley, Postmaster	Postage	404 23
8782	do.	O. E. Staples, Chief Clerk	Students payroll	636 68
8783	do.	O. E. Staples, Chief Clerk	Sundry bills	93 44
8784	do.	T. H. Craig	Clock	1 35
8785	do.	Louis Ely & Co.	Labor and materials	31 00
8786	do.	J. W. Butler Paper Co.	Paper	28 85
8787	do.	Central Electric Co.	Electrical supplies	24 73
8788	do.	Automatic Electric Co.	do.	327 50
8789	do.	John H. Doyle	Hardware, etc.	6 70
8790	do.	Tablet & Ticker Co.	Letters	8 27
8791	do.	A. M. & L. A. Terwilliger	Hardware	12 55
8792	do.	Twin City Printing Co.	Printing	29 80
8793	do.	Mills Electric Co.	Electrical supplies	82 21
8794	do.	Underwood Typewriter Co., Inc.	Repairs, etc.	113 90
8795	do.	The Leeds & Northrup Co.	Electrical supplies	227 85
8796	do.	Dallenbach Bros.	Groceries	3 93
8797	do.	S. E. Dillavou	Hardware	25 30
8798	do.	Illinois State Reformatory	Printing	698 90
8799	do.	The University of Illinois Supply Store	Stationery	104 97
8800	do.	B. A. Strauch	Prints	10 97
8801	Dec. 7	Oliver Chilled Plow Works	Freight	12 44
8802	do.	L. E. Foglesong	Expenses	94 11
8803	do.	H. Sydow	Specimens	7 63
8804	do.	R. Friedlander & Sohn	Books	6 55

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
8805	Dec. 7	Dairy Department.	Sundry bills.	\$ 47 90
8806	..do.	E. J. Townsend.	Expenses.	5 87
8807	..do.	I. W. Fisk.	..do.	20 07
8808	..do.	Weston Electrical Instrument Co.	Repairing.	7 85
8809	..do.	E. B. Paine.	Expenses.	20 52
8810	..do.	Morgan Brooks.	..do.	20 82
8811	..do.	Bennetts Newspaper & Magazine Agency	Subscription.	105 60
8812	..do.	Underwood & Underwood.	Stereographs.	2 90
8813	..do.	G. A. Goodenough.	Expenses.	19 68
8814	..do.	R. M. Sherman.	..do.	8 68
8815	..do.	Barnes-Crosby Co.	Half-tones.	23 39
8816	..do.	Truax-Greene & Co.	Syringe.	2 55
8817	..do.	E. G. Soltmann.	Contracts.	1 60
8818	..do.	Illinois State Penitentiary.	Furniture.	19 00
8819	..do.	Powers & Powers.	Hydra.	5 10
8820	..do.	Wheatly Pottery Co.	Birdhouses.	12 00
8821	..do.	F. D. Lambert.	Embryos.	14 30
8822	..do.	E. S. Dodson.	Labels.	1 75
8823	..do.	Mollie Fraser.	Salary, November, 1912.	33 33
8824	..do.	H. P. Stinespring.	Feed.	58 00
8825	..do.	J. E. Morgan.	Wages, November, 1912.	13 00
8826	..do.	The Alexander Lumber Co.	Lumber.	61 50
8827	..do.	The Creamery Journal.	Subscription.	1 00
8828	..do.	Henry Disston & Sons., Inc.	Saws.	3 90
8829	..do.	O. S. Fisher.	Expenses.	7 50
8830	..do.	American Hereford Journal.	Subscription.	1 00
8831	..do.	The Gardening Co.	..do.	2 00
8832	..do.	Burroughs Adding Machine Co.	Repairs.	1 00
8833	..do.	Champion Milk Cooler Co.	Hod.	2 00
8834	..do.	Whitall Tatum Co.	Laboratory supplies.	103 21
8835	..do.	Given Bros. & Nyberg.	Washing.	5 00
8836	..do.	The Orange Judd Co.	Subscription.	2 00
8837	..do.	The Gardiner's Chronicle.	..do.	8 75
8838	..do.	Macmillan & Co., Ltd.	..do.	15 00
8839	..do.	The Meat Trades' Journal Co., Ltd.	..do.	3 35
8840	..do.	Mark Lane Express, Ltd.	..do.	8 75
8841	..do.	The Brown Hoisting Machinery Co.	Materials.	54 45
8842	..do.	Federal Sign System.	Clusters.	17 98
8843	..do.	James H. Rice Co.	Glass.	38 14
8844	..do.	The Powers Regulator Co.	Labor and materials.	32 25
8845	..do.	P. P. Caproni & Bro.	Models.	127 75
8846	..do.	International Instrument Co.	Packings.	2 25
8847	..do.	Eimer & Amend.	Oven.	75 00
8848	..do.	General Chemical Co.	Chemical supplies.	17 23
8849	..do.	H. D. Oberdorfer.	Expenses.	6 59
8850	..do.	The Blymer Iron Works Co.	Mill.	18 75
8851	..do.	Jahn & Ollier Engraving Co.	Tracings.	22 70
8852	..do.	Gregory Electric Co.	Motor.	42 75
8853	..do.	Engineering News.	Advertising.	6 00
8854	..do.	The Frederick Post Co.	Materials.	6 60
8855	..do.	Westerlin & Campbell Co.	Fittings.	3 89
8856	..do.	Buffalo Meter Co.	Meter.	29 50
8857	..do.	The Torch Press.	Books.	27 31
8858	..do.	Egypt Exploration Fund.	..do.	160 06
8859	..do.	Newman F. McGirr.	Book.	3 00
8860	..do.	Illinois Book Exchange.	..do.	1 50
8861	..do.	Putman-Page Co., Inc.	Machine.	90 00
8862	..do.	John E. Scopes & Co.	Books.	14 84
8863	..do.	Western Carbon & Ribbon Co.	Coupon book.	4 67
8864	..do.	The Torsion Balance Co.	Scale.	23 00
8865	..do.	The Carswell Co., Ltd.	Book.	6 75
8866	..do.	Little-Brown & Co.	..do.	3 40
8867	..do.	The Varsity Print Shop.	Bulletins.	19 00
8868	..do.	American Ceramics Society.	Book.	4 66
8869	..do.	George M. Sternberg, Treasurer.	..do.	3 00
8870	..do.	The H. W. Wilson Co.	Books.	66 00
8871	..do.	Martinus Nijhoff.	..do.	13 92
8872	..do.	Agricultural Service Co.	..do.	21 00
8873	..do.	Government Printing & Stationery Office.	..do.	1 17
8874	..do.	Otto Harrassowitz.	..do.	28 95
8875	..do.	The Webster Mfg. Co.	Hardware, etc.	193 50
8876	..do.	Enterprise Mfg. Co. of Pennsylvania.	Grinders.	3 50
8877	..do.	French Battery & Carbon Co.	Batteries.	22 20
8878	..do.	General Electric Co.	Electric supplies.	10 53
8879	..do.	Green Engineering Co.	Tile, etc.	167 33
8880	..do.	Westinghouse Electric & Mfg. Co.	Cloth tape.	3 35
8881	..do.	Western Valve Co.	Valves, etc.	91 78
8882	..do.	Sengbusch Self-Closing Inkstand Co.	Inkstands.	8 00
8883	..do.	Clara A. Ricketts.	Salary, November, 1912.	43 20

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
8884	Dec. 7	Crane & Co.	Binders	\$ 4 35
8885	do	The Uncle Sam Oil Co. of Kansas	Oil	9 90
8886	do	The Hill & Griffith Co.	Supplies	10 05
8887	do	U. S. Reduction Co.	Metals	47 07
8888	do	Joseph T. Ryerson & Son	Steel	18 76
8889	do	Lemcke & Buechner	Books	57 74
8890	do	Grant Carpenter	Livery service	1 50
8891	do	John Reichard	Corn	153 07
8892	do	Fairbanks, Morse & Co.	Scale	122 50
8893	do	F. S. Burch & Co.	Tags	4 00
8894	do	Pasteur Laboratories of America	Tuberculin solution	10 40
8895	do	The Zenner Disinfectant Co.	Zenoleum	12 50
8896	do	Illinois Press Clipping Bureau	Services	5 00
8897	do	Walrus Mfg. Co.	Cases	97 10
8898	do	Bausch & Lomb Optical Co.	Laboratory apparatus	481 57
8899	do	Oldham Brothers	Drugs	10 50
8900	do	National Engraving Co.	Engraving	138 40
8901	do	L. C. Smith & Bros. Typewriter Co.	Rental and machines	130 00
8902	do	Henry H. Shufeldt & Co.	Alcohol	116 00
8903	do	Frison Carriage Shop	Labor and material	6 25
8904	do	Pantagraph Printing & Stationery Co.	Supplies	15 25
8905	do	W. W. Walls & Co.	Lumber, etc.	25 24
8906	do	Remington Typewriter Co.	Machines	94 00
8907	do	Western Electric Co.	Electric supplies	12 66
8908	do	Ernst Hertzberg & Sons	Books	76 34
8909	do	Twin City Roofing & Sheet Metal Works	Hardware	56 21
8910	do	Standard Oil Co.	Oil	74 88
8911	do	Jacquín & Co.	Blanks	7 00
8912	do	H. W. Johns-Manville Co.	Sundries	233 42
8913	do	Meyer & Wenthe	Stamps, etc.	3 65
8914	do	Jacob White	Labor	132 00
8915	do	Percival & Moorehead	Hardware	55 90
8916	do	A. C. McClurg & Co.	Books	273 75
8917	do	The Burr Co.	Labor and materials	129 05
8918	do	Walker & Mulliken	Furniture, etc.	270 81
8919	do	E. H. Sargent & Co.	Laboratory apparatus	469 56
8920	do	G. E. Stechert & Co.	Books	197 66
8921	Dec. 9	F. W. Muncie	Expenses	9 44
8922	do	The University Press	Printing	11 00
8923	do	Burt Hays	Billiard ball	1 00
8924	do	Kenney Bros. & Walkins	Cards	1 00
8925	do	The Urbana Courier Co.	Bulletins	6 75
8926	do	C. G. Conn	Cases	60 00
8927	do	Cable Piano Co.	Rental	12 00
8928	do	The Rudolph Wurlitzer Co.	Records	21 73
8929	do	C. C. Logan	Field expenses	73 45
8930	do	V. A. Place	Expenses	14 69
8931	do	J. W. Dunlap, Contractor	Final payment	89 50
8932	do	F. A. Pearson	Field expenses	26 98
8933	do	L. R. Lang	Expenses	5 82
8934	do	Freeman & Brooks, Contractors	Payment on contract	1,750 15
8935	do	Freeman & Brooks, Contractors	do	799 88
8936	do	Reliable Plumbing & Heating Co.	do	342 00
8937	do	B. S. Pickett	Field expenses	12 72
8938	do	R. Friedlander & Sohn	Books	9 16
8939	do	Henry Sotheran & Co.	Book	8 12
8940	do	C. S. Hill	Cow	325 00
8941	do	Hunter-Rourke & Co., Contractors	Payment on contract	328 67
8942	do	Webster Mfg. Co., Contractors	do	74 50
8943	do	F. C. Lincoln	Expenses	13 01
8944	do	Snead & Co. Iron Works	Book-cases	215 00
8945	do	C. H. Brownell	Booth	49 40
8946	do	Tebbo Tebben	Field expenses	29 10
8947	do	Wm. Aten, Sr.	do	30 38
8948	do	O. S. Fisher	do	342 22
8949	do	J. W. Smith	do	85 90
8950	do	Frank Morgan	do	55 30
8951	do	Albert Tate	do	41 50
8952	do	F. L. Hale	do	13 87
8953	do	Henry Pfau	do	47 19
8954	do	Kelley's Shoe Store	Boots	5 60
8955	do	H. I. Carpenter	Tuning	10 75
8956	do	Flanigan-Pearson Co.	Printing	325 20
8957	do	O. E. Staples, Chief Clerk	Freight	190 91
8958	do	O. E. Staples, Chief Clerk	Express	55 89
8959	Dec. 10	Bennetts Newspaper & Magazine Agency	Books, etc.	1,104 00
8960	do	G. J. Koons	Expenses	7 20
8961	do	E. L. Boyer	do	3 04
8962	do	Margaret Older	do	4 36

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
8963	Dec. 10	W. A. Richards.....	Expenses.....	\$ 8 44
8964	do.	Helen Day.....	do.	3 56
8965	do.	L. W. Robbins.....	do.	2 55
8966	do.	B. Ellen Drew.....	do.	5 86
8967	do.	Clara E. Ela.....	do.	5 42
8968	do.	F. M. Giles.....	do.	9 16
8969	do.	T. H. Ziegler.....	do.	6 13
8970	do.	C. S. Ford.....	do.	6 68
8971	do.	F. S. Needham.....	do.	6 54
8972	do.	G. A. Harper.....	do.	7 00
8973	do.	C. H. Elliott.....	do.	10 30
8974	do.	L. A. Fulwider.....	do.	7 50
8975	do.	Ellen M. Henrotin.....	do.	11 49
8976	do.	F. W. Cox.....	do.	13 18
8977	do.	C. R. Briggs.....	do.	11 60
8978	do.	Mina A. Maxey.....	do.	7 29
8979	do.	C. E. Lawyer.....	do.	13 08
8980	do.	C. E. Allen.....	do.	7 20
8981	do.	Clara I. Dailey.....	do.	3 56
8982	do.	W. O. Meissner.....	do.	5 14
8983	do.	H. A. Hollister.....	do.	28 77
8984	do.	Laura Frazeur.....	do.	5 00
8985	do.	F. A. Hawley.....	Concrete work.....	59 18
8986	do.	Ralph Hilscher.....	Expenses.....	34 79
8987	do.	John B. Bennett.....	Labor and material.....	43 20
8988	do.	Fred L. Hatch.....	Expenses.....	29 06
8989	Dec. 11	Ralph Chaplin.....	Straw.....	7 60
8990	do.	L. E. Foglesong.....	Expenses.....	9 88
8991	do.	B. S. Pickett.....	do.	3 97
8992	do.	O. S. Watkins.....	do.	18 90
8993	do.	C. M. McConn.....	do.	9 20
8994	do.	White Line Steam Laundry.....	Washing.....	22 44
8995	do.	C. S. Hill.....	Tuning piano.....	2 00
8996	do.	A. W. Nolan.....	Expenses.....	10 04
8997	do.	J. L. Gardner.....	do.	5 04
8998	do.	H. W. Mumford.....	Expenses.....	24 58
8999	do.	G. A. Garrison.....	Straw.....	256 25
9000	do.	G. L. Koch.....	Hay.....	678 79
9001	do.	The Dining Shop.....	Serving.....	15 00
9002	do.	O. W. Hampton.....	Oats.....	234 04
9003	do.	Eugene Manning.....	Supplies.....	1 05
9004	do.	U. & C. Railway, Gas & Electric Co.....	Gas.....	843 96
9005	do.	Electric Coal Co.....	Coal.....	2,386 33
9006	Dec. 12	City of Urbana.....	License.....	2 50
9007	do.	Kirkpatrick's University Store.....	Milk tickets.....	7 20
9008	do.	Economic Geology.....	Book.....	8 75
9009	do.	The Cudahy Packing Co.....	Soap-powder.....	12 00
9010	do.	The American Crayon Co.....	Crayons.....	20 00
9011	do.	Angler's Bait & Mfg. Co.....	Frogs.....	4 75
9012	do.	The Kny-Scheerer Co.....	Models.....	86 94
9013	do.	Dairyman & Farmer's Union Journal Co.....	Subscription.....	4 38
9014	do.	The Maher & Grosh Cutlery Co.....	Shears.....	24 00
9015	do.	Creamery Package Mfg. Co.....	Dairy supplies.....	75 15
9016	do.	The American Hackney Horse Society.....	Book.....	6 00
9017	do.	Freeman & Brooks.....	Concrete work.....	81 51
9018	do.	Link-Belt Co., Contractors.....	Payment on contract.....	2,872 00
9019	do.	Allsteelquip Co.....	Shelving.....	73 10
9020	do.	The Merlam Co.....	Gas fixtures.....	63 75
9021	do.	Electric Appliance Co.....	Electrical supplies.....	7 13
9022	do.	Dodge Mfg. Co.....	Couplings.....	36 50
9023	do.	The Reprint Co., Inc.....	Reprints.....	47 00
9024	do.	Burke & James, Inc.....	Photo supplies.....	7 50
9025	do.	Edward C. Schmidt.....	Expenses.....	7 95
9026	do.	The Gutta Percha & Rubber Mfg. Co.....	Hose.....	150 00
9027	do.	Eastman Kodak Co.....	Films and paper.....	8 50
9028	do.	W. H. Hogan.....	Hay.....	18 20
9029	do.	Little Brown & Co.....	Book.....	4 00
9030	do.	S. O. Andros.....	Field expenses.....	10 21
9031	do.	John W. Stipes.....	Labor and material.....	1,274 87
9032	do.	J. F. Umpleby, Contractor.....	do.	80 00
9033	do.	S. A. Connor & Sons.....	Tile.....	312 35
9034	do.	Champaign Seed Co.....	Seeds.....	34 64
9035	do.	The Sneed & Co. Iron Works.....	Metal shelving.....	364 00
9036	do.	Bacon Brothers.....	Supplies.....	23 21
9037	do.	The Alexander Lumber Co.....	Lumber.....	48 20
9038	do.	The Letter Shop.....	Multigraph work.....	31 20
9039	do.	Central Electric Co.....	Electric supplies.....	134 04
9040	do.	Eichen & Yousey.....	Services.....	1 50
9041	do.	J. G. Tolan.....	Steer.....	168 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
9042	Dec. 12	G. S. Ford	Books	\$ 20 71
9043	Dec. 14	O. E. Staples, Chief Clerk	Snyder deposit refunds	450 00
9044	do	O. E. Staples, Chief Clerk	Students' payroll	598 91
9045	do	Twin City Creamery Co.	Milk, etc.	17 73
9046	do	The Sefton Mfg. Co.	Supplies	36 19
9047	do	United States Audit Co.	Services and expenses	209 19
9048	do	The University Press	Printing	3 50
9049	do	Rosa-Lee Gaut	Wages, November, 1912	28 00
9050	do	20th Century Press Clipping Bureau	Clippings	2 50
9051	do	B. E. Powell	Expenses	12 04
9052	do	C. Anschicks	Beets	9 90
9053	do	J. V. Stevenson	Expenses	9 00
9054	do	J. L. Edmonds	do	21 04
9055	do	Walter H. Rowe	Labor	30 00
9056	do	James F. Umpleby	Hay	119 20
9057	do	The Phoenix Nursery Co.	Trees and plants	91 66
9058	do	The Van Dorn Iron Works Co.	Letter boxes	43 80
9059	do	Arthur H. Thomas Co.	Laboratory apparatus	42 55
9060	do	Houser & Sutton	Hay	171 31
9061	do	Freeman & Brooks, Contractors	Payment on contract	1,959 25
9062	do	A. W. Fischer	Expenses	45 67
9063	do	Universal Drafting Machine Co.	Instruments	53 75
9064	do	A. W. Jobbins-Pomeroy	Turles	10 00
9065	do	W. W. Lindley, Postmaster	Postage	50 00
9066	do	Southern Illinois Penitentiary	L. S. dust	18 00
9067	do	L. C. Smith & Bros. Typewriter Co.	Machine	70 00
9068	do	W. G. Stromquist	Expenses	15 44
9069	do	The Taylor Hardware Co.	Tin tubes	9 00
9070	Dec. 16	Twin City Roofing & Sheet Metal Works	Metal supplies	38 41
9071	do	E. W. Sampson	Rent and harness supplies	72 55
9072	do	E. H. Sargent & Co.	Laboratory supplies	367 20
9073	do	G. W. Sheldon & Co.	Duties, etc.	54 23
9074	do	Spencer Lens Co.	Instruments	97 33
9075	do	University Club of Urbana & Champaign	Entertaining	50 80
9076	do	Twin City Printing Co.	Stamps, etc.	4 25
9077	Dec. 17	V. A. Ketcham	Expenses	135 40
9079	do	A. L. A. Publishing Board	Books	5 00
9079	do	Chicago Cork Works Co.	Tapers	64 25
9080	do	F. H. Rankin	Expenses	152 89
9081	do	Automatic Electric Co.	Electrical supplies	27 50
9082	do	Imperial Cotto Milling Co.	Tankage	208 50
9083	do	Chicago Calcium Light Co.	Gas	6 25
9084	do	Corbin Cabinet Lock Co.	Keys	8 51
9085	do	The A. Burdsal Co.	Dryer	3 75
9086	do	The American Clay Machinery Co.	Machinery	481 13
9087	do	Fuller & Fuller Co.	Ether	98 75
9088	do	Brown & Sharpe Mfg. Co.	Calipers	11 80
9089	do	The Foley Mfg. Co., Contractors	Payment on contract	3,825 00
9090	do	C. J. Welch, Contractor	do	1,020 00
9091	do	Callaghan & Co.	Books	7 50
9092	do	H. W. Johns-Manville Co., Contractors	Payment on contract	600 00
9093	do	The Babcock & Wilcox Co.	Tubes	29 00
9094	do	Chicago Fuse Mfg. Co.	Fuses	28 25
9095	do	The Carborundum Co.	Wheels	10 77
9096	do	The G. A. Gray Co.	Feed rack	6 00
9097	do	George Poll	Labor and services	27 69
9098	do	L. D. Hall	Expenses	22 90
9099	do	J. B. Andrews	do	23 49
9100	do	Edward Bartow	do	36 57
9101	Dec. 18	Ernst Leitz	Microscope	15 10
9102	do	Kilborn Photo-Paper Co.	Paper	1 97
9103	do	Illinois Motor Car Sales Co.	Livery	5 50
9104	do	Illinois Press Clipping Bureau	Services	5 00
9105	do	McIntosh Stereoptican Co.	Apparatus	13 35
9106	do	The V. D. Anderson Co.	Steam trap	32 25
9107	do	Rand McNalley & Co.	Map	3 76
9108	do	Edward Orton, Jr.	Reprints	80 75
9109	do	A. W. Stoolman, Contractor	Payment on contract	5,525 00
9110	do	American LaFrance Fire Engine Co.	Brass rings	4 80
9111	do	Crucible Steel Co. of America	Steel	40 30
9112	do	The Lunkenhimer Co.	Grease cups	1 04
9113	do	John Armstrong Lime & Quarry Co.	Limestone	41 57
9114	do	Knowlton & Bennett	Drugs, etc.	33 90
9115	do	Illinois State Penitentiary	Furniture	97 60
9116	do	A. C. McClurg & Co.	Books	33 93
9117	do	Crane Co.	Supplies	52 16
9118	do	Keuffell & Esser Co.	Apparatus	24 75
9119	do	M. G. Kibbe	Supplies	1 05
9120	do	Federal Sign System	Electric fixtures	84 87

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1912.				
9121	Dec. 18	F. M. Leslie	Framing pictures	\$ 21 35
9122	..do.	The Burr Co.	Hardware, etc.	102 46
9123	..do.	Leavitt Mfg. Co.	Trolley, pump, etc.	323 32
9124	..do.	J. W. Butler Paper Co.	Paper	58 17
9125	..do.	Flanigan-Pearson Co.	Printing	82 30
9126	..do.	General Electric Co.	Electrical apparatus	58 24
9127	..do.	C. H. Besly & Co.	Hardware	42 18
9128	..do.	Green Street Pharmacy	Supplies	12 40
9129	..do.	Gaylord Bros.	Binders	54 50
9130	..do.	P. Adams	Hauling	65 86
9131	..do.	Addressograph Co.	Addresses	42 18
9132	..do.	The C. A. Hall Hardware Co.	Hardware	51 87
9133	..do.	W. C. Zimmerman	Professional service	2,330 40
9134	..do.	Weston Electrical Instrument Co.	Repairing	5 35
9135	..do.	The Garlock Packing Co.	Ring packing	46 70
9136	..do.	J. M. White	Expenses	17 29
9137	..do.	Montgomery Ward & Co.	Blackboards	2 36
9138	..do.	J. C. Christensen	Expenses	27 90
9139	..do.	Jacob White	Plastering	23 00
9140	..do.	M. B. McNutt	Prints	1 25
9141	..do.	The Mallory Studio	Slides	1 72
9142	..do.	Twin City Roofing & Sheet Metal Works	Labor and materials	18 00
9143	..do.	The Sneed & Co. Iron Works, Inc.	Shelving	284 00
9144	..do.	Shavings & Sawdust Co.	Shavings	90 90
9145	..do.	J. H. Rhodes & Co.	Chloride	10 50
9146	..do.	Reliable Plumbing & Heating Co., Contractors	Payment on contract	675 00
9147	..do.	Eisner Grocery Co.	Paper	3 68
9148	..do.	Louis Ely & Co.	Repairing	6 50
9149	..do.	National Regulator Co.	Labor and material	19 75
9150	..do.	Goder-Helmann Co.	Models	42 50
9151	..do.	Eimer & Amend	Chemicals	7 79
9152	..do.	The Lind Air Products Co.	Oxygen	4 00
9153	..do.	The Leeds & Northrup Co.	Thermometer	48 00
9154	..do.	W. B. Read & Co.	Paper	3 00
9155	..do.	Eggle Stamp Works	Stamps	1 05
9156	..do.	Walker Vehicle Co.	Jars	7 20
9157	..do.	The Storrs & Harrison Co.	Plants	6 25
9158	..do.	The Western Gas Fixture Co.	Fixtures	36 17
9159	..do.	The Varsity Print Shop	Printing	21 00
9160	..do.	F. C. Lincoln	Expenses	7 59
9161	..do.	J. W. Clapp	..do.	9 80
9162	..do.	W. W. Hatfield	..do.	4 80
9163	..do.	J. F. Hosie	..do.	6 10
9164	..do.	C. M. Wirick	..do.	8 04
9165	..do.	W. E. Tower	..do.	5 00
9166	..do.	H. E. Brown	..do.	6 20
9167	..do.	A. L. Odenweller	..do.	6 00
9168	..do.	R. L. Sandwick	..do.	6 00
9169	..do.	R. W. Pringle	..do.	6 64
9170	..do.	J. C. Marberry	..do.	4 36
9171	..do.	Dry Grove Farmers' Grain Co.	Corn	525 00
9172	..do.	W. B. Saunders Co.	Book	3 00
9173	..do.	W. N. Rudd	Expenses	18 88
9174	..do.	W. S. Perrine	..do.	17 05
9175	..do.	Curtis & Co. Mfg. Co.	Castings	2 25
9176	..do.	Army & Navy Register	Subscription	3 00
9177	..do.	John B. Bennett	Tile	23 00
9178	..do.	Bryan Marsh Electric Works	Electrical apparatus	117 15
9179	..do.	Freeman & Brooks, Contractors	Payment on contract	552 50
9180	..do.	Wilhelm Miller	Expenses	43 64
9181	..do.	Beers & Clinkenbeard	Premiums	15 00
9182	..do.	H. P. Rusk	Expenses	44 24
9183	..do.	L. A. Hunter	..do.	8 08
9184	..do.	L. H. Smith	..do.	72 25
9185	..do.	W. H. Galliher	Field expenses	146 38
9186	..do.	W. J. Fraser	Expenses	44 69
9187	..do.	O. S. Watkins	Field expenses	9 43
9188	..do.	J. H. Carter	..do.	41 35
9189	..do.	F. D. Long	..do.	86 00
9190	..do.	Alfred Bergren	..do.	39 30
9191	..do.	A. L. Moats	Expenses	29 74
9192	..do.	Fred Falk	..do.	86 39
9193	..do.	G. W. Matheny	..do.	70 55
9194	..do.	C. V. Gregory	..do.	6 74
9195	..do.	H. C. Wheeler	..do.	240 20
9197	..do.	J. E. Whitechurch	..do.	112 55
9197	..do.	Twin City Feed Mill & Coal Yard	Grinding corn	4 50
9198	..do.	Fred Pine	Expenses	15 54



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
9199	Dec. 18	J. F. Garrett.	Expenses.	\$ 3 30
9200	do.	H. F. Ferguson.	do.	53 95
9201	do.	D. H. Loyde.	Stationery, etc.	5 06
9202	do.	J. H. Doyle.	Hardware.	27 58
9203	do.	Metzler & Schafer Co.	Groceries.	71 73
9204	do.	Bacon Brothers.	Paper and paints.	28 50
9205	do.	R. C. Wagner & Son.	Hauling and coal.	26 41
9206	do.	Reliable Plumbing & Heating Co.	Pipe and supplies.	141 62
9207	do.	G. C. Willis.	Dry goods.	27 00
9208	do.	Standard Oil Co.	Oil.	35 97
9209	do.	S. C. Tucker.	Drugs.	5 20
9210	do.	Meyer & Wenthe.	Stamps.	4 70
9211	do.	W. W. Walls & Co.	Lumber, etc.	41 52
9212	do.	J. C. Thomas.	Hardware.	12 05
9213	do.	Wm. Price Estate.	Supplies.	27 05
9214	do.	J. B. Clow & Son.	Pipe.	101 04
9215	do.	The Taylor Hardware Co.	Hardware.	12 92
9216	do.	Walker & Mulliken.	Furniture.	442 32
9217	do.	C. F. Witt.	Harness and repairs.	139 23
9218	do.	Western Carbon & Ribbon Co.	Paper and ribbons.	5 67
9219	do.	Mills Electric Co.	Wire braid.	42 27
9220	do.	Central Electric Co.	Electrical supplies.	48 86
9221	do.	The Alexander Lumber Co.	Lumber.	88 05
9222	do.	J. W. Amrine.	Hay.	685 93
9223	do.	H. F. Chester.	Livery.	40 67
9224	do.	Twin City Printing Co.	Supplies.	9 50
9225	do.	J. M. Whire.	Expenses.	35 36
9226	Dec. 19	Universal Portland Cement Co.	Cement.	40 00
9227	do.	The J. F. Burnham Hospital.	Bills.	243 50
9228	do.	L. F. Nafis.	Bottles.	7 50
9229	do.	Henry Vogt Machine Co.	Valves.	2 55
9230	do.	The American Clay Machinery Co.	Table.	168 75
9231	do.	The Thermal Syndicate, Ltd.	Apparatus.	4 16
9232	do.	R. W. Paul.	Telephone.	14 90
9233	do.	Twin City Electric Co.	Electrical supplies.	13 00
9234	do.	E. E. Sandall.	Expenses.	32 53
9235	do.	V. E. Spencer.	do.	26 22
9236	do.	H. A. Cate.	do.	28 67
9237	do.	A. F. Krueger.	do.	7 90
9238	do.	G. W. Beardsley.	do.	7 52
9239	do.	A. S. Ambrose.	do.	14 76
9240	do.	John Balcom.	Expenses.	8 18
9241	do.	A. Ten Broeck.	do.	12 08
9242	do.	L. H. Lang.	do.	2 44
9243	do.	L. M. Wakeley.	do.	6 36
9244	do.	H. A. DeWerff.	do.	31 66
9245	do.	R. C. Kastler.	do.	30 28
9246	do.	The Ashcroft Mfg. Co.	Pulleys.	10 67
9247	do.	The New Departure Mfg. Co.	Bearings.	16 80
9248	do.	Novo Engine Co.	Carburetor.	4 00
9249	do.	Paul Hansen.	Expenses.	41 54
9250	do.	Twin City Ice & Cold Storage Co.	Ice.	96 75
9251	do.	The Urbana Courier Co.	Bulletins.	25 00
9252	do.	Oldham Bros.	Supplies.	11 00
9253	do.	National Engraving Co.	Half tones.	29 85
9254	do.	A. S. Nelson & Sons.	Groceries.	6 64
9255	do.	Mittendorf & Kiler.	Furniture.	163 65
9256	do.	American Radiator Co.	Supplies.	67 44
9257	do.	J. T. Baker Chemical Co.	Chemicals.	96 07
9258	do.	C. J. Welch.	Labor and materials.	610 67
9259	do.	J. C. B. Heaton.	Apples.	7 50
9260	do.	L. R. Emory.	do.	5 30
9261	do.	F. L. Stevens.	Expenses.	79 80
9262	do.	W. H. Calliher.	Freight.	19 87
9263	do.	Pantagraph Printing & Stationery Co.	Paper and printing.	1,339 18
9264	do.	A. W. Stoolman, Contractor.	Payment on contract.	3,203 80
9265	Dec. 20	A. J. Herbolzheimer.	Services and expenses.	27 73
9266	do.	P. S. Pierce.	Expenses.	13 97
9267	do.	R. L. Moorehead.	do.	8 82
9268	do.	Arthur Semple.	do.	5 94
9269	do.	J. A. Fletcher.	do.	7 75
9270	do.	R. F. Shaffer.	do.	8 40
9271	do.	J. M. White.	do.	24 12
9272	do.	H. D. Oberdorfer.	do.	10 24
9273	do.	Mittendorf & Kiler.	Payment on contract.	700 00
9274	do.	F. L. Washburn.	Expenses.	19 80
9275	do.	H. H. Stoeck.	do.	8 90
9276	do.	H. A. Hollister.	do.	34 60
9277	do.	F. W. Gault.	do.	64 32

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
9278	Dec. 20	C. A. Campbell	Expenses	\$ 67 35
9279	..do.	R. W. Dickenson	..do.	87 98
9280	..do.	Elmer Musgrove	..do.	275 50
9281	..do.	C. I. Newlin	Wages, December, 1912	75 00
9282	..do.	W. G. Stromquist	Expenses	20 35
9283	Dec. 21	Marshall Field & Co.	Brushes	14 60
9284	..do.	American Concentrator Co.	Laboratory machinery	420 57
9285	Dec. 23	C. G. Winn	Expenses	10 82
9286	..do.	J. M. Tanner	..do.	6 75
9287	..do.	J. F. Stout	..do.	15 00
9288	..do.	L. W. Duncan	Wages, November 20 to December 31, 1912	100 00
9289	..do.	F. M. Simpson	Expenses	26 69
9290	..do.	J. M. White	..do.	12 88
9291	..do.	The Hispanic Society of America	Books	3 92
9292	..do.	C. V. Ritter	..do.	1 00
9293	..do.	J. L. Edmonds	Expenses	6 55
9294	..do.	C. P. Briggs	..do.	11 04
9295	..do.	T. W. Galloway	..do.	17 73
9296	..do.	Alice Terganza	..do.	1 92
9297	..do.	H. F. Miller	..do.	7 50
9298	..do.	T. J. McCormack	..do.	5 32
9299	..do.	B. C. Moore	..do.	2 00
9300	..do.	Celestine Rice	..do.	1 90
9301	..do.	Augusta Krieger	..do.	2 15
9302	..do.	T. J. Burrill	Allowance, December, 1912	250 00
9303	..do.	McKay & Pogue, Agents	Rental	500 00
9304	..do.	S. V. Holt	Expenses	13 57
9305	..do.	Wm. Sweatman	Field expenses	124 20
9306	..do.	J. A. Rumer	..do.	27 00
9307	..do.	A. L. Moats	..do.	3 00
9308	..do.	F. W. Garrett	Expenses	32 40
9309	..do.	John Berlin	Field expenses	76 07
9310	..do.	D. H. Stevenson	Expenses	39 23
9311	..do.	Edward Bartow	..do.	54 70
9312	..do.	Ernst Hertzberg & Sons	Bookbinding	222 92
9313	..do.	G. E. Stechert & Co.	Books	274 55
9314	..do.	The Burgess Stock Farm	Stallion	2,100 00
9315	..do.	Oliver Kamm	Services	30 00
9316	..do.	G. E. Stechert & Co.	Books	413 79
9317	..do.	A. C. McClurg & Co.	..do.	145 50
9318	..do.	L. R. Bryant	Apples	2 00
9319	..do.	O. M. McElvain	..do.	2 00
9320	..do.	F. L. Busey	Expenses	8 54
9321	..do.	G. E. Frazer	..do.	19 12
9322	..do.	G. B. Utley	Lecture and expenses	25 00
9323	..do.	Louis B. Malecki & Co.	Supplies	6 60
9324	..do.	Geo. H. Rudy	Coops	13 00
9325	..do.	Dryer & Burt	Oats	28 90
9326	..do.	N. W. Hepburn	Expenses	3 33
9327	..do.	D. O. Barto	..do.	25 56
9328	..do.	D. C. Morrissey	Canvas	50 00
9329	..do.	The Powers Regulator Co.	Apparatus	50 00
9330	..do.	L. A. Spies	Expenses	10 45
9331	..do.	Chas. Gilkerson	..do.	11 53
9332	..do.	Smith-Totman Co.	Payment on contract	350 75
9333	..do.	G. C. Habermeyer	Expenses	8 82
9334	..do.	F. M. Mann	..do.	75 05
9335	..do.	P. Adams	Teaming, etc.	45 15
9336	..do.	W. G. Griffith	Field expenses	174 01
9337	..do.	Odin Coal Co.	..do.	498 20
9338	..do.	J. F. Johnson	..do.	65 00
9339	..do.	A. E. Morris	..do.	64 25
9340	..do.	J. H. Smith	..do.	64 90
9341	..do.	J. R. Wells	Expenses	2 92
9342	..do.	H. F. Ferguson	..do.	10 35
9343	..do.	W. G. Stromquist	..do.	14 25
9344	..do.	A. L. Epstein	..do.	4 35
9345	..do.	Ralph Hilscher	..do.	27 41
9346	..do.	Electric Coal Co.	Coal	160 65
9347	..do.	Watson Faulkner	Drugs, etc.	6 00
9348	..do.	V. R. Barnes	Wages, December, 1912	94 80
9349	..do.	Frances McClughen	..do.	50 51
9350	..do.	P. Adams	Hauling, etc.	52 69
9351	Dec. 31	D. A. Abrams	Salary, December, 1912	133 33
9352	..do.	C. C. Adams	..do.	137 50
9353	..do.	R. M. Alden	..do.	333 33
9354	..do.	W. C. Allee	..do.	120 00
9355	..do.	C. H. Allen	..do.	30 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
9356	Dec. 31, 1912.	C. W. Alvord.....	Salary, December, 1912.....	\$145 83
9357	do.....	L. E. Anderson.....	do.....	208 33
9358	do.....	S. O. Andros.....	do.....	150 00
9359	do.....	June M. Ashley.....	do.....	30 00
9360	do.....	Ruth S. Atwell.....	do.....	60 00
9361	do.....	G. D. Bagley.....	Scholarship, December, 1912.....	25 00
9362	do.....	W. C. Bagley.....	Salary, December, 1912.....	291 66
9363	do.....	Margaret L. Bailey.....	Fellowship, December, 1912.....	50 00
9364	do.....	W. H. Bair.....	Salary, December, 1912.....	50 00
9365	do.....	L. O. Baker.....	do.....	333 33
9366	do.....	R. E. Baker.....	do.....	30 00
9367	do.....	E. C. Baldwin.....	do.....	150 00
9368	do.....	C. W. Balke.....	do.....	153 33
9369	do.....	Bronson Barlow.....	do.....	50 00
9370	do.....	Parry Barger.....	do.....	30 00
9371	do.....	J. T. Barrett.....	do.....	58 33
9372	do.....	H. H. Bartells.....	do.....	50 00
9373	do.....	P. S. Barto.....	do.....	100 00
9374	do.....	H. J. Barton.....	do.....	250 00
9375	do.....	Edward Bartow.....	do.....	291 66
9376	do.....	S. J. Bates.....	do.....	100 00
9377	do.....	P. J. Batkin.....	do.....	100 00
9378	do.....	W. S. Bayley.....	do.....	157 50
9379	do.....	G. D. Beal.....	do.....	120 00
9380	do.....	J. H. Beard.....	do.....	120 00
9381	do.....	J. B. Beck.....	do.....	166 66
9382	do.....	J. E. Bail.....	do.....	60 00
9383	do.....	B. W. Benedict.....	do.....	291 66
9384	do.....	Madison Bentley.....	do.....	250 00
9385	do.....	E. J. Berg.....	do.....	333 33
9386	do.....	Daisy L. Blaisdell.....	do.....	100 00
9387	do.....	D. S. Blondheim.....	do.....	116 66
9388	do.....	Leonard Bloomfield.....	do.....	120 00
9389	do.....	B. R. Bode.....	do.....	250 00
9390	do.....	E. L. Bogart.....	do.....	250 00
9391	do.....	G. P. Boonshtier.....	do.....	130 00
9392	do.....	Ethel Bond.....	do.....	83 33
9393	do.....	R. L. Borge.....	do.....	125 00
9394	do.....	C. V. Boyer.....	do.....	60 00
9395	do.....	R. O. Brigham.....	do.....	30 00
9396	do.....	Alice D. Brooks.....	do.....	250 00
9397	do.....	Morgan Brooks.....	do.....	80 00
9398	do.....	Verna Brooks.....	do.....	80 00
9399	do.....	Elizabeth P. Brush.....	do.....	150 00
9400	do.....	J. M. Bryant.....	do.....	110 00
9401	do.....	W. A. Buchen.....	do.....	150 00
9402	do.....	A. M. Buck.....	do.....	118 66
9403	do.....	S. J. Buck.....	do.....	166 66
9404	do.....	W. E. Burge.....	do.....	120 00
9406	do.....	S. C. Burton.....	do.....	80 00
9407	do.....	L. V. Burton.....	do.....	120 00
9408	do.....	A. S. Byers.....	do.....	116 66
9409	do.....	H. V. Canter.....	do.....	333 33
9410	do.....	A. P. Carman.....	do.....	208 33
9411	do.....	D. H. Carnahan.....	do.....	166 66
9412	do.....	F. W. Carpenter.....	do.....	75 00
9413	do.....	G. E. Carsallen.....	do.....	125 00
9414	do.....	H. Y. Carson.....	do.....	100 00
9415	do.....	Roy Carter.....	do.....	100 00
9416	do.....	E. W. Chittenden.....	do.....	120 00
9417	do.....	A. H. Clark.....	do.....	150 00
9418	do.....	C. R. Clark.....	do.....	166 66
9419	do.....	K. A. Clark.....	do.....	30 00
9420	do.....	T. A. Clark.....	do.....	416 66
9421	do.....	L. D. Coffman.....	do.....	250 00
9422	do.....	Alexander Cohn.....	do.....	10 00
9423	do.....	A. C. Cole.....	do.....	130 00
9424	do.....	Vida L. Collins.....	do.....	90 00
9425	do.....	H. W. Colson.....	do.....	100 00
9426	do.....	A. F. Comstock.....	do.....	150 00
9427	do.....	H. P. Corson.....	do.....	100 00
9428	do.....	F. K. Cowley.....	do.....	120 00
9429	do.....	Jennie A. Craig.....	do.....	75 00
9430	do.....	A. R. Craiborne.....	do.....	141 66
9431	do.....	H. L. Creek.....	do.....	120 00
9432	do.....	B. H. Crowder.....	do.....	15 00
9433	do.....	W. E. Cummins.....	do.....	15 00
9434	do.....	Florence R. Curtis.....	do.....	110 00

GENERAL UNIVERSITY WARRANTS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
9435	Dec. 31, 1912.	A. H. Daniels.	Salary, December, 1912.	\$300 00
9436	do.	Juanita E. Darrah.	do.	10 00
9437	do.	R. E. Davis.	do.	100 00
9438	do.	B. S. Davidson.	do.	50 00
9439	do.	W. B. Day.	do.	208 33
9440	do.	E. R. Decker.	do.	250 00
9441	do.	J. A. Dent.	do.	150 00
9442	do.	W. W. Denton.	do.	120 00
9443	do.	C. G. Derick.	do.	141 66
9444	do.	E. R. Dewsnup.	do.	250 00
9445	do.	J. K. Ditchy.	do.	80 00
9446	do.	W. F. Dodd.	do.	166 66
9447	do.	D. K. Dodge.	do.	250 00
9448	do.	G. W. Lowrie.	do.	90 00
9449	do.	F. K. W. Drury.	do.	166 66
9450	do.	F. O. Dufour.	do.	166 66
9451	do.	J. C. Duncan.	do.	229 16
9452	do.	R. S. Dunham.	do.	90 00
9453	do.	Fannie Dunlap.	do.	10 00
9454	do.	H. H. Dunn.	do.	55 00
9455	do.	R. A. Dutcher.	do.	91 66
9456	do.	H. S. Eames.	do.	60 00
9457	do.	W. C. Eels.	do.	60 00
9458	do.	B. L. Eicher.	Fellowship, December, 1912.	50 00
9459	do.	W. E. Ekblaw.	Salary, December, 1912.	100 00
9460	do.	Frederick Ellis.	do.	60 00
9461	do.	Arnold Emch.	do.	60 00
9462	do.	M. L. Enger.	do.	130 00
9463	do.	E. W. Engle.	do.	50 00
9464	do.	N. E. Ensign.	do.	50 00
9465	do.	John A. Farlee.	do.	140 00
9466	do.	Bernard Fantus.	do.	60 00
9467	do.	R. N. Fargo.	do.	120 00
9468	do.	S. P. Farwell.	do.	250 00
9469	do.	E. C. Farwell.	do.	50 00
9470	do.	Mary M. Favcett.	do.	140 00
9471	do.	Winifred Ferrenkamp.	do.	60 00
9472	do.	Emma Felsenthal.	do.	166 66
9473	do.	H. F. Ferguson.	do.	70 00
9474	do.	H. E. Fiero.	do.	75 00
9475	do.	E. J. Filbey.	do.	60 00
9476	do.	I. W. Fisk.	do.	60 00
9477	do.	J. D. Fitz Gerald II.	do.	45 00
9478	do.	E. B. Flanagan.	do.	166 66
9479	do.	F. L. Fleener.	do.	120 00
9480	do.	V. R. Fleming.	do.	80 00
9481	do.	C. H. Fletcher.	do.	125 00
9482	do.	G. T. Flom.	do.	15 00
9483	do.	J. W. Folsom.	do.	208 33
9484	do.	S. A. Forbes.	do.	166 66
9485	do.	G. S. Ford.	do.	41 66
9486	do.	J. A. Fisk.	do.	250 00
9487	do.	Edward Fulton.	do.	91 66
9488	do.	J. W. Garner.	do.	175 00
9489	do.	N. B. Garner.	do.	250 00
9490	do.	E. N. Gathercoal.	do.	150 00
9491	do.	Rosa-Lee Gault.	do.	100 00
9492	do.	H. L. Gill.	do.	35 00
9493	do.	C. E. Gillett.	do.	200 00
9494	do.	Hugh Glasgow.	do.	30 00
9495	do.	E. A. Glanz.	do.	30 00
9496	do.	H. F. Godtke.	do.	60 00
9497	do.	Julius Goebel.	do.	10 00
9498	do.	H. F. Gounerman.	do.	120 83
9499	do.	G. A. Goodman.	do.	270 83
9500	do.	F. M. Goodman.	do.	120 00
9501	do.	T. G. Goodwin.	do.	250 00
9502	do.	P. S. Goulding.	do.	100 00
9503	do.	W. F. M. Goss.	do.	90 00
9504	do.	Bessie R. Green.	do.	500 00
9505	do.	Frederick Green.	do.	133 33
9506	do.	E. B. Greene.	do.	60 00
9507	do.	J. E. Gutberlet.	do.	291 66
9508	do.	Alta Gwynn.	do.	157 50
9509	do.	G. C. Haermeyer.	do.	187 50
9510	do.	H. F. Hadley.	do.	125 00
9511	do.	Stella M. Hague.	do.	80 00
9512	do.		Fellowship, December, 1912.	141 66
9513	do.		Salary, December, 1912.	50 00
				80 00

• GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
9514	Dec. 31, 1912.	H. G. Hake.	Salary, December, 1912.	\$ 120 00
9515	do.	W. G. Hale.	do.	250 00
9516	do.	R. G. Hall.	do.	30 00
9517	do.	L. G. Hana.	do.	170 00
9518	do.	Paul Hansen.	do.	250 00
9519	do.	Sada Harberger.	do.	90 00
9520	do.	A. A. Harding.	do.	150 00
9521	do.	O. A. Harker.	do.	333 33
9522	do.	E. C. Hayes.	do.	233 33
9523	do.	C. M. Hebbert.	do.	60 00
9524	do.	G. W. Heitkamp.	do.	40 00
9525	do.	F. E. Held.	do.	50 00
9526	do.	W. S. Hendrix.	do.	85 00
9527	do.	Margaret Herdman.	do.	75 00
9528	do.	R. W. Hess.	do.	30 00
9529	do.	C. K. Hewes.	do.	50 00
9530	do.	F. E. Hill.	do.	40 00
9531	do.	Ralph Hilscher.	do.	100 00
9532	do.	M. E. Hinds.	do.	60 00
9533	do.	Wilhelm Hirschkind.	do.	80 00
9534	do.	Jacob Hodnefeld.	do.	100 00
9535	do.	M. A. Hollitshead.	do.	100 00
9536	do.	H. A. Hollister.	do.	40 00
9537	do.	E. E. Hollman.	do.	40 00
9538	do.	B. R. Honovski.	do.	223 16
9539	do.	B. S. Hopkins.	do.	60 00
9540	do.	J. W. Hornbeck.	do.	60 00
9541	do.	C. F. Hottes.	do.	120 00
9542	do.	H. A. Houston.	do.	100 00
9543	do.	J. E. Huber.	Fellowship, December, 1912.	50 00
9544	do.	H. L. Huenink.	Scholarship, December, 1912.	25 00
9545	do.	G. A. Huff.	Salary, December, 1912.	50 00
9546	do.	R. K. Hursh.	do.	250 00
9547	do.	Margaret Hutchins.	do.	100 00
9548	do.	Edmund J. James.	do.	100 00
9549	do.	L. V. James.	do.	100 00
9550	do.	C. E. Janvin.	do.	37 50
9551	do.	Alice Johnson.	do.	70 00
9552	do.	McElroy Johnston.	do.	170 00
9553	do.	H. S. V. Jones.	do.	180 00
9554	do.	Isabel Jones.	do.	130 00
9555	do.	L. T. Jones.	do.	110 00
9556	do.	Ralph Jones.	do.	85 00
9557	do.	R. C. Jones.	do.	90 00
9558	do.	R. T. Jones.	do.	180 00
9559	do.	H. H. Jordan.	do.	140 00
9560	do.	J. C. Jordan.	do.	100 00
9561	do.	Emma R. Jutton.	do.	100 00
9562	do.	J. B. Kaiser.	do.	100 00
9563	do.	Oliver Kamm.	do.	60 00
9564	do.	Eleanor G. Karsten.	do.	100 00
9565	do.	C. F. Kelley.	do.	130 00
9566	do.	J. M. Kellog.	do.	140 00
9567	do.	Ruth Kelo.	do.	80 00
9568	do.	Ernst Kessler.	do.	60 00
9569	do.	A. J. Kempner.	do.	60 00
9570	do.	R. E. Kennedy.	do.	100 00
9571	do.	V. A. Ketcham.	do.	130 00
9572	do.	Arthur Bierman.	do.	150 00
9573	do.	A. H. Kimball.	do.	60 00
9574	do.	S. F. Kimball.	do.	140 00
9575	do.	Margaret L. Kingsbury.	do.	120 00
9576	do.	David Kinley.	do.	75 00
9577	do.	Florence M. Kirkup.	do.	500 00
9578	do.	C. T. Klupp.	do.	100 00
9579	do.	J. F. Kohout.	do.	208 33
9580	do.	A. H. Koller.	do.	10 00
9581	do.	A. P. Kratz.	do.	100 00
9582	do.	E. V. Kratz.	Scholarship, December, 1912.	25 00
9583	do.	A. C. Krey.	do.	140 00
9584	do.	Jakob Kunz.	Salary, December, 1912.	208 33
9585	do.	Martha J. Kyle.	do.	120 00
9586	do.	E. J. Lake.	do.	150 00
9587	do.	W. F. Langelier.	do.	100 00
9588	do.	Marion C. Landee.	do.	90 00
9589	do.	E. T. Latham.	do.	105 00
9590	do.	L. M. Larson.	do.	216 66
9591	do.	H. H. Lauer.	do.	160 00
9592	do.	T. E. Laying.	do.	30 00

GENERAL UNIVERSITY WARRANTS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
9593	Dec. 31 1912.	Eugene Leslie.	Salary, December, 1912.	\$ 10 00
9594	do.	O. E. Lesing.	do.	253 33
9595	do.	O. A. Luetwyler.	do.	200 00
9596	do.	I. H. Lillibet.	do.	90 00
9597	do.	F. C. Lincoln.	do.	166 66
9598	do.	R. H. Linkins.	do.	30 00
9599	do.	C. M. Linsley.	do.	21 66
9600	do.	Shum Litman.	do.	133 33
9601	do.	F. C. Loring.	do.	120 00
9602	do.	C. A. Ludwig.	do.	30 00
9603	do.	H. T. Lundquist.	do.	50 00
9604	do.	E. B. Lytle.	do.	133 33
9605	do.	Ellen S. McCarthy.	do.	120 00
9606	do.	Lots D. McCobb.	do.	90 00
9607	do.	A. B. McDaniel.	do.	208 33
9608	do.	Rudolph McDermet.	Fellowship, December, 1912.	550 00
9609	do.	D. G. McFarland.	Salary, December, 1912.	150 00
9610	do.	C. G. MacArthur.	do.	150 00
9611	do.	Wallace MacFarlane.	Fellowship, December, 1912.	30 00
9612	do.	A. D. MacGillivray.	Salary, December, 1912.	208 33
9613	do.	D. A. MacInnis.	do.	120 00
9614	do.	C. W. Malcolm.	do.	150 00
9615	do.	G. A. Maney.	Fellowship, December, 1912.	50 00
9616	do.	E. J. Manley.	Salary, December, 1912.	77 77
9617	do.	F. W. Marquis.	do.	333 33
9618	do.	O. R. Martin.	do.	150 00
9619	do.	M. S. Mason.	do.	110 00
9620	do.	J. M. Mathews.	Fellowship, December, 1912.	50 00
9621	do.	G. M. Meyer.	Salary, December, 1912.	133 33
9622	do.	E. B. Millard.	do.	208 33
9623	do.	F. H. Millard.	do.	60 00
9624	do.	G. A. Miller.	do.	60 00
9625	do.	H. W. Miller.	do.	110 00
9626	do.	R. N. Miller.	do.	110 00
9627	do.	W. S. Miller.	do.	250 00
9628	do.	C. M. Mills.	do.	150 00
9629	do.	Brahmnd Mitchell, Jr.	do.	35 00
9630	do.	Margaret Mitchell.	do.	125 00
9631	do.	F. W. Mohlman.	do.	208 33
9632	do.	H. C. Moore.	do.	130 00
9633	do.	H. F. Moore.	do.	8 00
9634	do.	O. H. Moore.	do.	8 00
9635	do.	Ruby Moore.	do.	20 00
9636	do.	B. C. Morse.	do.	110 00
9637	do.	W. E. Mosher.	do.	20 00
9638	do.	C. M. Moss.	do.	48 00
9639	do.	Gertrude Moulton.	Fellowship, December, 1912.	50 00
9640	do.	C. F. Nelson.	Salary, December, 1912.	250 00
9641	do.	W. S. Nelson.	do.	116 66
9642	do.	Allan Nevins.	do.	100 00
9643	do.	C. E. Newell.	do.	30 00
9644	do.	C. E. Noeremberg.	do.	80 00
9645	do.	W. A. Noyes.	do.	55 00
9646	do.	Catherine Oaks.	do.	140 00
9647	do.	W. A. Oldfather.	do.	333 33
9648	do.	H. L. Ohl.	do.	75 00
9649	do.	T. E. Oliver.	do.	229 16
9650	do.	A. W. Owens.	do.	50 00
9651	do.	E. B. Paine.	do.	208 33
9652	do.	L. G. Painter.	do.	30 00
9653	do.	Rosal M. Paltrier.	do.	120 00
9654	do.	S. W. Parr.	do.	208 33
9655	do.	Adah Patton.	do.	80 00
9656	do.	H. G. Paul.	do.	208 33
9657	do.	A. S. Pease.	do.	166 66
9658	do.	J. C. Pendleton.	do.	83 33
9659	do.	Alvan Peterson.	do.	85 00
9660	do.	G. W. Pickels.	do.	60 00
9661	do.	J. N. Pomeroy.	do.	130 00
9662	do.	C. M. Poor.	do.	153 33
9663	do.	M. M. Porter.	do.	150 00
9664	do.	R. S. Potter.	do.	30 00
9665	do.	Anton Prasil.	do.	50 00
9666	do.	A. L. Prickeft.	do.	10 00
9667	do.	D. C. Price.	do.	43 33
9668	do.	B. S. Radcliffe.	Scholarship, December, 1912.	26 00
9669	do.	G. H. Radenbaugh.	Salary, December, 1912.	80 00
9670	do.		do.	90 00
9671	do.		do.	90 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
9672	Dec. 31	Otto Rahn.....	Salary, December, 1912.....	\$166 66
9673	do.	O. A. Randolph.....	do.	80 00
9674	do.	W. H. Rayner.....	do.	110 00
9675	do.	J. W. Read.....	do.	50 00
9676	do.	P. J. Rehman.....	do.	80 00
9677	do.	E. J. Reece.....	do.	150 00
9678	do.	F. W. Reed.....	do.	140 00
9679	do.	P. F. Reiff.....	do.	50 00
9680	do.	E. A. Rich.....	do.	40 00
9681	do.	J. L. Rich.....	do.	150 00
9682	do.	C. R. Richards.....	do.	333 33
9683	do.	N. C. Ricker.....	do.	291 66
9684	do.	H. L. Reitz.....	do.	150 00
9685	do.	W. S. Robertson.....	do.	166 66
9686	do.	M. H. Robinson.....	do.	250 00
9687	do.	C. W. Rolfe.....	do.	250 00
9688	do.	S. A. Rowland.....	do.	60 00
9689	do.	H. O. Rugg.....	do.	120 00
9690	do.	George Rutledge.....	do.	60 00
9691	do.	L. R. Sarett.....	do.	80 00
9692	do.	T. E. Savage.....	do.	166 66
9693	do.	Olive F. Saxton.....	do.	83 33
9694	do.	S. H. Scherfee.....	do.	30 00
9695	do.	E. C. Schmidt.....	do.	291 66
9696	do.	H. F. Schneider.....	do.	30 00
9697	do.	Clarence Scholl.....	do.	10 00
9698	do.	W. S. Schultz.....	do.	166 66
9699	do.	G. F. Schwartz.....	do.	158 33
9700	do.	F. W. Scott.....	do.	183 33
9701	do.	D. L. Scroggin.....	do.	120 00
9702	do.	G. W. Sears.....	do.	60 00
9703	do.	F. B. Seeley.....	do.	140 00
9704	do.	R. S. Seese.....	Scholarship, December, 1912.....	25 00
9705	do.	N. C. Seidenberg.....	Salary, December, 1912.....	15 00
9706	do.	A. R. Seymour.....	do.	166 66
9707	do.	J. B. Shaw.....	do.	187 50
9708	do.	Queen L. Shepherd.....	do.	80 00
9709	do.	S. P. Sherman.....	do.	266 66
9710	do.	G. A. Shook.....	do.	100 00
9711	do.	C. W. Sievert.....	do.	10 00
9712	do.	S. L. Simmering.....	Fellowship, December, 1912.....	30 00
9713	do.	Frances Simpson.....	Salary, December, 1912.....	166 66
9714	do.	G. E. Simpson.....	do.	10 00
9715	do.	C. H. Sisam.....	do.	158 33
9716	do.	W. A. Slater.....	do.	125 00
9717	do.	Adelle C. Smith.....	do.	60 00
9718	do.	Constance B. Smith.....	do.	160 00
9719	do.	G. M. Smith.....	do.	133 33
9720	do.	Frank Smith.....	do.	208 33
9721	do.	J. E. Smith.....	do.	125 00
9722	do.	O. H. Smith.....	do.	95 00
9723	do.	J. M. Snodgrass.....	do.	175 00
9724	do.	C. M. Snow.....	do.	150 00
9725	do.	O. O. Stanley.....	do.	70 00
9726	do.	Joel Stebbins.....	do.	104 16
9727	do.	Sabra Stevens.....	do.	55 00
9728	do.	R. K. Stewart.....	do.	130 00
9729	do.	C. L. Stewart.....	do.	50 00
9730	do.	H. H. Stoek.....	do.	333 33
9731	do.	J. W. Stokes.....	Fellowship, December, 1912.....	50 00
9732	do.	E. B. Stouffer.....	Salary, December, 1912.....	130 00
9733	do.	Lillian Strong.....	do.	50 00
9734	do.	W. G. Stromquist.....	do.	100 00
9735	do.	R. T. Stull.....	do.	200 00
9736	do.	Horace Stunkard.....	do.	30 00
9737	do.	Emerson Sutcliff.....	do.	80 00
9738	do.	A. H. Sutherland.....	do.	150 00
9739	do.	A. N. Talbot.....	do.	333 33
9740	do.	F. W. Tanner.....	do.	60 00
9741	do.	S. C. Taylor.....	do.	25 00
9742	do.	W. H. Taylor.....	do.	60 00
9743	do.	H. R. Thomas.....	Fellowship, December, 1912.....	50 00
9744	do.	C. M. Thompson.....	Salary, December, 1912.....	90 00
9745	do.	D. G. Thompson.....	do.	40 00
9746	do.	J. G. Thompson.....	do.	160 00
9747	do.	Lambert Thorp.....	do.	100 00
9748	do.	A. J. Tieje.....	do.	105 00
9749	do.	A. J. Todd.....	do.	104 16
9750	do.	E. J. Townsend.....	do.	333 33

GENERAL UNIVERSITY WARRANTS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
9751	Dec. 31	L. L. Townsend.	do.	\$100 00
9752	do.	Edna A. Treast.	do.	90 00
9753	do.	H. D. Valentine.	do.	10 00
9754	do.	H. J. Van Cleave.	do.	60 00
9755	do.	H. J. Van den Berg.	do.	180 00
9756	do.	G. J. Van Zoeren.	do.	30 00
9757	do.	J. N. Vadder.	do.	110 00
9758	do.	C. G. C. G. Varnier.	do.	291 66
9759	do.	E. H. Waldo.	do.	166 66
9760	do.	H. B. Ward.	do.	333 33
9761	do.	E. H. Warner.	do.	50 00
9762	do.	A. R. Warnock.	do.	125 00
9763	do.	F. W. Washburn.	do.	183 33
9764	do.	F. R. Watson.	do.	200 00
9765	do.	H. C. P. Weber.	do.	150 00
9766	do.	N. A. Wells.	do.	208 33
9767	do.	N. A. Weston.	do.	229 16
9768	do.	Mary M. Wetmore.	do.	125 00
9769	do.	J. M. White.	do.	333 33
9770	do.	J. H. Whitten.	do.	60 00
9771	do.	E. A. Wildman.	do.	30 00
9772	do.	C. C. Wiley.	do.	150 00
9773	do.	E. A. Williams.	do.	120 00
9774	do.	E. H. Williams.	do.	125 00
9775	do.	Mary E. Williams.	do.	85 00
9776	do.	F. G. Wilson.	do.	160 00
9777	do.	P. L. Windsor.	do.	250 00
9778	do.	R. M. Winger.	do.	120 00
9779	do.	W. J. Wohlenberg.	Fellowship, December, 1912.	50 00
9780	do.	P. S. Woodward.	do.	35 00
9781	do.	J. M. Wornser.	Salary, December, 1912.	183 33
9782	do.	A. B. Wright.	do.	50 00
9783	do.	Ola M. Wye.	do.	75 00
9784	do.	T. D. Yensen.	do.	150 00
9785	do.	Jacob Zeitlin.	do.	125 00
9786	do.	Charles Zeleny.	do.	208 33
9787	do.	H. F. Zoller.	Fellowship, December, 1912.	30 00
9788	do.	F. H. Adler.	do.	35 00
9789	do.	Josephine E. Burns.	do.	35 00
9791	do.	Margaret V. Cobb.	do.	35 00
9792	do.	Edna L. Forey.	do.	30 00
9793	do.	D. L. Geyer.	do.	35 00
9794	do.	J. W. Good.	do.	40 00
9795	do.	E. O. Hense.	do.	30 00
9796	do.	E. A. T. Kircher.	do.	30 00
9797	do.	P. A. Lehenbauer.	do.	30 00
9798	do.	H. H. McGregor.	do.	30 00
9800	do.	L. C. Mathewson.	do.	30 00
9801	do.	L. F. Nickel.	do.	40 00
9802	do.	A. W. Orcutt.	do.	35 00
9803	do.	A. F. Paine.	do.	30 00
9804	do.	C. F. C. Rhey.	do.	35 00
9805	do.	Charissa Rhaker.	do.	35 00
9806	do.	Jrma E. V. Vogt.	do.	30 00
9807	do.	P. S. Welch.	do.	35 00
9808	do.	C. Y. Williams.	do.	35 00
9809	do.	Alice Biesler.	Scholarship, December, 1912.	25 00
9810	do.	R. W. Brown.	do.	25 00
9811	do.	D. M. Brunnel.	do.	25 00
9812	do.	F. E. Clark.	do.	25 00
9813	do.	Jesse L. Conel.	do.	25 00
9814	do.	S. H. Cox.	do.	25 00
9815	do.	E. S. Dowell.	do.	25 00
9816	do.	D. T. Engels.	do.	25 00
9817	do.	Ola M. J. Eskelson.	do.	25 00
9818	do.	S. E. Faugnier.	do.	25 00
9819	do.	S. B. Fracker.	do.	25 00
9820	do.	Byrne F. Goodman.	do.	25 00
9821	do.	Sappho C. Graham.	do.	25 00
9822	do.	Rutty M. Grimes.	do.	25 00
9823	do.	J. S. Gursell.	do.	25 00
9824	do.	Mary A. Haan.	do.	25 00
9825	do.	Homer Hall.	do.	25 00
9826	do.	A. C. Harford.	do.	25 00
9827	do.	William Hill.	do.	25 00
9828	do.	C. E. Holley.	do.	25 00
9829	do.	Nellie M. Horner.	do.	25 00
9830	do.	J. W. Howard.	do.	25 00



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
9830	Dec. 31 1912.	P. W. Ivey.....	Scholarship, December, 1912.....	\$ 25 00
9831	do.....	Gretchen Lutz.....	do.....	25 00
9832	do.....	Janet M. MacDonald.....	do.....	25 00
9833	do.....	J. E. Miller.....	do.....	25 00
9834	do.....	Edna Mosher.....	do.....	25 00
9835	do.....	J. B. Nathanson.....	do.....	25 00
9836	do.....	F. G. Norbury.....	do.....	25 00
9837	do.....	R. H. Notlman.....	do.....	25 00
9838	do.....	Cornelia R. Seawell.....	do.....	25 00
9839	do.....	Mary M. Spangler.....	do.....	25 00
9840	do.....	E. R. Spencer.....	do.....	25 00
9841	do.....	W. A. Swenson.....	do.....	25 00
9842	do.....	Lily B. Voegelin.....	do.....	25 00
9843	do.....	Margaret Washington.....	do.....	25 00
9844	do.....	P. Q. Wright.....	do.....	25 00
9845	do.....	A. E. Zucker.....	do.....	25 00
9846	do.....	Lilla M. Alexander.....	Salary, December, 1912.....	60 00
9847	do.....	W. E. Alley.....	do.....	60 00
9848	do.....	Whitred L. Amos.....	do.....	65 00
9849	do.....	Ethel Ash.....	do.....	60 00
9850	do.....	C. E. Atkinson.....	do.....	141 66
9851	do.....	L. A. Boice.....	do.....	125 00
9852	do.....	Tabitha J. Broadhurst.....	do.....	75 00
9853	do.....	Ira M. Brown.....	do.....	165 00
9854	do.....	Sarah E. Bryan.....	do.....	55 00
9855	do.....	Flora M. Case.....	do.....	45 83
9856	do.....	Miles Clements.....	do.....	60 00
9857	do.....	C. C. Crawford.....	do.....	150 00
9858	do.....	H. E. Cunningham.....	do.....	45 00
9859	do.....	C. E. Dalton.....	do.....	10 99
9860	do.....	L. C. Denlow.....	do.....	65 00
9861	do.....	Edith Emigh.....	do.....	75 00
9862	do.....	R. I. Fieg.....	do.....	50 00
9863	do.....	Frances M. Feind.....	do.....	33 33
9864	do.....	Mollie Fraser.....	do.....	55 00
9865	do.....	Viola Fraser.....	do.....	43 33
9866	do.....	Frances G. Garwood.....	do.....	65 00
9867	do.....	Antonette Goetz.....	do.....	40 00
9868	do.....	Elizabeth Good.....	do.....	60 00
9869	do.....	Mabel F. Griffith.....	do.....	55 00
9870	do.....	Carman Harnack.....	do.....	35 00
9871	do.....	Eliza Hart.....	do.....	120 00
9872	do.....	C. H. Havens.....	do.....	166 66
9873	do.....	N. Hay.....	do.....	55 00
9874	do.....	Myrtle E. Heister.....	do.....	75 00
9875	do.....	Josie B. Houchens.....	do.....	65 00
9876	do.....	A. H. Hull.....	do.....	50 00
9877	do.....	Katie L. Humrichouse.....	do.....	45 00
9878	do.....	Gertrude Johnson.....	do.....	55 00
9879	do.....	J. J. Johnson.....	do.....	30 00
9880	do.....	Gertrude Keech.....	do.....	166 66
9881	do.....	J. H. Kelley.....	do.....	41 66
9882	do.....	Nora Kriwan.....	do.....	65 00
9883	do.....	Arrella Knapp.....	do.....	45 00
9884	do.....	Allice Lamb.....	do.....	91 66
9885	do.....	A. R. Lee.....	do.....	35 00
9886	do.....	Louise A. Lietz.....	do.....	233 33
9887	do.....	Stella Lund.....	do.....	55 00
9888	do.....	C. M. McConn.....	do.....	80 00
9889	do.....	Agnes McGarity.....	do.....	83 33
9890	do.....	A. H. McLean.....	do.....	40 00
9891	do.....	Jane McMullin.....	do.....	83 33
9892	do.....	L. Mae Manspeaker.....	do.....	50 00
9893	do.....	Mande E. Meneley.....	do.....	65 00
9894	do.....	Rudolph Meseck.....	do.....	75 00
9895	do.....	C. F. Miller.....	do.....	85 00
9896	do.....	Lloyd Morey.....	do.....	166 66
9897	do.....	J. A. Morrow.....	do.....	110 00
9898	do.....	M. W. Murphey.....	do.....	75 00
9899	do.....	Elizabeth C. Peel.....	do.....	55 00
9900	do.....	Thomas Peel.....	do.....	75 00
9901	do.....	Elizabeth Pfeiffer.....	do.....	30 00
9902	do.....	F. W. Post.....	do.....	75 00
9903	do.....	Harriet L. Postlewait.....	do.....	30 00
9904	do.....	Myrtle A. Reuz.....	do.....	65 00
9905	do.....	Clara A. Rickses.....	do.....	60 00
9906	do.....	Nellie M. Robartsom.....	do.....	65 00
9907	do.....	Mary Scanlon.....	do.....	80 00
9908	do.....			

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
9900	1912 Dec. 31	Anna I. Shepard.....	Salary December, 1912.....	\$ 91 66
9910	do.	T. J. Showers.....	do.....	125 00
9911	do.	Sara M. Slater.....	do.....	55 00
9912	do.	Bertram Smith.....	do.....	70 00
9913	do.	L. M. Smith.....	do.....	108 33
9914	do.	Jessie A. Smith.....	do.....	100 00
9915	do.	Mayme L. Smith.....	do.....	65 00
9916	do.	O. E. Staples.....	do.....	150 00
9917	do.	Alfred Stelz.....	do.....	75 00
9918	do.	E. T. Strong.....	do.....	95 00
9919	do.	M. E. Thompson.....	do.....	85 00
9920	do.	Mary Torrance.....	do.....	55 00
9921	do.	L. J. Towle.....	do.....	150 00
9922	do.	G. F. Tuttle.....	do.....	91 66
9923	do.	Josephine Tyrell.....	do.....	45 00
9924	do.	Lida E. Volght.....	do.....	45 00
9925	do.	B. L. Winchester.....	do.....	52 50
9926	do.	H. T. Wyringer.....	do.....	48 00
9927	do.	W. J. Fraser.....	do.....	291 66
9928	do.	D. O. Barto.....	do.....	125 00
9929	do.	F. C. Bauer.....	do.....	250 00
9930	do.	Isabel Bevier.....	do.....	166 66
9931	do.	J. C. Blair.....	do.....	416 66
9932	do.	S. J. Boie.....	do.....	133 33
9933	do.	R. E. Brand.....	do.....	166 66
9934	do.	Thomas Breeger.....	do.....	100 00
9935	do.	W. J. Burlison.....	do.....	100 00
9936	do.	W. J. Carmichael.....	do.....	41 66
9937	do.	H. C. M. Case.....	do.....	225 00
9938	do.	W. C. Coffey.....	do.....	291 66
9939	do.	C. S. Crandall.....	do.....	133 33
9940	do.	W. T. Crandall.....	do.....	120 00
9941	do.	Nina B. Crighter.....	do.....	500 00
9942	do.	E. Davenport.....	do.....	166 66
9943	do.	John DeLieson.....	do.....	150 00
9944	do.	L. W. Dickerson.....	do.....	200 00
9945	do.	H. B. Donner.....	do.....	125 00
9946	do.	C. E. Ditts.....	do.....	160 66
9947	do.	L. L. Edmunds.....	do.....	150 00
9948	do.	K. J. J. Eklaw.....	do.....	83 33
9949	do.	Augusta D. Evans.....	do.....	166 66
9950	do.	O. J. Slater.....	do.....	100 00
9951	do.	J. J. Gardner.....	do.....	125 00
9952	do.	Charlotte Gibbs.....	do.....	100 00
9953	do.	Nellie E. Goldthwaite.....	do.....	166 66
9954	do.	Nettie D. Gray.....	do.....	110 00
9955	do.	F. S. Gidley.....	do.....	291 66
9956	do.	A. F. Gustafson.....	do.....	150 00
9957	do.	A. D. Hall.....	do.....	225 00
9958	do.	W. F. Handschin.....	do.....	150 00
9959	do.	Leonard Hegnauer.....	do.....	250 00
9960	do.	N. W. Hepburn.....	do.....	175 00
9961	do.	C. G. Hopkins.....	do.....	416 66
9962	do.	R. S. Howe.....	do.....	100 00
9963	do.	M. E. Iaher.....	do.....	120 00
9964	do.	O. A. Keller.....	do.....	83 33
9965	do.	L. R. Koenig.....	do.....	153 33
9966	do.	J. W. Lough.....	do.....	266 33
9967	do.	D. McIntosh.....	do.....	266 33
9968	do.	Wilhelm Miller.....	do.....	268 33
9969	do.	J. G. Mosier.....	do.....	250 00
9970	do.	H. W. Mumford.....	do.....	266 66
9971	do.	Grace Stevens.....	do.....	46 66
9972	do.	A. N. Nehrling.....	do.....	90 00
9973	do.	A. W. Nolan.....	do.....	125 00
9974	do.	Maud Parsons.....	do.....	200 00
9975	do.	H. W. Pascoe.....	do.....	100 00
9976	do.	J. H. Pettit.....	do.....	250 00
9977	do.	Helena M. Plimcomb.....	do.....	133 33
9978	do.	V. A. Place.....	do.....	83 33
9979	do.	F. H. Rankin.....	do.....	250 00
9980	do.	C. O. Reed.....	do.....	120 00
9981	do.	Harriet Rhinaker.....	do.....	125 00
9982	do.	R. R. Root.....	do.....	166 66
9983	do.	H. P. Rusak.....	do.....	175 00
9984	do.	F. M. Simpson.....	do.....	100 00
9985	do.	L. H. Smith.....	do.....	250 00
9986	do.	W. H. Smith.....	do.....	108 33
9987	do.	J. V. Stevenson.....	do.....	41 66

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
9988	Dec. 31, 1912.	H. W. Stewart.	Salary, December, 1912.	\$150 00
9989	do.	J. R. Wells.	do.	70 00
9990	do.	Ruth Wheeler.	do.	133 33
9991	do.	A. L. Whiting.	do.	125 00
9992	do.	J. J. Yoke.	do.	83 33
9993	do.	Orr Allyn.	do.	70 00
9994	do.	W. B. Gernert.	do.	125 00
9995	do.	J. B. Park.	do.	150 00
9996	do.	W. L. Gaines.	do.	150 00
9997	do.	F. A. Pearson.	do.	75 00
9998	do.	H. A. Ruehe.	do.	116 66
9999	do.	L. M. Wakeley.	do.	100 00
10000	do.	Jas. Hutchinson.	do.	100 00
10001	do.	F. E. Muncie.	do.	83 33
10002	do.	G. L. Peltier.	do.	83 33
10003	do.	L. E. Foglesong.	do.	100 00
10004	do.	A. J. Gunderson.	do.	250 00
10005	do.	B. S. Pickett.	do.	150 00
10006	do.	W. A. Ruth.	do.	150 00
10007	do.	O. S. Watkins.	do.	70 00
10008	do.	J. P. Auner.	do.	70 00
10009	do.	L. R. Binding.	do.	38 33
10010	do.	R. W. Dickenson.	do.	150 00
10011	do.	F. A. Fisher.	do.	125 00
10012	do.	F. W. Garrett.	do.	150 00
10013	do.	S. V. Holt.	do.	70 00
10014	do.	E. E. Hoskins.	do.	83 33
10015	do.	Oran Keller.	do.	150 00
10016	do.	C. C. Logan.	do.	150 00
10017	do.	W. R. Leighty.	do.	70 00
10018	do.	Gertrude Niederman.	do.	150 00
10019	do.	W. H. Sachs.	do.	100 00
10020	do.	E. Van Alstine.	do.	125 00
10021	do.	F. M. W. Wascher.	do.	150 00
10022	do.	H. C. Wheeler.	do.	83 33
10023	do.	C. E. Wheelock.	do.	83 33
10024	do.	John Woodard.	do.	150 00
10025	do.	J. E. Whitechurch.	do.	70 00
10026	do.	H. H. Mitchell.	do.	70 00
10027	do.	Leonora Perry.	do.	79 16
10028	do.	B. E. Powell.	do.	191 66
10029	do.	Alice V. Hamilton.	do.	75 00
10030	do.	Florence E. Smith.	do.	65 00
10031	do.	Besse E. Packard.	do.	80 00
10032	do.	J. L. Gardner.	do.	60 00
10033	do.	H. B. Ingalls.	do.	60 00
10034	do.	Mabel Halliday.	do.	65 00
10035	do.	Marjorie N. Gage.	do.	60 00
10036	do.	Elizabeth Pulling.	do.	60 00
10037	do.	M. J. Conley.	do.	75 00
10038	do.	Fred Pine.	do.	75 00
10039	do.	Roy Argo.	do.	50 00
10040	do.	Robert Cook.	do.	47 50
10041	do.	Lawrence Engle.	do.	47 50
10042	do.	W. J. Engle.	do.	22 50
10043	do.	Margaret C. Foss.	do.	65 00
10044	do.	William Kelley.	do.	40 00
10045	do.	Winifred McIntosh.	do.	47 50
10046	do.	J. D. Mink.	do.	10 00
10047	do.	H. E. Moore.	do.	47 50
10048	do.	Ed Myers.	do.	47 50
10049	do.	S. E. Ore.	do.	47 50
10050	do.	Jesse Cook.	do.	55 00
10051	do.	M. D. Rose.	do.	47 50
10052	do.	Frank Sanders.	do.	52 50
10053	do.	H. Simer.	do.	45 00
10054	do.	Andrew Tornquist.	do.	45 00
10055	do.	H. H. Wheeler.	do.	75 00
10056	do.	Jas. Brown.	do.	65 00
10057	do.	I. F. Burdick.	do.	50 00
10058	do.	J. H. Coffey.	do.	50 00
10059	do.	T. P. Crawford.	do.	45 00
10060	do.	Ben Durman.	do.	47 50
10061	do.	Harley Foot.	do.	43 20
10062	do.	Wm. Hough.	do.	55 00
10063	do.	E. H. Jenkins.	do.	83 33
10064	do.	Earl Meenach.	do.	55 00
10065	do.	Ross Reinhardt.	do.	60 00
10066	do.	J. E. Thomas.	do.	45 00

GENERAL UNIVERSITY WARRANTS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
10067	Dec. 31 1912.	W. W. Trimble	Wages, December, 1912.	\$ 29 60
10068	.do.	Geo. Smalley	.do.	16 00
10069	.do.	H. J. Bennett	.do.	45 00
10070	.do.	W. L. Bennett	.do.	60 00
10071	.do.	W. T. Craig	.do.	83 33
10072	.do.	L. A. Hunter	.do.	70 00
10073	.do.	A. M. McBeth	.do.	45 00
10074	.do.	P. O. Moore	.do.	45 00
10075	.do.	Will Patterson	.do.	45 00
10076	.do.	Loretto White	.do.	65 00
10077	.do.	John Balcom	.do.	55 00
10078	.do.	G. W. Beardsley	.do.	38 33
10079	.do.	C. Beers	.do.	38 33
10080	.do.	M. R. Carlson	.do.	30 00
10081	.do.	E. M. Clark	.do.	60 00
10082	.do.	Anna Crathorne	.do.	50 00
10083	.do.	H. E. Crouch	.do.	115 00
10084	.do.	Amelia Faldkamp	.do.	40 00
10085	.do.	Earl Garver	.do.	65 00
10086	.do.	R. C. Kasler	.do.	55 00
10087	.do.	A. F. Krueger	.do.	65 00
10088	.do.	Lawrence Labr	.do.	45 00
10089	.do.	Rush Loyless	.do.	50 00
10090	.do.	John Palfrey	Wages, November 26-30 and December, 1912.	75 83
10091	.do.	Etta Perry	Wages, December, 1912.	60 70
10092	.do.	Ethel Sharp	.do.	40 00
10093	.do.	Lillian Smith	.do.	50 00
10094	.do.	Cornelius Stocker	.do.	75 00
10095	.do.	A. Ten Broeck	.do.	50 00
10096	.do.	W. W. Yapp	.do.	70 00
10097	.do.	W. S. Goodspeed	.do.	83 33
10098	.do.	Mary Millar	.do.	83 33
10099	.do.	J. C. Anderson	.do.	65 00
10100	.do.	Chas. A. Campbell	.do.	60 00
10101	.do.	C. C. Chapman	.do.	80 00
10102	.do.	Emma L. Custer	.do.	83 33
10103	.do.	O. I. Ellis	.do.	70 00
10104	.do.	Marion B. Gallaher	.do.	30 00
10105	.do.	F. W. Gaul	.do.	40 00
10106	.do.	J. R. Keley	.do.	80 00
10107	.do.	John Hankford	.do.	52 50
10108	.do.	W. A. McIntire	.do.	60 00
10109	.do.	G. E. Miller	.do.	60 00
10110	.do.	Alice Reed	Wages, December 1-10, 1912.	25 64
10111	.do.	Flora M. Sims	Wages, December 1912.	50 00
10112	.do.	Freda O. Stricklan.	.do.	83 33
10113	.do.	R. F. Broyles	.do.	65 00
10114	.do.	A. L. Sowers	.do.	45 00
10115	.do.	L. J. Wells	.do.	85 05
10116	.do.	Geo. N. Nogle	.do.	45 00
10117	.do.	J. F. Smith	.do.	70 00
10118	.do.	R. W. Graham	Milk	65 00
10119	.do.	I. W. Maxwell	.do.	5 13
10120	.do.	J. M. Stickrod	.do.	11 10
10121	.do.	C. A. Richman	.do.	5 55
10122	.do.	C. G. Van Hotten	.do.	4 86
10123	.do.	W. J. Hewerdine	.do.	4 94
10124	.do.	G. Taylor	.do.	5 25
10125	.do.	S. Atchison	.do.	9 04
10126	.do.	P. P. Dunn	.do.	5 32
10127	.do.	E. W. Smalley	.do.	8 13
10128	.do.	J. H. Schwengel	.do.	11 02
10129	.do.	O. A. McInnes	.do.	2 07
10130	.do.	John Weiss	.do.	14 29
10131	.do.	C. Allen	.do.	8 32
10132	.do.	T. A. McCracken	.do.	9 43
10133	.do.	W. E. Leigh	.do.	2 81
10134	.do.	Wm. Case	.do.	17 98
10135	.do.	I. H. Gordon	.do.	4 33
10136	.do.	W. E. Yount	.do.	22 57
10137	.do.	W. H. Gray	.do.	6 69
10138	.do.	A. G. Guard	.do.	11 38
10139	.do.	J. B. Seilday	.do.	5 62
10140	.do.	J. H. Cornett	.do.	3 12
10141	.do.	L. F. Lindsey	.do.	8 89
10142	.do.	W. Davis	.do.	7 76
10143	.do.	F. H. Busey	.do.	13 30
10144	.do.	S. Guthm.	.do.	8 44

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
10145	Dec. 31	R. S. McInnes.....	Milk.....	\$ 7 28
10146	do.	Pearl Hazen.....	do.	9 39
10147	do.	John Godsell.....	do.	4 41
10148	do.	F. W. Howell.....	do.	5 13
10149	do.	I. Ellrod.....	do.	4 37
10150	do.	W. J. Wilson.....	do.	14 78
10151	do.	W. H. Frame.....	do.	10 72
10152	do.	I. H. Besore.....	do.	6 02
10153	do.	T. F. Jordan.....	do.	27 97
10154	do.	R. L. Lumsden.....	do.	2 70
10155	do.	D. S. Herriott.....	do.	4 06
10156	do.	N. Wascher.....	do.	15 02
10157	do.	N. Hahn.....	do.	10 03
10158	do.	C. Ross.....	do.	12 61
10159	do.	Geo. Schiff.....	do.	13 45
10160	do.	H. C. Kaufman.....	do.	6 11
10161	do.	Len Rayburn.....	do.	8 25
10162	do.	E. Grove.....	do.	5 55
10163	do.	L. P. Rayburn.....	do.	12 43
10164	do.	B. Jordan.....	do.	19 50
10165	do.	C. J. Gillespie.....	do.	13 29
10166	do.	J. F. Hoy.....	do.	2 17
10167	do.	Cora Stacker.....	do.	4 56
10168	do.	J. B. Marsh.....	do.	8 33
10169	do.	J. M. Smith.....	do.	7 83
10170	do.	Frank Knox.....	do.	10 79
10171	do.	G. W. Van Meter.....	do.	23 13
10172	do.	W. F. Hampton.....	do.	6 61
10173	do.	T. M. Ghere.....	do.	4 86
10174	do.	Andrew Shields.....	do.	21 04
10175	do.	H. J. Moorehouse.....	do.	13 19
10176	do.	Geo. Herriott.....	do.	12 24
10177	do.	David Wilkins.....	do.	4 82
10178	do.	John McCullough.....	do.	24 84
10179	do.	H. Cherry.....	do.	4 07
10180	do.	A. R. Canady.....	do.	17 68
10181	do.	W. C. Welch.....	do.	7 45
10182	do.	H. R. Hyde.....	do.	7 98
10183	do.	C. A. Fogel.....	do.	9 20
10184	do.	G. F. Diefenbach.....	do.	5 57
10185	do.	Z. C. Keene.....	do.	4 37
10186	do.	R. A. Lumsden.....	do.	7 25
10187	do.	D. W. Shiveley.....	do.	16 53
10188	do.	J. H. Umbanhowar.....	do.	13 19
10189	do.	A. J. Putscher.....	do.	1 25
10190	do.	A. R. Grindley.....	do.	1 18
10191	do.	G. M. Seeber.....	do.	6 31
10192	do.	C. C. Gordon.....	do.	9 27
10193	do.	T. P. Lyon.....	do.	11 10
10194	do.	M. Hudson.....	do.	4 79
10195	do.	J. M. Herriott.....	do.	14 90
10196	do.	M. Leigh.....	do.	4 86
10197	do.	M. T. Lindsey.....	Wages, December, 1912.	11 25
10198	do.	Mary M. Moss.....	do.	25 00
10199	do.	W. W. Peters.....	do.	20 00
10200	do.	L. M. Apgar.....	do.	20 00
10201	do.	Hubert Jessen.....	do.	17 80
10202	do.	D. R. Hull.....	do.	15 00
10203	do.	G. F. Sutherland.....	do.	17 20
10204	do.	Olive Paine.....	do.	12 90
10205	do.	E. C. Fontaine.....	do.	14 40
10206	do.	Lucie S. Gravens.....	do.	14 50
10107	do.	W. A. Shewhart.....	do.	10 00
10208	do.	W. V. Atwell.....	do.	38 41
10209	do.	Mamie Bunch.....	do.	45 00
10210	do.	Ethel Clark.....	do.	40 00
10211	do.	Ralph Engle.....	do.	26 00
10212	do.	H. F. T. Fahrnkopf.....	do.	11 75
10213	do.	R. L. Hegnauer.....	do.	25 50
10214	do.	A. F. Heck.....	do.	43 63
10215	do.	D. Vauble.....	do.	43 75
10216	do.	Olive G. Reid.....	do.	50 00
10217	do.	C. H. Rehling.....	do.	28 20
10218	do.	H. J. Snider.....	do.	21 00
10219	do.	G. W. Schroeder.....	do.	10 00
10220	do.	Florence Stoutzenberg.....	do.	25 00
10221	do.	W. M. Taylor.....	do.	14 20
10222	do.	E. W. Walworth.....	do.	19 00
10223	do.	F. W. Wilson.....	do.	30 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.		Wages, December, 1912.....	\$ 40 00
10224	Dec. 31	Stanley Wilkins.....	do.....	50 00
10225	do.	W. W. Williams.....	do.....	18 00
10226	do.	L. Utterback.....	do.....	28 60
10227	do.	E. C. Terhune.....	do.....	45 00
10228	do.	A. J. Stoneburner.....	do.....	50 00
10229	do.	Sadie Jones.....	do.....	20 35
10230	do.	W. P. Hubbard.....	do.....	75 00
10231	do.	Rose Hegenbart.....	do.....	83 33
10232	do.	W. L. Harry.....	do.....	37 70
10233	do.	J. W. Duhamel.....	do.....	60 00
10234	do.	Zella M. Andrews.....	do.....	27 00
10235	do.	Elmer Varner.....	do.....	25 00
10236	do.	A. Ipha Tornquist.....	do.....	46 00
10237	do.	C. E. Mattoon.....	do.....	38 70
10238	do.	W. A. Hooker.....	do.....	12 00
10239	do.	E. E. Craig.....	do.....	34 50
10240	do.	M. C. Weaver.....	do.....	50 00
10241	do.	Bertha G. States.....	do.....	85 00
10242	do.	Robert Pergande.....	do.....	85 00
10243	do.	B. L. Morehouse.....	do.....	55 00
10244	do.	Hazel Rhoads.....	do.....	65 00
10245	do.	R. Pritchard.....	do.....	50 00
10246	do.	H. Pritchard.....	do.....	45 00
10247	do.	L. Donohue.....	do.....	30 00
10248	do.	G. Donohue.....	do.....	14 40
10249	do.	Claude Harrolle.....	do.....	60 00
10250	do.	Louie Frizal.....	do.....	12 00
10251	do.	Pearley Cunningham.....	do.....	25 97
10252	do.	Ralph Chaplin.....	do.....	10 00
10253	do.	James Boswell.....	do.....	28 06
10254	do.	Andrew Boswell.....	do.....	16 60
10255	do.	F. H. Kelley.....	do.....	80 00
10256	do.	Evalena Bowen.....	do.....	56 00
10257	do.	R. K. Turner.....	do.....	10 80
10258	do.	A. O. Magnuson.....	do.....	11 75
10259	do.	C. R. Sinclair.....	do.....	28 35
10260	do.	Ethel Berlin.....	do.....	20 25
10261	do.	A. R. Brandner.....	do.....	13 00
10262	do.	G. F. Paulsen.....	do.....	60 00
10263	do.	R. M. Stevens.....	do.....	90 00
10264	do.	P. F. Meharry.....	do.....	41 60
10265	do.	Ed. Wharmby.....	do.....	62 40
10266	do.	Wm. Wilde.....	do.....	109 20
10267	do.	Mary Ryan.....	do.....	38 00
10268	do.	A. Servis.....	do.....	52 00
10269	do.	W. J. Smith.....	do.....	70 77
10270	do.	John Snyder.....	do.....	66 01
10271	do.	D. C. Sprinkle.....	do.....	54 80
10272	do.	Frank Stetler.....	do.....	43 60
10273	do.	William Templin.....	do.....	57 40
10274	do.	I. F. Tillotson.....	do.....	51 30
10275	do.	George Toy.....	do.....	66 00
10276	do.	George Turner.....	do.....	20 40
10277	do.	Henry Turner.....	do.....	60 00
10278	do.	Louis Pro.....	do.....	57 20
10279	do.	J. F. Purkins.....	do.....	60 40
10280	do.	William Quinn.....	do.....	61 60
10281	do.	Ed. Richards.....	do.....	52 00
10282	do.	Chas. Wilson.....	do.....	87 36
10283	do.	Arthur Turner.....	do.....	90 00
10284	do.	L. M. Stearns.....	do.....	66 00
10285	do.	Bert Math ws.....	do.....	20 40
10286	do.	H. H. Mahorney.....	do.....	60 00
10287	do.	J. F. Long.....	do.....	59 80
10288	do.	F. M. Perry.....	do.....	59 40
10289	do.	Edward Hargan.....	do.....	61 60
10290	do.	Samuel Hanson.....	do.....	52 00
10291	do.	Sell Hamlin.....	do.....	69 08
10292	do.	W. H. Graybeal.....	do.....	87 36
10293	do.	C. Y. Freeman.....	do.....	90 00
10294	do.	C. E. Follansbee.....	do.....	66 00
10295	do.	William Fogarty.....	do.....	79 20
10296	do.	Frank Fogarty.....	do.....	66 00
10297	do.	Louie Fender.....	do.....	18 90
10298	do.	Fred Fender.....	do.....	
10299	do.	T. J. Fay.....	do.....	
10300	do.	E. P. Dibble.....	do.....	
10301	do.	Jos. Davis.....	do.....	
10302	do.	Pete Davis.....	do.....	

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
10303	Dec. 31 1912.	John Cedsuskey	Wages, December, 1912.	\$ 72 00
10304	do.	J. Cunningham.	Wages, December, 19 2, and use of teams.	141 53
10305	do.	Frank Crathorne	Wages, December, 1912.	78 00
10306	do.	Thos. Butler	do.	80 07
10307	do.	D. M. Bullock	do.	57 40
10308	do.	Harry Brown.	do.	60 00
10309	do.	Basil Brown.	do.	64 86
10310	do.	John Bramagan	do.	87 66
10311	do.	Water Birdzell	do.	68 08
10312	do.	C. E. Arrington.	do.	62 20
10313	do.	W. M. Atwell.	do.	52 80
10314	do.	J. E. Bailey	do.	42 00
10315	do.	B. L. Reed	do.	49 40
10316	do.	Jacob Niklaus	do.	60 00
10317	do.	J. R. Newton	do.	71 99
10318	do.	Jesse Meyers	do.	61 87
10319	do.	Rebecca Morgan	do.	41 60
10320	do.	Ruthie E. Murphy	do.	58 86
10321	do.	Uriah Moreland	do.	59 20
10322	do.	A. N. Moran	do.	61 60
10323	do.	Dan Meneely	do.	62 48
10324	do.	O. M. Miller	do.	52 60
10325	do.	O. E. Meenach	do.	64 80
10326	do.	James McCullough	do.	53 80
10327	do.	A. J. McAlister	do.	70 84
10328	do.	A. C. Litton	do.	57 80
10329	do.	Thos. Long	do.	68 62
10330	do.	E. C. Lewis	do.	67 60
10331	do.	William Leach	do.	56 70
10332	do.	F. Langhoff	do.	57 60
10333	do.	Adolph Langhoff	do.	78 60
10334	do.	E. W. Jusus	do.	108 00
10335	do.	T. F. Harper	do.	52 60
10336	do.	T. O. Henderson	do.	100 80
10337	do.	W. G. Hixon	do.	49 40
10338	do.	Ross Hutton	do.	55 80
10339	do.	Frank Irvine	do.	63 45
10340	do.	James Irvine	do.	52 00
10341	do.	Margaret Jones	do.	41 60
10342	do.	W. J. Langhoff	do.	43 65
10343	do.	J. A. J. Klem	do.	66 00
10344	do.	G. E. Kirk	do.	50 00
10345	do.	C. C. Johnson	do.	53 40
10346	do.	P. S. Jeffers	do.	63 80
10347	do.	Fred Hoover	do.	50 40
10348	do.	F. T. Franklin	do.	56 70
10349	do.	J. T. Fiscus	do.	52 60
10350	do.	Geo. Boyer	do.	64 00
10351	do.	John Begley	do.	24 00
10352	do.	R. W. Baldwin	do.	56 80
10353	do.	J. A. Sacklison	do.	18 20
10354	do.	C. A. Dunsehl	do.	87 20
10355	do.	William Wascher	do.	65 40
10356	do.	Chas. Hill	do.	89 70
10357	do.	Chas. Gundlock	do.	91 20
10358	do.	J. Rachwalski	do.	89 70
10359	do.	V. H. Cartwright	do.	55 00
10360	do.	Howard Downing	do.	14 70
10361	do.	Orral Snook	do.	57 60
10362	do.	C. P. Moore	do.	22 80
10363	do.	Harrison Noecker	do.	12 60
10364	do.	August Warmbier	do.	36 80
10365	do.	Fred Hooker	do.	36 36
10366	do.	Marie A. Gordon	do.	50 00
10367	do.	G. H. Reily	do.	80 15
10368	do.	B. L. Bowling	do.	70 00
10369	do.	D. M. Avey	do.	110 00
10370	do.	L. S. Baldwin	do.	21 35
10371	do.	T. W. Dieckmann	do.	32 40
10372	do.	Della Rogers	do.	40 00
10373	do.	Burt Hays	do.	60 84
10374	do.	Wesley Wilson	do.	87 20
10375	do.	Marguerite Munn	do.	50 00
10376	do.	F. H. Colyer	do.	7 75
10377	do.	S. T. Wallage	do.	29 88
10378	do.	H. J. Vanderbeek	do.	50 00
10379	do.	Florence Nyberg	do.	65 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
10380	1912. Dec. 31	Lida E. White.....	Wages, December and November, 1912.....	\$ 100 00
10381	.do.....	S. Warren.....	Wages, December, 1912.....	22 40
10382	.do.....	E. R. Berbaum.....	.do.....	64 35
10383	.do.....	W. H. Clark.....	.do.....	93 20
10384	.do.....	C. A. Denman.....	.do.....	105 30
10385	.do.....	A. Baumgartner.....	.do.....	69 00
10386	.do.....	Harry Higgins.....	.do.....	85 33
10387	.do.....	Asa Denman.....	.do.....	72 00
10388	.do.....	Wesley Hoffman.....	.do.....	87 20
10389	.do.....	S. A. Porter.....	.do.....	87 20
10390	.do.....	Ethel V. Manley.....	.do.....	57 50
10391	.do.....	J. H. Vandiventer.....	.do.....	86 00
10392	.do.....	Geo. Stipes.....	.do.....	69 00
10393	.do.....	Marion E. Sparks.....	.do.....	31 30
10394	.do.....	O. P. Smith.....	.do.....	73 50
10395	.do.....	M. C. Booher.....	.do.....	87 20
10396	.do.....	J. E. Morgan.....	.do.....	43 00
10397	.do.....	A. J. Booker.....	.do.....	87 20
10398	.do.....	G. E. Wright.....	.do.....	87 25
10399	.do.....	Martin Sandwell.....	.do.....	87 20
10400	.do.....	John Miller.....	.do.....	93 20
10401	.do.....	A. Bevis.....	.do.....	165 00
10402	.do.....	Amos Wright.....	.do.....	87 20
10403	.do.....	W. L. Curlls.....	Butter.....	10 54
10404	.do.....	J. A. Taylor.....	.do.....	6 79
10405	.do.....	Twin City Creamery Co.....	.do.....	10 56
10406	.do.....	M. E. Simonsen.....	.do.....	10 56
10407	.do.....	Livingston Creamery Co.....	.do.....	10 56
10408	.do.....	F. J. Weddige.....	.do.....	7 92
10409	.do.....	Green River Creamery Co.....	.do.....	10 38
10410	.do.....	R. J. Collier.....	.do.....	10 53
10411	.do.....	Monmouth Creamery Co.....	.do.....	2 97
10412	.do.....	J. R. Newberry.....	.do.....	10 19
10413	.do.....	John Coleman.....	.do.....	3 36
10414	.do.....	H. E. Siegman.....	.do.....	6 45
10415	.do.....	W. L. Richards.....	.do.....	6 93
10416	.do.....	W. F. Conway.....	.do.....	7 14
10417	.do.....	Geo. J. Deardorf.....	.do.....	6 93
10418	.do.....	F. Grimm.....	.do.....	7 10
13419	.do.....	W. R. Olinger.....	.do.....	3 40
10420	.do.....	L. R. Weckerly.....	.do.....	3 40
10421	.do.....	P. J. Petersen.....	.do.....	3 40
10422	.do.....	Geo. Bost.....	.do.....	7 14
10423	.do.....	C. R. Reiter.....	.do.....	2 98
10424	.do.....	John Garman.....	Wages, December, 1912.....	41 60
10425	.do.....	Frank Wilson.....	.do.....	31 20
10426	.do.....	T. E. Lindsey.....	Oats.....	246 87
10427	.do.....	H. D. Oberdorfer.....	Salary, December, 1912.....	166 66
10428	.do.....	George Page.....	Expenses.....	4 41
10429	.do.....	Beardsley Hotel Co.....	Hotel bill.....	5 00
10430	.do.....	Laura B. Evans.....	Expenses.....	45 65
10431	.do.....	Verna Manley.....	Wages, December, 1912.....	39 75
10432	.do.....	Gertrude Johnson.....	.do.....	15 00
10433	.do.....	A. W. Nolan.....	Expenses.....	9 65
10434	.do.....	Fairview Park Cemetry Assn.....	Rental.....	290 00
10435	.do.....	F. P. Collyer.....	Expenses.....	18 59
10436	.do.....	The Reliable Plumbing & Heating Co.....	Payment on contract.....	1, 017 22
10437	.do.....	G. W. Porter.....	Wages, December, 1912.....	60 00
10438	.do.....	E. E. Hoskins.....	Expenses.....	190 14
10439	.do.....	F. W. Gault.....	.do.....	52 37
10440	.do.....	J. R. Midyett.....	.do.....	40 45
10441	.do.....	E. L. Woolsey.....	.do.....	100 18
10442	.do.....	George W. Medley.....	.do.....	41 75
10443	.do.....	Carroll J. Badger.....	.do.....	21 57
10444	.do.....	A. W. Stoolman, Contractor.....	Final payment on contract.....	198 00
10445	.do.....	L. Kastler.....	Expenses.....	15 00
10446	.do.....	Chivers Book Binding Co.....	Books.....	18 75
10447	.do.....	E. P. Doble & Co.....	Cabinets.....	75 00
10448	.do.....	Herald Thompkins.....	Chickens.....	35 00
10449	.do.....	Balanced Ration Feed Co.....	Hay.....	192 00
10450	.do.....	Dayton Fruit Tree Label Co.....	Labels.....	6 00
10451	.do.....	Detroit Flower Pot Co.....	Supplies.....	33 00
10452	.do.....	The J. C. Dinsmore Co.....	Exterminator.....	2 25
10453	.do.....	Burroughs Adding Machine Co.....	Machines.....	393 75
10454	.do.....	Central Scientific Co.....	Filter.....	11 70
10455	.do.....	Champaign Steam Laundry.....	Washing.....	46 99
10456	.do.....	Henry Disston & Sons.....	Saws.....	36 00
10457	.do.....	Doubleday, Page & Co.....	Envelopes.....	6 50



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
10458	Dec. 31	R. J. Stones.....	Lambs.....	\$ 40 95
10459	..do..	Mittendorf & Kiler.....	Furniture.....	60 00
10460	..do..	H. F. Chester.....	Horse shoeing.....	10 50
10461	..do..	F. O. Dufour.....	Expenses.....	24 03
10462	..do..	Jacob White.....	Labor and material.....	27 50
10463	..do..	National Steam Specialty Co.....	Valves.....	14 40
10464	..do..	American Mason Safety Tread Co.....	Treads.....	70 02
10465	..do..	J. Bishop & Co., Platinum Works.....	Capsules.....	12 14
10466	..do..	W. J. Boehm.....	Tubing.....	2 00
10467	..do..	Hunter, Rourke & Co.....	Corn crates.....	80 00
10468	..do..	Champaign & Urbana Water Co.....	Iron pipe.....	10 00
10469	..do..	Cleveland City Forge & Iron Co.....	Materials.....	31 00
10470	..do..	Drake Marble & Tile Co.....	..do.....	7 60
10471	..do..	Carson, Pirie, Scott & Co.....	Hangers.....	2 63
10472	..do..	Eugene Dietzgen Co.....	Supplies.....	16 06
10473	..do..	Pantagraph Printing & Stationery Co.....	Printing.....	1,076 27
10474	..do..	W. D. Allen Mfg. Co.....	Hose.....	45 75
10475	..do..	H. A. Dreer.....	Plants.....	2 25
10476	..do..	J. B. Clow & Sons.....	Plugs.....	6 68
10477	..do..	The Century History Co.....	Books.....	20 00
10478	..do..	The Spectator Co.....	..do.....	30 45
10479	..do..	C. H. Brownell.....	Partition.....	47 50
10480	..do..	N. E. Dionne.....	Book.....	1 00
10481	..do..	M. P. Lantz.....	Ram.....	35 00
10482	..do..	C. H. Elliott.....	Expenses.....	9 80
10483	..do..	Silas Echols.....	..do.....	9 13
10484	..do..	Crucible Steel Co. of America.....	Steel.....	22 41
10485	..do..	Cleveland Automatic Machine Co.....	Machine parts.....	15 00
10486	..do..	The Cleveland Wire Spring Co.....	Tool racks.....	11 25
10487	..do..	The W. P. Davis Machine Co.....	Cutter.....	2 50
10488	..do..	S. Noble King.....	Rent.....	32 00
10489	..do..	L. E. Wallace.....	Expenses.....	329 47
10490	..do..	W. N. Sunderland.....	Rent.....	62 50
10491	..do..	The J. H. Day Co.....	Iron balls.....	1 00
10492	..do..	Henry Bruns.....	Hardware.....	63 35
10493	..do..	A. A. Stout.....	Straw.....	81 93
10494	..do..	F. S. Burch & Co.....	Supplies.....	11 25
10495	..do..	J. W. Amrine.....	Hay.....	93 26
10496	..do..	W. F. Langelier.....	Expenses.....	26 76
10497	..do..	S. D. Childs & Co.....	Punch.....	5 00
10498	..do..	Assn. of Official Agricultural Chemists.....	Dues.....	2 00
10499	..do..	National Electric Light Assn.....	Books, etc.....	4 00
10500	..do..	Tiona Refining Co.....	Oil and compound.....	20 70
10501	..do..	The Home Telephone Co.....	Service.....	100 00
10502	..do..	The Whitaker Paper Co.....	Paper.....	16 00
10503	..do..	Mary E. Ahern.....	Services.....	27 34
10504	..do..	L. C. Smith & Bros. Typewriter Co.....	Rental.....	10 00
10505	..do..	Underwood Typewriter Co., Inc.....	Ribbons.....	1 50
10506	..do..	The Rudolph Wurlitzer Co.....	Music stands.....	36 80
10507	..do..	Weston Electrical Instrument Co.....	Ammeter.....	51 00
10508	..do..	E. G. Soltmann.....	Blanks.....	1 60
10509	..do..	Ernst Leitz.....	Instruments.....	889 82
10510	..do..	G. Gennert.....	Camera supplies.....	5 46
10511	..do..	Twin City Electric Co.....	Dry cells.....	3 00
10512	..do..	The Zenner Disinfectant Co.....	Zenoleum.....	12 50
10513	..do..	H. P. Stinespring.....	Hay.....	5 40
10514	..do..	Tablet & Ticket Co.....	Blank letters.....	2 05
10515	..do..	The Urbana Courier Co.....	Printing.....	2 00
10516	..do..	Vaughan's Seed Store.....	Flowers.....	2 00
10517	..do..	Weil Brothers.....	Apparatus.....	6 45
10518	..do..	A. H. Revell & Co.....	Desks.....	97 75
10519	..do..	Pittsburg Instrument & Machine Co.....	Separator.....	52 00
10520	..do..	Parker-Russell Mining & Mfg. Co.....	Brick.....	185 05
10521	..do..	Sheldon Brick & Building Supply Co.....	Mortar coloring.....	5 00
10522	..do..	Norton Co.....	Filter cones.....	3 00
10523	..do..	Baker & Co., Inc.....	Crucibles.....	44 12
10524	..do..	Wilson-Macaulen Co.....	Tubes.....	11 00
10525	..do..	The Thermal Syndicate, Ltd.....	Supplies.....	11 72
10526	..do..	The Standard Calorimeter Co.....	Gaskets and hydrone.....	2 28
10527	..do..	W. G. Johnston & Co.....	Files.....	14 40
10528	..do..	The Veeder Mfg. Co.....	Counters.....	5 41
10529	..do..	University Press.....	Labels.....	9 00
10530	..do..	G. E. Warner.....	Books.....	13 95
10531	..do..	The Willis Music Co.....	Music.....	12 83
10532	..do..	The H. W. Gray Co.....	..do.....	12 59
10533	..do..	The Boston Book Co.....	Books.....	91 65
10534	..do..	Wisconsin Gas Assn.....	Book.....	2 04
10535	..do..	T. C. Thayer.....	..do.....	1 25
10536	..do..	G. W. Sheldon & Co.....	Fees and telegrams.....	2 05

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1912.				
10537	Dec. 31	The W. S. Tyler Co.	Sieves	\$ 7 53
10538	..do.	J. M. Lindgren	Services	29 50
10539	..do.	New Jersey School-Church Furniture Co.	Cabinets	65 76
10540	..do.	Geo. B. Carpenter & Co.	Supplies	25 40
10541	..do.	Western Kieley Steam Specialty Co.	Apparatus	3 25
10542	..do.	Illinois Electrical Mfg. Co.	Labor and material	30 40
10543	..do.	Whiting Paper Co.	Paper	59 95
10544	..do.	The Traffic Service Bureau	Subscription	6 65
10545	..do.	J. L. Tarbox	Cement	4 15
10546	..do.	H. J. Green	Thermometers	8 55
10547	..do.	The Illinois Agriculturist	Copies	2 00
10548	..do.	The Beardsley Hotel Co.	Hotel bill	12 40
10549	..do.	S. Druckerman	Books	84 63
10550	..do.	C. A. Harris & Co.	Coal	8 00
10551	..do.	The McCrum-Howell Co.	Apparatus	3 40
10552	..do.	Gaylord Brothers	Binders	1 20
10553	..do.	Snead & Co. Iron Works	Parts for shelf	6 18
10554	..do.	Leedy Mfg. Co., Inc.	Labor and materials	11 10
10555	..do.	American Lead Pencil Co.	Pencils	3 00
10556	..do.	Edward Pennock	Cover glasses	31 82
10557	..do.	Ed. Cordin	Carrots	3 75
10558	..do.	Frison Carriage Shop	Labor and material	1 00
10559	..do.	W. H. Johnson	Heater and bureau	21 25
10560	..do.	B. W. Huebsch	Books	7 20
10561	..do.	The Howard Severance Co.	..do.	18 00
10562	..do.	W. T. Jewell	Middlings	15 00
10563	..do.	M. Lowenstern	Cloth	1 25
10564	..do.	Poultry Department, A. C.	Chickens	18 00
10565	..do.	The Phoenix Nursery Co.	Trees	23 00
10566	..do.	Ledder & Probst	Drawing boards	46 25
10567	..do.	E. T. Benjamin	Horse shoeing	7 00
10568	..do.	N. Bogue	Trees	36 40
10569	..do.	Haussmann & Dunn Co.	Thermometers	5 00
10570	..do.	The Sherwin-Williams Co.	Paints	5 83
10571	..do.	The J. B. Ford Co.	Chemicals	10 00
10572	..do.	F. C. Jorgeson & Co.	Fixtures	275 00
10573	..do.	Wm. Hix	Hauling	108 00
10574	..do.	Scientific Materials Co.	Burner	6 75
10575	..do.	Gould Storage Battery Co.	Jars	60 60
10576	..do.	Wm. Goodbody	Envelopes	14 60
10577	..do.	Hoagland's Livery & Garage	Services	10 00
10578	..do.	Harrison Safety Boiler Works	Separator	19 95
10579	..do.	P. D. Foster	Key Case	3 25
10580	..do.	The Frederick Post Co.	Paper	10 48
10581	..do.	American LaFrance Fire Engine Co.	Supplies	9 24
10582	..do.	Gutta Percha & Rubber Mfg. Co.	Hose	100 00
10583	..do.	The Foley Mfg. Co.	Sash	3 00
10584	..do.	John E. Scopes & Co.	Books	8 25
10585	..do.	N. T. Peirce	Lime	7 50
10586	..do.	Merrell-Soule Co.	Milk powder	1 40
10587	..do.	American School of Home Economics	Books	7 00
10588	..do.	Chas. Scribner's Sons	Books	4 00
10589	..do.	The National Citizen's League	Membership fee	1 00
10590	..do.	Tice & Lynch	Freight and feed	14 40
10591	..do.	Review Printing & Stationery Co.	Directory	5 00
10592	..do.	C. F. McElroy	Book	1 50
10593	..do.	The Holstein Friesian Register Co.	..do.	6 00
10594	..do.	Illinois Glass Co.	Materials	2 53
10595	..do.	Mills Electric Co.	Recharges	15 73
10596	..do.	Addressograph Co.	Drawers	6 00
10597	..do.	The Hill & Griffith Co.	Brushes	25 35
10598	..do.	T. P. Kelly & Co.	Glutrin	6 71
10599	..do.	J. T. Ryerson & Son	Steel	8 17
10600	..do.	Guy Fox	Wages, December, 1912	80 40
10601	..do.	Hess Warming & Ventilating Co.	Laboratory apparatus	140 20
10602	..do.	The Letter Shop	Services	18 93
10603	..do.	Swartz Electric Shop	Supplies	13 78
10604	..do.	A. M. & L. A. Terwilliger	Hardware	1 05
10605	..do.	J. R. Gray & Co.	Atlas	7 25
10606	..do.	Eimer & Amend	Apparatus	280 20
10607	..do.	Bausch & Lomb Optical Co.	Burners and apparatus	31 35
10608	..do.	Champaign Gas & Electric Supply Co.	Fixtures	7 85
10609	..do.	Western Electric Co.	Electric supplies	43 75
10610	..do.	Flanigan-Pearson Co.	Stationery	58 79
10611	..do.	E. H. Sargent & Co.	Laboratory apparatus	113 80
10612	..do.	A. C. McClurg & Co.	Books	24 00
10613	..do.	Bacon Brothers	Paints, etc.	48 14
10614	..do.	Yawman & Erbe Mfg. Co.	Cabinets	140 00
10615	..do.	The Taylor Hardware Co.	Hardware	72 18

## GENERAL UNIVERSITY WARRENTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1912.			
10616	Dec. 31	Library Bureau	Supplies	\$ 362 65
10617	do.	Sengbusch Selfclosing Inkstand Co.	Inkstands	18 67
10618	do.	H. Swannell & Son	Supplies	2 75
10619	do.	H. McFadden & Brother	Feed	3 90
10620	do.	J. C. Thomas	Hardware	28 18
10621	do.	B. A. Strauch	Prints, etc.	18 25
10622	do.	Smith & Co.	Tankage	8 70
10623	do.	F. K. Robeson	Dry goods	42 08
10624	do.	The Miller Harness Co.	Harness and repairs	24 80
10625	do.	J. H. Doyle	Hardware	34 90
10626	do.	Illinois State Reformatory	Printing	419 80
10627	do.	F. A. Hawley	Labor and materials	358 29
10628	do.	S. E. Dillavou	Supplies	17 30
10629	do.	J. W. Butler Paper Co.	Paper	8 28
10630	do.	National Engraving Co.	Etchings, etc.	51 75
10631	do.	D. H. Lloyd	Supplies	17 77
10632	do.	Stipes & Hecker	Sand and gravel	64 81
10633	do.	Illinois State Penitentiary	Furniture	188 16
10634	do.	Percival & Moorehead	Hardware	52 10
10635	do.	Montgomery Ward & Co.	do.	162 61
10636	do.	The University of Illinois Supply Store	Supplies	299 52
10637	do.	Lewis Electric Supply Co.	Electrical supplies	75 22
10638	do.	Central Electric Co.	do.	234 87
10639	do.	The Carson-Payson Co.	Labor and materials	240 91
10640	do.	J. B. Bennett	Tile, etc.	28 38
10641	do.	W. Lewis & Co.	Dry goods	7 75
10642	do.	McIntosh Stereopticon Co.	Supplies	7 01
10643	do.	Bennett's Newspaper & Magazine Agency	Subscription	2 00
10644	do.	C. A. Hall Hardware Co.	Hardware	30 14
10645	do.	Metzler & Schafer Co.	Groceries	12 64
10646	do.	Bryan-Marsh Electric Works	Electrical supplies	139 45
10647	do.	The Burr Co.	Hardware	135 44
10648	do.	S. E. Huff & Co.	Lumber, etc.	290 10
10649	do.	The Saffell Co.	Hardware	121 01
10650	do.	Wilhelm Miller	Expenses	4 17
10651	do.	S. P. Negus	Drawing	25 00
10652	do.	A. H. Nehrling	Expenses	3 40
10653	do.	C. E. Durst	do.	2 12
10654	do.	J. F. Ammann	do.	24 80
10655	do.	Frederick Post Co.	Paper	3 00
10656	do.	Jas. G. Biddle	Rheostat	13 17
10657	do.	E. M. Moll	Lamp	3 60
10658	do.	Hegenbart & Dickerson	Groceries	4 80
10659	do.	W. L. Gaines	Expenses	10 86
10660	do.	H. Mueller Mfg. Co.	Apparatus	4 19
10661	do.	Standard Oil Co.	Oil	10 29
10662	do.	Hoskins Mfg. Co.	Rheostate	8 00
10663	do.	Fuller & Fuller Co.	Chemicals	4 50
10664	do.	The Elliott Co.	Stencils	7 00
10665	do.	Chris Egginton	Rental, per contract	100 00
10666	do.	W. R. Hall	Expenses	11 15
10667	do.	W. L. Abbott	do.	180 42
10668	do.	A. P. Grout	do.	101 33
10669	do.	F. G. Blair	do.	19 40
10679	do.	University Club	Services	4 75
10671	do.	O. E. Staples, Chief Clerk	Sundry bills paid	358 67
10672	do.	O. E. Staples, Chief Clerk	Men's payroll	882 44
10673	do.	O. E. Staples, Chief Clerk	Freight bills paid	314 82
10674	do.	O. E. Staples, Chief Clerk	Students' payroll	1,831 27
10675	do.	O. E. Staples, Chief Clerk	Express bills paid	142 91
	1913.			
10676	Jan. 6	E. K. Strachan	Salary, December, 1912	100 00
10677	Jan. 7	M. K. Lipschutz	Books	5 35
10678	do.	M. Poppelaer	do.	53 14
10679	do.	E. J. Townsend	Expenses	27 40
10680	do.	S. F. Prince	Services	5 25
10681	do.	General Acoustic Co.	Dictograph rental	10 50
10682	do.	E. T. Strong	Model	13 00
10683	do.	Geo. L. Koch	Hay	554 76
10684	do.	Twin City Roofing & Sheet Metal Works	Materials	17 93
10685	do.	Wm. Price Estate	Supplies	30 00
10686	do.	The Silica Syndicate, Ltd.	Silica	34 71
10687	do.	White Hall Sewer Pipe & Stoneware Co., Contractors	Final payment on silo	151 36
10688	do.	A. Ten Broeck	Expenses	10 37
10689	do.	Joseph Baer & Co	Books	1 76
10690	do.	Chas. Chadenat	Book	6 30
10691	do.	Porrua Hnos.	Books	17 80
10692	do.	Pickering & Chatto	do.	3 72

## GENERAL UNIVERSITY WARRENTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
10693	Jan. 7	Wm. Reeves	Books	\$ 2 43
10694	do.	H. A. Nollister	Expenses	6 86
10695	do.	Wm. Aten, Sr.	do.	5 82
10696	do.	C. W. Crabtree	do.	7 00
10697	do.	Estate of Hiram Sibley	do.	162 25
10698	do.	O. S. Fisher	do.	152 50
10699	do.	J. G. Mosier	do.	34 34
10700	do.	Rance Sutton	do.	32 67
10701	do.	Frank Webber	Stover	40 84
10702	do.	J. H. Percival	Straw	121 64
10703	do.	Otto Harrassowitz	Books	25 68
10704	do.	W. W. Lindley, Postmaster	Postage	520 19
10705	Jan. 8	M. W. Busey	Milk	13 50
10706	do.	A. D. Sizer	do.	4 64
10707	do.	F. L. Swanson	do.	7 80
10708	do.	R. W. Graham	do.	7 65
10709	do.	E. R. Hamm	do.	6 48
10710	do.	J. A. R. Koch	do.	15 56
10711	do.	W. J. Hewerdine	do.	9 05
10712	do.	Chas. Schwartz	do.	5 74
10713	do.	Fred Thompson	do.	12 19
10714	do.	J. M. Stickrod	do.	21 52
10715	do.	P. P. Dunn	do.	4 42
10716	do.	E. W. Smalley	do.	10 82
10717	do.	J. H. Schwengel	do.	11 14
10718	do.	Jas. Freeman	do.	9 82
10719	do.	G. Taylor	do.	7 90
10720	do.	O. A. McInnes	do.	3 23
10721	do.	John Weiss	do.	11 20
10722	do.	C. Allen	do.	11 39
10723	do.	T. A. McCracken	do.	7 67
10724	do.	W. E. Leigh	do.	4 46
10725	do.	Wm. Case	do.	20.00
10726	do.	I. H. Gordon	do.	8 10
10727	do.	W. E. Yount	do.	15 84
10728	do.	W. H. Gray	do.	7 25
10729	do.	C. A. Richman	do.	11 70
10730	do.	S. Atchison	do.	15 74
10731	do.	A. G. Guard	do.	11 08
10732	do.	J. B. Salliday	do.	9 16
10733	do.	M. Leigh	do.	14 06
10734	do.	I. W. Maxwell	do.	13 50
10735	do.	J. M. Herriott	do.	16 89
10736	do.	M. Hudson	do.	13 53
10737	do.	T. P. Lyons	do.	15 96
10738	do.	J. E. Henderson	do.	10 45
10739	do.	C. C. Gordan	do.	18 46
10740	do.	H. I. Nelson	do.	8 57
10741	do.	A. R. Grindley	do.	5 37
10742	do.	A. J. Putscher	do.	10 95
10743	do.	J. H. Umbanhour	do.	19 11
10744	do.	D. W. Shiveley	do.	17 84
10745	do.	W. W. Meyers	do.	8 12
10746	do.	R. A. Lumsden	do.	8 04
10747	do.	G. F. Diefenbach	do.	13 70
10748	do.	C. A. Fogel	do.	10 15
10749	do.	H. R. Hyde	do.	4 66
10750	do.	W. C. Welch	do.	7 63
10751	do.	E. R. Canady	do.	26 10
10752	do.	M. Cherry	do.	4 11
10753	do.	John McCullough	do.	21 67
10754	do.	David Wilkin	do.	5 69
10755	do.	George Herriott	do.	19 03
10756	do.	H. J. Moorehouse	do.	10 99
10757	do.	Andrew Shields	do.	19 98
10758	do.	W. F. Hampton	do.	11 74
10759	do.	I. H. Besore	do.	20 56
10760	do.	W. H. Frame	do.	7 75
10761	do.	W. J. Wilson	do.	20 67
10762	do.	F. W. Howell	do.	4 59
10763	do.	John Godsell	do.	1 70
10764	do.	Pearl Hazen	do.	12 13
10765	do.	R. S. McInnes	do.	17 19
10766	do.	C. G. Van Holten	do.	9 15
10767	do.	S. Guinn	do.	14 78
10768	do.	F. H. Busey	do.	16 04
10769	do.	W. Davis	do.	7 57
10770	do.	L. F. Lindsey	do.	14 61
10771	do.	G. M. Van Meter	do.	26 10

## GENERAL UNIVERSITY WARRENTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
10772	Jan. 8	Frank Knox	Milk	\$ 10 37
10773	do.	J. M. Smith	do.	8 40
10774	do.	J. B. Marsh	do.	9 09
10775	do.	Cora Stacker	do.	7 88
10776	do.	J. F. Hoy	do.	5 99
10777	do.	C. J. Gillespie	do.	13 73
10778	do.	B. Jordan	do.	29 99
10779	do.	L. P. Rayburn	do.	13 34
10780	do.	E. Grove	do.	15 87
10781	do.	Len Rayburn	do.	14 07
10782	do.	N. C. Kaufman	do.	1 97
10783	do.	Geo. Schiff	do.	20 12
10784	do.	C. Ross	do.	21 05
10785	do.	N. Hahn	do.	4 25
10786	do.	H. Wascher	do.	20 39
10787	do.	S. Herriott	do.	3 55
10788	do.	R. T. Lumsden	do.	9 28
10789	do.	T. F. Jordan	do.	33 77
10790	do.	Munhall Printing House	Printing	3 00
10791	do.	E. A. Wilcox	Expenses	13 57
10792	do.	The Beardsley Hotel Co.	Hotel bill	5 50
10793	do.	Jacob White	Plastering	105 00
10794	do.	Joseph L. Hills, Secretary-treasurer	Dues	35 00
10795	do.	F. A. Odenheimer	Dirt	70 58
10796	do.	A. Barr	Building supplies	174 38
10797	do.	Parker-Russell Mining & Mfg. Co.	Brick	204 08
10798	do.	Dahlstrom Metallic Door Co.	Furnishings	72 75
10799	do.	Freeman & Brooks, Contractors	Payments on contracts	6,911 36
10800	do.	G. I. Aden, Contractor	do.	1,896 00
10801	do.	W. F. M. Goss	Expenses	226 17
10802	do.	W. H. Hogan	Hay	12 00
10803	do.	H. B. Gordon	Books	6 74
10804	do.	Ebner Ice & Cold Storage Co.	Storage	11 50
10805	do.	Jolly, Wieland & Richardson Co.	Tools	10 55
10806	do.	H. H. Lauer	Expenses	2 90
10807	do.	20th Century Press Clipping Bureau	Clippings	7 50
10808	do.	E. T. Ebersoll	Salary, December, 1912	25 20
10809	do.	John Swaney	Rental	36 00
10810	Jan. 9	White Line Steam Laundry	Washing	49 41
10811	do.	Marie A. Hiles	Loan	35 00
10812	do.	B. E. Powell	Expenses	9 28
10813	do.	F. C. Bauer	do.	11 64
10814	do.	Augusta D. Evans	do.	10 72
10815	do.	Maud Parsons	do.	14 84
10816	do.	Florence Harrison	Services	30 00
10817	do.	Jennie C. Barlow	do.	50 10
10818	do.	W. C. Zimmerman	do.	660 00
10819	do.	The Foley Mfg. Co.	Payment on contract	1,700 00
10820	do.	J. L. Edmonds	Expenses	12 29
10821	do.	Leroy Iler	do.	57 12
10822	do.	J. B. Andrews	do.	21 30
10823	do.	C. A. Rowe	do.	7 00
10824	do.	W. F. Handschin	do.	11 52
10825	do.	O. E. Staples, Chief Clerk	Express bills paid	68 74
10826	do.	O. E. Staples, Chief Clerk	Freight bills paid	544 08
10827	Jan. 10	E. H. Swigert	Tuning pianos	12 50
10828	do.	Marshall, Field & Co.	Mats	58 98
10829	Jan. 11	Asbury Crice	Wages, December, 1912	52 60
10830	do.	Herman Fechttruph	do.	49 80
10831	do.	Rolla Carson	do.	51 40
10832	do.	John Cooly	do.	49 20
10833	do.	Chester Turner	do.	43 50
10834	do.	J. C. Fiscus	do.	76 80
10835	do.	J. H. Carter	Expenses	171 40
10836	do.	Freeman & Brooks, Contractors	Payment on contracts	3,765 75
10837	do.	H. K. Baltzer	Expenses	5 35
10838	do.	R. C. Kastler	do.	4 18
10839	do.	A. F. Krueger	do.	11 47
10840	do.	C. W. Beardsley	do.	2 15
10841	do.	C. Beers	do.	4 54
10842	do.	W. H. Stevens	do.	14 40
10843	do.	John Balcom	do.	9 18
10844	do.	H. S. Cash	do.	69 97
10845	do.	H. A. Dewerff	do.	26 80
10846	do.	Cornelius Stocker	Traveling expenses	10 00
10847	do.	Freeman & Brooks, Contractors	Payment on contract	383 35
10848	do.	W. W. Blake	Books	14 00
10849	do.	H. A. Hollister	Expenses	17 05
10850	do.	Rosa-Lee Gaut	Wages, December, 1912	35 00

## GENERAL UNIVERSITY WARRENTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
10851	Jan. 11	Jennie A. Mathers.....	Salary, December, 1912.	\$ 50 00
10852	..do..	Fred Hocker.....	..do..	34 84
10853	..do..	O. S. Fisher.....	Bills paid.....	16 48
10854	..do..	C. G. Hopkins.....	Expenses.....	16 65
10855	..do..	C. A. Campbell.....	..do..	71 12
10856	..do..	J. E. Whitechurch.....	..do..	60 29
10857	..do..	G. F. Tullock.....	..do..	219 53
10858	..do..	H. D. Oberdorfer.....	..do..	20 96
10859	..do..	The Burr Co.....	Hardware and payments on con-	
			tracts.....	2, 220 33
10860	Jan. 13	Chas. Schuchert.....	Maps.....	8 00
10861	..do..	W. S. Bayley.....	Supplies.....	9 80
10862	..do..	Library of Congress.....	Catalog cards.....	75 00
10863	..do..	H. H. Richards.....	Team.....	425 00
10864	..do..	J. F. Johnson.....	Services.....	76 00
10865	..do..	Taylor & Jones.....	Mare.....	850 00
10866	..do..	Paul Hansen.....	Expenses.....	13 96
10867	..do..	W. G. Stromquist.....	..do..	16 25
10868	..do..	English Brothers, Contractors.....	Payment on contract.....	3, 624 70
10869	Jan. 14	W. W. Lindley Postmaster.....	Deposit on postage.....	10 00
10870	..do..	J. O. Toland.....	Corn.....	2 50
10871	..do..	Edgar Hermann.....	Expenses.....	4 00
10872	..do..	J. H. Pettit.....	Books.....	10 00
10873	..do..	J. W. Dunlap, Contractor.....	Final payment on contract.....	150 00
10874	..do..	University Blue Building Assn.....	Tank.....	25 00
10875	..do..	C. E. Hopkins.....	Corn.....	30 00
10876	..do..	Mrs. Giles Porter.....	Rental.....	100 00
10877	..do..	N. W. Hepburn.....	Expenses.....	7 65
10878	..do..	H. L. Gannett.....	Services.....	62 00
10879	..do..	F. C. Lincoln.....	Expenses.....	19 80
10880	..do..	Laura B. Evans.....	..do..	36 15
10881	..do..	C. M. McConn.....	..do..	37 27
10882	Jan. 15	O. E. Staples, Chief Clerk.....	Men's payroll.....	327 97
10883	..do..	O. E. Staples, Chief Clerk.....	Freight bills paid.....	521 87
10884	..do..	O. E. Staples, Chief Clerk.....	Sundry bills paid.....	220 50
10885	..do..	O. E. Staples, Chief Clerk.....	Freight bills paid.....	212 33
10886	..do..	O. E. Staples, Chief Clerk.....	Students' payroll.....	741 51
10887	..do..	O. E. Staples, Chief Clerk.....	Express bills paid.....	74 49
10888	..do..	W. W. Lindley, Postmaster.....	Postage.....	342 00
10889	..do..	B. A. Strauch.....	Photographs.....	30 87
10890	..do..	Twin City Roofing & Sheet Metal Works.....	Supplies.....	28 40
10891	..do..	G. C. Willis.....	Dry goods.....	22 29
10892	..do..	Western Carbon & Ribbon Co.....	Coupon books.....	142 15
10893	..do..	G. E. Stechert & Co.....	Books.....	45 50
10894	..do..	Rand, McNally & Co.....	Atlas.....	13 04
10895	..do..	E. H. Sargent & Co.....	Supplies.....	311 29
10896	..do..	Twin City Ice & Cold Storage Co.....	Ice books.....	38 00
10897	..do..	The Saffell Co.....	Hardware.....	4 95
10898	..do..	Meyer & Wenthe.....	Stamps.....	2 06
10899	..do..	Martin Metz.....	Repairing.....	8 00
10900	..do..	J. F. Umpleby.....	Hay.....	281 69
10901	..do..	Underwood Typewriter Co., Inc.....	Machine.....	22 05
10902	..do..	A. S. Nelson & Sons.....	Supplies.....	7 87
10903	..do..	Mittendorf & Kiler.....	Furniture.....	30 30
10904	..do..	Percival & Moorehead.....	Hardware.....	20 18
10905	..do..	R. C. Wagner & Son.....	Coal and hauling.....	78 09
10906	..do..	C. J. Welch.....	Concrete work.....	72 32
10907	..do..	W. W. Walls & Co.....	Lumber.....	13 90
10908	..do..	Whitall Tatum Co.....	Laboratory apparatus.....	19 37
10909	..do..	Reliable Plumbing & Heating Co.....	Service and supplies.....	240 47
10910	..do..	A. J. Todd.....	Bills paid.....	1 20
10911	..do..	Brother Leo.....	Services.....	15 00
10912	..do..	Edwin Walworth.....	Wages, December, 1912.....	50 00
10913	..do..	James O'Brien.....	..do..	28 00
10914	..do..	Electric Coal Co.....	Screenings.....	3, 513 75
10915	..do..	Ralph Hilscher.....	Expenses.....	27 81
10916	..do..	H. F. Ferguson.....	..do..	4 19
10917	..do..	Paul Hansen.....	..do..	3 00
10918	Jan. 16	S. E. Huff & Co.....	Lumber.....	624 25
10919	..do..	D. H. Loyde.....	Supplies.....	84 64
10920	..do..	Standard Oil Co.....	Oil.....	44 71
10921	..do..	Sengbush Selfclosing Inkstand Co.....	Inkstands.....	3 00
10922	..do..	Bryan-Marsh Electric Works.....	Electric supplies.....	383 83
10923	..do..	General Electric Co.....	..do..	140 86
10924	..do..	Derrough & Co.....	Hardware.....	45 14
10925	..do..	Dallenbach Brothers.....	Laboratory supplies.....	1 95
10926	..do..	Eisner Grocery Co.....	Groceries.....	5 25
10927	..do..	C. A. Hall Hardware Co.....	Hardware.....	21 40
10928	..do..	Illinois State Penitentiary.....	Furniture.....	197 25

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
10929	Jan. 16	Knowlton & Bennett.....	Supplies.....	\$ 13 10
10930	do.	Illinois State Reformatory.....	Printing.....	295 45
10931	do.	Chivers Bookbinding Co.....	Bookbinding.....	2 80
10932	do.	L. T. Brownfield.....	Hardware.....	16 50
10933	do.	Green Street Pharmacy.....	Supplies.....	13 57
10934	do.	Twin City Printing Co.....	Printing.....	33 85
10935	do.	Central Electric Co.....	Electrical supplies.....	110 86
10936	do.	Champaign Daily Gazette.....	Advertising.....	6 60
10937	do.	H. McGlade.....	Apparatus.....	32 40
10938	do.	P. S. Campbell.....	Printing.....	12 00
10939	do.	Bacon Brothers.....	Paint, etc.....	12 75
10940	do.	J. B. Bennett.....	Building materials.....	211 50
10941	do.	The Beardsley Hotel Co.....	Hotel bills.....	5 35
10942	do.	Leavitt Mfg. Co.....	Supplies.....	72 83
10943	do.	W. Lewis & Co.....	Sheeting and cambric.....	10 33
10944	do.	Kueffell & Esser Co.....	Pencils.....	40 01
10945	do.	Geo. O. Shields.....	Lectures.....	50 00
10946	do.	O. E. Staples, Chief Clerk.....	Payment on Snyder fund deposits.....	300 00
10947	Jan. 17	Monarch Electric & Wire Co.....	Wire.....	699 34
10948	do.	Illinois Motor Car Sales Co.....	Livery.....	10 25
10949	do.	J. R. Gray & Co.....	Atlas.....	7 00
10950	do.	Indianapolis Blue Print & Supply Co.....	Paper.....	3 50
10951	do.	The Chicago Packing House Market.....	Meats.....	1 82
10952	do.	Woldenberg & Schar.....	Laboratory supplies.....	7 75
10953	do.	F. M. Leslie.....	Photos.....	5 00
10954	do.	The L. S. Starrett Co.....	Rubber tips.....	2 72
10955	do.	Ward Leonard Electric Co.....	Repairs.....	10 50
10956	do.	W. D. Messinger & Co.....	Paper cutter.....	1 00
10957	do.	Kimble-Durand Glass Co.....	Tubes.....	10 15
10958	do.	Harvard College Library.....	Cards.....	9 60
10959	do.	Mrs. F. W. Carpenter.....	Aprons.....	6 00
10960	do.	Illinois Printing Co.....	Printing.....	96 25
10961	do.	Jacob Reed's Sons.....	Flags.....	14 85
10962	do.	Treasurer, Mil. Ser. Inst.....	Subscription.....	2 40
10963	do.	Narragansett Machine Co.....	Repairs.....	3 50
10964	do.	The Letter Shop.....	Mimeographing.....	12 95
10965	do.	F. L. Swanson & Son.....	Groceries.....	3 39
10966	do.	C. H. Stoelting Co.....	Laboratory supplies.....	34 47
10967	do.	C. O. Widmayer.....	Reeds.....	6 00
10968	do.	E. P. Dolbey & Co.....	Map.....	24 00
10969	do.	Schneider & Trenkamp Co.....	Supplies.....	2 03
10970	do.	The Miller Harness Co.....	Blankets.....	4 95
10971	do.	W. P. Messler & Co.....	Tree protectors.....	15 00
10972	do.	Frison Carriage Shop.....	Repairs.....	6 05
10973	do.	Twin City Feed Mill & Coal Yard.....	Grinding corn.....	5 20
10974	do.	Western Roofing & Supply Co.....	Covering.....	15 15
10975	do.	Metzler & Schaler Co.....	Groceries.....	43 76
10976	do.	J. P. Stout.....	Services.....	20 00
10977	do.	Stock Yards Harness & Saddlery Co.....	Harness supplies.....	23 25
10978	do.	Julius Andrae & Sons Co.....	Telephone arms.....	8 00
10979	do.	A. H. Barber Creamery Supply Co.....	Dairy supplies.....	2 40
10980	do.	Swartz Electric Shop.....	Electric supplies.....	5 78
10981	do.	Southern Illinois Penitentiary.....	Dry goods.....	14 00
10982	do.	W. M. Davis.....	Repairing.....	2 00
10983	do.	The Urbana Courier Co.....	Printing.....	16 00
10984	do.	Oldham Brothers.....	Papers.....	2 00
10985	do.	Missouri Fire Brick Co.....	Tile.....	33 20
10986	do.	Vaughans Seed Store.....	Seeds.....	5 00
10987	do.	Green Engineering Co.....	Supplies.....	66 96
10988	do.	National Steam Specialty Co.....	Valves.....	14 40
10989	do.	Union Clay Products Co.....	Clay.....	2 50
10990	do.	Scientific Materials Co.....	Burners.....	12 55
10991	do.	H. Swannell & Son.....	Supplies.....	4 30
10992	do.	Westinghouse Electric & Mfg. Co.....	do.....	53 40
10993	do.	The Roessler & Rasslacher Chemical Co.....	Acetone.....	14 50
10994	do.	Foote Mineral Co.....	Supplies.....	11 80
10995	do.	The Denver Fire Clay Co.....	Bone ash.....	17 50
10996	do.	A. M. & L. A. Terwilliger.....	Gas oven.....	3 00
10997	do.	Stipes & Hecker.....	Gravel.....	5 30
10998	do.	C. H. Dana.....	Labels.....	1 00
10999	do.	Kelso & Hills.....	Iron brackets.....	3 50
11000	do.	Harshaw, Fuller & Goodwin Co.....	Magnesite.....	24 86
11001	do.	The Linde Air Products Co.....	Oxygen.....	4 00
11002	do.	Henry Blattner.....	Latern slides.....	18 60
11003	do.	Western Valve Co.....	Valves.....	29 70
11004	do.	Central Scientific Co.....	Laboratory supplies.....	24 50
11005	do.	S. W. Card Mfg. Co.....	Apparatus.....	4 65
11006	do.	The Linkenheimer Co.....	Gages.....	4 73
11007	do.	Central Scientific Co.....	Supplies.....	33 43

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
11008	Jan. 17	Cooper-Hewitt Electric Co.	Burner.	\$ 27 88
11009	..do.	J. F. Wilder.	Hook worms.	10 00
11010	..do.	The Babcock & Wilcox Co.	Labor and materials.	216 14
11011	..do.	Champaign Seed Co.	Seeds.	2 10
11012	..do.	F. R. Muller & Co., Contractors.	Payment on contract.	149 88
11013	..do.	Callaghan & Co.	Books.	19 75
11014	..do.	Current Literature Publishing Co.	Subscription.	3 00
11015	..do.	L. O. Howard, Secretary.	Dues.	3 00
11016	..do.	The University Society.	Encyclopedia.	23 50
11017	..do.	Chas. Evans.	Book.	15 00
11018	..do.	The Brown Print Shop.	Books.	1 35
11019	..do.	National Federation of Musical Clubs.	..do.	3 37
11020	..do.	Frederick Loser & Co.	Book.	5 24
11021	..do.	John Wiley & Sons.	Explosives.	3 00
11022	..do.	McGraw Hill Book Co.	Book.	1 70
11023	..do.	Western Kieley Steam Specialty Co.	Regulators.	21 00
11024	..do.	R. D. Nutall Co.	Coupling.	8 10
11025	..do.	Machinists Supply Co.	Materials.	1 26
11026	..do.	R. L. Polk & Co.	Directories.	18 00
11027	..do.	Review Printing & Stationery Co.	Directory.	6 00
11028	..do.	Pantagraph Printing & Stationery Co.	Printing.	115 42
11029	..do.	J. Manz Engraving Co.	Half-tones.	3 75
11030	..do.	Henion & Hubbell.	Sprayer.	11 25
11031	..do.	C. F. Witt.	Pads.	1 75
11032	..do.	The Zenner Disinfectant Co.	Zenoleum.	12 50
11033	..do.	H. W. Miller.	Multigraph equipment.	250 00
11034	..do.	The University Press.	Books printed.	8 25
11035	..do.	J. H. Doyle.	Hardware.	60 49
11036	..do.	Clapp-Eastham Co.	Apparatus.	49 05
11037	..do.	Jennie C. Barlow.	Services.	30 00
11038	..do.	T. R. Isaacs.	..do.	50 00
11039	..do.	Balanced Ration Feed Co.	Hay.	264 00
11040	..do.	C. M. App & Son.	Services.	40 00
11041	..do.	A. H. Revell & Co.	Furniture.	599 80
11042	..do.	Burke & James.	Supplies.	25 70
11043	..do.	Crane Co.	Hardware.	32 84
11044	..do.	Eschanbach Printing Co.	Book.	7 25
11045	..do.	P. S. Campbell.	Blanks.	39 00
11046	..do.	The Brookmire Economic Service.	Services.	50 00
11047	..do.	C. C. Logan.	Expenses.	104 32
11048	..do.	L. K. Howse & Co.	Carrots.	7 50
11049	..do.	The Taylor Hardware Co.	Hardware.	14 20
11050	..do.	C. H. Beasley & Co.	..do.	7 87
11051	..do.	Bausch & Lomb Optical Co.	Laboratory apparatus.	656 50
11052	..do.	Ernst Hertzberg & Sons.	Book binding.	216 17
11053	..do.	Creamery Package Mfg. Co.	Dairy supplies.	26 62
11054	..do.	J. W. Nutler Paper Co.	Paper, etc.	270 05
11055	..do.	Helendale Farms.	Guernseys.	1,150 00
11056	..do.	G. E. Stechert & Co.	Books.	82 31
11057	..do.	A. O. Magnuson.	Blue prints.	271 98
11058	Jan. 18	V. Jobst & Sons, Contractors.	Payment on contract.	856 67
11059	..do.	J. T. Shotwell.	Honorarium.	150 00
11060	..do.	A. W. Stoolman, Contractor.	Payment on contract.	4,930 00
11061	Jan. 20	The Association of American Universities	Assessments, 1913	40 00
11062	..do.	A. J. Todd.	Expenses.	3 30
11063	..do.	Imperial Cotto Milling Co.	Bran.	340 50
11064	..do.	Crescent Paper Co.	Paper.	5 09
11065	..do.	J. L. Edmonds.	Expenses.	6 10
11066	..do.	I. F. Burdick.	..do.	15 84
11067	..do.	American Radiator Co.	Flue.	16 92
11068	..do.	Silica Syndicate.	Apparatus.	6 41
11069	..do.	Earl Garver.	Expenses.	32 02
11070	..do.	F. A. Odernheimer, Contractor.	Payment on contract.	29 20
11071	..do.	Keasbey & Mattison Co.	Paper.	6 85
11072	..do.	American Ever Ready Co.	Counter.	3 72
11073	..do.	Jones & Laughlin Steel Co.	Steel.	4 85
11074	..do.	Bertram Dobell.	Books.	3 22
11075	..do.	Advance Packing & Supply Co.	Valves.	82 25
11076	..do.	G. E. Stechert & Co.	Books.	275 03
11077	..do.	A. C. McClurg & Co.	..do.	99 47
11078	..do.	The Collier Guardian Co.	Subscription.	6 97
11079	..do.	T. J. Burrill.	Allowance.	250 00
11080	..do.	R. B. Johnson.	Repairing chairs.	6 00
11081	..do.	Buxton & Skinner.	Stationery.	4 10
11082	..do.	McKey & Poague.	Rental of quarters.	500 00
11083	..do.	Crerar Adams & Co.	Handles.	1 53
11084	..do.	Moody's Magazine.	Subscription.	3 50
11085	..do.	Frank Morgan.	Expenses.	22 45
11086	..do.	D. Appleton & Co.	Book.	3 75



## GENERAL UNIVERSITY WARRENTS—Continued.

No.	Date.	To whom.	For what	Amount.
	1913.			
11087	Jan. 20	Gustave Fock	Books	\$ 55 87
11088	do	Theodore Kundtz	Chairs	1,823 29
11089	do	Illinois Press Clipping Bureau	Clippings	10 00
11090	do	Flanigan-Pearson Co.	Printing	208 45
11091	do	H. W. Johns-Manville Co.	Conduit, etc.	625 58
11092	do	The Burr Co.	Supplies	113 71
11093	do	Bennett's Newspaper & Magazine Agency	Subscriptions	123 65
11094	do	Pownier's Book Store	Books	96 46
11095	do	H. F. Chester	Hauling, etc.	40 13
11096	do	A. C. McClurg & Co.	Books	50 91
11097	Jan. 21	Mary E. Busey	Expenses	59 51
11098	do	The Alumni Association	Allowance	250 00
11099	do	M. Poppelauer	Books	8 86
11100	do	Louis Lamm	do	17 87
11101	do	J. Kauffmann	do	22 63
11102	do	Otto Harrassowitz	do	23 53
11103	do	White Line Steam Laundry	Washing	24 56
11104	do	A. J. Warren Brush Co.	Brushes	28 00
11105	do	A. L. A. Publishing Board	Work on reprint	2 50
11106	do	Western Biological Supply Co.	Supplies	39 50
11107	do	The Live Stock Journal	Subscription	11 15
11108	do	Addressograph Co.	Drawers	1 50
11109	do	Hughson Steam Specialty Co.	Regulator	24 57
11110	do	Champaign & Urbana Water Co.	Water permit	37 50
11111	do	Toledo Pipe Threading Machine Co.	Labor and materials	14 50
11112	do	Parker-Russell Mining & Mfg. Co.	Clay and brick	283 60
11113	do	H. W. Johns-Manville Co.	Supplies	91 80
11114	do	Thordarson Electric Mfg. Co.	Induction coil	72 00
11115	do	G. E. Warner	Books	8 75
11116	do	The Willis Music Co.	Music, etc.	4 84
11117	do	John Skinner	Books	2 26
11118	do	Preston & Rounds Co.	Book	1 50
11119	do	D. H. Newhall	do	5 00
11120	do	The Rare Book Shop	do	2 21
11121	do	Otto Harrassowitz	Books	73 49
11122	do	Francis Edwards	do	20 82
11123	do	K. W. Hiersemann	do	13 10
11124	do	Alphonse Picard & Fils	do	12 97
11125	do	Geo. Gregory	do	6 45
11126	do	Edward Turnbull	do	2 50
11127	do	Robert Appleton Co.	Encyclopedia	6 00
11128	do	Edw. J. Nolan, Treasurer	Book	5 00
11129	do	Pickering & Chatto	Books	22 97
11130	do	Edith Welty	Expenses	3 42
11131	do	H. A. Hollister	do	27 72
11132	do	U. S. Reduction Co.	Metals	199 02
11133	do	Pratt & Whitney Co.	Milling cutter	25 00
11134	do	J. T. Ryerson & Son	Rivets	2 15
11135	do	J. B. Cook	Expenses	26 50
11136	do	J. M. Fry & Son	Middlings	16 00
11137	do	Crane Co.	Metal supplies	9 73
11138	do	The Alexander Lumber Co.	Lumber	129 15
11139	do	Twin City Roofing & Sheet Metal Works	Roofing	66 50
11140	do	G. W. Sheldon & Co.	Fees and charges	14 07
11141	do	S. E. Huff & Co.	Lumber	179 95
11142	do	Central Electric Co.	Electrical supplies	178 72
11143	do	P. P. Dunn	Milk	5 11
11144	do	E. W. Smalley	do	11 88
11145	do	J. H. Schwengel	do	6 24
11146	do	Jas. Freeman	do	11 88
11147	do	G. Taylor	do	6 48
11148	do	O. A. McInnes	do	2 12
11149	do	John Weiss	do	16 74
11150	do	C. Allen	do	5 72
11151	do	J. W. Butler Paper Co.	Supplies	193 03
11152	Jan. 22	R. Graham	Milk	6 34
11153	do	A. D. Sizer	do	2 30
11154	do	J. C. Anderson	do	3 96
11155	do	T. N. Ghere	do	7 31
11156	do	G. M. Seeber	do	7 20
11157	do	J. E. Haney	do	3 96
11158	do	Van Carter	do	9 79
11159	do	C. C. Rayburn	do	7 10
11160	do	Z. C. Keene	do	4 28
11161	do	J. M. Stickrod	do	6 01
11162	do	J. A. R. Koch	do	15 59
11163	do	Wm. Case	do	10 55
11164	do	I. H. Gordon	do	12 75
11165	do	W. E. Yount	do	7 67

## GENERAL UNIVERSITY WARRENTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
11166	Jan. 22	W. H. Gray	Milk	\$ 6 59
11167	do.	E. R. Hamm	do.	6 34
11168	do.	S. Atkinson	do.	8 75
11169	do.	Fred Thompson	do.	4 07
11170	do.	A. G. Guard	do.	3 46
11171	do.	J. B. Salliday	do.	10 33
11172	do.	M. Leigh	do.	4 86
11173	do.	I. W. Maxwell	do.	11 09
11174	do.	J. M. Herriott	do.	9 72
11175	do.	Wm. Foor	do.	5 15
11176	do.	M. Hudson	do.	7 49
11177	do.	T. P. Lyons	do.	8 46
11178	do.	J. E. Henderson	do.	12 21
11179	do.	C. C. Gordon	do.	10 66
11180	do.	L. P. Womacks	do.	5 80
11181	do.	H. I. Nelson	do.	6 24
11182	do.	A. R. Grindley	do.	5 73
11183	do.	A. J. Putscher	do.	8 06
11184	do.	D. W. Shiveley	do.	8 53
11185	do.	W. W. Meyer	do.	5 76
11186	do.	R. A. Lumsden	do.	6 38
11187	do.	C. F. Diefenbach	do.	5 94
11188	do.	C. A. Fogel	do.	9 36
11189	do.	W. C. Welch	do.	7 67
11190	do.	E. R. Canady	do.	17 93
11191	do.	M. Cherry	do.	5 00
11192	do.	John McCullough	do.	22 34
11193	do.	David Wilkins	do.	2 63
11194	do.	George Herriott	do.	14 62
11195	do.	H. J. Moorehouse	do.	2 16
11196	do.	Andrew Shields	do.	13 42
11197	do.	W. F. Hampton	do.	6 91
11198	do.	I. H. Besore	do.	7 86
11199	do.	W. J. Wilson	do.	11 77
11200	do.	F. W. Howell	do.	9 61
11201	do.	Pearl Hazen	do.	16 27
11202	do.	R. S. McInnes	do.	7 27
11203	do.	C. G. Van Holten	do.	10 29
11204	do.	S. Guinn	do.	9 61
11205	do.	F. H. Busey	do.	5 72
11206	do.	W. Davis	do.	4 14
11207	do.	L. F. Lindsey	do.	9 69
11208	do.	G. W. Van Meter	do.	21 46
11209	do.	Frank Knox	do.	5 33
11210	do.	J. M. Smith	do.	2 34
11211	do.	J. B. Marsh	do.	8 10
11212	do.	Cora Stacker	do.	5 98
11213	do.	J. F. Hoy	do.	3 31
11214	do.	C. J. Gillespie	do.	7 63
11215	do.	B. Jordan	do.	2 41
11216	do.	L. P. Rayburn	do.	12 06
11217	do.	B. Grove	do.	6 37
11218	do.	Len Rayburn	do.	4 03
11219	do.	F. C. Kaufman	do.	3 06
11220	do.	Geo. Schiff	do.	16 24
11221	do.	C. Ross	do.	12 85
11222	do.	N. Hahn	do.	3 46
11223	do.	R. H. Brewer	do.	4 90
11224	do.	H. Wascher	do.	15 80
11225	do.	S. Herriott	do.	1 01
11226	do.	R. T. Lumsden	do.	6 80
11227	do.	T. F. Jordan	do.	33 19
11228	do.	Sanitary Creamery Co	do.	6 46
11229	do.	T. A. McCracken	do.	8 07
11230	do.	H. J. Williams	Expenses	5 94
11231	do.	R. C. Wagner & Son	Coal and hauling	26 15
11232	do.	The Journal of Biological Chemistry	Subscription	13 15
11233	do.	The Powers Regulator Co	Labor and material	12 30
11234	do.	J. M. Lindgren	Analyses	6 00
11235	Jan. 23	Alphons-Custodis Chimney Construction Co., Contractors	Payment on contract	346 67
11236	do.	S. J. Buck	Expenses	54 05
11237	Jan. 25	H. V. Roberts	Lantern slides	21 00
11238	do.	H. A. Haugan, Treasurer	Office expenses	150 00
11239	do.	P. F. Meharry	Rent of horse	2 50
11240	do.	J. M. Lindgren	Analyses	62 50
11241	do.	Mary B. Lindsay	Expenses	16 30
11242	do.	Madison Bentley	Furniture	13 67
11243	do.	H. I. Carpenter	Tuning pianos	8 75

## GENERAL UNIVERSITY WARRENTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
11244	Jan. 25	C. J. Kern.	Services.	\$ 40 00
11245	do.	W. G. Eckhardt.	Lecture.	15 00
11246	do.	A. A. Armstrong.	Services.	10 00
11247	do.	C. C. Pervier.	Lecture.	15 00
11248	do.	E. R. Barker.	do.	25 00
11249	do.	Cora Gray.	Bill paid.	1 00
11250	do.	H. W. Mumford.	Expenses.	6 99
11251	do.	W. H. Calliher.	do.	60 20
11252	do.	C. C. Chapman.	do.	1 74
11253	do.	Cornelius Stocker.	do.	10 00
11254	do.	A. S. Ambrose.	do.	26 80
11255	do.	D. M. Sims, Contractor.	Payment on contract.	102 00
11256	do.	Jay Garrett.	Expenses.	42 20
11257	do.	E. E. Hoskins.	do.	76 52
11258	do.	W. F. Handschin.	do.	5 91
11259	do.	W. D. Allen Mfg. Co.	Hose, etc.	196 73
11260	Jan. 28	George A. Ogle & Co.	Atlas.	15 00
11261	do.	E. P. Hall.	Lecture.	15 00
11262	do.	Minni S. Granger.	Expenses.	11 04
11263	do.	Mary Snow.	do.	6 49
11264	do.	J. K. Kincaid.	Services.	60 00
11265	do.	H. J. Sconce.	do.	50 00
11266	do.	L. J. Towne.	Expenses.	5 64
11267	do.	Mittendorf & Kiler.	Payment on contract.	141 45
11268	do.	C. C. Chapman.	Expenses.	10 32
11269	do.	Bertram Dobell.	Books.	5 87
11270	do.	Luzac & Co.	do.	20 70
11271	do.	O. W. Hoit.	Expenses.	378 67
11272	do.	E. F. Burch.	do.	8 28
11273	do.	H. A. Hollister.	do.	32 34
11274	do.	Paul Gottschalk.	Books.	185 35
11275	do.	J. W. Amrine.	Hay.	320 43
11276	Jan. 29	A. R. Stechle.	Butter.	1 50
11277	do.	L. P. McMillen.	do.	1 25
11278	do.	Mrs. George Spates.	do.	1 25
11279	do.	J. W. Keener.	do.	1 25
11280	do.	A. E. Barnes.	do.	1 25
11281	do.	Mrs. W. M. Stanley.	do.	1 25
11282	do.	Chas. Foss.	do.	1 25
11283	do.	Joseph Meyers.	do.	1 25
11284	do.	C. D. Bartlett.	do.	1 25
11285	do.	Bessie Dye.	do.	1 25
11286	do.	Mrs. G. W. Dugger.	do.	2 50
11287	do.	Sanitary Creamery Co.	do.	6 00
11288	do.	F. J. Weddige.	do.	8 60
11298	do.	J. R. Newberry.	do.	1 53
11290	do.	J. P. Jones.	do.	7 95
11291	do.	C. E. Mortensen.	do.	8 90
11292	do.	L. H. Knige.	do.	6 72
11293	do.	M. E. Simonson.	do.	8 16
11294	do.	Sam Grimm.	do.	8 50
11295	do.	C. P. Jacobson.	do.	5 00
11296	do.	P. J. Peterson.	do.	5 40
11297	do.	H. M. Krog.	do.	8 60
11298	do.	Phil Walters.	do.	3 00
11299	do.	G. J. Deardorf.	do.	5 00
11300	do.	O. S. Coffin.	do.	1 70
11301	do.	Chas. Fildes.	do.	1 79
11302	do.	L. L. Williams.	do.	2 00
11303	do.	Wm. Englebrecht.	do.	6 00
11304	do.	G. N. Bost.	do.	5 20
11305	do.	C. W. Swatck.	do.	1 79
11306	do.	Green River Creamery Co.	do.	7 80
11307	do.	Geo. Cutler.	do.	5 40
11308	do.	Yen Stovring.	do.	4 90
11309	do.	Ferdinand Grimm.	do.	5 40
11310	do.	W. F. Conway.	do.	5 22
11311	do.	A. H. Wilcox.	do.	5 72
11312	do.	Galesburg Creamery & Butter Co.	do.	1 44
11313	do.	R. J. Collier.	do.	9 61
11314	do.	Wm. Bramstedt.	do.	4 89
11315	do.	G. W. Hoppenstedt.	do.	6 08
11316	do.	N. Muller.	do.	8 25
11317	do.	Lois Johnson.	do.	8 30
11318	do.	Illinois State Dairymen's Assn.	Entry fees.	30 00
11319	do.	Narragansett Machine Co.	Lockers and apparatus.	627 66
11320	do.	C. H. Miller.	Laboratory supplies.	66 50
11321	do.	D. M. Riff.	Loan.	150 00
11322	do.	C. D. Ettinger.	Chickens.	50 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	For whom.	For what.	Amount.
	1913.			
11323	Jan. 29	Fannie Brooks.	Chickens	\$ 70 00
11324	do.	C. N. Marthens Marble Co.	Labor	71 30
11325	do.	W. D. Gates.	Traveling expenses.	8 00
11326	do.	A. W. Gates.	do.	8 96
11327	do.	E. W. Walker & Sons.	Team	487 50
11328	do.	J. W. Stipes.	Relaying pavement.	184 00
11329	do.	Underwood Typewriter Co.	Machines.	71 75
11330	do.	Willett & Gray.	Subscription.	5 00
11331	do.	G. W. Sheldon & Co.	Fees and charges.	15 87
11332	do.	G. E. Stechert & Co.	Books.	342 97
11333	do.	Ralph Hillscher.	Traveling expenses.	40 45
11334	do.	C. J. Welch.	Concrete work.	27 79
11335	do.	The Frederick Post Co.	Supplies.	61 20
11336	do.	University Club.	Entertaining.	6 20
11337	do.	The U. & C. Railway Gas & Electric Co.	Labor and material.	14 56
11338	do.	The U. of I. Supply Store.	Stationery, etc.	199 27
11339	do.	A. C. McClurg & Co.	Books.	466 41
11340	do.	G. E. Stechert & Co.	do.	328 99
11341	do.	Reliable Plumbing & Heating Co.	Supplies.	183 78
11342	do.	E. L. Shuman.	Services and expenses.	55 89
11343	do.	W. D. Gibbs.	Services.	25 00
11344	do.	J. W. Dunlap, Contractor.	Final payment on contract.	82 00
11345	do.	J. J. Rinaud.	Rent.	130 00
11346	do.	Theodore Frison.	Specimens.	3 23
11347	do.	Lloyd Monical.	Corn.	55 38
11348	do.	J. M. Lindgren.	Analyses.	22 00
11349	do.	B. F. Workman.	Rental.	70 00
11350	Jan. 30	Ernst Leitz.	Eye-piece.	15 21
11351	do.	Chicago Fire Proof Storeage Warehouse.	Storage.	4 50
11352	do.	American Florist Co.	Subscription.	1 00
11353	do.	The J. B. Ford Co.	Cleanser.	25 00
11354	do.	Champaign Steam Laundry.	Laundry work.	18 00
11355	do.	Footo Mineral Co.	Asbestos fiber.	1 00
11356	do.	Asa L. Shipman's Sons.	Binders.	8 00
11357	do.	The Fitch Dustdown Co.	Mops.	24 00
11358	do.	P. Adams, Contractor.	Hauling.	23 80
11359	do.	Wm. G. Johnston & Co.	Paper files.	3 20
11360	do.	P. S. Campbell.	Printing.	12 00
11361	do.	Western Carbon & Ribbon Co.	Ribbons.	4 67
11362	do.	F. W. Woolworth & Co.	Pans.	1 70
11363	do.	Champaign Gas & Electric Supply Co.	Lamp.	3 25
11364	do.	The National Federation of Musical Clubs.	Books.	3 25
11365	do.	Yawman & Erbe Mfg. Co.	Cards.	39 80
11366	do.	Louden Machinery Co.	Fixtures.	9 00
11367	do.	L. T. Brownfield.	Belt, etc.	34 15
11368	do.	The Miller Harness Co.	Halters, etc.	11 50
11369	do.	D. S. Lake.	Apple seedlings.	20 65
11370	do.	McIntosh Stereopticon Co.	Carbons.	8 00
11371	do.	The Storrs & Harrison Co.	Rose stock.	5 75
11372	do.	Leasures China Shop.	Chinaware.	11 15
11373	do.	Charles Mollett.	Labor and material.	9 40
11374	do.	National X-Ray Reflector Co.	Supplies.	57 60
11375	do.	R. F. Hildebrand.	Lantern slides.	16 60
11376	do.	20th Century Press Clipping Bureau.	Clippings.	2 50
11377	do.	Corbin Cabinet Lock Co.	Key blanks.	3 77
11378	do.	D. U. Augspurger & Sons Co.	Seedlings.	3 00
11379	do.	American LaFrance Fire Engine Co.	Gaskets, etc.	7 32
11380	do.	Bryan-Marsh Electric Works.	Lamps.	35 50
11381	do.	James H. Rice Co.	Glass.	34 38
11382	do.	Illinois Electrical Mfg. Co.	Repairing armature.	29 70
11383	do.	Jewell Belting Co.	Plunger.	15 99
11384	do.	Twin City Electric Co.	Cord.	3 60
11385	do.	Western Lisle Steam Specialty Co.	Valves.	32 00
11386	do.	J. C. Thomas.	Check.	4 00
11387	do.	Blake Specialty Co.	Water traps.	25 00
11388	do.	Federal Sign System.	Lights.	11 95
11389	do.	The R. W. McCready Cork Co.	Corks.	6 60
11390	do.	Jahn & Ollier Engraving Co.	Half-tones.	1 56
11391	do.	American Steam Pump Co.	Piston rod.	31 25
11392	do.	Callaghan & Co.	Books.	19 25
11393	do.	T. H. Flood & Co.	do.	71 85
11394	do.	Lawyers Cooperative Publishing Co.	Reports.	2 50
11395	do.	W. W. Blake.	Book.	5 00
11396	do.	Allis Chalmers Co.	Stamp battery.	630 00
11397	do.	Narragansett Machine Co.	Lockets.	55 00
11398	do.	W. R. Bradley & Co.	Ice cream.	2 00
11399	do.	Federal Steel Fixture Co.	Tote boxes.	25 68
11400	do.	Delaney Oil Co.	Waste.	12 75
11401	Jan. 31	D. A. Abrams.	Salary, January, 1913.	133 33

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
11402	Jan. 31	C. C. Adams.....	Salary, January, 1913.....	\$137 50
11403	do	R. M. Alden.....	do.....	333 33
11404	do	W. C. Allee.....	do.....	120 00
11405	do	C. H. Allen.....	do.....	30 00
11406	do	C. W. Alvord.....	do.....	145 83
11407	do	L. F. Anderson.....	do.....	208 33
11408	do	S. C. Andros.....	do.....	150 00
11409	do	June M. Ashley.....	do.....	30 00
11410	do	Ruth S. Atwell.....	do.....	60 00
11411	do	G. D. Bagley.....	Scholarship, January, 1913.....	25 00
11412	do	W. C. Bagley.....	Salary, January, 1913.....	291 66
11413	do	Margaret L. Bailey.....	Fellowship, January, 1913.....	50 00
11414	do	W. H. Bair.....	Salary, January, 1913.....	50 00
11415	do	I. O. Baker.....	do.....	333 33
11416	do	R. E. Baker.....	do.....	30 00
11417	do	E. C. Baldwin.....	do.....	150 00
11418	do	C. W. Balke.....	do.....	183 33
11419	do	Brunson Barlow.....	do.....	50 00
11420	do	Panzy Barger.....	do.....	30 00
11421	do	J. T. Barrett.....	do.....	58 33
11422	do	H. H. Bartells.....	do.....	50 00
11423	do	P. S. Barto.....	do.....	100 00
11424	do	H. J. Barton.....	do.....	250 00
11425	do	Edward Bartow.....	do.....	291 66
11426	do	S. J. Bates.....	do.....	100 00
11427	do	P. J. Batkin.....	do.....	40 00
11428	do	W. S. Bayley.....	do.....	187 50
11429	do	G. D. Beal.....	do.....	120 00
11430	do	J. H. Beard.....	do.....	120 00
11431	do	J. B. Beck.....	do.....	166 66
11432	do	J. E. Bell.....	do.....	60 00
11433	do	B. W. Benedict.....	do.....	291 66
11434	do	Madison Bentley.....	do.....	250 00
11435	do	E. J. Berg.....	do.....	333 33
11436	do	Daisy L. Blaisdell.....	do.....	100 00
11437	do	D. S. Blondheim.....	do.....	116 66
11438	do	Leonard Bloomfield.....	do.....	120 00
11439	do	B. H. Bode.....	do.....	250 00
11440	do	E. L. Bogart.....	do.....	250 00
11441	do	C. F. Boomsliiter.....	do.....	130 00
11442	do	Ethel Bond.....	do.....	83 33
11443	do	C. V. Boyer.....	do.....	120 00
11444	do	R. L. Borger.....	do.....	125 00
11445	do	R. O. Brigham.....	do.....	60 00
11446	do	Alice D. Brooks.....	do.....	30 00
11447	do	Morgan Brooks.....	do.....	250 00
11558	do	N. C. Brooks.....	do.....	200 00
11449	do	Verna Brooks.....	do.....	80 00
11450	do	Elizabeth P. Brush.....	do.....	80 00
11451	do	J. M. Bryant.....	do.....	183 33
11452	do	W. A. Buchen.....	do.....	110 00
11453	do	A. M. Buck.....	do.....	150 00
11454	do	S. J. Buck.....	do.....	116 66
11455	do	W. E. Burge.....	do.....	166 66
11456	do	L. V. Burton.....	do.....	30 00
11457	do	S. C. Murton.....	do.....	120 00
11458	do	H. V. Canter.....	do.....	166 66
11459	do	A. P. Carman.....	do.....	333 33
11460	do	D. H. Carnahan.....	do.....	208 33
11461	do	F. W. Carpenter.....	do.....	166 66
11462	do	C. E. Carscallen.....	do.....	75 00
11463	do	H. Y. Carson.....	do.....	125 00
11464	do	Roy Carter.....	do.....	100 00
11465	do	E. W. Chittenden.....	do.....	120 00
11466	do	A. H. Clark.....	do.....	150 00
11467	do	C. R. Clark.....	do.....	166 66
11468	do	K. A. Clark.....	do.....	30 00
11469	do	T. A. Clark.....	do.....	416 66
11470	do	L. D. Coffman.....	do.....	250 00
11471	do	Alexander Cohn.....	do.....	10 00
11472	do	A. C. Cole.....	do.....	130 00
11473	do	Vida L. Collins.....	do.....	90 00
11474	do	N. W. Colson.....	do.....	100 00
11475	do	A. F. Comstock.....	do.....	180 00
11476	do	H. P. Corson.....	do.....	100 00
11477	do	F. K. Cowley.....	do.....	120 00
11478	do	Jennie A. Craig.....	do.....	75 00
11479	do	A. R. Crathorne.....	do.....	141 66
11480	do	H. L. Creek.....	do.....	120 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
11481	Jan. 31	B. H. Crowder.....	Salary, January, 1913.....	\$ 15 00
11482	..do..	W. E. Cummins.....	..do.....	15 00
11483	..do..	Florence R. Curtis.....	..do.....	110 00
11484	..do..	A. H. Daniels.....	..do.....	300 00
11485	..do..	Juanita R. Darrah.....	..do.....	10 00
11486	..do..	R. E. Davis.....	..do.....	100 00
11487	..do..	E. S. Davisson.....	..do.....	50 00
11488	..do..	W. B. Day.....	..do.....	208 33
11489	..do..	E. H. Decker.....	..do.....	250 00
11490	..do..	J. A. Dent.....	..do.....	150 00
11491	..do..	W. W. Denton.....	..do.....	120 00
11492	..do..	C. G. Derick.....	..do.....	141 66
11493	..do..	E. R. Dewsnup.....	..do.....	250 00
11494	..do..	J. K. Ditchey.....	..do.....	80 00
11495	..do..	W. F. Dodd.....	..do.....	166 66
11496	..do..	D. K. Dodge.....	..do.....	250 00
11597	..do..	G. W. Dowrie.....	..do.....	90 00
11498	..do..	F. K. W. Drury.....	..do.....	166 66
11499	..do..	F. O. Dufour.....	..do.....	166 66
11500	..do..	J. C. Duncan.....	..do.....	229 16
11501	..do..	J. M. Duncan.....	..do.....	90 00
11502	..do..	R. S. Dunham.....	..do.....	10 00
11503	..do..	Fannie Dunlap.....	..do.....	55 00
11504	..do..	H. H. Dunn.....	..do.....	91 66
11505	..do..	R. A. Dutcher.....	..do.....	60 00
11506	..do..	H. S. Eames.....	..do.....	130 00
11507	..do..	E. T. Ebersoll.....	..do.....	30 00
11508	..do..	W. C. Eels.....	Fellowship, January, 1913.....	50 00
11509	..do..	B. L. Eichler.....	Salary, January, 1913.....	100 00
11510	..do..	W. E. Ekblaw.....	..do.....	60 00
11511	..do..	Frederick Ellis.....	..do.....	150 00
11512	..do..	Arnold Emch.....	..do.....	166 66
11513	..do..	M. L. Enger.....	..do.....	166 66
11514	..do..	E. W. Engle.....	..do.....	30 00
11515	..do..	N. E. Ensign.....	..do.....	120 00
11516	..do..	J. A. Fairlie.....	..do.....	250 00
11517	..do..	R. N. Fargo.....	..do.....	50 00
11518	..do..	S. P. Farwell.....	..do.....	140 00
11519	..do..	E. C. Faust.....	..do.....	60 00
11520	..do..	Mary E. Fawcett.....	..do.....	166 66
11521	..do..	Winifred Fehrenkamp.....	..do.....	75 00
11522	..do..	Emma Felsenthal.....	..do.....	70 00
11523	..do..	H. F. Ferguson.....	..do.....	60 00
11524	..do..	E. E. Fiero.....	..do.....	45 00
11525	..do..	E. J. Filbey.....	..do.....	166 66
11526	..do..	I. W. Fisk.....	..do.....	120 00
11527	..do..	J. D. Fitz Gerald II.....	..do.....	208 33
11528	..do..	E. B. Flanigan.....	..do.....	80 00
11529	..do..	F. L. Fleener.....	..do.....	40 00
11530	..do..	V. R. Fleming.....	..do.....	125 00
11531	..do..	C. H. Fletcher.....	..do.....	15 00
11532	..do..	G. T. Flom.....	..do.....	208 33
11533	..do..	J. W. Folsom.....	..do.....	166 66
11534	..do..	S. A. Forbes.....	..do.....	41 66
11535	..do..	G. S. Ford.....	..do.....	250 00
11536	..do..	J. A. Frisk.....	..do.....	91 66
11537	..do..	Edward Fulton.....	..do.....	175 00
11538	..do..	J. W. Garner.....	..do.....	250 00
11539	..do..	N. B. Garver.....	..do.....	150 00
11540	..do..	E. N. Gathercoal.....	..do.....	100 00
11541	..do..	Rosa-Lee Gaut.....	..do.....	35 00
11542	..do..	H. L. Gill.....	..do.....	200 00
11543	..do..	C. E. Gillett.....	..do.....	30 00
11544	..do..	Hugh Glasgow.....	..do.....	60 00
11545	..do..	E. A. Glona.....	..do.....	10 00
11546	..do..	H. F. Godeke.....	..do.....	120 00
11547	..do..	Julius Goebel.....	..do.....	270 83
11548	..do..	H. F. Gonnerman.....	..do.....	120 00
11549	..do..	G. A. Goodenough.....	..do.....	250 00
11550	..do..	F. M. Goodman.....	..do.....	100 00
11551	..do..	T. G. Goodwin.....	..do.....	90 00
11552	..do..	W. F. M. Goss.....	..do.....	500 00
11553	..do..	P. S. Goulding.....	..do.....	133 33
11554	..do..	Bessie R. Green.....	..do.....	60 00
11555	..do..	Frederick Green.....	..do.....	291 66
11556	..do..	E. B. Greene.....	..do.....	187 50
11557	..do..	T. H. Guild.....	..do.....	125 00
11558	..do..	J. E. Cutberlet.....	..do.....	60 00
11559	..do..	Alta Gwinn.....	..do.....	80 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
11560	Jan. 31 1913.	G. C. Habermeyer.....	Salary, January, 1913.....	\$ 141 66
11561	do.....	H. F. Hadley.....	Fellowship, January, 1913.....	50 00
11562	do.....	Stella M. Hague.....	Salary, January, 1913.....	80 00
11563	do.....	H. G. Hake.....	do.....	120 00
11564	do.....	W. G. Hale.....	do.....	250 00
11565	do.....	R. G. Hall.....	do.....	30 00
11566	do.....	L. G. Hana.....	do.....	170 00
11567	do.....	Paul Hansen.....	do.....	250 00
11568	do.....	Sada Harbarger.....	do.....	90 00
11569	do.....	O. A. Harker.....	do.....	150 00
11570	do.....	E. C. Hayes.....	do.....	333 33
11571	do.....	C. M. Hebert.....	do.....	233 33
11572	do.....	G. W. Helkamp.....	do.....	60 00
11573	do.....	F. E. Held.....	do.....	40 00
11574	do.....	W. S. Hendrix.....	do.....	50 00
11575	do.....	Margaret Herdman.....	do.....	85 00
11576	do.....	R. W. Hess.....	do.....	75 00
11577	do.....	C. H. Hewes.....	do.....	30 00
11578	do.....	F. E. Hill.....	do.....	50 00
11579	do.....	Ralph Hilscher.....	do.....	40 00
11580	do.....	M. E. Hinds.....	do.....	100 00
11581	do.....	Wilhelm Hirschkind.....	do.....	60 00
11582	do.....	Jacob Hordnfeld.....	do.....	80 00
11583	do.....	M. A. Hollinshead.....	do.....	100 00
11584	do.....	H. A. Hollister.....	do.....	40 00
11585	do.....	E. E. Hollman.....	do.....	229 16
11586	do.....	B. R. Honovskl.....	do.....	60 00
11587	do.....	B. S. Hopkins.....	do.....	60 00
11588	do.....	J. W. Hornbeak.....	do.....	120 00
11589	do.....	C. G. Hottes.....	do.....	100 00
11590	do.....	H. A. Houston.....	Fellowship, January, 1913.....	208 33
11591	do.....	J. E. Huber.....	Scholarship, January, 1913.....	50 00
11592	do.....	H. L. Huemink.....	Salary, January, 1913.....	25 00
11593	do.....	G. A. Hurst.....	do.....	50 00
11594	do.....	R. K. Hursh.....	do.....	250 00
11595	do.....	Margaret Hutchins.....	do.....	100 00
11596	do.....	Edmund J. James.....	do.....	100 00
11597	do.....	L. V. James.....	do.....	130 00
11598	do.....	C. E. Janvlin.....	do.....	1 000 00
11599	do.....	Alice Johnson.....	do.....	37 50
11600	do.....	Mcelroy Johnston.....	do.....	70 00
11601	do.....	H. S. V. Jones.....	do.....	170 00
11602	do.....	Isabel Jones.....	do.....	150 00
11603	do.....	L. T. Jones.....	do.....	110 00
11604	do.....	R. C. Jones.....	do.....	85 00
11605	do.....	Ralph Jones.....	do.....	90 00
11606	do.....	R. T. Jones.....	do.....	160 00
11607	do.....	H. H. Jordan.....	do.....	140 00
11608	do.....	J. C. Jordan.....	do.....	100 00
11609	do.....	Emma R. Jutson.....	do.....	100 00
11610	do.....	J. B. Kaiser.....	do.....	100 00
11611	do.....	Olevar Kann.....	do.....	100 00
11612	do.....	Eleanor G. Karsten.....	do.....	60 00
11613	do.....	C. F. Kelley.....	do.....	100 00
11614	do.....	J. E. Kellog.....	do.....	130 00
11615	do.....	Ruth Kelo.....	do.....	140 00
11616	do.....	A. J. Kempner.....	do.....	80 00
11617	do.....	R. E. Kennedy.....	do.....	130 00
11618	do.....	Ernst Kessler.....	do.....	110 00
11619	do.....	V. A. Letcham.....	do.....	60 00
11620	do.....	Arthur Kierman.....	do.....	150 00
11621	do.....	S. F. Kimball.....	do.....	60 00
11622	do.....	Margaret L. Kingsbury.....	do.....	140 00
11623	do.....	David Kinley.....	do.....	120 00
11624	do.....	Florence M. Kitzup.....	do.....	75 00
11625	do.....	C. T. Knipp.....	do.....	500 00
11626	do.....	J. F. Kohout.....	do.....	100 00
11627	do.....	A. H. Kolar.....	do.....	208 33
11628	do.....	A. P. Kraiz.....	do.....	10 00
11629	do.....	E. V. Krey.....	do.....	100 00
11630	do.....	A. C. Krey.....	Scholarship, January, 1913.....	100 00
11631	do.....	Jakob Kruz.....	Salary, January, 1913.....	25 00
11632	do.....	Martha J. Kyle.....	do.....	140 00
11633	do.....	E. J. Lake.....	do.....	208 33
11634	do.....	Marion C. Landee.....	do.....	120 00
11635	do.....	W. F. Langelier.....	do.....	150 00
11636	do.....	E. T. Lanham.....	do.....	90 00
11637	do.....	do.....	do.....	100 00
11638	do.....	do.....	do.....	105 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
11639	Jan. 31	L. M. Larsan	Salary, January, 1913	\$216 66
11640	do.	H. H. Lauer	do.	150 00
11641	do.	T. M. Laying	do.	30 00
11642	do.	Eugene Leslie	do.	10 00
11643	do.	O. E. Lessing	do.	233 33
11644	do.	O. A. Leutweller	do.	200 00
11645	do.	I. H. Lillehei	do.	90 00
11646	do.	F. C. Lincoln	do.	166 66
11647	do.	R. H. Linkins	do.	30 00
11648	do.	C. M. Linsley	do.	21 66
11649	do.	Simon Litman	do.	183 33
11650	do.	F. C. Loring	do.	120 00
11651	do.	C. A. Ludwig	do.	30 00
11652	do.	H. T. Lundquist	do.	50 00
11653	do.	E. B. Lytle	do.	133 33
11654	do.	Ellen McCarthy	do.	120 00
11655	do.	Lois D. McCobb	do.	90 00
11656	do.	A. B. McDaniel	do.	208 33
11657	do.	Rudolph McDermet	Fellowship, January, 1913	50 00
11658	do.	D. F. McParland	Salary, January, 1913	150 00
11659	do.	C. G. McArthur	do.	150 00
11660	do.	Wallace MacFarlane	Fellowship, January, 1913	30 00
11661	do.	A. D. MacGillivray	Salary, January, 1913	208 33
11662	do.	D. A. MacInnis	do.	120 00
11663	do.	C. W. Malcolm	do.	150 00
11664	do.	G. A. Maney	Fellowship, January, 1913	50 00
11665	do.	E. J. Manley	Salary, January, 1913	77 77
11666	do.	F. M. Mann	do.	333 33
11667	do.	F. W. Marquis	do.	150 00
11668	do.	O. R. Martin	do.	110 00
11669	do.	M. S. Mason	Fellowship, January, 1913	50 00
11670	do.	J. M. Mathews	Salary, January, 1913	133 33
11671	do.	G. H. Meyer	do.	208 33
11672	do.	E. B. Millard	do.	60 00
11673	do.	F. H. Millard	do.	110 00
11674	do.	G. A. Miller	do.	250 00
11675	do.	H. W. Miller	do.	150 00
11676	do.	R. N. Miller	do.	35 00
11677	do.	W. S. Miller	do.	125 00
11678	do.	C. H. Mills	do.	208 33
11679	do.	Brainerd Mitchell, Jr.	do.	130 00
11680	do.	Margaret Mitchell	do.	8 00
11681	do.	F. W. Mohlmann	do.	60 00
11682	do.	H. C. Moore	do.	20 00
11683	do.	R. F. Moore	do.	208 33
11684	do.	O. H. Moore	do.	110 00
11685	do.	Ruby Moore	do.	20 00
11686	do.	E. W. Morphy	do.	120 00
11687	do.	B. C. Morse	do.	48 00
11688	do.	W. E. Mosher	do.	50 00
11689	do.	C. M. Moss	do.	250 00
11690	do.	Gertrude Moulton	do.	166 66
11691	do.	C. F. Nelson	do.	100 00
11692	do.	W. S. Nelson	do.	30 00
11693	do.	Allan Nevins	do.	80 00
11694	do.	C. R. Newell	do.	85 00
11695	do.	G. E. Noerenberg	do.	140 00
11696	do.	W. A. Noyes	do.	333 33
11697	do.	Catherine Oaks	do.	65 00
11698	do.	W. A. Oldfather	do.	229 16
11699	do.	H. L. Olin	do.	50 00
11700	do.	T. E. Oliver	do.	208 33
11701	do.	A. W. Owens	do.	30 00
11702	do.	E. B. Paine	do.	208 33
11703	do.	L. G. Painter	do.	120 00
11704	do.	Rosalie M. Parr	do.	80 00
11705	do.	S. W. Parr	do.	291 66
11706	do.	Adah Patton	do.	83 33
11707	do.	H. G. Paul	do.	166 66
11708	do.	A. S. Pease	do.	208 33
11709	do.	J. C. Pendleton	do.	85 00
11710	do.	Alvah Peterson	do.	60 00
11711	do.	G. W. Pickels	do.	130 00
11712	do.	J. N. Pomeroy	do.	183 33
11713	do.	C. M. Poor	do.	130 00
11714	do.	F. M. Porter	do.	130 00
11715	do.	R. G. Potter	do.	50 00
11716	do.	Anton Prasil	do.	10 00
11717	do.	A. L. Prickett	do.	43 33



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
11718	Jan. 31, 1913.	D. C. Prince.....	Scholarship, January, 1913.	\$ 25 00
11719	do.....	B. F. Radcliffe.....	do.....	80 00
11720	do.....	G. H. Radabaugh.....	Salary, January, 1913.	90 00
11721	do.....	Otto Rahn.....	do.....	166 66
11722	do.....	O. A. Randolph.....	do.....	80 00
11723	do.....	W. H. Rayner.....	do.....	110 00
11724	do.....	J. W. Read.....	do.....	50 00
11725	do.....	P. J. Rebman.....	do.....	80 00
11726	do.....	F. J. Reece.....	do.....	150 00
11727	do.....	F. W. Reed.....	do.....	140 00
11728	do.....	P. F. Reif.....	do.....	50 00
11729	do.....	E. A. Rich.....	do.....	40 00
11730	do.....	J. L. Rich.....	do.....	150 00
11731	do.....	C. R. Richards.....	do.....	333 33
11732	do.....	N. C. Ricker.....	do.....	291 66
11733	do.....	H. L. Reitz.....	do.....	150 00
11734	do.....	W. S. Robertson.....	do.....	166 66
11735	do.....	M. H. Robinson.....	do.....	250 00
11736	do.....	C. W. Rolle.....	do.....	60 00
11737	do.....	S. A. Rowland.....	do.....	120 00
11738	do.....	H. O. Rugg.....	do.....	60 00
11739	do.....	George Rutledge.....	do.....	60 00
11740	do.....	L. R. Saret.....	do.....	80 00
11741	do.....	T. E. Savage.....	do.....	166 66
11742	do.....	Oliver F. Saxton.....	do.....	83 33
11743	do.....	S. H. Schaelee.....	do.....	30 00
11744	do.....	E. C. Schmidt.....	do.....	291 66
11745	do.....	H. F. Schneider.....	do.....	30 00
11746	do.....	Clarence School.....	do.....	30 00
11747	do.....	W. S. Schulz.....	do.....	10 00
11748	do.....	G. F. Schwartz.....	do.....	166 66
11749	do.....	F. W. Scott.....	do.....	158 33
11750	do.....	D. L. Siroegin.....	do.....	183 33
11751	do.....	G. W. Sears.....	Salary, January, 1913.	120 00
11752	do.....	F. B. Sealey.....	do.....	60 00
11753	do.....	R. S. Seese.....	do.....	140 00
11754	do.....	N. C. Seidenberg.....	Scholarship, January, 1913.	25 00
11755	do.....	A. R. Seymour.....	Salary, January, 1913.	15 00
11756	do.....	J. B. Shaw.....	do.....	166 66
11757	do.....	Queen L. Shepard.....	do.....	187 50
11758	do.....	S. P. Sherman.....	do.....	100 00
11759	do.....	G. A. Shook.....	do.....	266 66
11760	do.....	C. W. Slevert.....	do.....	10 00
11761	do.....	Stebelt L. Shimmering.....	Fellowship, January, 1913.	30 00
11762	do.....	Frances Simpson.....	do.....	166 66
11763	do.....	G. E. Simpson.....	Salary, January, 1913.	10 00
11764	do.....	C. H. Sisam.....	do.....	158 33
11765	do.....	W. A. Slater.....	do.....	125 00
11766	do.....	Adelle C. Smith.....	do.....	160 00
11767	do.....	Constance Barlow Smith.....	do.....	133 33
11768	do.....	G. M. Smith.....	do.....	208 33
11769	do.....	Frank Smith.....	do.....	125 00
11770	do.....	J. E. Smith.....	do.....	95 00
11771	do.....	O. H. Smith.....	do.....	175 00
11772	do.....	J. M. Snodgrass.....	do.....	95 00
11773	do.....	C. M. Snow.....	do.....	150 00
11774	do.....	O. Stanley.....	do.....	70 00
11775	do.....	Joel Stebbins.....	do.....	104 16
11776	do.....	Sabra Stevens.....	do.....	55 00
11777	do.....	R. K. Steward.....	do.....	130 00
11778	do.....	C. L. Stewart.....	do.....	333 33
11779	do.....	H. H. Stock.....	do.....	50 00
11780	do.....	J. W. Stokes.....	Fellowship, January, 1913.	50 00
11781	do.....	E. B. Stouffer.....	Salary, January, 1913.	130 00
11782	do.....	E. K. Strachan.....	do.....	100 00
11783	do.....	Lillian Strong.....	do.....	50 00
11784	do.....	W. G. Strongquist.....	do.....	100 00
11785	do.....	R. T. Strull.....	do.....	100 00
11786	do.....	Horace Stunkard.....	do.....	200 00
11787	do.....	Emerson Sutcliff.....	do.....	30 00
11788	do.....	A. H. Sutherland.....	do.....	80 00
11789	do.....	A. N. Talbot.....	do.....	150 00
11790	do.....	F. W. Tanner.....	do.....	333 33
11791	do.....	S. C. Taylor.....	do.....	60 00
11792	do.....	W. H. Taylor.....	do.....	25 00
11793	do.....	H. R. Thomas.....	Fellowship, January, 1913.	60 00
11794	do.....	C. M. Thompson.....	Salary, January, 1913.	50 00
11795	do.....	D. G. Thompson.....	do.....	90 00
11796	do.....	J. G. Thompson.....	do.....	160 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
11797	Jan. 31	Lambert Thorp.....	Salary, January, 1913.....	\$100 00
11798	do.	A. J. Tije.....	do.	105 00
11799	do.	A. J. Todd.....	do.	104 16
11800	do.	E. J. Townsend.....	do.	333 33
11801	do.	L. L. Townsend.....	do.	100 00
11802	do.	Edna A. Treat.....	do.	90 00
11803	do.	H. D. Valentine.....	do.	10 00
11804	do.	H. J. Van Cleave.....	do.	60 00
11805	do.	H. J. Van Den Berg.....	do.	180 00
11806	do.	G. J. Van Zoeren.....	do.	30 00
11807	do.	J. N. Vedder.....	do.	110 00
11808	do.	C. G. Vernier.....	do.	291 66
11809	do.	E. H. Waldo.....	do.	166 66
11810	do.	H. B. Ward.....	do.	333 33
11811	do.	E. H. Warner.....	do.	50 00
11812	do.	A. R. Warnock.....	do.	125 00
11813	do.	E. W. Washburn.....	do.	183 33
11814	do.	E. R. Watson.....	do.	200 00
11815	do.	H. C. P. Weber.....	do.	150 00
11816	do.	N. A. Wells.....	do.	208 33
11817	do.	N. A. Weston.....	do.	229 16
11818	do.	Mary M. Wetmore.....	do.	125 00
11819	do.	J. M. White.....	do.	333 33
11820	do.	J. H. Whitten.....	do.	60 00
11821	do.	E. A. Wildman.....	do.	30 00
11822	do.	C. C. Wiley.....	do.	150 00
11823	do.	C. A. Williams.....	do.	120 00
11824	do.	E. H. Williams.....	do.	125 00
11825	do.	Mary E. Williams.....	do.	85 00
11826	do.	F. G. Willson.....	do.	160 00
11827	do.	P. L. Windsor.....	do.	250 00
11828	do.	R. M. Winger.....	do.	120 00
11829	do.	W. J. Wohlengerg.....	Fellowship, January, 1913.....	50 00
11830	do.	P. S. Woodward.....	Salary, January, 1913.....	35 00
11831	do.	I. M. Wormser.....	do.	183 33
11832	do.	A. B. Wright.....	do.	50 00
11833	do.	Ola M. Wyeth.....	do.	75 00
11834	do.	T. D. Yensen.....	do.	150 00
11835	do.	Jacob Zeitlin.....	do.	125 00
11836	do.	Charles Zeleny.....	do.	208 33
11837	do.	H. T. Zoller.....	do.	30 00
11838	do.	J. E. Ackert.....	Fellowship, January, 1913.....	35 00
11839	do.	F. H. Adler.....	do.	35 00
11840	do.	Josephine E. Burns.....	do.	35 00
11841	do.	Margaret V. Cobb.....	do.	30 00
11842	do.	Edna L. Forrey.....	do.	35 00
11843	do.	D. L. Geyer.....	do.	35 00
11844	do.	E. O. Heuse.....	do.	30 00
11845	do.	J. W. Good.....	do.	40 00
11846	do.	E. A. Kircher.....	do.	30 00
11847	do.	P. A. Lehenbauer.....	do.	30 00
11848	do.	H. McGregor.....	do.	30 00
11849	do.	L. C. Mathewson.....	do.	30 00
11850	do.	L. F. Nickell.....	do.	40 00
11851	do.	A. W. Orcuet.....	do.	35 00
11852	do.	A. F. Pein.....	do.	30 00
11853	do.	C. F. C. Riley.....	do.	35 00
11854	do.	Clarissa Rinaker.....	do.	35 00
11855	do.	Irma E. Voigt.....	do.	30 00
11856	do.	P. S. Welch.....	do.	35 00
11857	do.	G. Y. Williams.....	do.	35 00
11858	do.	Alice Biester.....	Scholarship, January, 1913.....	25 00
11859	do.	R. W. Brown.....	do.	25 00
11860	do.	D. M. Brumfiel.....	do.	25 00
11861	do.	F. E. Clark.....	do.	25 00
11862	do.	Jesse L. Conel.....	do.	25 00
11863	do.	S. H. Cox.....	do.	25 00
11864	do.	E. S. Dowell.....	do.	25 00
11865	do.	D. T. Englis.....	do.	25 00
11866	do.	Ola M. J. Eskelson.....	do.	25 00
11867	do.	S. E. Fauquher.....	do.	25 00
11868	do.	S. B. Fracker.....	do.	25 00
11869	do.	Byne F. Goodman.....	do.	25 00
11870	do.	Sappho C. Graham.....	do.	25 00
11871	do.	Ruby M. Grimes.....	do.	25 00
11872	do.	Mary A. Hann.....	do.	25 00
11873	do.	Homer Hall.....	do.	25 00
11874	do.	A. C. Hanford.....	do.	25 00
11875	do.	William Hill.....	do.	25 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
11876	Jan. 31, 1913.	C. E. Holly	Salary, January, 1913	\$ 25 00
11877	do.	Nellie N. Horner	do.	25 00
11878	do.	J. W. Howard	do.	25 00
11879	do.	P. W. Ivey	do.	25 00
11880	do.	Gretchen Lutz	do.	25 00
11881	do.	Janet M. Macdonald	do.	25 00
11882	do.	J. E. Miller	do.	25 00
11883	do.	Edna Mosher	do.	25 00
11884	do.	J. B. Nathanson	do.	25 00
11885	do.	F. G. Norbury	do.	25 00
11886	do.	R. H. Notelman	do.	25 00
11887	do.	Cornelia R. Seawell	do.	25 00
11888	do.	Mary M. Spangler	do.	25 00
11889	do.	E. R. Spencer	do.	25 00
11890	do.	W. A. Swenson	do.	25 00
11891	do.	Lilly B. Voegelein	do.	25 00
11892	do.	Margaret Washington	do.	25 00
11893	do.	P. Q. Wright	do.	25 00
11894	do.	A. E. Zunker	do.	25 00
11895	do.	Lilla M. Alexander	Salary, January, 1913	60 00
11896	do.	W. E. Alley	do.	60 00
11897	do.	Winifred L. Amos	do.	65 00
11898	do.	Ethel Ash	do.	65 00
11899	do.	C. E. Atkinson	do.	141 66
11900	do.	Mary L. Blackwell	do.	50 00
11901	do.	L. A. Boice	do.	125 00
11902	do.	Tabitha J. Broadhurst	do.	75 00
11903	do.	Ira M. Brown	do.	60 00
11904	do.	Sarah E. Bryan	Wages, January, 1913	65 00
11905	do.	Florence Harrison	do.	60 00
11906	do.	Miles Clements	Salary, January, 1913	45 83
11907	do.	C. C. Crawford	do.	60 00
11908	do.	H. E. Cunningham	do.	150 00
11909	do.	C. E. Dalton	do.	45 00
11910	do.	Edith Emieh	do.	45 00
11911	do.	Frances M. Feind	do.	75 00
11912	do.	R. I. Fieg	do.	50 00
11913	do.	Mollie Fraser	do.	33 33
11914	do.	Viola Fraser	do.	55 00
11915	do.	Frances G. Garwood	do.	33 33
11916	do.	Anoinette Goetz	do.	65 00
11917	do.	Elizabeth Good	do.	40 00
11918	do.	Mabel F. Griffith	do.	40 00
11919	do.	Carmen Harnack	do.	55 00
11920	do.	Eliza Hart	do.	35 00
11921	do.	C. H. Havens	do.	120 00
11922	do.	N. Hay	do.	32 00
11923	do.	Myrtle E. Heater	do.	55 00
11924	do.	Fred Hooker	do.	45 83
11925	do.	Josie B. Houchens	do.	75 00
11926	do.	A. H. Hull	do.	50 00
11927	do.	Katie L. Humrichouse	do.	55 00
11928	do.	Marie Jester	do.	45 00
11929	do.	Gertrude Johnson	do.	45 00
11930	do.	J. J. Johnson	do.	30 00
11931	do.	J. H. Kelly	do.	166 66
11932	do.	Nora Kirwan	do.	41 66
11933	do.	Autrella Knapp	do.	65 00
11934	do.	Albie Lamb	do.	65 00
11936	do.	A. R. Lee	do.	45 00
11937	do.	Louise A. Lietz	do.	91 66
11938	do.	Stella Lund	do.	35 00
11939	do.	C. M. McConn.	do.	55 00
11940	do.	Agnes McClury	do.	253 33
11941	do.	A. H. McLean	do.	83 33
11942	do.	Jane McMillin	do.	80 00
11943	do.	Mae L. Manspeaker	do.	83 33
11944	do.	Jennie A. Mathers	do.	50 00
11945	do.	Mande E. Meneley	do.	50 00
11946	do.	Rudolph Messek	do.	65 00
11947	do.	C. F. Miller	do.	75 00
11948	do.	Lloyd Morey	do.	75 00
11949	do.	J. A. Morrow	do.	166 66
11950	do.	M. W. Murphy	do.	110 00
11951	do.	Elizabeth C. Peel	do.	75 00
11952	do.	Thomas Peel	do.	50 00
11953	do.	Elizabeth Pfeiffer	do.	50 00
11954	do.	F. W. Post	do.	75 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
11955	Jan. 31, 1913.	Harriet L. Postlewait.....	Salary, January, 1913.....	\$ 50 00
11956	do.....	Myrtle A. Reuz.....	do.....	65 00
11957	do.....	Clara Rickets.....	do.....	60 00
11958	do.....	Nellie M. Robertson.....	do.....	55 00
11959	do.....	Mary Scanlon.....	do.....	60 00
11960	do.....	Ann Shepard.....	do.....	91 66
11961	do.....	T. J. Showers.....	do.....	125 00
11962	do.....	Sara M. Slater.....	do.....	55 00
11963	do.....	Bertnan Smith.....	do.....	70 00
11964	do.....	I. M. Smith.....	do.....	108 33
11965	do.....	Jesse A. Smith.....	do.....	100 00
11966	do.....	Mayne L. Smith.....	do.....	65 00
11967	do.....	O. E. Staples.....	do.....	150 00
11968	do.....	Alfred Steitz.....	do.....	75 00
11969	do.....	E. T. Strong.....	do.....	95 00
11970	do.....	M. E. Thompson.....	do.....	85 00
11971	do.....	Mary Torrance.....	do.....	55 00
11972	do.....	L. J. Towne.....	do.....	150 00
11973	do.....	G. P. Tuttle.....	do.....	91 66
11974	do.....	Josephine Tyrell.....	do.....	45 00
11975	do.....	Lida E. Voigt.....	do.....	83 33
11976	do.....	Lida E. White.....	do.....	83 33
11977	do.....	B. L. Winchester.....	do.....	48 00
11978	do.....	H. T. Wryniger.....	do.....	52 50
11979	do.....	C. G. Hopkins.....	do.....	50 00
11980	do.....	M. E. Jarr.....	do.....	416 66
11981	do.....	J. G. Mosier.....	do.....	120 00
11982	do.....	J. H. Pettit.....	do.....	266 66
11983	do.....	H. N. Parker.....	do.....	250 00
11984	do.....	C. O. Reed.....	do.....	200 00
11985	do.....	L. H. Smith.....	do.....	120 00
11986	do.....	H. W. Stewart.....	do.....	250 00
11987	do.....	A. L. Whiting.....	do.....	150 00
11988	do.....	W. L. Burlison.....	do.....	125 00
11989	do.....	L. W. Dickerson.....	do.....	100 00
11990	do.....	K. J. T. Ekblaw.....	do.....	150 00
11991	do.....	O. S. Fisher.....	do.....	166 66
11992	do.....	A. F. Gustafson.....	do.....	166 66
11993	do.....	Leonard Hegnauer.....	do.....	150 00
11994	do.....	N. W. Hepburn.....	do.....	250 00
11995	do.....	R. S. Hulce.....	do.....	175 00
11996	do.....	J. W. Lloyd.....	do.....	100 00
11997	do.....	L. R. Lang.....	do.....	266 66
11998	do.....	O. A. Keller.....	do.....	133 33
11999	do.....	D. A. McIntosh.....	do.....	83 33
12000	do.....	Wilhelm Miller.....	do.....	208 33
12001	do.....	H. W. Mumford.....	do.....	250 00
12002	do.....	A. H. Nearing.....	do.....	416 66
12003	do.....	H. W. Paslee.....	do.....	125 00
12004	do.....	V. A. Place.....	do.....	200 00
12005	do.....	R. R. Root.....	do.....	83 33
12006	do.....	H. P. Rusk.....	do.....	166 66
12007	do.....	W. H. Smith.....	do.....	175 00
12008	do.....	J. R. Wells.....	do.....	108 33
12009	do.....	J. J. Yoke.....	do.....	70 00
12010	do.....	D. O. Barto.....	do.....	83 33
12011	do.....	J. C. Blair.....	do.....	166 66
12012	do.....	S. J. Boie.....	do.....	416 66
12013	do.....	R. E. Brand.....	do.....	166 66
12014	do.....	W. J. Carmichael.....	do.....	133 33
12015	do.....	H. C. M. Case.....	do.....	166 66
12016	do.....	W. C. Coffey.....	do.....	41 66
12017	do.....	C. S. Crandall.....	do.....	225 00
12018	do.....	J. A. Detleison.....	do.....	291 66
12019	do.....	C. E. Dust.....	do.....	133 33
12020	do.....	H. B. Dornet.....	do.....	166 66
12021	do.....	J. L. Edmunds.....	do.....	125 00
12022	do.....	J. J. Gardner.....	do.....	100 00
12023	do.....	W. J. Fraser.....	do.....	166 66
12024	do.....	W. F. Handschm.....	do.....	291 66
12025	do.....	L. D. Hall.....	do.....	100 00
12026	do.....	E. Davenport.....	do.....	150 00
12027	do.....	Isabel Bevier.....	do.....	225 00
12028	do.....	Nma B. Grieger.....	do.....	500 00
12029	do.....	Augusta D. Evans.....	do.....	250 00
12030	do.....	Charlotte Gibbs.....	do.....	120 00
12031	do.....	Cora E. Gray.....	do.....	83 33
12032	do.....	Nellie E. Godtthwaite.....	do.....	125 00
12033	do.....	do.....	do.....	110 00
				166 66

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
12034	Jan. 31	A. W. Nolan	Salary, January, 1913	\$200 00
12035	do	Ruth Wheeler	do	133 33
12036	do	Maud Parsons	do	100 00
12037	do	Helena M. Pincomb	do	133 33
12038	do	F. H. Rankin	do	250 00
12039	do	Harriet Rinaker	do	125 00
12040	do	F. M. Simpson	do	100 00
12041	do	Grace Stevens	do	90 00
12042	do	J. V. Stevenson	do	41 66
12043	do	Alice V. Hamilton	do	75 00
12044	do	Bessie E. Packard	do	75 00
12045	do	Leonora Perry	do	79 16
12046	do	B. E. Powell	do	191 66
12047	do	Florence E. Smith	do	65 00
12048	do	W. B. Gernert	do	125 00
12049	do	Orr Allyn	do	70 00
12050	do	J. B. Park	do	150 00
12051	do	W. L. Gaines	do	150 00
12052	do	F. A. Pearson	do	5 00
12053	do	H. A. Reuhe	do	116 66
12054	do	L. M. Wakeley	do	100 00
12055	do	Jas. Hutchinson	do	100 00
12056	do	F. W. Muncie	do	83 33
12057	do	G. L. Peltier	do	83 33
12058	do	L. E. Foglesong	do	100 00
12059	do	A. J. Gunderson	do	83 33
12060	do	O. S. Watkins	do	150 00
12061	do	B. S. Pickett	do	250 00
12062	do	W. A. Ruth	do	125 00
12063	do	L. R. Binding	do	70 00
12064	do	R. W. Dickerson	do	70 00
12065	do	F. A. Fisher	do	83 33
12066	do	F. W. Garrett	do	83 33
12067	do	S. V. Holt	do	150 00
12068	do	E. E. Hoskins	do	150 00
12069	do	Oran Leller	do	70 00
12070	do	W. R. Leighty	do	100 00
12071	do	C. C. Logan	do	150 00
12072	do	Gertrude Niederman	do	100 00
12073	do	F. M. W. Wascher	do	83 33
12074	do	H. C. Wheeler	do	150 00
12075	do	C. E. Wheelock	do	70 00
12076	do	J. E. Whitechurch	do	150 00
12077	do	John Woodard	do	70 00
12078	do	J. P. Aumer	do	150 00
12079	do	W. A. Sachs	do	125 00
12080	do	E. Van Alstine	do	150 00
12081	do	H. H. Mitchell	do	125 00
12082	do	F. C. Bauer	do	125 00
12083	do	L. M. Apgar	Wages, January, 1913	20 00
12084	do	W. W. Peters	do	20 00
12085	do	L. Rosett	do	14 74
12086	do	W. A. Shewhart	do	10 00
12087	do	Mamie Bunch	do	45 00
12088	do	Ethel Clark	do	40 00
12089	do	M. J. Conley	do	75 00
12090	do	W. B. Atwell	do	35 08
12091	do	W. L. Harry	do	83 33
12092	do	Sadie Jones	do	50 00
12093	do	D. C. Sprinkle	do	50 00
12094	do	A. J. Stoneburner	do	45 00
12095	do	H. Simer	do	45 00
12096	do	M. D. Rose	do	52 50
12097	do	Olive G. Reid	do	50 00
12098	do	Fred Pine	do	75 00
12099	do	I. F. Burdick	do	75 00
12100	do	F. W. Willson	do	30 00
12101	do	Stanley Wilkins	do	40 00
12102	do	Andrew Tornquist	do	75 00
12103	do	Elmer Jenkins	do	55 00
12104	do	Horace Ingalls	do	60 00
12105	do	Wm. Hough	do	83 33
12106	do	J. L. Gardner	do	80 00
12107	do	Harley Foor	do	55 00
12108	do	T. P. C. Crawford	do	47 50
12109	do	Lucy M. Barto	do	20 00
12110	do	C. H. Rehling	do	24 15
12111	do	J. A. Sachrison	do	11 20
12112	do	Arthur Semple	do	18 03

GENERAL UNIVERSITY WARRANTS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
12113	Jan. 31, 1913.	S. C. Kemp.....	Wages, January, 1913.....	\$ 10 00
12114	do.....	M. J. Smith.....	do.....	25 11
12115	do.....	A. L. Sowers.....	do.....	99 90
12116	do.....	Earl Meenach.....	do.....	60 00
12117	do.....	Jas. O'Brien.....	do.....	50 00
12118	do.....	Edwin Walworth.....	do.....	50 00
12119	do.....	Chester Turner.....	do.....	45 00
12120	do.....	J. E. Thomas.....	do.....	45 00
12121	do.....	Florence Stoutzenberg.....	do.....	25 00
12122	do.....	J. H. Coffey.....	do.....	50 00
12123	do.....	E. C. Terhune.....	do.....	20 00
12124	do.....	E. H. Taylor.....	do.....	16 90
12125	do.....	W. W. Williams.....	do.....	50 00
12126	do.....	L. W. Duncan.....	do.....	75 00
12127	do.....	Ralph Walworth.....	do.....	45 00
12128	do.....	H. H. Wheeler.....	do.....	65 00
12129	do.....	Margaret C. Foss.....	do.....	40 00
12130	do.....	R. C. Glover.....	do.....	40 00
12131	do.....	Wendie McIntosh.....	do.....	70 00
12132	do.....	L. A. Hunter.....	do.....	10 00
12133	do.....	Alpha Torngust.....	do.....	22 00
12134	do.....	W. L. Bennett.....	do.....	60 00
12135	do.....	W. T. Craig.....	do.....	83 33
12136	do.....	E. M. Clark.....	do.....	60 00
12137	do.....	H. A. Cate.....	do.....	19 75
12138	do.....	M. R. Carlson.....	do.....	55 00
12139	do.....	A. E. Burwash.....	do.....	31 17
12140	do.....	C. Beers.....	do.....	55 00
12141	do.....	G. W. Beardsley.....	do.....	55 00
12142	do.....	John Balcom.....	do.....	12 83
12143	do.....	A. F. Krieger.....	do.....	65 00
12144	do.....	R. C. Kestler.....	do.....	55 00
12145	do.....	Earl Garver.....	do.....	65 00
12146	do.....	Amelia Feldcamp.....	do.....	40 00
12147	do.....	H. E. Crouch.....	do.....	15 00
12148	do.....	Anna Crithorne.....	do.....	50 00
12149	do.....	Ruth Loveless.....	do.....	50 00
12150	do.....	H. C. Lawson.....	do.....	65 00
12151	do.....	John Paltrey.....	do.....	70 00
12152	do.....	W. W. Yapp.....	do.....	65 00
12153	do.....	Loretto White.....	do.....	50 00
12154	do.....	A. Ten Broeck.....	do.....	75 00
12155	do.....	Cornelius Stocker.....	do.....	50 00
12156	do.....	Lillian Smith.....	do.....	40 00
12157	do.....	Ethel Sharp.....	do.....	83 33
12158	do.....	Etta Perry.....	do.....	18 00
12159	do.....	W. S. Goodspeed.....	do.....	67 03
12160	do.....	C. L. Knodle.....	do.....	40 00
12161	do.....	Geo. Kelly.....	do.....	110 00
12162	do.....	Della Rogers.....	do.....	34 30
12163	do.....	D. M. Avey.....	do.....	70 20
12164	do.....	T. W. Dieckmann.....	do.....	50 00
12165	do.....	Burt Hays.....	do.....	45 00
12166	do.....	L. Donohue.....	do.....	65 00
12167	do.....	G. Donohue.....	do.....	55 00
12168	do.....	H. Brichard.....	do.....	55 00
12169	do.....	R. Brichard.....	do.....	55 00
12170	do.....	Hazel Rhoads.....	do.....	24 25
12171	do.....	Andrew Boswell.....	do.....	27 20
12172	do.....	James Boswell.....	do.....	34 40
12173	do.....	Ralph Chaplin.....	do.....	30 00
12174	do.....	Pearl Cunningham.....	do.....	30 00
12175	do.....	Louie Fizzell.....	do.....	11 70
12176	do.....	Claude Harroile.....	do.....	71 90
12177	do.....	Rose Hegenbart.....	do.....	43 80
12178	do.....	H. R. Black.....	do.....	61 85
12179	do.....	C. R. Nelson.....	do.....	83 33
12180	do.....	E. R. Berbaum.....	do.....	30 00
12181	do.....	C. C. Chapman.....	do.....	30 00
12182	do.....	C. A. Campbell.....	do.....	70 00
12183	do.....	O. I. Ellis.....	do.....	30 00
12184	do.....	Emma L. Custer.....	do.....	40 00
12185	do.....	Marion B. Gallaher.....	do.....	80 00
12186	do.....	F. W. Gault.....	do.....	52 50
12187	do.....	J. R. Kelley.....	do.....	60 00
12188	do.....	John Lankford.....	do.....	50 00
12189	do.....	W. A. McIntire.....	do.....	83 33
12190	do.....	Flore M. Sims.....	do.....	30 00
12191	do.....	Alice Reed.....	do.....	30 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
12192	Jan. 31, 1913.	May Miller.....	Wages, January, 1913.....	\$65 00
12193	do.	Freda O. Stricklan.....	do.	65 00
12194	do.	D. R. Lee.....	do.	35 00
12195	do.	J. C. Anderson.....	do.	65 00
12196	do.	O. G. Atkinson.....	do.	76 74
12197	do.	Jesse Cook.....	do.	55 00
12198	do.	Rob Cook.....	do.	47 50
12199	do.	W. J. Engle.....	do.	65 00
12200	do.	Lawrence Engle.....	do.	24 50
12201	do.	Ralph Engle.....	do.	26 00
12202	do.	Marjorie H. Gage.....	do.	65 00
12203	do.	Mabel Halliday.....	do.	60 00
12204	do.	William Kelley.....	do.	50 00
12205	do.	J. F. Smith.....	do.	65 00
12206	do.	Frank Sanders.....	do.	50 00
12207	do.	Elizabeth Pulling.....	do.	50 00
12208	do.	George Nogle.....	do.	70 00
12209	do.	Ed Myers.....	do.	47 50
12210	do.	Joe Mink.....	do.	47 50
12211	do.	Ben Durman.....	do.	57 60
12212	do.	L. J. Wells.....	do.	45 00
12213	do.	Elmer Varner.....	do.	57 60
12214	do.	Evalena Bowen.....	do.	42 78
12215	do.	C. I. Newlin.....	do.	75 00
12216	do.	A. L. Williams.....	do.	33 50
12217	do.	R. K. Turner.....	do.	14 44
12218	do.	R. F. Broyles.....	do.	34 84
12219	do.	Roy Argo.....	do.	55 00
12220	do.	C. G. Cox.....	do.	47 70
12221	do.	Robert Willford.....	do.	30 70
12222	do.	W. M. Shaddon.....	do.	12 95
12223	do.	Alfred Raut.....	do.	13 65
12224	do.	Jas. O'Brien.....	do.	20 00
12225	do.	K. A. McKaskill.....	do.	41 65
12226	do.	John Garman.....	do.	31 20
12227	do.	Frank Wilson.....	do.	51 30
12228	do.	B. L. Reed.....	do.	54 00
12229	do.	John Snyder.....	do.	63 80
12230	do.	A. U. Moran.....	do.	54 00
12231	do.	Frank Fogarty.....	do.	56 00
12232	do.	Wm. Fogarty.....	do.	61 60
12233	do.	Edward Hargan.....	do.	63 80
12234	do.	Samuel Hanson.....	do.	51 30
12235	do.	W. G. Hixon.....	do.	65 80
12236	do.	Frank Irvine.....	do.	54 00
12237	do.	James Irvine.....	do.	37 80
12238	do.	P. S. Nelson.....	do.	31 50
12239	do.	J. Gudge.....	do.	27 30
12240	do.	D. Vanle.....	do.	18 50
12241	do.	E. H. Walworth.....	do.	12 40
12242	do.	H. J. Snider.....	do.	18 50
12243	do.	G. W. Schroeder.....	do.	27 90
12244	do.	Edgar Hermann.....	do.	13 75
12245	do.	R. L. Hegnauer.....	do.	11 40
12246	do.	Ethel Berhn.....	do.	52 00
12247	do.	C. E. Mattoon.....	do.	48 20
12248	do.	W. A. Hooker.....	do.	50 00
12249	do.	Bertha G. States.....	do.	70 00
12250	do.	B. L. Bowling.....	do.	85 00
12251	do.	Robert Pergande.....	do.	85 00
12252	do.	B. L. Morehouse.....	do.	50 00
12253	do.	Marie A. Gordon.....	do.	42 00
12254	do.	G. C. Ambrose.....	do.	23 75
12255	do.	E. E. Graig.....	do.	75 00
12256	do.	M. C. Weaver.....	do.	20 00
12257	do.	L. S. Baldwin.....	do.	62 10
12258	do.	H. J. Vanderbeek.....	do.	50 00
12259	do.	Florence Nyberg.....	do.	7 75
12260	do.	F. H. Colyer.....	do.	60 00
12261	do.	G. W. Porter.....	do.	19 38
12262	do.	M. L. Nebel.....	do.	36 25
12263	do.	S. T. Wallage.....	do.	30 63
12264	do.	Daisy Sweetringem.....	do.	25 30
12265	do.	F. H. Kelley.....	do.	44 40
12266	do.	William Wascher.....	do.	76 80
12267	do.	Wesley Hoffman.....	do.	78 80
12268	do.	J. C. Fiscus.....	do.	80 00
12269	do.	A. O. Magnuson.....	do.	54 00
12270	do.	C. R. Sinclair.....	do.	

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
12271	Jan. 31 1913.	A. P. Kelley.....	Wages, January, 1913.....	\$ 23 20
12272	do.	Wayne Brown.....	do.	30 00
12273	do.	W. S. Wolfe.....	do.	15 55
12274	do.	G. F. Paulsen.....	do.	14 60
12275	do.	L. M. Stearns.....	do.	62 00
12276	do.	Clyde Stillwell.....	do.	30 80
12277	do.	Arthur Turner.....	do.	48 00
12278	do.	Chas. Wilson.....	do.	51 20
12279	do.	Fred Hoover.....	do.	51 60
12280	do.	P. S. Jeffers.....	do.	64 60
12281	do.	C. C. Johnson.....	do.	62 00
12282	do.	Walter Jones.....	do.	40 00
12283	do.	G. E. Kirk.....	do.	50 40
12284	do.	Elias Kirby.....	do.	54 20
12285	do.	J. A. J. Klien.....	do.	68 20
12286	do.	W. J. Langhoff.....	do.	29 25
12287	do.	H. S. Lewis.....	do.	43 20
12288	do.	J. F. Long.....	do.	63 80
12289	do.	H. H. Mahorney.....	do.	59 00
11290	do.	Bert Mathews.....	do.	59 00
12291	do.	Harrison Hoecker.....	do.	46 80
12292	do.	R. D. Hull.....	do.	15 00
12293	do.	C. E. Follansbee.....	do.	52 00
12294	do.	Louie Fender.....	do.	70 18
12295	do.	T. J. Fay.....	do.	93 00
12296	do.	E. P. Dibble.....	do.	82 06
12297	do.	Jos. Davis.....	do.	68 20
12298	do.	E. W. Justus.....	do.	108 00
12299	do.	Margaret Jones.....	do.	41 60
12300	do.	Ross Hutton.....	do.	56 60
12301	do.	T. O. Henderson.....	do.	103 25
12302	do.	T. F. Harper.....	do.	51 80
12303	do.	Sell Hamlin.....	do.	52 00
12304	do.	W. H. Graybeal.....	do.	53 80
12305	do.	C. Y. Freeman.....	do.	66 30
12306	do.	Guy Fox.....	do.	68 62
12307	do.	Thomas Long.....	do.	59 00
12308	do.	A. C. Litton.....	do.	69 20
12309	do.	E. C. Lewis.....	do.	54 60
12310	do.	F. Langhoff.....	do.	10 40
12311	do.	P. R. Greenman.....	do.	10 40
12312	do.	G. E. Quick.....	do.	15 40
12313	do.	Phillip Udinsky.....	do.	10 40
12314	do.	P. T. Walters.....	do.	63 71
12315	do.	Basil Brown.....	do.	62 00
12316	do.	Harry Brown.....	do.	69 00
12317	do.	Walter Birdzell.....	do.	76 36
12318	do.	J. E. Bailey.....	do.	53 00
12319	do.	W. H. Atwell.....	do.	54 80
12320	do.	C. E. Arrington.....	do.	62 00
12321	do.	John Ceduskey.....	do.	74 40
12322	do.	D. M. Bullock.....	do.	55 80
12323	do.	Frank Steteler.....	do.	73 29
12324	do.	W. J. Smith.....	do.	115 60
12325	do.	A. Servis.....	do.	53 80
12326	do.	Mary Ryan.....	do.	36 00
12327	do.	Ed. Richards.....	do.	96 72
12328	do.	Wm. Quinn.....	do.	68 20
12329	do.	Geo. Toy.....	do.	55 40
12330	do.	Henry Turner.....	do.	54 60
12331	do.	Geo. Turner.....	do.	51 20
12332	do.	John Bagley.....	do.	55 80
12333	do.	R. W. Baldwin.....	do.	56 40
12334	do.	Wm. Wilde.....	do.	63 20
12335	do.	Ed. Wharmby.....	do.	48 80
12336	do.	Geo. Boyer.....	do.	59 20
12337	do.	V. S. Glenn.....	do.	37 40
12338	do.	Asbury Grice.....	do.	52 60
12339	do.	R. S. Carson.....	do.	13 00
12340	do.	J. J. Fiscus.....	do.	96 10
12341	do.	B. F. English.....	do.	32 60
12342	do.	Herman Fecturph.....	do.	41 60
12343	do.	C. M. Miller.....	do.	51 80
12344	do.	Rebecca Morgan.....	do.	35 32
12345	do.	Uriah Moreland.....	do.	77 97
12346	do.	Ruthie E. Murphey.....	do.	62 00
12347	do.	J. R. Newton.....	do.	86 60
12348	do.	Jacob Nikalous.....	do.	
12349	do.	Frank Perry.....	do.	



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
12350	Jan. 31, 1913.	J. F. Purkins.....	Wages, January, 1913.....	\$ 53 20
12351	do.....	John Cooley.....	do.....	56 40
12352	do.....	A. J. McAlister.....	do.....	75 44
12353	do.....	Frances McCullough.....	do.....	41 60
12354	do.....	James McCullough.....	do.....	56 40
12355	do.....	O. E. Meenach.....	do.....	59 60
12356	do.....	Dan Meneely.....	do.....	64 24
12357	do.....	Chas. Myers.....	do.....	11 00
12358	do.....	Otto Schimmerer.....	do.....	10 80
12359	do.....	Eleanor Hubbard.....	do.....	22 00
12360	do.....	Bertha Bourdette.....	do.....	13 20
12361	do.....	Calvin White.....	do.....	10 40
12362	do.....	Julius Goebel, Jr.....	do.....	12 00
12363	do.....	J. G. Eppinger.....	do.....	10 00
12364	do.....	J. R. Miller.....	do.....	11 80
12365	do.....	F. C. Hare.....	do.....	37 40
12366	do.....	G. F. Sutherland.....	do.....	18 00
12367	do.....	F. S. Strohecker.....	do.....	15 00
12368	do.....	E. W. Rugg.....	do.....	31 50
12369	do.....	Olive Paine.....	do.....	17 40
12370	do.....	Lucile B. Cravens.....	do.....	11 00
12371	do.....	Floyd Britton.....	do.....	13 10
12372	do.....	Mary M. Moss.....	do.....	25 00
12373	do.....	Gertrude Johnson.....	do.....	12 37
12374	do.....	Orval Snook.....	do.....	55 80
12375	do.....	Frances E. McCughen.....	do.....	3 85
12376	do.....	Mrs M. Ryan.....	do.....	1 75
12377	do.....	Howard Downing.....	do.....	62 77
12378	do.....	Wesley Wilson.....	do.....	20 00
12379	do.....	Asa Denman.....	do.....	27 00
12380	do.....	John W. Lowe.....	do.....	51 20
12381	do.....	Fred Fonder.....	do.....	86 24
12382	do.....	Pete Davis.....	do.....	76 30
12383	do.....	F. Crathorne.....	do.....	78 00
12384	do.....	Adolph Langhoff.....	do.....	78 00
12385	do.....	John Braanigan.....	do.....	80 33
12386	do.....	V. E. Barnes.....	do.....	75 00
12387	do.....	Thomas Butler.....	do.....	65 70
12388	do.....	Wm. Templin.....	do.....	66 75
12389	do.....	I. F. Tilloson.....	do.....	67 62
12390	do.....	August Wambler.....	do.....	58 74
12391	do.....	A. L. Brining.....	do.....	52 20
12392	do.....	F. T. Franklin.....	do.....	56 60
12393	do.....	Jesse Myers.....	do.....	37 50
12394	do.....	J. Rachwalski.....	do.....	60 00
12395	do.....	F. A. Kirkpatrick.....	do.....	62 43
12396	do.....	W. L. Howat.....	do.....	33 63
12397	do.....	Verna A. Manley.....	do.....	66 75
12398	do.....	Otis Wood.....	do.....	25 00
12399	do.....	R. R. Danielson.....	do.....	18 00
12400	do.....	Will Patterson.....	do.....	16 88
12401	do.....	Leola Meachum.....	do.....	15 65
12402	do.....	H. M. Mooman.....	do.....	41 60
12403	do.....	C. A. Denman.....	do.....	80 00
12404	do.....	J. J. Herbert.....	do.....	96 00
12405	do.....	Guy Shafer.....	do.....	100 25
12406	do.....	Martin Sandwell.....	do.....	50 40
12407	do.....	J. H. Vandiventer.....	do.....	48 60
12408	do.....	Amos Wright.....	do.....	73 80
12409	do.....	J. H. Miller.....	do.....	41 60
12410	do.....	S. A. Porter.....	do.....	80 00
12411	do.....	Chas. Hill.....	do.....	86 00
12412	do.....	Ethel V. Manley.....	do.....	68 50
12413	do.....	J. E. Morgan.....	do.....	43 00
12414	do.....	Marion E. Sparks.....	do.....	47 40
12415	do.....	W. H. Clark.....	do.....	96 80
12416	do.....	Harry Hiegens.....	do.....	84 66
12417	do.....	M. C. Booher.....	do.....	80 00
12418	do.....	C. A. Dunseth.....	do.....	51 20
12419	do.....	Chas. Gundlock.....	do.....	85 80
12420	do.....	F. Cunningham.....	Teams use and wages, January, 1913.....	133 45
12421	do.....	G. E. Frazer.....	Salary, January, 1913.....	188 88
12422	do.....	R. E. Stevens.....	Wages, January, 1913.....	12 50
12423	do.....	H. D. Oberdorfer.....	Salary, January, 1913.....	166 66
12424	do.....	Roovers Brothers.....	Punch and die.....	1 53
12425	do.....	The McCoy Directory Co.....	Directories.....	10 00
12426	do.....	Southern Illinois Penitentiary.....	Limestone dust.....	42 17
12427	do.....	G. E. Amsbary Co.....	Bran.....	132 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
12428	Jan. 31	Stock Yards Harness & Saddlery Co.....	Harness.....	\$ 70 00
12429	do.	Swartz Electric Shop.....	Lamp, etc.....	3 25
12430	do.	National Engraving Co.....	Half tones.....	15 00
12431	do.	John Wyeth & Bro.....	Chemicals.....	2 65
12432	do.	Keuffell & Esser Co.....	Tracing cloth.....	9 23
12433	do.	Creamery Package Mfg. Co.....	Tablets.....	1 53
12434	do.	Travis Glass Co.....	Bottles.....	145 64
12435	do.	E. Bartholomew.....	Books.....	12 15
12436	do.	Branhall Range Co.....	Apparatus.....	130 25
12437	do.	General Chemical Co.....	Supplies.....	109 73
12438	do.	American Blue Print Paper Co.....	Paper.....	65 44
12439	do.	H. J. Green.....	Thermometers.....	35 55
12440	do.	Watson Kaulkner.....	Drugs.....	3 45
12441	do.	G. L. Shaw.....	Address.....	10 00
12442	do.	T. M. Smith.....	do.....	10 00
12443	do.	C. A. Shamel.....	Services.....	10 00
12444	do.	Ernest Burnham.....	Addresses.....	30 00
12445	do.	J. O. Finlay.....	Address.....	10 00
12446	do.	J. H. McDunnough.....	Professional services.....	18 00
12447	do.	A. P. Grout.....	Address.....	15 00
12448	do.	John McCarty.....	do.....	10 00
12449	do.	C. F. Mills.....	Services.....	15 00
12450	do.	S. B. Smith.....	Address.....	10 00
12451	do.	W. G. Clark.....	do.....	10 00
12452	do.	The Garlock Packing Co.....	Packing.....	8 34
12453	do.	A. Barr.....	Brick.....	9 00
12454	do.	Gould Storage Battery Co.....	Batteries.....	10 50
12455	do.	Eagle Stamp Works.....	Stamp.....	2 04
12456	do.	The Ashcroft Mfg. Co.....	Supplies.....	111 21
12457	do.	Automatic Electric Co.....	Electrical supplies.....	12 50
12458	do.	D. M. Sims, Contractor.....	Hauling tile.....	11 25
12459	do.	American Entomological Co.....	Specimens.....	12 60
12460	do.	The Babcock & Wilcox Co.....	Repairs.....	20 60
12461	do.	C. Hasler.....	Leather goods.....	18 45
12462	do.	K. D. Horrall Hardware Co.....	Hardware.....	1 95
12463	do.	Egyptian Packing Co.....	Hauling cinders.....	5 75
12464	do.	Chris Egginton.....	Pasture.....	97 00
12465	do.	T. L. Cole.....	Books.....	18 61
12466	do.	Goodspeed's Book Shop.....	do.....	6 10
12467	do.	C. M. McConn.....	Expenses.....	14 56
12468	do.	Clipless Paper Fastener Co.....	Fastener.....	3 50
12469	do.	Amzi Godden Seed Co.....	Seed.....	72 00
12470	do.	The Standard Calorimeter Co.....	Wire stems.....	13 25
12471	do.	Estate of Hiram Sibley.....	Rent of land.....	42 00
12472	do.	W. D. Bigelow.....	Dues.....	2 00
12473	do.	Gould Directory Co.....	Directory.....	6 00
12474	do.	Thling Brothers Everard Co.....	Binders.....	48 42
12475	do.	W. W. Walls & Co.....	Lumber, etc.....	33 76
12476	do.	Twin City Printing Co.....	Paper.....	2 55
12477	do.	John B. Bennett.....	Sewer pipe.....	3 75
12478	do.	Leavitt Mfg. Co.....	Iron work.....	51 10
12479	do.	The Hektograph Mfg. & Dup. Co.....	Duplicator, etc.....	12 13
12480	do.	The Boston Book Co.....	Books.....	31 80
12481	do.	Jacquín & Co.....	Envelopes, etc.....	8 50
12482	do.	A. Bevis.....	Wages, January, 1912.....	147 50
12483	do.	The Urbana Courier Co.....	Notice for bids.....	4 04
12484	do.	American Contractor Publishing Co.....	Printing notice.....	5 70
12485	do.	Champaign Daily Gazette.....	Advertising.....	3 54
12486	do.	F. M. Leslie.....	Picture frames.....	20 95
12487	do.	Spencer Lens Co.....	Supplies.....	18 90
12488	do.	C. A. Hall Hardware Co.....	Hardware.....	6 70
12489	do.	Buffalo Meter Co.....	Book and disc.....	4 00
12490	do.	Illinois State Reformatory.....	Printing.....	86 25
12491	do.	Hunter, Rourke & Co.....	Lumber, etc.....	84 14
12492	do.	Crane Co.....	Pipe, etc.....	22 24
12493	do.	Dallenbach Bros.....	Meat.....	19 98
12494	do.	Percival & Moorehead.....	Hardware.....	19 55
12495	do.	Central Electric Co.....	Electrical supplies.....	39 64
12496	do.	S. E. Huff & Co.....	Lumber.....	173 75
12497	do.	Ernst Hertzberg & Sons.....	Bookbinding.....	233 41
12498	do.	Twin City Roofing & Sheet Metal Works.....	Roofing, etc.....	49 58
12499	do.	The University of Illinois Supply Store.....	Stationery.....	52 21
12500	do.	Lewis Electric Supply Co.....	Electrical supplies.....	11 81
12501	do.	The Alexander Lumber Co.....	Lumber, etc.....	32 25
12502	do.	U. & C. Ry., Gas & Electric Co.....	Gas, etc.....	404 70
12503	do.	Bausch & Lomb Optical Co.....	Supplies.....	49 61
12504	do.	Flanigan-Pearson Co.....	Books and printing.....	956 78

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
12505	Jan. 31	L. C. Smith & Bros. Typewriter Co.	Rental.	\$ 27 50
12506	do	Walker & Mulliken	Furniture, etc.	32 62
12507	do	Tablet & Ticket Co.	Boxes, etc.	27 46
12508	do	Mittendorf & Kiler	Linoleum, etc.	12 12
12509	do	Library Bureau	Cards, etc.	12 08
12510	do	Illinois State Penitentiary	Furniture.	23 00
12511	do	Bacon Brothers	Paints, etc.	63 15
12512	do	General Electric Co.	Supplies.	330 23
12513	do	G. C. Willis	Dry goods.	6 36
12514	do	Taylor Hardware Co.	Hardware.	13 02
12515	do	J. H. Doyle	do.	26 28
12516	do	B. A. Strauch	Photography	9 35
12517	do	Pantagraph Printing & Stationery Co.	Printing, etc.	918 13
12518	do	E. H. Sargent & Co.	Chemical apparatus.	198 16
12519	do	D. H. Lloyd	Stationery, etc.	173 57
12520	do	A. C. McClurg & Co.	Supplies.	21 91
12521	do	A. O. Magnuson	Slides, prints, etc.	71 97
12522	do	W. Lewis & Co.	Dry goods.	15 33
12523	do	Bennett's Newspaper & Magazine Agency	Books, etc.	108 20
12524	do	The Oliver Typewriter Co.	Repairs	25 12
12525	do	C. J. Welch, Contractor	Payment on contract	851 98
12526	do	Rosa-Lee Gaut.	Wages, January, 1913	35 00
12527	do	C. P. Smith	do.	64 87
12528	do	G. E. Wright	do.	96 00
12529	do	Montgomery Ward & Co.	Supplies.	6 80
12530	do	Bausch & Lomb Optical Co.	do.	41 87
12531	do	Bronson Barlow	Expenses	48 90
12532	do	The Whitaker Paper Co.	Towels.	30 00
12533	do	C. H. Mills	Expenses	11 44
12534	do	Art Metal Construction Co.	Wall stack.	260 00
12535	do	Eva B. Batterton	Furnishing list.	1 00
12536	do	W. H. Gilman	Slides, etc.	2 00
12537	do	A. T. Nolan	Expenses	9 45
12538	do	Percival & Moorehead	Hardware.	10 82
12539	do	Mills Electric Co.	Electrical supplies.	32 49
12540	do	Monarch Electric & Wire Co.	Metal supplies.	27 31
12541	do	Louis Ely	Labor.	5 75
12542	do	A. D. Cook	Barrel.	31 00
12543	do	Bryan-Marsh Electric Works	Globes.	352 05
12544	do	The Roessler & Hasslacher Co.	Uranium.	12 30
12545	do	The C. W. Raymond Co.	Machinery.	117 50
12546	do	Narragansett Machine Co.	Lockers	130 00
12547	do	Wisconsin Lime & Cement Co.	Material.	20 00
12548	do	C. B. Harrop	Expenses	57 37
12549	do	A. V. Bleininger	do.	73 35
12550	do	A. Ten Broeck	do.	11 23
12551	do	Crosby Steam Gage & Valve Co.	Supplies.	23 58
12552	do	H. V. Roberts	Cards	73 40
12553	do	J. T. Ryerson & Son.	Steel.	28 86
12554	do	The Elliott Co.	Machine.	27 63
12555	do	The Linde Air Products Co.	Oxygen	4 00
12556	do	Eastman Kodak Co.	Films	8 00
12557	do	Leo Solschki	Books.	16 20
12558	do	Fernando Fe.	do.	51 87
12559	do	Maggs Bros.	do.	48 76
12560	do	Otto Harrassowitz	do.	34 86
12561	do	F. Ricker	do.	7 74
12562	do	Lallie Surveying Instrument Co.	Tape.	20 00
12563	do	N. F. McGirr	Book.	1 05
12564	do	E. W. Walker & Sons	Horses.	487 50
12565	do	T. M. Smith	Team.	525 00
12566	do	Leavitt Mfg. Co.	Supplies.	147 47
12567	do	Standard Oil Co.	Oil.	46 60
12568	do	Walker & Mulliken	Furniture.	100 36
12569	do	The V. D. Anderson Co.	Apparatus.	21 38
12570	do	Hunter, Rourke & Co.	Lumber	24 66
12571	do	Eberhard Faber	Pencils.	19 87
12572	do	S. E. Huff & Co.	Lumber	69 50
12573	do	Eimer & Amend.	Supplies.	17 05
12574	do	The Saffell Co.	Hardware.	49 95
12575	do	The Burr Co.	Iron work.	331 30
12576	do	J. B. Bennett	Labor and material.	95 96
12577	do	Laura B. Evans	Expenses.	115 70
12578	do	Bacon Bros.	Supplies.	81 54
12579	do	Paul Gottschalk	Books.	290 92
12580	do	L. T. Brownfield	Supplies.	8 65
12581	do	G. E. Stechert & Co.	Books.	73 97
12582	do	Neva Scott	Lecture	5 00
12583	do	Don Stitt	Services and expenses	35 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
12584	Jan. 31	H. P. Rusk.	Expenses.	\$ 7 97
12585	..do..	Mrs. H. O. Rugg.	Services.	26 98
12586	..do..	John McCullough.	Hay.	148 20
12587	..do..	J. W. Amrine.	Middlings.	388 00
12588	..do..	Wm. Hix.	Labor.	48 85
12589	..do..	W. D. Allen Mfg. Co.	Supplies.	36 60
12590	..do..	Art Metal Construction Co.	Stacks and lockers.	2,047 10
12591	..do..	General Electric Co.	Electric supplies.	146 64
12592	..do..	Geo. Banta Publishing Co.	Printing.	302 17
12593	..do..	G. W. Matheny.	Expenses.	11 65
12594	..do..	A. A. Hinkley.	Rent.	20 00
12595	..do..	George Conover.	..do.	89 00
12596	..do..	George Postel.	..do.	116 00
12597	..do..	D. H. Stevenson.	Expenses.	44 50
12598	..do..	John Reichard.	Corn.	62 84
12599	..do..	W. F. Handschin.	Expenses.	59 72
12600	..do..	Carroll J. Badger.	..do.	26 09
12601	Feb. 3	F. X. Loeffler.	Loan.	50 00
12602	..do..	H. H. McIntosh.	..do.	50 00
12603	..do..	G. C. Bainum.	..do.	25 00
12604	..do..	N. C. Seidenberg.	..do.	150 00
12605	..do..	C. A. Wold.	..do.	150 00
12606	..do..	E. N. Drew.	..do.	200 00
12607	..do..	F. B. Richardson.	..do.	50 00
12608	Feb. 4	The Champaign Daily Gazette.	Advertising.	4 80
12609	..do..	Sauveur & Boylston.	Laboratory apparatus.	22 50
12610	..do..	The Wabash Cabinet Co.	Cards.	6 60
12611	..do..	J. A. Detlefsen.	Expenses.	63 95
12612	..do..	H. A. Winter.	Ribbons.	16 52
12613	..do..	Wilhelm Miller.	Expenses.	79 90
12614	..do..	F. M. Simpson.	..do.	6 35
12615	..do..	H. W. Mumford.	..do.	15 03
12616	..do..	H. C. Lawson.	..do.	20 06
12617	..do..	R. E. Brand.	..do.	88 94
12618	..do..	W. E. Yapp.	..do.	26 96
12619	..do..	H. A. Harding.	..do.	45 90
12620	..do..	W. J. Fraser.	..do.	90 94
12621	..do..	L. Olliver.	Photographs.	4 59
12622	..do..	P. Adams.	Hauling.	27 37
12623	..do..	C. N. Carver.	Bookplates.	2 00
12624	..do..	The Boston Book Co.	Books.	3 48
12625	..do..	W. J. Gerhard.	..do.	7 80
12626	..do..	N. Y. State Educational Department.	..do.	1 30
12627	..do..	H. G. Paul.	Expenses.	15 69
12628	..do..	The Hill & Griffith Co.	Supplies.	4 50
12629	..do..	Wadsworth Core Machinery & Equipment Co.	Screws.	5 10
12630	..do..	W. H. Long.	Cotton seed.	5 77
12631	..do..	R. R. Donnelly & Sons Co.	Printing.	2,387 32
12632	..do..	The Permutit Syndicate.	Water purifier.	150 00
12633	..do..	Edward Bartow.	Expenses.	24 76
12634	..do..	W. F. Hardy.	Hardware, etc.	92 75
12635	Feb. 6	Kuno Francke.	Honorarium.	175 00
12636	..do..	G. E. Frazer.	Expenses.	34 94
12637	..do..	Mrs. Jennie Barlow.	Wages, January, 1913.	60 00
12638	..do..	The Burr Co.	Labor and materials.	1,350 00
12639	..do..	A. J. Booker.	Wages, January, 1913.	61 60
12640	Feb. 7	Nellie E. Goldthwaite.	Expenses.	55 00
12641	..do..	Emma Felsenthal.	Balance salary, January, 1913.	5 00
12642	..do..	R. H. Brewer.	Milk.	3 82
12643	..do..	C. Ross.	..do.	16 50
12644	..do..	George Schiff.	..do.	20 07
12645	..do..	H. C. Kaufman.	..do.	8 51
12646	..do..	Len Rayburn.	..do.	20 60
12647	..do..	E. Grove.	..do.	3 40
12648	..do..	L. P. Rayburn.	..do.	23 94
12649	..do..	B. Jordan.	..do.	32 98
12650	..do..	C. J. Gillespie.	..do.	7 74
12651	..do..	J. F. Hoy.	..do.	2 41
12652	..do..	J. C. Anderson.	..do.	3 75
12653	..do..	Cora Stacker.	..do.	10 85
12654	..do..	J. B. Marsh.	..do.	6 20
12655	..do..	J. E. Haney.	..do.	8 73
12656	..do..	T. F. Jordan.	..do.	54 07
12657	..do..	R. W. Graham.	..do.	5 31
12658	..do..	R. T. Lumsden.	..do.	7 02
12659	..do..	S. Herriott.	..do.	8 06
12660	..do..	H. Wascher.	..do.	7 65
12661	..do..	R. S. McInnes.	..do.	7 16

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
12662 Feb.	1913.	Pearl Hazen.	Milk.	\$ 22 88
12663 do.	7	F. W. Howell.	do.	8 58
12664 do.	do.	W. J. Wilson.	do.	14 74
12665 do.	do.	I. H. Besore.	do.	11 40
12666 do.	do.	Frank Knox.	do.	8 93
12667 do.	do.	G. W. Van Meter.	do.	27 20
12668 do.	do.	L. F. Lindsey.	do.	7 53
12669 do.	do.	W. Davis.	do.	3 50
12670 do.	do.	F. H. Bussey.	do.	10 47
12671 do.	do.	S. Guinn.	do.	20 59
12672 do.	do.	C. G. Van Holten.	do.	14 59
12673 do.	do.	R. A. Lumsden.	do.	11 63
12674 do.	do.	Z. C. Keene.	do.	9 90
12675 do.	do.	G. F. Dielenbach.	do.	8 66
12676 do.	do.	C. A. Fogel.	do.	4 24
12677 do.	do.	W. C. Welch.	do.	8 61
12678 do.	do.	E. R. Canady.	do.	25 69
12679 do.	do.	H. Cherry.	do.	4 90
12680 do.	do.	John McCullough.	do.	22 71
12681 do.	do.	David Wilkins.	do.	12 25
12682 do.	do.	Geo. Herrlot.	do.	28 99
12683 do.	do.	H. J. Morehouse.	do.	4 53
12684 do.	do.	Andrew Shields.	do.	14 49
12685 do.	do.	T. M. Chere.	do.	15 02
12686 do.	do.	W. F. Hampton.	do.	6 41
12687 do.	do.	Fred Thompson.	do.	6 41
12688 do.	do.	A. G. Guard.	do.	7 84
12689 do.	do.	M. Leigh.	do.	2 34
12690 do.	do.	I. W. Maxwell.	do.	7 07
12691 do.	do.	J. M. Herrlot.	do.	11 74
12692 do.	do.	M. Hudson.	do.	10 47
12693 do.	do.	C. C. Rayburn.	do.	8 41
12694 do.	do.	T. P. Lyons.	do.	10 20
12695 do.	do.	J. E. Henderson.	do.	6 23
12696 do.	do.	C. C. Gordon.	do.	10 58
12697 do.	do.	G. M. Seeber.	do.	9 24
12698 do.	do.	L. P. Womacks.	do.	4 27
12699 do.	do.	H. I. Nelson.	do.	5 57
12700 do.	do.	A. E. Grindley.	do.	4 46
12701 do.	do.	A. J. Putscher.	do.	9 49
12702 do.	do.	Van Carter.	do.	7 07
12703 do.	do.	D. W. Shiveley.	do.	10 19
12704 do.	do.	J. M. Stickerd.	do.	19 71
12705 do.	do.	P. P. Dunn.	do.	7 53
12706 do.	do.	E. W. Smalley.	do.	3 57
12707 do.	do.	J. H. Schwenkel.	do.	7 04
12708 do.	do.	James Freeman.	do.	4 17
12709 do.	do.	G. Taylor.	do.	11 71
12710 do.	do.	O. A. Melnes.	do.	8 28
12711 do.	do.	John Weiss.	do.	1 70
12712 do.	do.	C. Allen.	do.	26 02
12713 do.	do.	T. A. McCracken.	do.	9 71
12714 do.	do.	J. A. R. Koch.	do.	4 08
12715 do.	do.	Wm. Case.	do.	21 55
12716 do.	do.	L. H. Gordon.	do.	15 77
12717 do.	do.	W. E. Yount.	do.	14 72
12718 do.	do.	W. H. Gray.	do.	22 19
12719 do.	do.	E. R. Hamm.	do.	7 08
12720 do.	do.	S. Atkinson.	do.	6 48
12721 do.	do.	David Hahn.	do.	10 22
12722 do.	do.	W. E. Leigh.	do.	2 78
12723 do.	do.	Karl Fletcher.	do.	1 58
12724 do.	do.	Truie Drennan.	do.	8 40
12725 do.	do.	C. W. Hamm.	do.	6 30
12726 do.	do.	C. M. Van Meter.	do.	4 13
12727 Feb.	8	United States Audit Co.	Services.	9 59
12728 do.	do.	John McCullough.	Corn.	194 24
12729 do.	do.	Burroughs Adding Machine Co.	Machine.	131 27
12730 do.	do.	Gertrude E. Moulton.	Lumber.	393 75
12731 do.	do.	Hunter, Rourke, & Co.	Services.	1 86
12732 do.	do.	R. W. Braithwaite.	Keys.	14 22
12733 do.	do.	Corbin Cabinet Lock Co.	Keys.	48 00
12734 do.	do.	American LaFrance Fire Engine Co.	Hose supplies.	8 88
12735 do.	do.	The Thermal Syndicate.	Flasks.	18 00
12736 do.	do.	J. W. Stipes.	Labor.	215 50
12737 do.	do.	J. B. Bennett.	Materials.	73 19
12738 do.	do.	Twin City Ice & Cold Storage Co.	Ice.	92 75
12739 do.	do.	Hendon & Hindbell.	Spray pump.	110 62
12740 do.	do.	American Leather Chemists Assn.	Membership dues.	5 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
12741	Feb. 8	C. E. Spicer, Treasurer.	Dues.	\$ 2 50
12742	do.	Amer Catholic Historical Assn.	Books.	1 00
12743	do.	The Special Libraries Assn.	Dues and subscription.	2 00
12744	do.	A. L. Robinson & Sons.	Mares.	1,600 00
12745	do.	Armour Fertilizer Works.	Meat meal.	86 00
12746	do.	The American Multigraph Sales Co.	Supplies.	6 00
12747	do.	Wm. Murray.	Corn.	568 32
12748	do.	R. W. Braithwaite.	Services.	149 15
12749	do.	F. W. Gault.	Expenses.	33 33
12750	do.	Frank Morgan.	do.	7 00
12751	do.	Wm. Aten, Sr.	do.	3 50
12752	do.	Central Electric Co.	Electrical supplies.	159 32
12753	do.	Federal Sign System.	Supplies.	268 13
12754	do.	The Alexander Lumber Co.	Lumber.	274 35
12755	do.	Crane Co.	Steel.	24 53
12756	do.	Library Bureau.	Supplies.	62 25
12757	do.	D. H. Lloyd.	do.	61 65
12758	do.	H. F. Chester.	Livery.	63 75
12759	do.	R. A. Stipes.	Sand and gravel.	221 95
12760	do.	S. E. Huff & Co.	Lumber.	313 75
12761	do.	G. E. Stechert & Co.	Books.	149 62
12762	do.	Bacon Brothers.	Paint and oil.	42 96
12763	do.	Ernst Hertzberg & Sons.	Bookbinding.	305 21
12764	Feb. 10	H. A. Hollister.	do.	15 18
12765	do.	Ira L. Rush.	Loan.	50 00
12766	do.	H. C. Gilkerson.	Wages, January, 1913.	16 75
12767	do.	The Morava Construction Co.	Payment on contract.	18,205 00
12768	do.	A. W. Stoolman, Contractor.	do.	8,500 00
12769	do.	English Brothers, Contractors.	do.	1,932 89
12770	do.	R. L. Kelley.	Expenses.	2 00
12771	do.	Esther Plumb.	Recital.	60 00
12772	do.	O. E. Staples, Chief Clerk.	Sundry bills.	307 73
12773	do.	O. E. Staples, Chief Clerk.	Freight.	315 81
12774	do.	O. E. Staples, Chief Clerk.	Snyder payments.	300 00
12775	do.	O. E. Staples, Chief Clerk.	Express.	41 67
12776	do.	O. E. Staples, Chief Clerk.	do.	92 92
12777	do.	O. E. Staples, Chief Clerk.	Students' payroll.	466 32
12778	do.	O. E. Staples, Chief Clerk.	do.	686 63
12779	do.	O. E. Staples, Chief Clerk.	Freight.	107 54
12780	do.	O. E. Staples, Chief Clerk.	Express.	76 61
12781	do.	O. E. Staples, Chief Clerk.	Men's payroll.	671 16
12782	do.	O. E. Staples, Chief Clerk.	Students' payroll.	493 61
12783	do.	W. W. Lindley, Postmaster.	Postage.	421 25
12784	do.	J. M. Rapp.	Services and expenses.	22 67
12785	do.	A. G. Phillipps.	do.	24 55
12786	do.	J. W. Folsom.	Expenses.	9 66
12787	do.	H. Simer.	do.	23 30
12788	do.	F. A. Pearson.	do.	23 78
12789	do.	G. W. Beardsley.	do.	19 97
12790	do.	C. Beers.	do.	2 32
12791	do.	H. S. Cash.	do.	39 95
12792	do.	W. T. Kemp Assistant Secretary.	Reports.	3 75
12793	do.	Chivers Bookbinding Co.	Books.	13 20
12794	do.	The American Clydesdale Assn.	do.	4 00
12795	do.	Commercial Club of Chicago.	Book.	25 00
12796	do.	H. A. Hollister.	Expenses.	15 83
12797	do.	E. E. Hoskins.	do.	49 68
12798	Feb. 12	International Harvester Co.	Repairs.	2 65
12799	do.	G. E. Amsbury Co.	Dry goods.	5 34
12800	do.	Standard Cap & Seal Co.	Caps and rings.	50 78
12801	do.	National Carton Co.	Butter cartons.	171 00
12802	do.	Root Dairy Supply Co.	Cork washers.	2 76
12803	do.	E. T. Benjamin.	Horseshoeing.	10 00
12804	do.	Michigan Agr. College.	Direction sheets.	1 10
12805	do.	General Chemical Co.	Laboratory supplies.	23 70
12806	do.	Hoskins Mfg. Co.	Apparatus.	5 40
12807	do.	S. M. Udale.	Expenses.	24 50
12808	do.	C. R. Richards.	do.	8 19
12809	do.	Jacquin & Co.	Envelopes.	20 25
12810	do.	School Science & Mathematics.	Books.	6 00
12811	do.	R. A. Richards Co.	Ribbons.	6 32
12812	do.	Geo. Banta Publishing Co.	Express.	1 24
12813	do.	The Letter Shop.	Typewriting.	20 00
12814	do.	Feldman System Mfg. Co.	Binding stubs.	23 10
12815	do.	The Bigelow Binder Co.	Binder.	1 00
12816	do.	Illinois Printing Co.	Pamphlets.	110 50
12817	do.	Cable Piano Co.	Rent.	12 00
12818	do.	E. H. Swigert.	Tuning pianos.	33 50
12819	do.	Angler's Bait & Mfg. Co.	Frogs.	3 75

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
12820	Feb. 12	Johnson Bros.....	Fittings.....	\$ 6 99
12821	do.	J. E. Smith.....	Beets and hens.....	5 00
12822	do.	The Journal of Biological Chemistry.....	Subscription.....	9 00
12823	do.	C. C. Short.....	Horse shoeing.....	11 00
12824	do.	Oldham Brothers.....	Drug supplies.....	17 05
12825	do.	Norton Co.....	Alundum tubes.....	22 00
12826	do.	Illinois Press Clipping Bureau.....	Clippings.....	5 00
12827	do.	F. O. Dufour.....	Expenses.....	48 92
12828	do.	Morgans Rug Mfg. Co.....	Cleaning.....	33 30
12829	do.	Southern Illinois Penitentiary.....	Brushes.....	12 90
12830	do.	American LaFrance Fire Engine Co.....	Nozzles.....	3 00
12831	do.	Orr & Lockett Hardware Co.....	Supplies.....	7 64
12832	do.	General Electric Co.....	Electrical supplies.....	5 20
12833	do.	The Harshaw-Fuller & Goodwin Co.....	Flint.....	1 35
12834	do.	National X-Ray Reflector Co.....	Apparatus.....	20 81
12835	do.	John Reichard.....	Oats.....	30 98
12836	do.	Hoagland's Livery & Garage.....	Service.....	3 00
12837	do.	Burrough's Adding Machine Co.....	Carrier.....	5 00
12838	do.	Shavings & Sawdust Co.....	Shavings.....	75 30
12839	do.	J. G. Biddle.....	Laboratory apparatus.....	148 00
12840	do.	C. A. Schieren Co.....	Belting.....	94 76
12841	do.	Engineering Record.....	Advertising.....	14 82
12842	do.	The Engineering Magazine.....	do.....	12 54
12843	do.	The Otto Gas Engine Works.....	Hopper.....	60 00
12844	do.	B. W. Benedict.....	Expenses.....	7 30
12845	do.	Jahn & Ollier Engraving Co.....	Tracings, etc.....	107 20
12846	do.	The R. W. McCready Cork Co.....	Corks.....	6 86
12847	do.	P. Adams.....	Hauling coal.....	26 66
12848	do.	Buffalo Meter Co.....	Meter.....	42 00
12849	do.	Munn & Co.....	Book.....	1 35
12850	do.	Parker-Russell Mining & Mfg. Co.....	Fire brick.....	6 15
12851	do.	Illinois Electrical Mfg. Co.....	Labor and material.....	69 40
12852	do.	Beam Spray Pump Co.....	Repairs.....	3 44
12853	do.	Alex Harmon & Son.....	Blacksmithing.....	6 50
12854	do.	The Lawyers Co-op. Publishing Co.....	Books.....	2 50
12855	do.	T. H. Flood & Co.....	do.....	41 75
12856	do.	The Carswell Co.....	do.....	331 60
12857	do.	J. W. Cadby.....	do.....	7 30
12858	do.	The Housekeeping Experiment Station.....	Bulletins.....	1 00
12859	do.	The Cadmus Book Shop.....	Book.....	2 50
12860	do.	The McKinley Publishing Co.....	Leaflets.....	3 10
12861	do.	S. O. Andros.....	Photo supplies.....	5 60
12862	do.	The H. O. Shepard Co.....	Paper.....	2 75
12863	do.	Federal Steel Fixture Co.....	Shelving.....	50 00
12864	do.	D. Appleton & Co.....	Book.....	3 50
12865	do.	Ideal Ventilator Co.....	Ventilators.....	12 00
12866	do.	R. L. Polk & Co.....	Directory.....	5 00
12867	do.	Lemcke & Buechner.....	Books.....	2 75
12868	do.	The Beck Duplicator Co.....	Supplies.....	6 00
12869	do.	H. F. Ferguson.....	Expenses.....	7 57
12870	do.	Indianapolis Engraving & Electrotyping Co.....	Etchings.....	21 42
12871	do.	D. M. Sims, Contractor.....	Payment on contract.....	58 00
12872	do.	Foley Mfg. Co., Contractors.....	do.....	1,472 50
12873	Feb. 13	Stock Yards Harness & Saddlery Co.....	Harness.....	69 00
12874	do.	Twentieth Century Press Clipping Bureau.....	Clippings.....	2 50
12875	do.	R. C. Wagner & Son.....	Coal.....	10 28
12876	do.	J. C. Streibich.....	Transfer cases.....	2 00
12877	do.	John Wyeth & Bro.....	Chemicals.....	1 53
12878	do.	Diack & Smith.....	Supplies.....	62 00
12879	do.	G. E. Frazer.....	Expenses.....	12 74
12880	do.	G. E. Simpson.....	Loan.....	30 00
12881	do.	C. T. Hufford.....	do.....	50 00
12882	do.	C. P. Barkman.....	do.....	50 00
12883	do.	W. F. Fielder.....	do.....	100 00
12884	do.	H. C. Petersen.....	do.....	50 00
12885	do.	Jacob White, Contractor.....	Plastering.....	65 50
12886	do.	Tinius Olsen Testing Machine Co.....	Scales, etc.....	292 50
12887	do.	F. W. Woolworth & Co.....	Pans.....	2 40
12888	do.	W. W. Lindley.....	Postage.....	5 00
12889	do.	L. Wolff Mfg. Co.....	Drain and trap.....	7 94
12890	do.	Swartz Electric Shop.....	Supplies.....	1 55
12891	do.	Williams Brothers.....	Paper.....	4 80
12892	do.	The Varsity Print Shop.....	Printing.....	11 00
12893	do.	H. O. James, Secretary.....	Book.....	10 00
12894	do.	D. Appleton & Co.....	do.....	3 50
12895	do.	C. J. Welch, Contractor.....	Platform.....	8 00
12896	do.	N. W. Ayer & Son.....	Book.....	5 60

## GENERAL UNIVERSITY WARRBNTS—Continued.

No.	Date.	To whom.	For what.	Amount.
12897	1913.			
Feb. 13				
12897	Feb. 13	Dry Grove Farmer's Grain Co.....	Oats.....	\$511 50
12898	..do..	The Urbana Courier Co.....	Printing.....	3 50
12899	..do..	Ralph Hilscher.....	Expenses.....	26 62
12900	..do..	W. G. Stromquist.....	..do.....	18 18
12901	..do..	Frison Carriage Shop.....	Repairs.....	2 00
12902	..do..	Wm. Sim Drug Co.....	Supplies.....	2 00
12903	..do..	Standard Oil Co.....	Oil.....	27 57
12904	..do..	Leavitt Mfg. Co.....	Hardware.....	181 41
12905	..do..	Flanigan-Pearson Co.....	Printing.....	83 04
12906	..do..	J. H. Doyle.....	Hardware.....	26 16
12907	..do..	A. C. McClurg & Co.....	Books.....	105 05
12908	..do..	Eberhard Faber.....	Pencils.....	28 39
12909	..do..	Weil Brothers.....	Piping, etc.....	26 50
12910	..do..	The University of Illinois Supply Store.....	Stationery.....	88 18
12911	..do..	J. C. Thomas.....	Hardware.....	12 64
12912	..do..	W. W. Walls & Co.....	Lumber.....	18 16
12913	..do..	Boston Book Co.....	Book.....	13 50
12914	..do..	Western Carbon & Ribbon Co.....	Ribbons, etc.....	14 66
12915	..do..	Twin City Printing Co.....	Printing.....	13 50
12916	..do..	U. & C. Ry., Gas & Electric Co.....	Gas, etc.....	94 10
12917	..do..	The University Press.....	Printing.....	6 00
12918	..do..	B. A. Strauch.....	Photo work.....	4 75
12919	..do..	Walker & Mulliken.....	Furniture, etc.....	66 55
12920	..do..	Mittendorf & Kiler.....	..do.....	32 87
12921	..do..	Stipes & Hecker.....	Cement.....	21 68
12922	..do..	Jacob White.....	Plantering.....	71 50
12923	..do..	A. M. & L. A. Terwilliger.....	Hardware.....	1 90
12924	..do..	G. W. Sheldon & Co.....	Duties and charges.....	14 46
12925	..do..	Green Street Pharmacy.....	Supplies.....	35 37
12926	..do..	E. H. Sargent & Co.....	Laboratory supplies.....	132 12
12927	..do..	H. McFadden & Bro.....	Oil meal.....	20 30
12928	..do..	Central Electric Co.....	Electrical supplies.....	155 39
12929	..do..	Eimer & Amend.....	Laboratory apparatus.....	30 83
12930	..do..	The American Multigraph Sales Co.....	Services.....	1 25
12931	..do..	W. F. Hardy.....	Hardware.....	16 00
12932	..do..	Flat Iron Store Co.....	Supplies.....	13 92
12933	..do..	Electric Coal Co.....	Coal.....	263 39
12934	..do..	Bennett's Newspaper & Magazine Agency.....	Subscriptions.....	23 35
12935	..do..	Bacon Brothers.....	Paints, etc.....	12 76
12936	..do..	J. W. Butler Paper Co.....	Supplies.....	44 02
12937	..do..	National Carbon Co.....	..do.....	32 10
12938	..do..	Illinois State Reformatory.....	Printing.....	258 60
12939	..do..	S. E. Huff & Co.....	Lumber.....	325 10
12940	..do..	Reliable Plumbing & Heating Co.....	Supplies.....	188 14
12941	..do..	Knowlton & Bennett.....	..do.....	24 15
12942	..do..	L. C. Smith & Bros. Typewriter Co.....	Rental.....	13 50
12943	..do..	Percival & Moorehead.....	Hardware.....	21 26
12944	..do..	C. A. Hall Hardware Co.....	..do.....	62 21
12945	..do..	G. E. Stechert & Co.....	Books.....	358 26
12946	..do..	Ernst Hertzberg & Sons.....	Bookbinding.....	221 14
12947	Feb. 14	R. A. Braithwaite.....	Professional services.....	30 35
12948	..do..	J. W. Stokes.....	Expenses.....	4 25
12949	..do..	H. N. Parker.....	..do.....	3 96
12950	..do..	H. W. Corzine.....	Loan.....	200 00
12951	..do..	C. M. Fuller.....	..do.....	150 00
12952	..do..	C. E. Myers.....	..do.....	150 00
12953	..do..	Wilhelm Miller.....	Expenses.....	13 50
12954	..do..	W. F. Handschin.....	..do.....	6 95
12955	..do..	J. L. Edmonds.....	..do.....	28 66
12956	..do..	W. C. Coffey.....	..do.....	53 53
12957	..do..	H. F. Rusk.....	..do.....	10 10
12958	..do..	R. I. Kelley.....	..do.....	7 29
12959	..do..	J. C. Robinson.....	Ewes.....	137 50
12960	..do..	Geo. Burnap.....	Lecture and expenses.....	175 02
12961	..do..	Samuel Harris & Co.....	Plates.....	13 35
12962	..do..	G. W. Rosemeier.....	Straw.....	59 60
12963	..do..	W. C. Coffey.....	Expenses.....	18 61
12964	..do..	W. F. Handschin.....	..do.....	12 51
12965	..do..	M. J. Conley.....	..do.....	6 11
12966	..do..	A. N. Abbott.....	..do.....	296 28
12967	..do..	University Club.....	Entertaining guests.....	27 45
Feb. 15				
12968	Feb. 15	J. L. Gardner.....	Services.....	40 00
12969	..do..	O. E. Staples, Chief Clerk.....	Payments, dairy products.....	183 97
Feb. 18				
12970	Feb. 18	J. E. Readhimer.....	Expenses.....	39 37
12971	..do..	A. F. Krueger.....	..do.....	15 73
12972	..do..	F. A. Pearson.....	..do.....	30 70
12973	..do..	A. Ten Broeck.....	..do.....	6 25
12974	..do..	R. C. Kastler.....	..do.....	4 19
12975	..do..	A. Flanagan Co.....	Books.....	5 00



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
12976	Feb. 18	White Line Steam Laundry.....	Washing.....	\$ 56 45
12977	..do..	W. L. Gray.....	Services.....	30 00
12978	..do..	Pitsenbarger & Flynn.....	Labor.....	1 00
12979	..do..	H. Lasell.....	Repairing.....	3 60
12980	..do..	H. A. Swits.....	Rabbits.....	5 00
12981	..do..	C. C. Logan.....	Expenses.....	29 24
12982	..do..	Marine Biological Ass'n. of the United Kingdom.....	Specimens.....	20 57
12983	..do..	B. E. Powell.....	Expenses.....	16 29
12984	..do..	Leonard Hegnauer.....	..do..	24 55
12985	..do..	M. L. Weismann.....	Typing work.....	20 38
12986	..do..	The Construction News Co.....	Advertising.....	10 80
12987	..do..	National Engraving Co.....	Etchings.....	4 75
12988	..do..	W. C. Wright.....	Services.....	20 00
12989	..do..	W. A. Jones Foundry & Machine Co.....	Hardware.....	145 00
12990	..do..	Dean Brothers Steam Pump Works.....	Pump.....	119 45
12991	..do..	F. Dörner & Sons Co.....	Plants.....	105 00
12992	..do..	Martinus Nijhoff.....	Books.....	50 20
12993	..do..	Bertram Dobell.....	..do..	2 50
12994	..do..	Leo S. Olchki.....	..do..	2 85
12995	..do..	Robert Gaffner & Co.....	Lamps and clock.....	14 35
12996	..do..	H. V. Goldmann.....	Book.....	6 69
12997	..do..	Alphonse Picard & Fils.....	..do..	2 00
12998	..do..	Karl W. Hiersemann.....	Books.....	19 54
12999	..do..	Gustaf Fock.....	..do..	1 46
13000	..do..	State Historical Society of Iowa.....	..do..	5 50
13001	..do..	N. W. Damm & Son.....	..do..	57 28
13002	..do..	Otto Harrassowitz.....	..do..	90 88
13003	..do..	J. A. Burlingame & Co.....	..do..	27 08
13004	..do..	Max Weg.....	..do..	6 28
13005	..do..	H. Friedlander & Sohn.....	..do..	24 17
13006	..do..	The Martindale Mercantile Agency.....	Directory.....	10 50
13007	..do..	Andrew Reid & Co., Ltd.....	Book.....	1 00
13008	..do..	Allen F. Moore.....	Expenses.....	69 30
13009	..do..	H. A. Hollister.....	..do..	23 50
13010	..do..	E. B. Lytle.....	..do..	17 20
13011	..do..	T. J. Burrill.....	Allowance.....	250 00
13012	..do..	Heaton's Agency.....	Books.....	1 28
13013	..do..	J. E. Whitchurch.....	Expenses.....	37 85
13014	..do..	H. P. Rusk.....	..do..	12 43
13015	..do..	Illinois Press Clipping Bureau.....	Clippings.....	5 00
13016	..do..	W. W. Walls & Co.....	Lumber.....	272 05
13017	..do..	The A. H. Clark & Co.....	Books.....	176 68
13018	..do..	Illinois State Reformatory.....	Printing.....	441 20
13019	..do..	F. K. Robeson.....	Dry goods.....	72 82
13020	..do..	J. R. Wells.....	Expenses.....	20 61
13021	..do..	A. S. Nelson & Sons.....	Groceries.....	18 96
13022	..do..	Illinois State Penitentiary.....	Furniture.....	73 50
13023	..do..	Freeman & Brooks, Contractors.....	Payments on contract.....	1,740 00
13024	Feb. 19	Ralph Chaplin.....	Expenses.....	42 45
13025	..do..	T. E. Lindsey.....	Corn.....	180 72
13026	..do..	Emmett Fiscus.....	Straw.....	56 21
13027	..do..	C. R. Richards.....	Bill paid.....	5 50
13028	..do..	G. Rappily.....	Books.....	27 21
13029	..do..	Callaghan & Co.....	..do..	15 75
13030	..do..	G. E. Stechert & Co.....	..do..	68 84
13031	..do..	Central Electric Co.....	Supplies.....	337 98
13032	..do..	The Burr Co.....	Hardware.....	118 30
13099	Feb. 21	David Kinley.....	Expenses.....	40 89
13100	..do..	Bliss Perry.....	Lectures and expenses.....	225 00
13101	..do..	Electric Coal Co.....	Coal.....	3,726 75
13102	Feb. 22	George Poll.....	Straw.....	117 76
13103	..do..	E. P. Ludwig.....	Allowance.....	200 00
13104	..do..	H. A. Hollister.....	Expenses.....	19 51
13105	Feb. 24	B. C. Ames.....	Gauges.....	80 00
13106	..do..	American Steam Pump Co.....	Pump supplies.....	7 41
13107	..do..	Antiquariat Dr. Nolte.....	Books.....	5 02
13108	..do..	Bausch & Lomb Optical Co.....	Laboratory apparatus.....	46 95
13109	..do..	J. W. Butler Paper Co.....	Stationery.....	22 36
13130	..do..	Central Electric Co.....	Supplies.....	46 59
13111	..do..	Chicago Retort & Fire Brick Co.....	Tile.....	1 90
13112	..do..	C. N. Clark & Co.....	Labor.....	2 50
13113	..do..	Crane Co.....	Hardware.....	33 29
13114	..do..	J. P. Haley.....	Cow-peas.....	24 00
13115	..do..	Otto Harrassowitz.....	Books.....	22 42
13116	..do..	Leonard Hegnauer.....	Expenses.....	9 93
13117	..do..	Paul Hansen.....	..do..	106 47
13118	..do..	J. F. Johnson.....	..do..	14 63
13119	..do..	W. W. Lindley, Postmaster.....	Postage.....	447 03

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1913.				
13120	Feb. 24	D. H. Lloyd.	Supplies.	\$ 159 31
13121	do.	W. A. Marschhauser.	Final payment on machine.	100 00
13122	do.	C. A. Patton.	Wages, Feb. 20-March 20, 1913.	25 00
13123	do.	A. G. Phillips.	Slides.	11 58
13124	do.	Bernard Quaritch.	Books.	136 70
13125	do.	Reliable Plumbing & Heating Co.	Supplies.	246 84
13126	do.	W. H. Rowe.	Services.	15 00
13127	do.	Henry Stevens, Son & Stiles.	Books.	52 72
13128	do.	A. L. Sponsel.	Copying record.	4 00
13129	do.	G. Broes Van Dort Co.	Books.	36 00
13130	do.	The Western Gas Fixture Co.	Supplies.	1,493 20
13131	do.	Western Electric Co.	Supplies.	48 39
13132	do.	William Bros.	Glass and curtains.	5 80
13133	do.	Gustave Fock.	Books.	7 87
13134	do.	O. E. Staples, Chief Clerk.	Sundry bills paid.	188 34
13135	do.	O. E. Staples, Chief Clerk.	Express bills paid.	89 73
13136	do.	O. E. Staples, Chief Clerk.	Freight bills paid.	302 04
13137	do.	O. E. Staples, Chief Clerk.	Students pay roll.	599 33
13138	do.	O. E. Staples, Chief Clerk.	Rebates to students.	431 25
13139	do.	F. J. E. Woodbridge.	Lectures and expenses.	370 57
13140	Feb. 28	Orr Allyn.	Salary, February, 1913.	70 00
13141	do.	E. Van Alstine.	do.	150 00
13142	do.	J. P. Aumer.	do.	150 00
13143	do.	D. O. Barto.	do.	166 66
13144	do.	F. C. Bauer.	do.	125 00
13145	do.	S. J. Bole.	do.	133 33
13146	do.	Isabel Bevier.	do.	250 00
13147	do.	L. R. Binding.	do.	70 00
13148	do.	J. C. Blair.	do.	416 66
13149	do.	R. E. Brand.	do.	166 66
13150	do.	Sleeter Bull.	do.	116 66
13151	do.	W. L. Burlison.	do.	100 00
13152	do.	W. J. Carmichael.	do.	41 66
13153	do.	H. C. M. Case.	do.	41 66
13154	do.	Nina B. Crigler.	do.	120 00
13155	do.	W. C. Coffey.	do.	225 00
13156	do.	W. T. Crandall.	do.	133 33
13157	do.	E. Davenport.	do.	500 00
13158	do.	J. A. Detlefsen.	do.	166 66
13159	do.	R. W. Dickenson.	do.	70 00
13160	do.	I. W. Dickerson.	do.	150 00
13161	do.	H. B. Dörner.	do.	200 00
13162	do.	C. E. Durst.	do.	125 00
13163	do.	J. L. Edmonds.	do.	166 66
13164	do.	K. J. T. Ekblaw.	do.	150 00
13165	do.	Augusta D. Evans.	do.	83 33
13166	do.	Georgia Fleming.	do.	100 00
13167	do.	F. A. Fisher.	do.	83 33
13168	do.	O. S. Fisher.	do.	166 66
13169	do.	L. E. Foglesong.	do.	100 00
13170	do.	W. J. Fraser.	do.	291 66
13171	do.	F. W. Garrett.	do.	83 33
13172	do.	J. J. Gardner.	do.	100 00
13173	do.	W. B. Gernert.	do.	125 00
13174	do.	Charlotte Gibbs.	do.	125 00
13175	do.	Nellie Goldthwaite.	do.	166 66
13176	do.	Cora E. Gray.	do.	110 00
13177	do.	H. S. Grindley.	do.	291 66
13178	do.	W. L. Gaines.	do.	150 00
13179	do.	A. J. Gunderson.	do.	83 33
13180	do.	A. F. Gustafson.	do.	150 00
13181	do.	L. D. Hall.	do.	225 00
13182	do.	W. F. Handschin.	do.	150 00
13183	do.	Leonard Hegnauer.	do.	250 00
13184	do.	N. W. Hepburn.	do.	175 00
13185	do.	C. G. Hopkins.	do.	416 66
13186	do.	S. V. Holt.	do.	150 00
13187	do.	E. E. Hoskins.	do.	150 00
13188	do.	R. S. Hulce.	do.	100 00
13189	do.	Jas. Hutchinson.	do.	100 00
13190	do.	M. E. Jahr.	do.	120 00
13191	do.	W. E. Joseph.	do.	125 00
13192	do.	Oran Keller.	do.	70 00
13193	do.	O. A. Keller.	do.	83 33
13194	do.	L. R. Lang.	do.	133 33
13195	do.	W. R. Leighty.	do.	100 00
13196	do.	C. C. Logan.	do.	150 00
13197	do.	J. W. Lloyd.	do.	266 66
13198	do.	D. McIntosh.	do.	208 33

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
13199	Feb. 28	Wilhelm Miller	Salary, February, 1913.	\$250 00
13200	do.	H. H. Mitchell	do.	125 00
13201	do.	D. A. Abrams	do.	133 33
13202	do.	C. C. Adams	do.	137 50
13203	do.	R. M. Alden	do.	333 33
13204	do.	W. C. Allee	do.	120 00
13205	do.	C. H. Allen	do.	30 00
13206	do.	C. W. Alvord	do.	145 83
13207	do.	L. F. Anderson	do.	208 33
13208	do.	S. O. Andros	do.	150 00
13209	do.	June M. Ashley	do.	30 00
13210	do.	Ruth S. Atwell	do.	60 00
13211	do.	G. D. Bagley	Scholarship, February, 1913.	25 00
13212	do.	W. C. Bagley	Salary, February, 1913.	291 66
13213	do.	Margaret L. Bailey	Fellowship, February, 1913.	50 00
13214	do.	W. H. Bair	Salary, February, 1913.	50 00
13215	do.	I. O. Baker	do.	333 33
13216	do.	R. E. Baker	do.	30 00
13217	do.	E. C. Baldwin	do.	150 00
13218	do.	C. W. Balke	do.	183 33
13219	do.	Bronson Barlow	do.	50 00
13220	do.	Panzy Barger	do.	30 00
13221	do.	J. T. Barrett	do.	58 33
13222	do.	H. H. Bartells	do.	50 00
13223	do.	P. S. Barto	do.	100 00
13224	do.	H. J. Barton	do.	250 00
13225	do.	Edward Bartow	do.	291 66
13226	do.	S. J. Bates	do.	100 00
13227	do.	W. S. Bayley	do.	187 50
13228	do.	G. D. Beal	do.	120 00
13229	do.	J. H. Beard	do.	120 00
13230	do.	J. B. Beck	do.	166 66
13231	do.	Robert Beck	do.	75 00
13232	do.	J. E. Bell	do.	60 00
13233	do.	B. W. Benedict	do.	291 66
13234	do.	Madison Bentley	do.	250 00
13235	do.	E. J. Berg	do.	333 33
13236	do.	Daisy L. Blaisdell	do.	100 00
13237	do.	D. S. Blondheim	do.	116 66
13238	do.	Leonard Bloomfield	do.	120 00
13239	do.	B. H. Bode	do.	250 00
13240	do.	E. L. Bogart	do.	250 00
13241	do.	G. P. Boomsliter	do.	130 00
13242	do.	Ethel Bond	do.	83 33
13243	do.	R. L. Berger	do.	125 00
13244	do.	C. V. Boyer	do.	120 00
13245	do.	R. O. Brigham	do.	60 00
13246	do.	Alice D. Brooks	do.	30 00
13247	do.	Morgan Brooks	do.	250 00
13248	do.	N. C. Brooks	do.	200 00
13249	do.	Verna Brooks	do.	80 00
13250	do.	Elizabeth P. Brush	do.	80 00
13251	do.	F. F. Brown	do.	20 00
13252	do.	J. M. Bryant	do.	183 33
13253	do.	W. A. Buchen	do.	110 00
13254	do.	A. M. Buck	do.	150 00
13255	do.	S. J. Buck	do.	116 66
13256	do.	W. E. Burge	do.	166 66
13257	do.	L. V. Burton	do.	30 00
13258	do.	S. C. Burton	do.	120 00
13259	do.	H. V. Canter	do.	166 66
13260	do.	A. P. Carman	do.	333 33
13261	do.	D. H. Carnahan	do.	208 33
13262	do.	F. W. Carpenter	do.	166 66
13263	do.	G. E. Carscallen	do.	75 00
13264	do.	H. Y. Carson	do.	125 00
13265	do.	Roy Carter	do.	100 00
13266	do.	A. K. Chittenden	do.	229 16
13267	do.	E. W. Chittenden	do.	120 00
13268	do.	Edwin Walworth	do.	50 00
13269	do.	C. R. Clark	do.	166 66
13270	do.	K. A. Clark	do.	30 00
13271	do.	T. A. Clark	do.	416 66
13272	do.	L. D. Coffman	do.	250 00
13273	do.	Alexander Cohn	do.	10 00
13274	do.	A. C. Cole	do.	130 00
13275	do.	Vida L. Collins	do.	90 00
13276	do.	Chester Turner	do.	45 00
13277	do.	A. F. Comstock	do.	180 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
13278	Feb. 28, 1913.	H. P. Corson.....	Salary, February, 1913.....	\$100 00
13279	.....	F. K. Cowley.....	do.....	120 00
13280	.....	Jennie A. Craig.....	do.....	75 00
13281	.....	A. R. Crathorne.....	do.....	141 66
13282	.....	H. L. Greek.....	do.....	15 00
13283	.....	B. H. Crowder.....	do.....	120 00
13284	.....	W. E. Cummins.....	do.....	15 00
13285	.....	Florence R. Curtis.....	do.....	110 00
13286	.....	A. M. Daniels.....	do.....	300 00
13287	.....	Janita E. Parrish.....	do.....	10 00
13288	.....	Lloyd Davis.....	do.....	30 00
13289	.....	R. E. Davis.....	do.....	100 00
13290	.....	B. S. Davissom.....	do.....	50 00
13291	.....	W. B. Day.....	do.....	203 35
13292	.....	E. H. Decker.....	do.....	250 00
13293	.....	J. A. Dent.....	do.....	120 00
13294	.....	W. W. Denton.....	do.....	141 66
13295	.....	C. G. Derick.....	do.....	250 00
13296	.....	E. R. Devanup.....	do.....	250 00
13297	.....	J. K. Dilchy.....	do.....	80 00
13298	.....	W. F. Dodd.....	do.....	166 66
13299	.....	D. K. Dodge.....	do.....	250 00
13300	.....	A. B. Dankske.....	do.....	128 33
13301	.....	G. W. Dowie.....	do.....	90 00
13302	.....	F. K. W. Drury.....	do.....	229 16
13303	.....	J. C. Duncan.....	do.....	166 66
13304	.....	F. O. Dufour.....	do.....	90 00
13305	.....	J. M. Duncan.....	do.....	10 00
13306	.....	R. S. Dunham.....	do.....	55 00
13307	.....	Fannie Dunlap.....	do.....	91 66
13308	.....	H. H. Dunn.....	do.....	60 00
13309	.....	R. A. Dutcher.....	do.....	30 00
13310	.....	H. S. Eames.....	do.....	130 00
13311	.....	E. T. Ebersol.....	do.....	50 00
13312	.....	Wm. C. Reis.....	Fellowship, February, 1913.....	50 00
13313	.....	Earl Meenach.....	do.....	60 00
13314	.....	W. E. Ekblaw.....	Salary, February, 1913.....	60 00
13315	.....	Frederick Ellis.....	do.....	150 00
13316	.....	Arnold Emoh.....	do.....	166 66
13317	.....	M. L. Enger.....	do.....	166 66
13318	.....	E. W. Engle.....	do.....	30 00
13319	.....	N. E. Ensign.....	do.....	120 00
13320	.....	L. B. Erneling.....	do.....	20 00
13321	.....	J. A. Farlie.....	do.....	30 00
13322	.....	L. T. Farhall.....	do.....	30 00
13323	.....	S. P. Farlow.....	do.....	50 00
13324	.....	E. C. Faust.....	do.....	140 00
13325	.....	Mary E. Fawcett.....	do.....	60 00
13326	.....	Whitred Fehrenkamp.....	do.....	166 66
13328	.....	Emma Felsenthal.....	do.....	65 00
13329	.....	R. F. Ferguson.....	do.....	75 00
13330	.....	E. E. Fiero.....	do.....	60 00
13331	.....	E. J. Filbey.....	do.....	45 00
13332	.....	J. D. Fitz Gerald II.....	do.....	166 66
13333	.....	F. B. Flanagan.....	do.....	120 00
13334	.....	F. L. Fleener.....	do.....	208 33
13335	.....	V. H. Fleming.....	do.....	80 00
13336	.....	C. H. Fletcher.....	do.....	40 00
13337	.....	G. T. Flom.....	do.....	125 00
13338	.....	J. W. Folsom.....	do.....	15 00
13339	.....	S. A. Forbes.....	do.....	208 33
13340	.....	G. S. Ford.....	do.....	166 66
13341	.....	G. E. Frazer.....	do.....	41 66
13342	.....	J. A. Frisk.....	do.....	250 00
13343	.....	Edward Fulton.....	do.....	91 66
13344	.....	J. W. Garner.....	do.....	175 00
13345	.....	N. B. Garver.....	do.....	250 00
13346	.....	James O'Brien.....	do.....	1 0 00
13347	.....	Rose-Lee Gant.....	do.....	35 00
13348	.....	H. L. Gill.....	do.....	200 00
13350	.....	C. E. Gillett.....	do.....	30 00
13351	.....	Hugh Glasgow.....	do.....	30 00
13352	.....	E. A. Glenz.....	do.....	60 00
13353	.....	H. F. Goddard.....	do.....	10 00
13354	.....	Julius Goebel.....	do.....	120 00
13355	.....	H. F. Gorneman.....	do.....	270 83
13356	.....	G. A. Goodenough.....	do.....	120 00
13357	.....	.....	do.....	250 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
13357	Feb. 28	Elmer Jenkins.....	Salary, February, 1913.....	\$ 55 00
13358	..do..	T. G. Goodwin.....	..do..	90 00
13359	..do..	W. F. M. Goss.....	..do..	500 00
13360	..do..	F. S. Goulding.....	..do..	133 33
13361	..do..	Bessie R. Green.....	..do..	60 00
13362	..do..	Frederick Green.....	..do..	291 66
13363	..do..	E. B. Greene.....	..do..	375 00
13364	..do..	T. H. Guild.....	..do..	125 00
13365	..do..	J. E. Guthberlet.....	..do..	60 00
13366	..do..	Alta Gwinn.....	..do..	80 00
13367	..do..	G. C. Habermeyer.....	..do..	141 66
13368	..do..	H. F. Hadley.....	Fellowship, February 1913.....	50 00
13369	..do..	Stella M. Hague.....	Salary, February, 1913.....	80 00
13370	..do..	H. G. Hake.....	..do..	120 00
13371	..do..	W. G. Hale.....	..do..	250 00
13372	..do..	R. G. Hall.....	..do..	30 00
13373	..do..	L. G. Hana.....	..do..	170 00
13374	..do..	Paul Hansen.....	..do..	250 00
13375	..do..	Sada Harbarger.....	..do..	90 00
13376	..do..	A. A. Harding.....	..do..	150 00
13377	..do..	O. A. Harker.....	..do..	333 33
13378	..do..	E. C. Hayes.....	..do..	233 33
13379	..do..	C. M. Hebbert.....	..do..	60 00
13380	..do..	G. W. Heitkamp.....	..do..	40 00
13381	..do..	F. E. Held.....	..do..	50 00
13382	..do..	W. S. Hendrix.....	..do..	85 00
13383	..do..	Margaret Herdman.....	..do..	75 00
13384	..do..	R. W. Hess.....	..do..	30 00
13385	..do..	C. K. Hewes.....	..do..	50 00
13386	..do..	F. E. Hill.....	..do..	80 00
13387	..do..	Ralph Hilscher.....	..do..	100 00
13388	..do..	M. E. Hinds.....	..do..	60 00
13389	..do..	Wilhelm Hirschkind.....	..do..	80 00
13390	..do..	Jacob Hodnefield.....	..do..	100 00
13391	..do..	H. C. Hohman.....	..do..	20 00
13392	..do..	M. A. Hollinshead.....	..do..	40 00
13393	..do..	H. A. Hollister.....	..do..	229 16
13394	..do..	E. E. Hollman.....	..do..	60 00
13395	..do..	B. R. Honevski.....	..do..	60 00
13396	..do..	B. S. Hopkins.....	..do..	120 00
13397	..do..	J. W. Hornbeck.....	..do..	100 00
13398	..do..	C. R. Horrell.....	..do..	20 00
13399	..do..	C. F. Hottes.....	..do..	208 33
13400	..do..	H. A. Houston.....	Fellowship, February, 1913.....	50 00
13401	..do..	J. E. Huber.....	Scholarship, February, 1913.....	25 00
13402	..do..	H. L. Huenink.....	Salary, February, 1913.....	50 00
13403	..do..	G. A. Huff.....	..do..	250 00
13404	..do..	R. K. Hursh.....	..do..	100 00
13405	..do..	Margaret Hutchins.....	..do..	75 00
13406	..do..	Edmund J. James.....	..do..	1,000 00
13407	..do..	L. V. James.....	..do..	130 00
13408	..do..	C. E. Janvrin.....	..do..	37 50
13409	..do..	Alice Johnson.....	..do..	70 00
13410	..do..	McElroy Johnston.....	..do..	170 00
13411	..do..	H. S. V. Jones.....	..do..	150 00
13412	..do..	Isabel Jones.....	..do..	110 00
13413	..do..	L. T. Jones.....	..do..	85 00
13414	..do..	Ralph Jones.....	..do..	90 00
13415	..do..	R. C. Jones.....	..do..	160 00
13416	..do..	R. T. Jones.....	..do..	140 00
13417	..do..	H. H. Jordan.....	..do..	100 00
13418	..do..	J. C. Jordan.....	..do..	100 00
13419	..do..	Emma R. Jutton.....	..do..	100 00
13420	..do..	J. B. Kaiser.....	..do..	100 00
13421	..do..	Oliver Kamm.....	..do..	60 00
13422	..do..	Eleanor G. Karsten.....	..do..	100 00
13423	..do..	C. F. Kelley.....	..do..	130 00
13424	..do..	J. M. Kellogg.....	..do..	140 00
13425	..do..	Ruth Kelso.....	..do..	80 00
13426	..do..	A. J. Kempner.....	..do..	130 00
13427	..do..	R. E. Kennedy.....	..do..	110 00
13428	..do..	Ernst Kessler.....	..do..	60 00
13429	..do..	V. A. Ketcham.....	..do..	150 00
13430	..do..	Arthur Kiernan.....	..do..	60 00
13431	..do..	A. H. Kimball.....	..do..	140 00
13432	..do..	S. F. Kimball.....	..do..	120 00
13433	..do..	Margaret L. Kingsbury.....	..do..	75 00
13434	..do..	David Kinley.....	..do..	500 00
13435	..do..	Florence M. Kirkup.....	..do..	100 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
13436	Feb. 28, 1913.	C. T. Knipp.....	Salary, February, 1913.	\$208 33
13437	-do-	J. F. Kobout.....	-do-	10 00
13438	-do-	A. H. Koller.....	-do-	100 00
13439	-do-	A. P. Kratz.....	-do-	100 00
13440	-do-	E. V. Kratz.....	Scholarship, February, 1913.	25 00
13441	-do-	A. C. Krey.....	Salary, February, 1913.	140 00
13442	-do-	Jakob Kunz.....	-do-	208 33
13443	-do-	Martha J. Kyle.....	-do-	120 00
13444	-do-	E. M. R. Lankey.....	-do-	60 00
13445	-do-	E. J. Lake.....	-do-	150 00
13446	-do-	Marion C. Landee.....	-do-	90 00
13447	-do-	W. F. Langeler.....	-do-	100 00
13448	-do-	E. T. Lanham.....	-do-	105 00
13449	-do-	L. M. Larson.....	-do-	216 66
13450	-do-	H. H. Laufer.....	-do-	150 00
13451	-do-	T. E. Layting.....	-do-	30 00
13452	-do-	E. H. Leslie.....	-do-	30 00
13453	-do-	O. E. Lessing.....	-do-	233 33
13454	-do-	O. A. Leutwiler.....	-do-	200 00
13455	-do-	I. H. Liljebel.....	-do-	90 00
13456	-do-	F. C. Lincoln.....	-do-	166 66
13457	-do-	R. H. Linkins.....	-do-	30 00
13458	-do-	C. M. Linsley.....	-do-	21 66
13459	-do-	Simon Litman.....	-do-	183 33
13460	-do-	F. C. Loring.....	-do-	120 00
13461	-do-	C. A. Ludwig.....	-do-	30 00
13462	-do-	H. T. Lundquist.....	-do-	50 00
13463	-do-	E. B. Lytle.....	-do-	133 33
13464	-do-	Ellen S. McCarthy.....	-do-	120 00
13465	-do-	Lois D. McCobb.....	-do-	90 00
13466	-do-	A. B. McDaniel.....	-do-	208 33
13467	-do-	Rudolph McDermet.....	Fellowship, February, 1913.	50 00
13468	-do-	D. F. McFarland.....	Salary, February, 1913.	150 00
13469	-do-	C. G. McArthur.....	-do-	150 00
13470	-do-	Wallace MacFarlane.....	Salary, February, 1913.	30 00
13471	-do-	A. D. MacGillivray.....	Fellowship, February, 1913.	208 33
13472	-do-	D. A. Macdonn.....	-do-	120 00
13473	-do-	C. W. Malcolm.....	-do-	150 00
13474	-do-	G. E. Maney.....	Fellowship, February, 1913.	50 00
13475	-do-	E. J. Manley.....	Salary, February, 1913.	120 00
13476	-do-	F. M. Mann.....	-do-	333 33
13477	-do-	F. W. Margus.....	-do-	150 00
13478	-do-	O. R. Martin.....	-do-	50 00
13479	-do-	M. S. Mason.....	Fellowship, February, 1913.	110 00
13480	-do-	J. M. Mathews.....	Salary, February, 1913.	133 33
13481	-do-	G. H. Meyer.....	-do-	208 33
13482	-do-	E. B. Millard.....	-do-	110 00
13483	-do-	F. H. Millard.....	-do-	110 00
13484	-do-	G. A. Miller.....	-do-	60 00
13485	-do-	H. W. Miller.....	-do-	250 00
13486	-do-	R. N. Miller.....	-do-	35 00
13487	-do-	W. S. Miller.....	-do-	125 00
13488	-do-	C. H. Mills.....	-do-	208 33
13489	-do-	Brahmer Mitchell, jr.....	-do-	208 33
13490	-do-	Margaret Mitchell.....	-do-	8 00
13491	-do-	F. W. Mohlmann.....	-do-	0 00
13492	-do-	H. C. Moore.....	-do-	60 00
13493	-do-	H. F. Moore.....	-do-	20 00
13494	-do-	O. H. Moore.....	-do-	208 33
13495	-do-	Ruby Moore.....	-do-	110 00
13496	-do-	B. C. Morse.....	-do-	120 00
13497	-do-	Wm. E. Mosher.....	-do-	45 00
13498	-do-	C. M. Moss.....	Fellowship, February, 1913.	50 00
13499	-do-	Gertrude Moulton.....	Salary, February, 1913.	250 00
13500	-do-	C. F. Nelson.....	-do-	116 66
13501	-do-	W. S. Nelson.....	-do-	100 00
13502	-do-	Allan Nevins.....	-do-	80 00
13503	-do-	C. R. Newell.....	-do-	85 00
13504	-do-	C. E. Noerenberg.....	-do-	140 00
13505	-do-	W. A. Noyes.....	-do-	333 33
13506	-do-	Catherine S. Oaks.....	-do-	65 00
13507	-do-	H. T. Oldfather.....	-do-	222 16
13508	-do-	H. L. Olin.....	-do-	50 00
13509	-do-	T. E. Oliver.....	-do-	208 33
13510	-do-	A. W. Owens.....	-do-	30 00
13511	-do-	R. B. Paine.....	-do-	208 33
13512	-do-	L. G. Pantier.....	-do-	120 00
13513	-do-	Rosalie H. Parr.....	-do-	80 00
13514	-do-		-do-	80 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
13515	Feb. 28 1913.	S. W. Parr.	Salary, February, 1913.	\$291 66
13516	do.	Adah Patton.	do.	83 33
13517	do.	H. G. Paul.	do.	166 66
13518	do.	A. S. Pease.	do.	208 33
13519	do.	J. C. Pendleton.	do.	85 00
13520	do.	Alvah Peterson.	do.	60 00
13521	do.	G. W. Pickels.	do.	130 00
13522	do.	J. N. Pomeroy.	do.	183 33
13523	do.	C. M. Poor.	do.	130 00
13524	do.	F. M. Porter.	do.	130 00
13525	do.	R. S. Potter.	do.	50 00
13526	do.	Anton Prasil.	do.	10 00
13527	do.	A. L. Prickett.	do.	43 33
13528	do.	D. C. Prince.	Scholarship, February, 1913.	25 00
13529	do.	B. S. Radcliffe.	Salary, February, 1913.	80 00
13530	do.	G. H. Radenbaugh.	do.	90 00
13531	do.	Otto Rahn.	do.	166 66
13532	do.	O. A. Randolph.	do.	80 00
13533	do.	W. H. Rayner.	do.	110 00
13534	do.	J. W. Reed.	do.	50 00
13535	do.	P. J. Rebman.	do.	80 00
13536	do.	E. J. Reece.	do.	150 00
13537	do.	F. W. Reed.	do.	140 00
13538	do.	P. F. Reiff.	do.	50 00
13539	do.	E. A. Rich.	do.	40 00
13540	do.	J. L. Rich.	do.	150 00
13541	do.	C. E. Richards.	do.	333 33
13542	do.	N. C. Ricker.	do.	291 66
13543	do.	H. L. Rietz.	do.	150 00
13544	do.	W. S. Robertson.	do.	166 66
13545	do.	M. H. Robinson.	do.	250 00
13546	do.	C. W. Rolle.	do.	250 00
13547	do.	S. A. Rowland.	do.	60 00
13548	do.	H. O. Rugg.	do.	120 00
13549	do.	George Rutledge.	do.	60 00
13550	do.	L. R. Sarrett.	do.	80 00
13551	do.	T. E. Savage.	do.	166 66
13552	do.	Olive F. Saxton.	do.	83 33
13553	do.	S. H. Scherfee.	do.	30 00
13554	do.	E. C. Schmidt.	do.	291 66
13555	do.	H. E. Schneider.	do.	30 00
13556	do.	Clarence Scholl.	do.	10 00
13557	do.	W. S. Schulz.	do.	166 66
13558	do.	G. F. Schwartz.	do.	158 33
13559	do.	F. W. Scott.	do.	183 33
13560	do.	D. L. Scroggin.	do.	120 00
13561	do.	G. W. Sears.	do.	60 00
13562	do.	F. B. Sealey.	do.	140 00
13563	do.	R. S. Seese.	Scholarship, 1913.	25 00
13564	do.	N. C. Seldenberg.	Salary, February, 1913.	15 00
13565	do.	A. R. Seymour.	do.	166 66
13566	do.	I. B. Shaw.	do.	187 50
13567	do.	Queen L. Shepherd.	do.	80 00
13568	do.	S. P. Sherman.	do.	266 66
13569	do.	G. A. Shook.	do.	100 00
13570	do.	C. W. Sievert.	do.	10 00
13571	do.	Sebat L. Simmering.	Fellowship, February, 1913.	30 00
13572	do.	Frances Simpson.	Salary, February, 1913.	166 66
13573	do.	G. E. Simpson.	do.	10 00
13574	do.	C. H. Sisan.	do.	158 33
13575	do.	W. A. Slater.	do.	120 00
13576	do.	Adella C. Smith.	do.	60 00
13577	do.	Constance Barlow-Smith.	do.	160 00
13578	do.	G. M. Smith.	do.	133 33
13579	do.	Frank Smith.	do.	208 33
13580	do.	J. E. Smith.	do.	120 00
13581	do.	O. H. Smith.	do.	95 00
13582	do.	J. M. Snodgrass.	do.	175 00
13583	do.	Wm. Hough.	do.	83 33
13584	do.	O. O. Stanley.	do.	70 00
13585	do.	Geel Stebbins.	do.	104 16
13586	do.	Sabra Stevens.	do.	55 00
13587	do.	R. K. Stewart.	do.	130 00
13588	do.	C. L. Stewart.	do.	50 00
13589	do.	H. H. Stock.	do.	333 33
13590	do.	E. W. Stokes.	Fellowship, February, 1913.	50 00
13591	do.	E. W. Stouffer.	Salary, February, 1913.	130 00
13592	do.	E. K. Strachan.	do.	100 00
13593	do.	Lillian Strong.	do.	50 00

GENERAL UNIVERSITY WARRANTS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
13564	1913. Feb. 28	W. G. Stromquist.....	Salary, February, 1913.....	\$100 00
13565	- do -	R. T. Stull.....	- do -	200 00
13566	- do -	Horace Stunkard.....	- do -	80 00
13567	- do -	Emerson Sutcliff.....	- do -	80 00
13568	- do -	A. H. Sutherland.....	- do -	150 00
13569	- do -	A. N. Talbot.....	- do -	333 33
13600	- do -	F. W. Tanner.....	- do -	60 00
13601	- do -	S. C. Taylor.....	- do -	25 00
13602	- do -	W. H. Taylor.....	- do -	60 00
13603	- do -	H. R. Thomas.....	Fellowship, February, 1913.....	50 00
13604	- do -	C. M. Thompson.....	- do -	90 00
13605	- do -	D. G. Thompson.....	Salary, February, 1913.....	40 00
13606	- do -	J. G. Thompson.....	- do -	160 00
13607	- do -	Lambert Thorp.....	- do -	105 00
13608	- do -	A. J. Tiele.....	- do -	104 16
13609	- do -	A. J. Todd.....	- do -	333 33
13610	- do -	E. J. Townsend.....	- do -	100 00
13611	- do -	L. L. Townsend.....	- do -	90 00
13612	- do -	Edna A. Treat.....	- do -	10 00
13613	- do -	H. D. Valentine.....	- do -	60 00
13614	- do -	H. J. Van Cleave.....	- do -	60 00
13615	- do -	H. J. Van den Berg.....	- do -	180 00
13616	- do -	G. J. Van Zoeren.....	- do -	30 00
13617	- do -	J. N. Vadder.....	- do -	110 00
13618	- do -	C. G. Verner.....	- do -	291 66
13619	- do -	E. H. Waldo.....	- do -	166 66
13620	- do -	E. H. Warner.....	- do -	333 33
13621	- do -	H. B. Ward.....	- do -	50 00
13622	- do -	A. R. Warnock.....	- do -	125 00
13623	- do -	E. W. Washburn.....	- do -	183 33
13624	- do -	F. R. Watson.....	- do -	200 00
13625	- do -	H. C. P. Weber.....	- do -	150 00
13626	- do -	N. A. Wells.....	- do -	208 33
13627	- do -	N. A. Weston.....	- do -	229 16
13628	- do -	May M. Wetmore.....	- do -	125 00
13629	- do -	J. M. White.....	- do -	333 33
13630	- do -	J. H. Whitten.....	- do -	60 00
13631	- do -	E. A. Wildman.....	- do -	30 00
13632	- do -	C. C. Wiley.....	- do -	150 00
13633	- do -	C. A. Williams.....	- do -	120 00
13634	- do -	E. H. Williams.....	- do -	125 00
13635	- do -	May E. Williams.....	- do -	85 00
13636	- do -	F. G. Wilson.....	- do -	160 00
13637	- do -	P. L. Windsor.....	- do -	250 00
13638	- do -	R. M. Winger.....	- do -	120 00
13639	- do -	W. J. Wohlenberg.....	- do -	50 00
13640	- do -	P. S. Woodward.....	Fellowship, February, 1913.....	55 00
13641	- do -	L. M. Wormser.....	Salary, February, 1913.....	183 33
13642	- do -	A. B. Wright.....	- do -	50 00
13643	- do -	Ola M. Wyeht.....	- do -	75 00
13644	- do -	T. D. Yensen.....	- do -	150 00
13645	- do -	Jacob Zeitlin.....	- do -	125 00
13646	- do -	Charles Zeleny.....	- do -	208 33
13647	- do -	H. F. Zoller.....	- do -	80 00
13648	- do -	J. E. Adler.....	Fellowship, February, 1913.....	35 00
13649	- do -	Josephine E. Burns.....	- do -	55 00
13650	- do -	Margaret V. Cobb.....	- do -	80 00
13651	- do -	Edna L. Forey.....	- do -	85 00
13652	- do -	D. L. Geyer.....	- do -	35 00
13653	- do -	J. W. Good.....	- do -	40 00
13654	- do -	E. O. Heuse.....	- do -	40 00
13655	- do -	E. A. T. Kircher.....	- do -	80 00
13656	- do -	P. A. Lehenbauer.....	- do -	80 00
13657	- do -	H. H. McGregor.....	- do -	80 00
13658	- do -	L. C. Mathewson.....	- do -	80 00
13659	- do -	L. F. Nickell.....	- do -	40 00
13660	- do -	A. W. Orcutt.....	- do -	40 00
13661	- do -	A. F. Peine.....	- do -	85 00
13662	- do -	C. F. C. Riley.....	- do -	80 00
13663	- do -	Charles Rhaker.....	- do -	35 00
13664	- do -	Ima E. Voigt.....	- do -	80 00
13665	- do -	P. S. Welch.....	- do -	35 00
13666	- do -	G. Y. Williams.....	- do -	35 00
13667	- do -	Alice Blesler.....	Scholarship, February, 1913.....	25 00
13668	- do -	R. W. Brown.....	- do -	25 00
13669	- do -	D. M. Brumfiel.....	- do -	25 00
13670	- do -	F. E. Clark.....	- do -	25 00
13671	- do -	Jesse L. Conell.....	- do -	25 00
13672	- do -			



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	For what.	For what.	Amount.
	1913.			
13673	Feb. 28	S. H. Cox.....	Salary, February, 1913.....	\$ 25 00
13674	do.	E. S. Dowell.....	do.....	25 00
13675	do.	D. T. Englis.....	do.....	25 00
13676	do.	Ola M. J. Eskelson.....	do.....	25 00
13677	do.	S. E. Fauquher.....	do.....	25 00
13678	do.	S. B. Fracker.....	do.....	25 00
13679	do.	Byne F. Goodman.....	do.....	25 00
13680	do.	Sappho C. Graham.....	do.....	25 00
13681	do.	Ruby M. Grimes.....	do.....	25 00
13682	do.	Mary A. Haan.....	do.....	25 00
13683	do.	Homer Hall.....	do.....	25 00
13684	do.	A. C. Hanford.....	do.....	25 00
13685	do.	William Hill.....	do.....	25 00
13686	do.	C. E. Holley.....	do.....	25 00
13687	do.	Nellie N. Horner.....	do.....	25 00
13688	do.	J. W. Howard.....	do.....	25 00
13689	do.	P. W. Ivey.....	do.....	25 00
13690	do.	Gretchen Lutz.....	do.....	25 00
13691	do.	Janet M. Macdonald.....	do.....	25 00
13692	do.	J. E. Miller.....	do.....	25 00
13693	do.	Edna Mosher.....	do.....	25 00
13694	do.	J. B. Nathanson.....	do.....	25 00
13695	do.	F. G. Norbury.....	do.....	25 00
13696	do.	R. H. Nottelman.....	do.....	25 00
13697	do.	Cornelia R. Seawell.....	do.....	25 00
13698	do.	Mary M. Spangler.....	do.....	25 00
13699	do.	Alice Biester.....	Scholarship, March, 1913.....	25 00
13700	do.	W. A. Swenson.....	Scholarship, February, 1913.....	25 00
13701	do.	Lily B. Voegelien.....	do.....	25 00
13702	do.	Margaret Washington.....	do.....	25 00
13703	do.	P. Q. Wright.....	do.....	25 00
13704	do.	A. E. Zucker.....	do.....	25 00
13705	do.	Lilla M. Alexander.....	Salary, February, 1913.....	60 00
13706	do.	W. E. Alley.....	do.....	85 00
13707	do.	Winifred L. Amos.....	do.....	65 00
13708	do.	Ethel Ash.....	do.....	60 00
13709	do.	C. E. Atkinson.....	do.....	141 66
13710	do.	Mary L. Blackwell.....	do.....	50 00
13711	do.	L. A. Boice.....	do.....	125 00
13712	do.	Tabitha J. Broashurst.....	do.....	75 00
13713	do.	Ina M. Brown.....	do.....	60 00
13714	do.	Sarah E. Bryan.....	do.....	65 00
13715	do.	Miles Clements.....	do.....	45 83
13716	do.	C. C. Crawford.....	do.....	60 00
13717	do.	H. E. Cunningham.....	do.....	150 00
13718	do.	C. E. Dalton.....	do.....	45 00
13719	do.	Edith Emigh.....	do.....	65 00
13720	do.	Frances M. Feind.....	do.....	75 00
13721	do.	R. I. Fieg.....	do.....	50 00
13722	do.	Viola Fraser.....	do.....	55 00
13723	do.	Frances C. Garwood.....	do.....	43 33
13724	do.	Antionette Goetz.....	do.....	65 00
13725	do.	Elizabeth Good.....	do.....	40 00
13726	do.	Mabel Griffith.....	do.....	60 00
13727	do.	Carmen Harnack.....	do.....	55 00
13728	do.	Eliza Hart.....	do.....	35 00
13729	do.	C. H. Havens.....	do.....	120 00
13730	do.	N. Hay.....	do.....	166 66
13731	do.	Myrtle E. Heater.....	do.....	55 00
13732	do.	Fred Hooker.....	do.....	45 83
13733	do.	Josie B. Houchens.....	do.....	75 00
13734	do.	A. H. Hull.....	do.....	65 00
13735	do.	Katie L. Humrichouse.....	do.....	50 00
13736	do.	Marie Jester.....	do.....	45 00
13737	do.	Gertrude Johnson.....	do.....	55 00
13738	do.	J. J. Johnson.....	do.....	45 00
13739	do.	Gertrude Keech.....	do.....	30 00
13740	do.	J. H. Kelley.....	do.....	166 66
13741	do.	Nora Kirwan.....	do.....	41 66
13742	do.	Aurella Knapp.....	do.....	65 00
13743	do.	Allie Lamb.....	do.....	45 00
13744	do.	A. R. Lee.....	do.....	91 66
13745	do.	Louise A. Lietz.....	do.....	35 00
13746	do.	Stella Lund.....	do.....	55 00
13747	do.	C. M. McConn.....	do.....	233 33
13748	do.	Agnes McGurty.....	do.....	83 33
13749	do.	A. H. McLean.....	do.....	80 00
13750	do.	Jane McMullin.....	do.....	40 00
13751	do.	L. Mae Manspeaker.....	do.....	83 33

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
13752	Feb. 28, 1913.	Jennie A. Mathers.....	Salary, February, 1913.....	\$ 50 00
13753	do.	Maudie E. Maneley.....	do.	50 00
13754	do.	Hosley Foor.....	do.	55 00
13755	do.	C. F. Miller.....	do.	75 00
13756	do.	Lloyd Morrey.....	do.	85 00
13757	do.	J. A. Morrow.....	do.	166 66
13758	do.	M. W. Murphay.....	do.	110 00
13759	do.	H. D. Oberdorfer.....	do.	166 66
13760	do.	Elizabeth C. Peel.....	do.	75 00
13761	do.	Thomas Peel.....	do.	55 00
13762	do.	Elizabeth Pfeifer.....	do.	50 00
13763	do.	F. W. Post.....	do.	75 00
13764	do.	Harriet L. Postelwalt.....	do.	50 00
13765	do.	Myrtle A. Ranz.....	do.	65 00
13766	do.	Clara A. Rickels.....	do.	60 00
13767	do.	Nellie M. Robertson.....	do.	55 00
13768	do.	James Fender.....	do.	19 50
13769	do.	Anna L. Shepard.....	do.	91 66
13770	do.	T. J. Showers.....	do.	125 00
13771	do.	Sara M. Slater.....	do.	55 00
13772	do.	Bertram Smith.....	do.	70 00
13773	do.	L. M. Smith.....	do.	108 33
13774	do.	Jessie A. Smith.....	do.	100 00
13775	do.	Mayme L. Smith.....	do.	65 00
13776	do.	O. E. Staples.....	do.	100 00
13777	do.	Alfred Staltz.....	do.	75 00
13778	do.	E. T. Strong.....	do.	95 00
13779	do.	M. E. Thompson.....	do.	85 00
13780	do.	Mary Torrance.....	do.	55 00
13781	do.	L. J. Towne.....	do.	150 00
13782	do.	G. P. Tuttle.....	do.	91 66
13783	do.	Josephine Tyrell.....	do.	45 00
13784	do.	Lida E. Volght.....	do.	83 33
13785	do.	Lida E. White.....	do.	50 00
13786	do.	B. L. Winchester.....	do.	48 00
13787	do.	H. T. Wampler.....	do.	52 50
13788	do.	I. G. Mosier.....	do.	286 66
13789	do.	I. W. Mumford.....	do.	416 66
13790	do.	F. W. Munnle.....	do.	83 33
13791	do.	Gertrude Niederman.....	do.	100 00
13792	do.	A. H. Nehrling.....	do.	125 00
13793	do.	A. W. Nolan.....	do.	200 00
13794	do.	I. B. Park.....	do.	150 00
13795	do.	H. N. Parker.....	do.	200 00
13796	do.	Maud Parsons.....	do.	200 00
13797	do.	F. A. Pearson.....	do.	100 00
13798	do.	H. W. Pearlee.....	do.	75 00
13799	do.	G. L. Peltier.....	do.	200 00
13800	do.	Leonora Perry.....	do.	83 33
13801	do.	J. H. Pettit.....	do.	79 16
13802	do.	Helena M. Pincomb.....	do.	250 00
13803	do.	V. A. Place.....	do.	133 33
13804	do.	B. E. Powell.....	do.	83 33
13805	do.	F. H. Rankin.....	do.	191 66
13806	do.	C. O. Reed.....	do.	250 00
13807	do.	B. S. Pickett.....	do.	120 00
13808	do.	H. A. Riethe.....	do.	250 00
13809	do.	R. R. Root.....	do.	116 66
13810	do.	H. P. Rusk.....	do.	166 66
13811	do.	W. A. Ruth.....	do.	175 00
13812	do.	W. H. Sachs.....	do.	125 00
13813	do.	F. M. Simpson.....	do.	125 00
13814	do.	Harriet Rinkner.....	do.	100 00
13815	do.	W. H. Smith.....	do.	125 00
13816	do.	Grace Stevens.....	do.	108 33
13817	do.	J. V. Stevenson.....	do.	90 00
13818	do.	L. H. Smith.....	do.	41 66
13819	do.	H. W. Stewart.....	do.	250 00
13820	do.	L. M. Watley.....	do.	150 00
13821	do.	O. S. Watkins.....	do.	100 00
13822	do.	F. M. W. Wascher.....	do.	150 00
13823	do.	J. R. Walls.....	do.	83 33
13824	do.	H. C. Wheeler.....	do.	70 00
13825	do.	Ruth Wheeler.....	do.	150 00
13826	do.	J. E. Whitchurch.....	do.	133 33
13827	do.	A. L. Whiting.....	do.	130 00
13828	do.	John Woodard.....	do.	125 00
13829	do.			70 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
13829	1913.			
Feb. 28				
13830	do.	J. I. Yoke.	Salary, February, 1913.	\$ 83 33
13831	do.	T. P. Crawford.	Wages, February, 1913.	47 50
13832	do.	J. H. Coffey.	do.	50 00
13833	do.	I. F. Burdick.	do.	75 00
13834	do.	W. W. Yapp.	do.	75 00
13835	do.	Loretto White.	do.	35 00
13836	do.	A. Ten Broeck.	do.	65 00
13837	do.	Cornelius Stocker.	do.	10 00
13838	do.	Ethel Sharp.	do.	75 00
13839	do.	Otto Schwartz.	do.	40 00
13840	do.	Ruah Loveless.	do.	38 00
13841	do.	H. C. Lawson.	do.	50 00
13842	do.	A. F. Krueger.	do.	55 00
13843	do.	Lillian Poll.	do.	60 00
13844	do.	John Palfrey.	do.	65 00
13845	do.	Earl Garver.	do.	65 00
13846	do.	Amelia Feldkamp.	do.	50 00
13847	do.	Anna Crathorne.	do.	50 00
13848	do.	H. E. Crouch.	do.	115 00
13849	do.	E. M. Clark.	do.	60 00
13850	do.	M. R. Carlson.	do.	60 00
13851	do.	A. E. Burwash.	do.	55 00
13852	do.	C. Beers.	do.	55 00
13853	do.	G. B. Atkinson.	do.	45 00
13854	do.	Roy Argo.	do.	55 00
13855	do.	L. M. Apgar.	do.	20 00
13856	do.	L. S. Baldwin.	do.	20 00
13857	do.	Mamie Bunch.	do.	24 85
13858	do.	R. F. Broyles.	do.	45 00
13859	do.	Lucy M. Barto.	do.	45 00
13860	do.	C. C. Chapman.	do.	20 00
13861	do.	G. A. Campbell.	do.	88 33
13862	do.	J. C. Anderson.	do.	83 33
13863	do.	M. J. Conley.	do.	65 00
13864	do.	Ethel Clark.	do.	75 00
13865	do.	Jesse Cook.	do.	40 00
13866	do.	Robert Cook.	do.	55 00
13867	do.	Emma L. Custer.	do.	47 50
13868	do.	Ben Durman.	do.	70 00
13869	do.	Ass Denman.	do.	60 00
13870	do.	L. W. Duncan.	do.	93 75
13871	do.	W. J. Engle.	do.	65 00
13872	do.	O. I. Ellis.	do.	75 00
13873	do.	Lawrence Engle.	do.	20 00
13874	do.	Ralph Engle.	do.	24 00
13875	do.	H. F. T. Fahrkopf.	do.	26 50
13876	do.	Margaret C. Foss.	do.	25 50
13877	do.	F. W. Gault.	do.	55 00
13878	do.	R. C. Glover.	do.	80 00
13879	do.	W. S. Goodspeed.	do.	40 00
13880	do.	Marjorie H. Gage.	do.	83 33
13881	do.	Marion B. Gallaher.	do.	65 00
13882	do.	H. C. Gilterson.	do.	40 00
13883	do.	A. F. Heck.	do.	55 00
13884	do.	Mabel Halliday.	do.	45 00
13885	do.	Alice V. Hamilton.	do.	60 00
13886	do.	Horace Ingalls.	do.	75 00
13887	do.	William Kelley.	do.	60 00
13888	do.	J. R. Kelley.	do.	50 00
13889	do.	John Lankford.	do.	52 50
13890	do.	M. T. Lindsey.	do.	60 00
13891	do.	Frances E. McClughen.	do.	31 75
13892	do.	H. E. Moore.	do.	9 10
13893	do.	Joe Mink.	do.	67 35
13894	do.	Ed Myers.	do.	47 50
13895	do.	Mary Miller.	do.	47 50
13896	do.	W. A. McIntire.	do.	65 00
13897	do.	Winifred McIntosh.	do.	50 00
13898	do.	Lawrence Nesbitt.	do.	10 00
13899	do.	George Noe.	do.	63 45
13900	do.	Bessie E. Packard.	do.	75 00
13901	do.	W. W. Peters.	do.	20 00
13902	do.	Fred Pine.	do.	75 00
13903	do.	Elizabeth Pulling.	do.	60 00
13904	do.	James Rexwinkle.	do.	60 00
13905	do.	Alice Reed.	do.	12 25
13906	do.	M. D. Rose.	do.	50 00
13907	do.	Olive G. Reid.	do.	52 50
13907	do.	E. R. Spencer.	do.	50 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
13908	Feb. 28 1913.	Flora M. Sims.	Wages, February, 1913.	\$ 83 33
13909	do.	Frank Sanders.	do.	50 00
13910	do.	Guy Shaffer.	do.	47 50
13911	do.	J. F. Smith.	do.	65 00
13912	do.	Freda O. Stricklan.	do.	65 00
13913	do.	Florence Stoutzenberg.	do.	25 00
13914	do.	Florence E. Smith.	do.	65 00
13915	do.	Alpha Tornquist.	do.	25 00
13916	do.	Andrew Tornquist.	do.	75 00
13917	do.	Elmer Varner.	do.	45 00
13918	do.	L. J. Wells.	do.	45 00
13919	do.	H. H. Wheeler.	do.	65 00
13920	do.	F. W. Wilson.	do.	30 00
13921	do.	Stanley Wilkins.	do.	40 00
13922	do.	D. M. Avey.	do.	110 00
13923	do.	B. L. Bowling.	do.	70 00
13924	do.	W. E. Bow.	do.	13 13
13925	do.	Evalena Bowen.	do.	32 99
13926	do.	Harold Bolander.	do.	11 66
13927	do.	E. R. Berbaum.	do.	72 60
13928	do.	Charles Burge.	do.	53 52
13929	do.	Ruth Burt.	do.	31 60
13930	do.	Ethel Berlin.	do.	25 20
13931	do.	E. J. Brown.	do.	23 52
13932	do.	Charles Brown.	do.	24 43
13933	do.	Andrew Boswell.	do.	39 65
13934	do.	James Boswell.	do.	22 40
13935	do.	R. L. Bentley.	do.	13 50
13936	do.	C. G. Cox.	do.	26 90
13937	do.	H. H. Crawford.	do.	22 80
13938	do.	Pearley Cunningham.	do.	28 80
13939	do.	Ralph Chaplin.	do.	60 00
13940	do.	F. H. Colver.	do.	7 00
13941	do.	R. E. Danielson.	do.	15 50
13942	do.	L. Donohue.	do.	50 00
13943	do.	H. B. Deets.	do.	20 80
13944	do.	T. W. Dieckmann.	do.	28 57
13945	do.	G. Donohue.	do.	45 00
13946	do.	Louie Frizzell.	do.	40 00
13947	do.	J. F. Gauger.	do.	29 00
13948	do.	Marie A. Gordon.	do.	50 00
13949	do.	Burt Hays.	do.	66 30
13950	do.	Edgar Hermann.	do.	30 30
13951	do.	W. L. Hawat.	Wages and expenses.	48 74
13952	do.	J. J. Herbert.	Wages, February, 1913.	29 13
13953	do.	R. F. Harvey.	do.	79 10
13954	do.	W. A. Hooker.	do.	21 44
13955	do.	Rose Hegenbart.	do.	45 00
13956	do.	Claude Harrolle.	do.	75 00
13957	do.	W. L. Harry.	do.	30 00
13958	do.	R. L. Hegnauer.	do.	15 14
13959	do.	Earl Kirkpatrick.	do.	22 25
13960	do.	Sadie Jones.	do.	50 00
13961	do.	F. H. Kelley.	do.	25 70
13962	do.	F. A. Kirkpatrick.	do.	16 50
13963	do.	Lawrence Lehr.	do.	64 25
13964	do.	Verna Manley.	do.	31 25
13965	do.	Ralph Murray.	do.	10 20
13966	do.	F. H. Murray.	do.	12 35
13967	do.	K. A. McCaskill.	do.	25 03
13968	do.	H. M. Mooman.	do.	55 82
13969	do.	Leola Machum.	do.	26 30
13970	do.	Florence Nyberg.	do.	50 00
13971	do.	C. I. Newlin.	do.	75 00
13972	do.	M. L. Nebel.	do.	19 63
13973	do.	A. A. Odal.	do.	43 87
13974	do.	G. W. Porter.	do.	60 00
13975	do.	R. Pritchard.	do.	65 00
13976	do.	H. Pritchard.	do.	40 00
13977	do.	Della Rogers.	do.	60 00
13978	do.	J. Rachwalski.	do.	36 31
13979	do.	C. H. Renling.	do.	15 84
13980	do.	L. Rosset.	do.	84 60
13981	do.	M. Ressler.	do.	55 00
13982	do.	Hazel Rhoads.	do.	81 29
13983	do.	G. H. Rellly.	do.	12 51
13984	do.	J. A. Sackrison.	do.	28 09
13985	do.	Arthur Semple.	do.	99 00
13986	do.	A. L. Sowers.	do.	

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
13987	Feb. 28	Daisy Swearingen.....	Wages, February, 1913.....	\$ 50 00
13988	do.	A. J. Stoneburner.....	do.	45 00
13989	do.	D. C. Sprinkle.....	do.	57 00
13990	do.	R. F. Shaffer.....	do.	23 10
13991	do.	H. B. Seward.....	do.	25 80
13992	do.	W. M. Sheldon.....	do.	24 50
13993	do.	Bertha G. States.....	do.	50 00
13994	do.	G. W. Schroeder.....	do.	12 13
13995	do.	H. J. Snider.....	do.	32 20
13996	do.	R. S. Smith.....	do.	58 56
13997	do.	H. J. Vanderbeek.....	do.	66 29
13998	do.	D. Vauble.....	do.	59 50
13999	do.	E. J. Wilford.....	do.	22 00
14000	do.	Ralph Walworth.....	do.	10 50
14001	do.	Robert Wilford.....	do.	23 10
14002	do.	C. E. Wheelock.....	do.	45 00
14003	do.	E. H. Walworth.....	do.	25 00
14004	do.	S. T. Wallage.....	do.	29 25
14005	do.	Otis Wood.....	do.	26 25
14006	do.	W. H. Stevens.....	Expenses.....	14 25
14007	do.	Walker & Mulliken.....	Furniture.....	90 65
14008	do.	B. E. Powell.....	Expenses.....	14 08
14009	do.	Harry Higerson.....	Hay.....	26 46
14010	do.	D. R. Lee.....	Straw.....	332 04
14011	do.	G. Broes Van Dort Co.....	Books.....	15 50
14012	do.	S. A. Courtis.....	Supplies.....	11 03
14013	do.	Wells-Abbott-Nieman Co.....	Bran.....	330 00
14014	do.	Isabel Bevier.....	Expenses.....	10 89
14015	do.	Albert Shaw.....	Lectures and expenses.....	214 00
14016	do.	A. J. Gunderson.....	Expenses.....	125 10
14017	do.	W. B. Atwell.....	Wages, February, 1913.....	53 20
14018	do.	H. G. Atkinson.....	do.	12 60
14019	do.	Isabella Anderson.....	do.	16 40
14020	do.	G. C. Ambrose.....	do.	52 00
14021	do.	C. E. Arrington.....	do.	62 00
14022	do.	William Atwell.....	do.	57 00
14023	do.	R. W. Baldwin.....	do.	60 20
14024	do.	W. E. Britton.....	do.	35 75
14025	do.	Wayne Brown.....	do.	18 00
14026	do.	A. O. Magnuson.....	do.	80 00
14027	do.	J. E. Bailey.....	do.	55 40
14028	do.	L. S. Baldwin.....	do.	41 20
14029	do.	A. R. Brandner.....	do.	15 25
14030	do.	V. R. Barnes.....	do.	82 40
14031	do.	John Begley.....	do.	72 00
14032	do.	W. M. Birdzell.....	do.	80 04
14033	do.	M. C. Booher.....	do.	82 00
14034	do.	A. J. Booker.....	do.	67 20
14035	do.	Geo. Boyer.....	do.	69 00
14036	do.	John Brannigan.....	do.	88 00
14037	do.	Harry Brown.....	do.	56 00
14038	do.	Basil Brown.....	do.	66 70
14039	do.	D. M. Bullock.....	do.	61 80
14040	do.	Thos. Butler.....	do.	88 96
14041	do.	Rolla Carson.....	do.	51 80
14042	do.	John Ceduskey.....	do.	74 40
14043	do.	V. H. Cartwright.....	do.	51 30
14044	do.	W. H. Clark.....	do.	99 20
14045	do.	John Cooley.....	do.	60 00
14046	do.	F. Crathorne.....	do.	82 50
14047	do.	F. Cunningham.....	do.	137 27
14048	do.	Joseph Davis.....	do.	68 20
14049	do.	Pete Davis.....	do.	74 90
14050	do.	E. P. Dibble.....	do.	81 84
14051	do.	B. E. Dirks.....	do.	16 50
14052	do.	Howard Downing.....	do.	65 25
14053	do.	B. F. English.....	do.	56 60
14054	do.	Thos. J. Fay.....	do.	93 00
14055	do.	Harman Fechtruph.....	do.	60 10
14056	do.	Louie Fender.....	do.	73 48
14057	do.	J. C. Fiscus.....	do.	54 00
14058	do.	J. J. Fiscus.....	do.	29 00
14059	do.	Frank Fogarty.....	do.	52 00
14060	do.	William Fogarty.....	do.	54 00
14061	do.	E. O. Fontaine.....	do.	16 20
14062	do.	Guy Fox.....	do.	91 20
14063	do.	F. F. Franklin.....	do.	58 80
14064	do.	C. Y. Freeman.....	do.	57 80
14065	do.	V. S. Glenn.....	do.	56 80

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
14066	Feb. 28 1913.	P. R. Greenman.....	Wages, February, 1913.....	\$ 14 00
14067	-do-	Julius Gobel, Jr.....	-do-	11 00
14068	-do-	W. H. Graybeal.....	-do-	62 00
14069	-do-	Chas. Gunnlock.....	-do-	96 00
14070	-do-	Sell Hamlin.....	-do-	54 00
14071	-do-	T. F. Harper.....	-do-	34 60
14072	-do-	T. O. Henderson.....	-do-	105 00
14073	-do-	Harry Higenson.....	-do-	89 33
14074	-do-	F. C. Hare.....	-do-	27 40
14075	-do-	Chas. Hill.....	-do-	88 40
14076	-do-	Wesley Hoffman.....	-do-	69 20
14077	-do-	Fred Hoover.....	-do-	59 50
14078	-do-	Ross Hutton.....	-do-	59 40
14079	-do-	W. G. Hixon.....	-do-	49 40
14080	-do-	Edward Hargan.....	-do-	59 40
14081	-do-	Samuel Hanson.....	-do-	61 60
14082	-do-	James Irvine.....	-do-	52 00
14083	-do-	Frank Irvine.....	-do-	63 45
14084	-do-	Margaret Jones.....	-do-	43 20
14085	-do-	E. W. Justus.....	-do-	108 00
14086	-do-	C. C. Johnson.....	-do-	62 20
14087	-do-	P. S. Jeffers.....	-do-	60 40
14088	-do-	Elias Kirby.....	-do-	57 60
14089	-do-	G. E. Kirk.....	-do-	53 20
14090	-do-	J. A. J. Kleim.....	-do-	68 20
14091	-do-	Phos. Long.....	-do-	72 22
14092	-do-	K. F. Long.....	-do-	64 20
14093	-do-	A. C. Litton.....	-do-	60 80
14094	-do-	E. C. Lewis.....	-do-	66 37
14095	-do-	W. J. Langhoff.....	-do-	55 00
14096	-do-	Fred Langhoff.....	-do-	85 80
14097	-do-	A. Langhoff.....	-do-	57 30
14098	-do-	John Lowe.....	-do-	10 85
14099	-do-	E. M. Lurie.....	-do-	15 20
14100	-do-	Ora McGhee.....	-do-	41 04
14101	-do-	Clara Muhleman.....	-do-	14 03
14102	-do-	Charley Moore.....	-do-	56 20
14103	-do-	Uriah Moreland.....	-do-	38 00
14104	-do-	J. E. Morgan.....	-do-	43 20
14105	-do-	Rebecca Morgan.....	-do-	38 00
14106	-do-	Ruth E. Murphy.....	-do-	59 94
14107	-do-	F. R. Miller.....	-do-	13 00
14108	-do-	C. E. Myers.....	-do-	22 00
14109	-do-	Jesse Meyers.....	-do-	61 20
14110	-do-	John Miller.....	-do-	99 20
14111	-do-	C. M. Miller.....	-do-	54 60
14112	-do-	O. E. Meenag.....	-do-	66 20
14113	-do-	Dan Menely.....	-do-	70 35
14114	-do-	H. H. Mahorney.....	-do-	81 20
14115	-do-	Bert Mathews.....	-do-	38 00
14116	-do-	Frances McClughen.....	-do-	43 20
14117	-do-	Jas. McCloughen.....	-do-	54 60
14118	-do-	A. J. McAlister.....	-do-	78 66
14119	-do-	A. W. Moran.....	-do-	63 80
14120	-do-	B. L. Morehouse.....	-do-	85 00
14121	-do-	J. R. Newton.....	-do-	70 83
14122	-do-	Jacob Nieklaus.....	-do-	62 00
14123	-do-	Harrison Noecker.....	-do-	45 30
14124	-do-	F. M. Van Natter.....	-do-	22 40
14125	-do-	J. F. Perkins.....	-do-	56 00
14126	-do-	S. A. Porter.....	-do-	69 20
14127	-do-	Frank Perry.....	-do-	66 44
14128	-do-	Etta Perry.....	-do-	30 00
14129	-do-	Olive Paine.....	-do-	16 00
14130	-do-	Robert Pergande.....	-do-	85 00
14131	-do-	Geo. F. Paulsen.....	-do-	35 25
14132	-do-	William Quinn.....	-do-	68 20
14133	-do-	S. E. Quirk.....	-do-	18 80
14134	-do-	Mary Ryan.....	-do-	96 72
14135	-do-	Ed. Richards.....	-do-	43 20
14136	-do-	E. U. Rugg.....	-do-	96 72
14137	-do-	B. L. Reed.....	-do-	31 00
14138	-do-	Frank Stedler.....	-do-	74 13
14139	-do-	Marion E. Sparks.....	-do-	31 50
14140	-do-	Oryal Smok.....	-do-	56 80
14141	-do-	W. J. Smith.....	-do-	125 20
14142	-do-	L. M. Stearns.....	-do-	62 00
14143	-do-	A. Servis.....	-do-	62 80
14144	-do-	Otto Schummet.....	-do-	16 20

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
14145	Feb. 28	John Snyder.....	Wages, February, 1913.....	\$ 52 00
14146	do.	Lloyd Schwartz.....	do.	60 00
14147	do.	C. R. Sinclair.....	do.	52 00
14148	do.	R. M. Stevens.....	do.	19 00
14149	do.	Henry Turner.....	do.	59 40
14150	do.	Geo. Turner.....	do.	48 80
14151	do.	Geo. Toy.....	do.	61 40
14152	do.	I. F. Tillotson.....	do.	69 00
14153	do.	Phillip Udinsky.....	do.	32 40
14154	do.	J. H. Vandiventer.....	do.	65 20
14155	do.	Chas. Wilson.....	do.	52 40
14156	do.	Ed. Wharmby.....	do.	64 40
14157	do.	August Warmbier.....	do.	66 66
14158	do.	Wm. Wilde.....	do.	90 00
14159	do.	R. D. Hull.....	do.	15 00
14160	do.	Eleanor Hubbard.....	do.	23 40
14161	do.	Geo. E. Wright.....	do.	66 00
14162	do.	Wesley Wilson.....	do.	78 80
14163	do.	P. T. Waltes.....	do.	14 40
14164	do.	M. C. Weaver.....	do.	81 00
14165	do.	Julia F. Burnham Hospital.....	Students' bills.....	316 00
14166	do.	P. D. Foster.....	Furniture.....	198 00
14167	do.	H. H. Stoeck.....	Expenses.....	5 53
14168	do.	G. E. Wright.....	do.	1 85
14169	do.	W. O. Andros.....	Blue print.....	1 50
14170	do.	William Templin.....	Wages, February, 1913.....	70 50
14171	do.	Tim Kenney.....	do.	18 60
14172	do.	Mildred E. Buckles.....	do.	35 00
14173	do.	Fred Fender.....	do.	91 56
14174	do.	Amos Wright.....	do.	23 60
14175	do.	William Wascher.....	do.	51 90
14176	do.	Frank Wilson.....	do.	31 20
14177	do.	J. G. Penn.....	do.	11 60
14178	do.	Marion E. Sparks.....	do.	15 75
14179	do.	H. M. English.....	do.	15 90
14180	do.	Gertrude Johnson.....	do.	13 12
14181	do.	Minnie E. Watson.....	do.	13 12
14182	do.	Mary Moss.....	do.	25 00
14183	do.	C. W. Allison.....	do.	17 30
14184	do.	T. E. O'Donnell.....	do.	12 40
14185	do.	C. W. Warriner.....	do.	19 60
14186	do.	Bert Sterenberg.....	do.	13 10
14187	do.	B. L. Ray.....	do.	25 00
14188	do.	Dean Sundell.....	do.	13 90
14189	do.	W. H. Boyer.....	do.	11 80
14190	do.	Vaughan's Seed Store.....	Apparatus.....	15 75
14191	do.	C. A. Dunseth.....	do.	85 20
14192	do.	M. H. Anderson.....	Butter.....	7 15
14193	do.	M. E. Simonson.....	do.	11 22
14194	do.	Ferdinand Grimm.....	do.	6 98
14195	do.	Forest Creamery Co.....	do.	3 05
14196	do.	Dewitt Smith.....	do.	7 14
14197	do.	F. J. Weddige.....	do.	8 50
14198	do.	J. R. Newberry.....	do.	10 50
14199	do.	George H. Bost.....	do.	7 48
14200	do.	W. F. Conway.....	do.	7 70
14201	do.	Peter J. Peterson.....	do.	3 85
14202	do.	Monmouth Creamery Co.....	do.	3 40
14203	do.	Green River Creamery Co.....	do.	3 00
14204	do.	Spring Valley Creamery Co.....	do.	3 50
14205	do.	Galva Creamery Co.....	do.	10 38
14206	do.	Kenneth Brown.....	Wages.....	11 00
14207	do.	R. P. Gage.....	Wages, November 25, 1912-Feb- ruary 25, 1913.....	25 70
14208	do.	Wm. Sellers & Co.....	Machinery.....	7,535 00
14209	do.	The Foley Mfg. Co.....	Payment on contract.....	2,034 10
14210	do.	Ralph Chaplin.....	Hay.....	67 00
14211	do.	L. E. Knorr.....	Salary, February, 21-28 1913.....	40 83
14212	do.	A. Bevis.....	do.	154 00
14213	do.	Martin Sandwell.....	do.	85 20
14214	do.	Agnes M. Cole.....	Salary, February, 1913.....	75 00
14215	do.	P. Adams.....	Hauling coal.....	57 61
14216	do.	C. S. Hill.....	Tuning piano.....	2 00
14217	do.	The Foley Mfg. Co., Contractors.....	Final payment on contract.....	408 14
14218	do.	The Illinois Agriculturist.....	Subscriptions.....	255 00
14219	do.	John McCullough.....	Oats.....	99 20
14220	do.	C. J. Welch.....	Labor and materials.....	395 87
14221	do.	Flanigan-Pearson Co.....	Printing.....	1,296 36
14222	Mar. 1	Leavitt Mfg. Co.....	Hardware.....	49 57

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
14223	Mar.	1 Bacon Bros.	Paints and oil.	\$ 20 15
14224	..do.	S. E. Huff & Co.	Lumber.	116 35
14225	..do.	The Ideal Electric Co.	Electrical supplies.	18 28
14226	..do.	Electric Coal Co.	Coal.	254 59
14227	..do.	The Alexander Lumber Co.	Lumber.	95 55
14228	..do.	E. H. Sargent & Co.	Laboratory supplies.	219 12
14229	..do.	Lewis Electric Supply Co.	Electrical supplies.	82 23
14230	..do.	D. H. Lloyd.	Stationery.	38 23
14231	..do.	A. McClurg & Co.	Books.	50 90
14232	..do.	Illinois State Penitentiary.	Furniture.	43 70
14233	..do.	Illinois State Reformatory.	Printing.	109 65
14234	..do.	R. W. Braithwaite, V. S.	Services.	20 30
14235	..do.	The Saffell Co.	Supplies.	58 62
14236	..do.	Carrie A. Bahrenburg.	Expenses.	374 06
14237	Mar.	3 John Heffernan & Son.	Stoneware.	34 00
14238	..do.	G. E. Stechert & Co.	Books.	293 86
14239	..do.	A. C. McClurg & Co.	..do.	231 61
14240	..do.	Ernst Hertzberg & Sons.	Bookbinding.	359 07
14241	..do.	Standard Oil Co.	Oil.	52 81
14242	..do.	E. E. Hoskins.	Expenses.	46 10
14243	..do.	A. H. Barber Creamery Supply Co.	Dairy supplies.	120 98
14244	..do.	W. T. Jewell.	Oil meal.	12 00
14245	..do.	Sauveur & Boylson.	Laboratory supplies.	31 23
14246	..do.	Hoffman & Kroff.	Acid.	11 00
14247	..do.	The Linde Air Products Co.	Oxygen.	8 00
14248	..do.	C. H. Beley & Co.	Brass.	3 82
14249	..do.	Ernst Leitz.	Microscope parts.	78 00
14250	..do.	Houghton Mifflin Co.	Book.	1 43
14251	..do.	A. G. McGregor.	Picture.	1 84
14252	..do.	F. P. Collyer.	Expenses.	18 59
14253	..do.	F. A. Pearson.	..do.	6 42
14254	..do.	V. A. Place.	..do.	6 60
14255	..do.	A. G. Spalding & Bros.	Supplies.	18 50
14256	..do.	The Anglers' Bait & Mfg. Co.	Frogs and turtles.	5 75
14257	..do.	Sengbusch Self-Closing Instand Co.	Inkstands.	2 17
14258	..do.	The Peoria Star Co.	Advertising.	7 00
14259	..do.	Frank Irvine.	Labor and material.	8 50
14260	..do.	Wm. Sellers & Co.	Machinery.	350 00
14261	..do.	Scientific Materials Co.	Supplies.	4 57
14262	..do.	American Steam Pump Co.	Pump and supplies.	199 32
14263	..do.	Bausch & Lomb Optical Co.	Laboratory apparatus.	153 17
14264	..do.	The American Multigraph Sales Co.	Motor and ribbon.	26 50
14265	..do.	International Harvester Co. of America.	Repairs.	3 31
14266	..do.	F. C. Jorgeson & Co.	Table.	22 00
14267	..do.	J. K. Dickirson, Secretary.	License fee.	2 00
14268	..do.	C. C. Short.	Iron work.	8 00
14269	..do.	The Lawyer's Co-operative Publishing Co.	Book.	3 00
14270	..do.	Bennetts' Newspaper & Magazine Agency	Subscriptions.	3 50
14271	..do.	Peter Henderson & Co.	Seeds, etc.	3 51
14272	..do.	Malinda Whittaker.	Loan.	50 00
14273	..do.	John E. Lewis.	..do.	75 00
14274	..do.	George E. McIntyre.	..do.	200 00
14275	..do.	Proctor A. Nowlen.	..do.	100 00
14276	..do.	Rober M. Cole.	..do.	100 00
14277	..do.	Charles H. Fletcher.	..do.	150 00
14278	..do.	A. J. Gunderson.	Expenses.	9 46
14279	..do.	Clarence H. Kessler.	Loan.	100 00
14280	Mar.	4 The Julia F. Burnham Hospital.	Student's bill.	35 00
14281	..do.	J. W. Dunlap.	Payment on contracts.	158 00
14282	..do.	Library of Congress.	Deposit.	75 00
14283	..do.	A. W. Nolan.	Expenses.	11 57
14284	..do.	William Webb.	Services.	30 00
14285	..do.	W. T. Crandall.	Expenses.	6 85
14286	..do.	Florence Harrison.	Services.	112 50
14287	..do.	L. F. Marcy.	..do.	10 00
14288	..do.	J. H. Martin.	Services and expenses.	20 84
14289	..do.	F. M. Simpson.	Expenses.	22 74
14290	..do.	W. G. Griffith.	Services and expenses.	9 12
14291	..do.	D. C. Dow.	..do.	17 48
14292	..do.	L. S. Griffith.	..do.	9 12
14293	..do.	Olive Percival.	Services.	95 00
14294	..do.	W. H. Rowe.	..do.	30 00
14295	..do.	H. A. Winter.	Services and expenses.	18 62
14296	..do.	H. W. Mumford.	Expenses.	18 83
14297	..do.	W. Sargeant.	Services and expenses.	13 20
14298	..do.	R. M. Simpson.	Expenses.	20 81
14299	..do.	Augusta D. Evans.	..do.	12 65
14300	..do.	W. B. Mills.	Services and expenses.	14 20



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
14301	Mar. 4	C. A. Rowe.....	Services and expenses.....	\$ 14 80
14302	do.	W. Rowe.....	Services.....	10 80
14303	do.	C. E. Percival.....	do.....	12 00
14304	do.	John Smith.....	do.....	10 00
14305	do.	A. A. Hill.....	Services and expenses.....	13 60
14306	do.	Heye Wiekert, Jr.....	Services.....	15 00
14307	do.	H. P. Joy.....	Services and expenses.....	16 15
14308	do.	Mildred Johnson.....	do.....	14 40
14309	do.	W. E. Holben.....	do.....	17 20
14310	do.	J. P. Robards.....	do.....	17 34
14311	do.	J. A. Winter.....	do.....	8 62
14312	do.	C. S. Slonneger.....	do.....	13 04
14313	do.	Grover Leipold.....	do.....	11 25
14314	do.	A. E. Sivan.....	do.....	14 00
14315	do.	William Webb.....	do.....	11 75
14316	do.	W. W. Lindley, Postmaster.....	Postage.....	276 00
14317	Mar. 5	Felix Krueger.....	Lectures.....	300 00
14318	do.	Ethel V. Manley.....	Wages, February, 1913.....	51 75
14319	do.	Hazel Cover.....	do.....	75 00
14320	Mar. 6	O. E. Staples, Chief Clerk.....	Men's pay roll.....	719 60
14321	do.	O. E. Staples, Chief Clerk.....	Students' pay roll.....	616 04
14322	do.	O. E. Staples, Chief Clerk.....	Express.....	59 90
14323	do.	O. E. Staples, Chief Clerk.....	do.....	41 43
14324	do.	O. E. Staples, Chief Clerk.....	Freight.....	751 81
14325	do.	O. E. Staples, Chief Clerk.....	Payments on account milk produce.....	880 55
14326	do.	O. E. Staples, Chief Clerk.....	Sundry bills paid.....	290 40
14327	do.	R. W. Braithwaite.....	Services.....	30 35
14328	do.	H. McFadden & Bro.....	Oil, meal.....	10 00
14329	do.	Eisner Grocery Co.....	Groceries.....	9 62
14330	do.	The Creamery Package Mfg. Co.....	Brine coil.....	14 50
14331	do.	Stover Mfg. Co.....	Repairs.....	4 80
14332	do.	Stone & Forsyth.....	Paper towels.....	31 25
14333	do.	W. & L. E. Gurley.....	Plummetts and pins.....	6 85
14334	do.	Elov Ericsson.....	Butter culture.....	3 00
14335	do.	C. G. Willoughby.....	Laboratory apparatus.....	172 00
14336	do.	Mrs. Sam Durman.....	Labor.....	3 00
14337	do.	Western Stoneware Co.....	Clay.....	5 25
14338	do.	Montgomery Ward Co.....	Matches.....	19 25
14339	do.	The Roessler & Hasslach Chemical Co.....	Acetone.....	6 50
14340	do.	Twin City Printing Co.....	Labels and file.....	3 50
14341	do.	H. F. Watts.....	Ore.....	5 00
14342	do.	General Chemical Co.....	Supplies.....	50 10
14343	do.	The Carborundum Co.....	Grif.....	1 55
14344	do.	Central Scientific Co.....	Laboratory apparatus.....	2 80
14345	do.	The Frederick Post Co.....	Paper.....	26 25
14346	do.	C. F. Miller.....	Expenses.....	3 42
14347	do.	L. C. Smith & Bros. Typewriter Co.....	Balance on machine.....	52 50
14348	do.	The United States Blue Print Paper Co.....	Paper.....	2 88
14349	do.	The Ashcroft Mfg. Co.....	Cards.....	3 20
14350	do.	Ernst Leitz.....	Laboratory apparatus.....	165 02
14351	do.	G. J. Kroeck & Co.....	Trays.....	33 50
14352	do.	Marshall Field & Co.....	Towels.....	147 00
14353	do.	The Cudahy Packing Co.....	Soap powder.....	12 00
14354	do.	Crosby Steam Gage & Valve Co.....	Labor and material.....	23 70
14355	do.	The Whitaker Paper Co.....	Paper.....	16 00
14356	do.	White Line Steam Laundry.....	Washing.....	20 13
14357	do.	P. Adams.....	Labor.....	25 07
14358	do.	Library Bureau.....	Label holders.....	7 50
14359	do.	Library of Congress.....	Balance on cards.....	3 33
14360	do.	Fred M. Atkinson.....	Loan.....	100 00
14361	do.	The Dixie Music House.....	Drum supplies.....	12 35
14362	do.	F. J. Burns & Co.....	Frogs.....	3 00
14363	do.	C. W. Johnson.....	Galvanized pan.....	2 35
14364	do.	The Anglers' Bait & Mfg. Co.....	Frogs and turtles.....	7 25
14365	do.	C. H. Stoelting Co.....	Supplies.....	60 62
14366	do.	Powers & Powers.....	Amoeba.....	5 20
14367	do.	Goder-Heimann Co.....	Specimen.....	12 00
14368	do.	W. Atlee Burpee & Co.....	Seeds.....	10 59
14369	do.	The National Nurseryman Publishing Co.....	Subscription.....	1 00
14370	do.	W. F. Hardy.....	Machinery.....	36 39
14371	do.	The Western Gas Fixture Co.....	Supplies.....	60 27
14372	do.	McBride, Nast & Co.....	Subscription.....	5 00
14373	do.	Underwood Typewriter Co.....	Platen.....	2 50
14374	do.	L. W. Apperson.....	Sinks.....	11 00
14375	do.	Houser & Sutton.....	Hay.....	100 39
14376	do.	B. H. Blake.....	Cushions.....	1 20
14377	do.	William Sullivan.....	Rental.....	400 00
14378	do.	Cyphers Incubator Co.....	Poultry supplies.....	5 20

## GENERAL UNIVERSITY WARRANTS—Continued

No.	Date.	To whom.	For what.	Amount.
	1913.			
14379	Mar. 6	Freeman & Brooks	Labor and material	\$ 7 90
14380	do	Simplex Time Recorder Co.	Sheets	9 00
14381	do	The Ideal Electric Co.	Supplies	113 46
14382	do	Dryer & Burt	Corn and wheat	125 63
14383	do	Jennie C. Barlow	Services	60 00
14384	do	B. O. Aylesworth	Lecture	25 00
14385	do	Geo. B. Carpenter & Co.	Supplies	12 55
14386	do	Jacob White	Plastering	8 00
14387	do	Twin City Roofing & Sheet Metal Works	Metal supplies	39 00
14388	do	C. N. Clark & Co.	Labor	2 50
14389	do	William Price Estate	Papering	7 00
14390	do	American Radiator Co.	Repairs	12 66
14391	do	American LaFrance Fire Engine Co.	Clothing	41 40
14392	do	Fort Wayne Electric Works	Motor	73 30
14393	do	The Kny Scheerer Co.	Models	215 25
14394	do	General Refractories Co.	Clay	30 00
14395	do	L. M. Ellison	Draft gage	3 00
14396	do	Illinois State Penitentiary	Furniture	265 00
14397	do	Bryan Marsh Electric Works	Supplies	333 53
14398	do	Martin Metz	Repairs	3 50
14399	do	People's Cooperative Co.	Jars	5 50
14400	do	J. H. Carter	Expenses	96 00
14401	do	The Linde Air Products Co.	Oxygen	8 00
14402	do	The Elliott Co.	Blanks	12 00
14403	do	Commercial Acetylene Ry. Light & Signal Co.	Gas	3 38
14404	do	Jahn & Ollier Engraving Co.	Diagrams	2 44
14405	do	R. R. Donnelly & Sons Co.	Etchings	2 75
14406	do	P. D. Foster	Scale base	15 00
14407	do	G. I. Alden, Contractor	Payment on contract	1,800 00
14408	do	Buckeye Engine Co.	Globes	5 00
14409	do	M. C. Clark Publishing Co.	Book	2 70
14410	do	The American Architect	Advertising	39 60
14411	Mar. 7	D. Van Nostrand Co.	Books	1 35
14412	do	The Esterline Co.	Dynamo	51 50
14413	do	Pittsburgh Meter Co.	Meter	17 45
14414	do	Pratt & Whitney Co.	Drill	2 71
14415	do	The Potter's Supply Co.	Flint	20 27
14416	do	Albert Wuestman	Apparatus	4 20
14417	do	H. V. Roberts	Slides	33 85
14418	do	James Irvine	Feed	6 50
14419	do	P. R. Palethorpe Co.	Nicoticide	27 00
14420	do	Peoria Star Co.	Advertising	7 00
14421	do	Tice & Lynch	Entry fees	18 91
14422	do	Wm. Gaertner & Co.	Labor and expenses	41 90
14423	do	D. Appleton & Co.	Book	3 50
14424	do	J. E. Smith	Expenses	18 70
14425	do	West Publishing Co.	Books	59 00
14426	do	T. L. Cole	do	3 50
14427	do	Callaghan & Co.	do	7 25
14428	do	The Carswell Co.	do	26 25
14429	do	Chivers Book Binding Co.	do	3 24
14430	do	Julius Kuhlman	do	2 21
14431	do	Ginn & Co.	Book	2 00
14432	do	Office of the Publisher's Weekly	Sub index	4 00
14433	do	Americus Book Co.	Books	21 90
14434	do	Brownfield & Turner	Coal	9 78
14435	do	L. J. Weller	Repairing	3 00
14436	do	Meyer & Wenthe	Stamps	5 35
14437	do	W. D. Messinger & Co.	Paper cutters	5 45
14438	do	The Globe-Wernicke Co.	Guides	4 75
14439	do	The Adder Machine Co.	Ribbons	4 50
14440	do	W. W. Lindley, Postmaster	Deposit	50 00
14441	do	Colville Bros.	Directory	5 00
14442	do	Pownner's Book Store	Book	6 40
14443	do	Peerless Belt Lacing Machine Co.	Lacing	3 14
14444	do	Rundle Spence Mfg. Co.	Stopcock	1 45
14445	do	Merek & Co.	Chemicals	7 60
14446	do	The American Seeding Machine Co.	Repairs	2 60
14447	do	Swift & Co.	Fertilizer	13 95
14448	do	F. W. Gault	Expenses	39 44
14449	do	Wm. Aten, Sr.	do	3 12
14450	do	French Batter & Carbon Co.	Telephone	21 60
14451	do	Ralph Hilscher	Expenses	46 67
14452	do	Edward Bartow	do	64 25
14453	do	McGraw-Hill Book Co.	Books	8 93
14454	do	Percival & Moorehead	Supplies	11 65
14455	do	The Burr Co.	do	77 24
14456	do	Campbell & Spalding	Horse shoeing	84 75

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
14457	Mar. 7	Medart Patent Pulley Co.	Machine parts.	\$ 5 46
14458	do.	Mills Electric Co.	Supplies.	68 41
14459	do.	Westinghouse Electric & Mfg. Co.	Tape.	62 18
14460	do.	Western Electric Co.	Supplies.	200 39
14461	do.	R. C. Wagner & Son.	Labor and material.	43 99
14462	do.	P. S. Campbell.	Printing.	24 75
14463	do.	Central Electric Co.	Supplies.	183 98
14464	do.	C. A. Hall Hardware Co.	do.	27 26
14465	do.	Twin City Ice & Cold Storage.	Ice.	16 00
14466	do.	Knowlton & Bennett.	Drug supplies.	19 15
14467	do.	Eimer & Amend.	Laboratory supplies.	191 19
14468	do.	J. W. Butler Paper Co.	Stationery.	72 56
14469	do.	The Carson-Payson Co.	Labor and material.	129 71
14470	do.	The Miller Harness Co.	Harness.	93 83
14471	do.	A. C. McClurg & Co.	Books.	120 07
14472	do.	Keuffel & Esser Co.	Supplies.	28 69
14473	do.	F. M. Leslie.	Frames.	90 50
14474	do.	Green Street Pharmacy.	Supplies.	5 85
14475	do.	Ernst Hertzberg & Sons.	Book binding.	104 03
14476	do.	C. C. Short.	Blacksmithing.	6 75
14477	do.	Whitall Tatum Co.	Supplies.	60 62
14478	do.	Hess Warming & Ventilating Co.	Laboratory supplies.	31 38
14479	do.	Swartz Electric Shop.	Supplies.	7 77
14480	do.	Vaughan's Seed Store.	Seeds.	23 25
14481	do.	Walker & Mulliken.	Furniture.	7 25
14482	do.	B. A. Strauch.	Photo supplies.	35 50
14483	do.	General Electric Co.	Supplies.	198 83
14484	do.	C. J. Welch.	Concrete work.	37 00
14485	do.	The Taylor Hardware Co.	Supplies.	20 83
14486	do.	S. E. Huff & Co.	Lumber.	110 60
14487	do.	D. H. Loyde.	Supplies.	82 52
14488	do.	W. W. Walls & Co.	Lumber.	227 14
14489	do.	The U. of I. Supply Store.	Stationery, etc.	182 24
14490	do.	The Garlock Packing Co.	Supplies.	40 91
14491	do.	F. K. Robeson.	Dry goods.	21 47
14492	do.	G. C. Willis.	do.	20 93
14493	do.	Champaign Gas & Electric Supply Co.	Electrical supplies.	32 15
14494	do.	H. F. Chester.	Horse shoeing.	28 00
14495	do.	C. A. Denman, Contractor.	Labor and material.	189 95
14496	do.	G. E. Stechert & Co.	Books.	222 29
14497	do.	Reliable Plumbing & Heating Co.	Supplies.	22 91
14498	do.	E. H. Sargent & Co.	Laboratory supplies.	366 01
14499	do.	Tablet & Ticket Co.	Supplies.	17 79
14500	do.	Woldenberg & Schaar.	Dishes.	40 62
14501	do.	Sheldon Brick & Building Supply Co.	Brick.	3 75
14502	do.	G. W. Sheldon & Co.	Duties and charges.	22 34
14503	do.	J. B. Clow & Sons.	Supplies.	32 22
14504	do.	Flat Iron Store Co.	Dry goods.	20 90
14505	do.	Flanigan-Pearson Co.	Printing.	181 41
14506	do.	Cunningham Bros.	Supplies.	64 88
14507	do.	J. H. Doyle.	Hardware.	73 35
14508	do.	Crane Co.	Metal supplies.	144 64
14509	do.	Aristo Studio.	Labor and material.	1 30
14510	do.	White Line Steam Laundry.	Washing.	59 92
14511	do.	G. E. Frazer.	Expenses.	17 89
14512	do.	The Beardsley Hotel Co.	Bills.	9 50
14513	do.	Morava Construction Co.	Payment on contract.	25, 145 00
14514	do.	The Coast Products Co.	Fruit.	130 15
14515	do.	F. A. Hawley.	Concrete work.	82 20
14516	do.	Harry Picknell.	Doughnuts.	4 50
14517	do.	Otis & Moe.	Fountains.	20 60
14518	do.	Metzler & Schafer Co.	Groceries.	32 16
14519	do.	The Survey.	Subscription.	2 00
14520	do.	The North Western Mfg. Co.	Disinfectant.	11 00
14521	do.	Freeman & Brooks.	Labor and material.	33 84
14522	do.	The Carson-Payson Co.	Payment on contract.	1, 080 32
14523	do.	The New York Botanical Garden.	Book.	4 00
14524	do.	E. J. Osler.	Cocoons.	3 00
14525	do.	The Varsity Print Shop.	Bulletins.	27 00
14526	do.	A. Gerbel.	Book.	12 00
14527	do.	Paul Gottschalk.	Books.	1 15
14528	do.	American Civic Association.	do.	9 45
14529	do.	J. Terquem & Cie.	do.	344 40
14530	do.	J. E. Meharry.	Sow.	81 00
14531	do.	H. Mueller Mfg. Co.	Stops.	14 40
14532	do.	Burley & Co.	Dishes.	244 96
14533	do.	The Boston Book Co.	Books.	7 40
14534	do.	Pantagraph Printing & Stationery Co.	Supplies.	143 38
14535	do.	Orr & Lockett Hardware Co.	do.	28 50

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
14536	Mar. 7	E. M. Moll.....	Repairs.....	\$ 4 32
14537	..do..	Mittendorf & Klier.....	Supplies.....	8 15
14538	..do..	National Engraving Co.....	Etchings.....	35 00
14539	Mar. 11	A. T. Mills.....	Entry fee.....	2 00
14540	..do..	L. R. Ingersoll.....	Expenses.....	15 39
14541	..do..	L. A. McLean Agent.....	Premium on policy.....	59 58
14542	..do..	Fred Burgener, Administrator.....	Salary, June, 1912.....	50 00
14543	..do..	Electric Specialty Co.....	Junction boxes.....	15 25
14544	..do..	C. Beers, Jr.....	Wages, March 1-2, 1913.....	3 67
14545	..do..	G. W. Beardsley.....	Wages, February, 1913.....	40 33
14546	..do..	M. R. Carlson.....	Expenses.....	33 51
14547	..do..	C. Beers, Jr.....	..do.....	10 51
14548	..do..	Otto Schwartz.....	..do.....	13 03
14549	..do..	Earl Garver.....	..do.....	11 35
14550	..do..	G. W. Beardsley.....	..do.....	6 94
14551	..do..	A. W. Stoolman.....	Labor and material.....	114 82
14552	..do..	Ingersoll-Rand Co.....	Compressor.....	1,443 20
14553	..do..	J. O. Toland.....	Clover seed.....	84 66
14554	..do..	Olney Milling Co.....	Feed.....	28 05
14555	..do..	A. J. Beatty.....	Expenses.....	7 24
14556	..do..	H. A. Hollister.....	..do.....	106 27
14557	..do..	C. B. Gibson.....	Lectures.....	100 00
14558	..do..	Rosa Lee Gaut.....	Wages, Debruary, 1913.....	48 00
14559	..do..	S. O. Andros.....	Expenses.....	12 64
14560	..do..	The Saffell Co.....	Hardware.....	43 67
14561	..do..	C. W. Groves.....	Lists.....	14 77
14562	..do..	W. W. Lindley, Postmaster.....	Deposit.....	10 00
14563	..do..	Axley Co.....	Hay.....	164 32
14564	..do..	George Kubacki.....	Machine.....	38 00
14565	..do..	George L. Koch.....	Hay.....	30 48
14566	..do..	Ellen M. Henrotin.....	Expenses.....	12 84
14567	..do..	Fred L. Hatch.....	..do.....	109 92
14568	..do..	C. E. Smith, Contractor.....	Labor and material.....	85 90
14569	Mar. 12	J. Terquem & Cie.....	Book.....	2 70
14570	..do..	Societe Generale D'Imprimerie.....	..do.....	3 77
14571	..do..	Plon-Nourrit & Cie.....	Books.....	21 16
14572	..do..	Harvard Apparatus Co.....	Supplies.....	23 90
14573	..do..	J. & A. Churchill.....	Book.....	2 21
14574	..do..	Leavitt Mfg Co.....	Labor.....	113 30
14575	..do..	William Hix.....	Teaming.....	4 00
14576	..do..	R. K. Hursh.....	Expenses.....	77 64
14577	..do..	The Brace Chair Co.....	Chairs.....	169 20
14578	..do..	Vittorio Almarie.....	Books.....	2 71
14579	..do..	Association of American Law Schools.....	Dues.....	10 00
14580	..do..	Bernh. Liebisch.....	Books.....	27 35
14581	..do..	Gustave Fock.....	..do.....	3 00
14582	..do..	Karl W. Hiersemann.....	..do.....	12 59
14583	..do..	R. Friedlander & Sohn.....	..do.....	2 20
14584	..do..	Bernard Quaritch.....	..do.....	8 27
14585	..do..	Montgomery Ward & Co.....	Oil tank.....	7 75
14586	..do..	George Harding.....	..do.....	10 90
14587	..do..	Paul Geuthner.....	..do.....	81 71
14588	..do..	John Davis.....	..do.....	2 80
14589	..do..	Ulrico Hoepli.....	..do.....	15 12
14590	..do..	W. Heffer & Sons, Ltd.....	..do.....	2 22
14591	..do..	Alfred Noyes.....	Lectures.....	125 00
14592	..do..	J. & A. Churchill.....	Book.....	2 17
14593	..do..	T. J. Burrill.....	Allowance.....	250 00
14594	..do..	Moody Manual Co.....	Subscription.....	15 00
14595	..do..	Freeman & Brooks, Contractors.....	Payment on contracts.....	1,250 50
14596	..do..	Carrie A. Bahrenburg.....	Expenses.....	474 82
14597	..do..	Electric Coal Co.....	Coal.....	3,158 45
14598	Mar. 13	A. J. Kowsky.....	Recital.....	40 00
14599	Mar. 14	Twin City Creamery Co.....	Salt and milk powder.....	44 79
14600	..do..	Twentieth Century Press Clipping Bureau.....	Clippings.....	2 50
14601	..do..	Osgood Scale Co.....	Scale.....	62 04
14602	..do..	Elmer & Amend.....	Jars.....	35 00
14703	..do..	Sauveur & Boylston.....	Laboratory apparatus.....	4 87
14604	..do..	General Chemical Co.....	Supplies.....	64 00
14605	..do..	H. H. Shufeldt & Co.....	Alcohol.....	112 57
14606	..do..	Eastman Kodak Co.....	Films.....	8 00
14607	..do..	Schermerhorn Bros. Co.....	Mops.....	36 00
14608	..do..	H. I. Carpenter.....	Tuning pianos.....	8 75
14609	..do..	St. Louis Brass Mfg Co.....	Supplies.....	5 50
14610	..do..	H. M. English.....	Eggs.....	4 56
14611	..do..	Champaign & Urbana Water Co.....	Water.....	1 25
14612	..do..	Champaign Gas & Electric Supply Co.....	Supplies.....	14 35
14613	..do..	D. S. Lake.....	Trees.....	16 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
14614	Mar. 14	Ledder & Probst	Drawing boards	\$ 37 00
14615	do	A. & E. Tarbox	Cooker	10 00
14616	do	Leigh F. Maxcy	Services	30 00
14617	do	H. P. Rusk	Expenses	6 97
14618	do	J. V. Stevenson	do	4 70
14619	do	The Carl Bajohr L. C. Co.	Lightning conductors	73 26
14620	do	Medart Patent Pulley Co.	Pulleys	8 64
14621	do	R. R. Donnelley & Sons Co.	Printing	640 36
14622	do	Celfor Tool Co.	Machinery	9 46
14623	do	Eagle Stamp Works	Supplies	1 82
14624	do	The Engineering Magazine	Advertising	2 09
14625	do	Louis Melind & Co.	Rubber stamps	4 32
14626	do	C. J. Welch, Contractor	Final payment on contract	339 59
14627	do	G. W. Sheldon & Co.	Fees and charges	4 90
14628	do	O. S. Watkins	Expenses	7 35
14629	do	Pearl Lee	do	16 90
14630	do	Callaghan & Co.	Books	27 35
14631	do	The Thompson & Norris Co.	Book wraps	21 98
14632	do	E. E. Hoskins	Expenses	32 60
14633	do	German Kali Works	Sulfate	5 77
14634	do	Lemcke & Buechner	Subscription	132 00
14635	do	Chicago Fire Proof Storage Warehouse	Storage	3 00
14636	do	The Celluloid Co.	Cash checks	10 70
14637	do	Twin City Printing Co.	Labor and material	1 75
14638	do	Illinois Press Clipping Bureau	Clipping services	10 00
14639	do	Metzler & Schafer Co.	Groceries	55 86
14640	do	Illinois State Reformatory	Printing	86 35
14641	do	Twin City Roofing & Sheet Metal Works	Supplies	49 15
14642	do	Champaign Steam Laundry	Washing	58 50
14643	do	Central Electric Co.	Supplies	34 71
14644	do	C. A. Hall Hardware Co.	do	37 28
14645	do	E. H. Sargent & Co.	Laboratory supplies	65 32
14646	do	Mittendorf & Kiler	Furniture	315 06
14647	do	The Saffell Co.	Hardware	20 55
14648	do	General Electric Co.	Supplies	122 02
14649	Mar. 17	F. A. Wilske	Labor	1 45
14650	do	H. McFadden & Bro.	Oil meal	10 00
14651	do	P. Adams	Hauling	14 87
14652	do	Westerlin & Campbell Co.	Gums	1 95
14653	do	New York Incandescent Lamp Co.	Supplies	40 00
14654	do	The Hektograph Mfg. & Dup. Co.	Duplicator	5 53
14655	do	White Line Steam Laundry	Washing	21 51
14656	do	Geo. Banta Publishing Co.	Reprints	5 66
14657	do	Illinois Printing Co.	Booklets	17 00
14658	do	Palmer & Harris	Entertaining	83 50
14659	do	The Chicago Tribune	Advertising	6 40
14660	do	Richard Wunderlich	Repairs	39 86
14661	do	C. M. Kellog	Tuning fork	55 00
14662	do	The Angler's Bait & Mfg. Co.	Frogs	2 25
14663	do	Edward Pennock	Laboratory apparatus	32 68
14664	do	C. C. Adams	Expenses	2 15
14665	do	Louis Ernst & Sons	Squares	12 00
14666	do	F. W. Muncie	Expenses	13 12
14667	do	A. H. Nehrling	do	15 42
14668	do	G. L. Peltier	do	13 02
14669	do	C. M. Robinson	Lectures and expenses	324 76
14670	do	F. M. Foltz	Repairing	4 95
14671	do	The Urbana Courier Co.	Bulletins	12 75
14672	do	C. J. Welch	Concrete work	4 50
14673	do	R. T. Stull	Expenses	93 54
14674	do	Mueller Bros	Machine	465 00
14675	do	American Rutile Co.	Rutile	4 00
14676	do	Western Electric Co.	Supplies	34 73
14677	do	Orr Allyn	Expenses	9 89
14678	do	The Petroleum Iron Works Co	Tanks	292 15
14679	do	The Chas. A. Strelinger Co.	Machine parts	5 57
14680	do	R. C. Wagner & Son	Coal	13 13
14681	do	American Ry. Master Mechanic's Assn	Reports	2 50
14682	do	Union Twist Drill Co.	Drill	3 05
14683	do	New Process Twist Drill Co.	Drills	4 68
14684	do	International Acheson Graphite Co.	Electrodes	17 44
14685	do	The Chas. A. Strelinger Co	Hardware	4 61
14686	do	Crerar, Adams & Co.	Steel tubing	8 43
14687	do	The Marine Biological Laboratory	Rent of room	100 00
14688	do	Central Scientific Co.	Thermograph	57 75
14689	do	The Varsity Print Shop	Bulletins	36 00
14690	do	Leary Stuart & Co.	Books	2 05
14691	do	E. C. Richardson	do	3 00
14692	do	G. Broes Van Dort Co.	do	22 50

GENERAL UNIVERSITY WARRANTS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
1913.				
14693	Mar. 17	The H. W. Wilson Co.	Books	\$ 3 75
14694	..do..	The National Geographic Society	Dues	2 00
14695	..do..	The Enterprise Mfg. Co.	Mill	13 50
14696	..do..	Laura B. Evans	Expenses	71 12
14697	..do..	Yawman & Erbe Mfg. Co.	Cards	3 01
14698	..do..	The Weis Mfg. Co.	Supplies	7 70
14699	..do..	F. M. Leslie	Framing	17 10
14700	..do..	Western Bank Note & Engraving Co.	Diplomas	418 50
14701	..do..	Goes Lithographic Co.	do	65 10
14702	..do..	National Engraving Co.	Supplies	5 10
14703	..do..	Bertha Sharp	Salary, February, 1913.	55 00
14704	..do..	Machinists Supply Co.	Keys	2 21
14705	..do..	The L. S. Starrett Co.	Gage	1 88
14706	..do..	Exporter's Encyclopaedia Co.	Book	7 50
14707	..do..	W. W. & E. D. Hanes' Meat Market	Meat	2 25
14708	..do..	The Western Gas Fixture Co.	Shades	3 25
14709	..do..	Lewis Electric Supply Co.	Supplies	261 94
14710	..do..	A. S. Nelson & Sons	Groceries	10 29
14711	..do..	G. C. Willis	Dry goods	11 12
14712	..do..	J. T. Baker Chemical Co.	Chemicals	18 28
14713	..do..	J. Manz Engraving Co.	Labor and material	43 21
14714	..do..	Oldham Brothers	Oil and paint	3 55
14715	..do..	Leedy Mfg. Co.	Labor and material	25 19
14716	..do..	The Ideal Electric Co.	Supplies	352 62
14717	..do..	A. O. Magnuson	Labor and materials	160 45
14718	..do..	Percival & Moorehead	Hardware	15 69
14719	..do..	The University of Illinois Supply Store	Supplies	23 32
14720	..do..	H. W. Johns-Manville Co.	do	409 76
14721	..do..	Walker & Mulliken	Furniture	76 95
14722	..do..	Western Carbon & Ribbon Co.	Ribbons	5 18
14723	..do..	H. Swannell & Son	Drugs	19 85
14726	..do..	Ernst Hertzberg & Sons	Bookbinding	221 11
14725	..do..	A. C. McClurg & Co.	Books	87 48
14726	..do..	Bausch & Lomb Optical Co.	Laboratory apparatus	22 93
14727	..do..	Illinois State Penitentiary	Furniture	788 00
14728	..do..	R. A. Stipes	Sand	6 00
14729	..do..	Champaign Daily Gazette	Advertising	2 81
14730	..do..	S. E. Huff & Co.	Lumber	177 10
14731	..do..	B. A. Strauch	Photo work	50 10
14732	..do..	Bennett's Newspaper & Magazine Agency	Subscription	42 00
14733	..do..	The Boston Book Co.	Books	31 58
14734	..do..	The Alexander Lumber Co.	Lumber, etc.	83 65
14735	..do..	W. Lewis & Co.	Supplies	14 16
14736	..do..	W. W. Walls & Co.	Lumber	36 88
14737	..do..	V. A. Ketcham	Expenses	97 05
14738	Mar. 18	O. E. Staples, Chief Clerk	Payments Snyder fund deposits	650 00
14739	..do..	O. E. Staples, Chief Clerk	Freight bills paid	297 02
14740	..do..	O. E. Staples, Chief Clerk	Sundry bills paid	185 81
14741	..do..	O. E. Staples, Chief Clerk	Student labor	708 89
14742	..do..	O. E. Staples, Chief Clerk	Express	87 84
14743	..do..	E. A. Eichorst	Collars	24 00
14744	..do..	Mrs. M. F. Johnston	Insurance, etc.	70 41
14745	..do..	Powers & Powers	Amoeba and fusca	8 35
14746	..do..	Edward Eichorst	Hardware	3 35
14747	..do..	F. C. Hubbard	Boxes and crates	176 06
14748	..do..	McGraw Bros	Groceries	5 10
14749	..do..	Self Winding Clock Co.	Clocks, etc.	475 30
14750	..do..	American Seating Co.	Chairs	583 20
14751	..do..	Electric Coal Co.	Coal	232 31
14752	..do..	Jolly, Wieland & Richardson Co.	Hardware	9 05
14753	..do..	J. Bowman	Paint and oil	2 12
14754	..do..	E. L. Whitney, Treasurer	Dues	2 00
14755	..do..	H. A. Hollister	Expenses	28 84
14756	..do..	Maxwell Hay Co.	Hay	405 94
14757	..do..	The Society of American Bacteriologists	Charts	2 50
14758	..do..	H. D. Oberdorfer	Expenses	74 25
14759	..do..	W. W. Lindley, Postmaster	Postage	272 02
14760	..do..	Standard Oil Co.	Oil	65 24
14761	..do..	J. Terquem & Cie	Books	68 38
14762	..do..	G. E. Stechert & Co.	do	342 82
14763	..do..	Leavitt Mfg. Co.	Supplies	105 46
14764	..do..	Crane Co.	do	176 24
14765	..do..	Bacon Bros	Paint, etc.	14 83
14766	..do..	O. E. Staples, Chief Clerk	Payments on dairy products	582 36
14767	Mar. 19	O. E. Staples	do	297 38
14768	..do..	The Burr Co.	Labor and material	3, 524 52
14769	..do..	The Silica Syndicate	Supplies	84 95
14770	..do..	Eisenschmidt's	Books and maps	38 19
14771	..do..	F. E. Thompson	Lecture	25 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
14772	Mar. 19	The Jeffrey Mfg. Co.	Machinery	\$ 701 87
14773	do.	Art Metal Construction Co.	Pigeon holes.	135 44
14774	do.	C. J. Welch, Contractor	Payment on contracts.	1,022 94
14775	do.	Pickering & Chatto	Books.	26 87
14776	do.	Luzac & Co.	do.	97 86
15777	do.	G. Rapilly	Book	1 05
14778	do.	The Museum Book Store	Books.	158 52
14779	do.	Fernando Fe	do.	17 23
14780	do.	Albert Brecknock	Book	1 92
14781	do.	Mayer & Muller	do.	1 37
14782	do.	Halm & Goldmann	Books.	9 24
14783	do.	Martinus Nijhoff	do.	13 39
14784	do.	D. H. Lloyd	Supplies.	95 06
14785	do.	Otto Harrassowitz	Books.	83 32
14786	do.	Pickering & Chatto	do.	19 95
14787	Mar. 21	J. B. Andrews	Expenses.	32 26
14788	do.	J. R. Wells	do.	17 01
14789	do.	A. E. Burwash	do.	36 09
14790	do.	George A. Turell	Insurance.	59 94
14791	do.	J. V. Stevenson	Expenses.	6 34
14792	do.	R. J. Stone	Services.	10 00
14793	do.	J. G. Imboden	do.	10 00
14794	do.	C. A. Marker	do.	10 00
14795	do.	Ira G. Sharp	do.	10 00
14796	do.	H. C. Augustus	Rental.	100 00
14797	do.	J. W. Garvey	Services.	5 00
14798	do.	A. J. Lovejoy	do.	10 00
14799	do.	W. F. Merriman	do.	10 00
14800	do.	F. M. Mann	Expense advanced	8 04
14801	do.	C. M. Kellogg	Table and hammer	65 00
14802	do.	The Traffic Service Bureau	Book	6 00
14803	do.	O. S. Fisher	Expenses.	15 12
14804	do.	A. A. Stout	Straw	76 55
14805	Mar. 24	International Harvester Co.	Freight	22 00
14806	do.	T. J. Burrill	Expenses.	6 89
14807	do.	A. A. Armstrong	Bull.	600 00
14808	do.	H. A. Winter	Services and expenses.	16 39
14809	do.	J. S. Pray	Lectures and expenses.	177 57
14810	do.	The Automobile Supply Co.	Supplies.	41 74
14811	do.	C. C. Smith	do.	3 00
14812	do.	J. M. Thorburn & Co.	Seeds.	5 67
14813	do.	Theo M. Smith	Team	500 00
14814	do.	C. N. Clark & Co.	Labor	2 50
14815	do.	R. T. Stull	Salary, September, 1912-March, 1913.	175 00
14816	do.	The Mandle-Sant Clay Co.	Clay	5 00
14817	do.	Green Engineering Co.	Links and clips	24 15
14818	do.	A. Daigger & Co.	Potassium cyanide	15 00
14819	do.	A. H. Thomas Co.	Chemicals.	21 87
14820	do.	Ralph Chaplin	Labor and material	6 65
14821	do.	Florence E. Watson	Expenses.	8 76
14822	do.	Shea Smith & Co.	Fasteners.	2 96
14823	do.	J. E. Whitchurch	Expenses.	33 72
14824	do.	Galesburg Buggy Co.	Hopper	3 50
14825	do.	McCray Refrigerator Co.	Refrigerator	350 45
14826	do.	Southern Illinois Penitentiary	Jackets and trousers.	9 55
14827	do.	The University Club of Urbana and Champaign	Entertaining	65 90
14828	do.	D. H. Stevenson	Expenses and services.	94 35
14829	do.	C. J. Badger	Expenses.	21 74
14830	do.	C. O. Taylor	Straw	71 18
14831	do.	The Home Telephone Co.	Service	100 00
14832	do.	Baker & Co.	Silver	4 68
14833	do.	S. W. Parr	Meals.	4 85
14834	do.	E. C. Schmidt	Expenses.	14 80
14835	do.	Stafford Engraving Co.	Embossing	8 50
14836	do.	American Hoist & Derrick Co.	Machinery	48 85
14837	do.	The Bruce Macbeth Engine Co.	Coupling	11 90
14838	do.	Eastman Kodak Co.	Films.	8 00
14839	do.	F. N. Judson	Expenses.	13 00
14840	do.	A. J. Warren Brush Co.	Brushes	28 00
14841	do.	E. F. Bracken	Inspection and report.	50 00
14842	do.	G. E. Frazer	Expenses.	25 39
14843	do.	Library Bureau	Cards.	37 00
14844	do.	Frances Simpson	Expenses.	25 77
14845	do.	Adah Patton	do.	19 04
14846	do.	Army & Navy Journal	Advertising.	9 75
14847	do.	Breitkopf & Hartel	Paper.	7 10
14848	do.	F. J. Burns & Co.	Turtles.	3 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1913.				
14849	Mar. 24	C. M. Parker.	Advertising.	\$ 8 55
14850	..do.	J. C. Moore, Corporation.	Index divisions.	1 66
14851	..do.	Edward Pennock.	Slides.	70 00
14852	..do.	E. P. Dolbey & Co.	Rubber tubing.	17 40
14853	..do.	The New York Tribune.	Papers.	1 67
14854	..do.	J. V. Cotta.	Services.	10 00
14855	..do.	W. George Covan.	Expenses.	10 00
14856	..do.	Dallenbach Brothers.	Meat.	20 30
14857	..do.	Dennison Mfg. Co.	Tags.	6 57
14858	..do.	J. F. Umpleby.	Hay.	204 30
14859	..do.	Thomas Mulligen.	Straw.	33 23
14860	..do.	W. C. Zimmerman.	Services.	391 20
14861	..do.	Schweitzka Bros.	Lettering doors.	19 60
14862	..do.	The Cleveland Seating Co.	Castings.	5 50
14863	..do.	Morse Twist Drill & Machine Co.	Drills.	7 50
14864	..do.	The Frederick Post Co.	Drawing supplies.	8 50
14865	..do.	Lincoln Williams Twist Drill Co.	Drills.	13 55
14866	..do.	Detroit Twist Drill Co.	Drill.	3 00
14867	..do.	The Bristol Co.	Gauges.	50 00
14868	..do.	Jahn & Ollier Engraving Co.	Zinc diagram.	4 15
14869	..do.	The Standard Calorimeter Co.	Repairs, etc.	30 60
14870	..do.	P. Adams.	Unloading coal.	32 20
14871	..do.	General Electric Co.	Supplies.	163 71
14872	..do.	Pearley Lee.	Oats.	42 00
14873	..do.	Merrell-Soule Co.	Milk powder.	3 70
14874	..do.	T. H. Flood & Co.	Books.	62 05
14875	..do.	The A. H. Clark Co.	..do.	14 36
14876	..do.	C. M. McConn.	Expenses.	11 14
14877	..do.	Meyer & Wenthe.	Stamps.	1 53
14878	..do.	H. A. Hollister.	Expenses.	34 99
14879	..do.	American Educational Co.	Directory.	5 00
14880	..do.	Roovers Bros.	Zinc tape.	2 99
14881	..do.	William Murray.	Corn.	565 70
14882	..do.	F. W. Tanner.	Expenses.	8 93
14883	..do.	The J. L. Mott Iron Works.	Sinks.	18 24
14884	..do.	Alberene Stone Co.	Stone tops.	78 27
14885	..do.	W. W. Lindley, Postmaster.	Postage.	474 29
14886	..do.	P. S. Campbell.	Printing.	38 50
14887	..do.	E. C. Jeffrey.	Lecture.	84 70
14888	..do.	W. W. Walls & Co.	Lumber.	62 00
14889	..do.	Walker & Mulliken.	Furniture.	54 40
14890	..do.	The Creamery Package Mfg. Co.	Repairs.	9 25
14891	..do.	The Miller Harness Co.	Repairs and material.	54 15
14892	..do.	Leavitt Mfg. Co.	Labor and material.	166 50
14893	..do.	Western Electric Co.	Supplies.	44 26
14894	..do.	Derrough & Co.	Hardware.	8 50
14895	..do.	Eugene Dietzgen Co.	Apparatus.	81 55
14896	..do.	The Champaign News.	Advertising.	10 20
14897	..do.	J. W. Butler Paper Co.	Paper.	16 53
14898	..do.	Champaign Seed Co.	Feed.	4 85
14899	..do.	Flat Iron Store Co.	Supplies.	195 57
14900	..do.	Sengbusch Self Closing Inkstand Co.	Inkstands.	18 47
14901	..do.	Geo. B. Carpenter & Co.	Waste and packing.	32 85
14902	..do.	O. E. Staples, Chief Clerk.	Sundry bills paid.	236 46
14903	Mar. 25	J. W. Amrine.	Oil meal.	291 00
14904	Mar. 26	Keuffel & Esser Co.	Paper and tables.	556 81
14905	..do.	C. H. Farthing.	Services.	50 00
14906	Mar. 27	Standard Cap & Seal Co.	Caps and rings.	42 50
14907	..do.	W. N. Rudd.	Lectures.	400 00
14908	..do.	Pasteur Laboratories of America.	Tuberculin solution.	1 27
14909	..do.	W. D. MacClintock.	Expenses.	6 90
14910	..do.	Geo. A. Ogle & Co.	Atlas.	15 00
14911	..do.	George Huff.	Expenses.	35 20
14912	..do.	Allen & Utzinger.	Laboratory coats.	9 00
14913	..do.	U. & C. Ry., Gas & Electric Co.	Tar and gas.	24 00
14914	..do.	The Mayer China Co.	Clay.	5 00
14915	..do.	Eimer & Amend.	Oven.	75 00
14916	..do.	H. S. Cash.	Expenses.	30 10
14917	..do.	W. J. Boehm.	Glass ware.	5 75
14918	..do.	A. J. Gunderson.	Expenses.	2 89
14919	..do.	B. S. Pickett.	..dg.	20 38
14920	..do.	Callaghan & Co.	Books.	10 00
14921	..do.	Somers, Fittler & Todd Co.	Hardware.	34 78
14922	..do.	Helena M. Pincomb.	Expenses.	58 09
14923	..do.	Ralph Hilscher.	..do.	16 16
14924	..do.	Paul Hansen.	..do.	50 28
14925	..do.	Central Electric Co.	Supplies.	36 85
14926	..do.	Hunter Rourke & Co.	Coal and lumber.	89 24
14927	..do.	Percival & Moorehead.	Hardware.	15 17



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
14928	Mar. 27	R. W. Braithwaite, V. S.	Services.	\$ 25 95
14929	..do.	Automatic Electric Co.	Supplies.	25 00
14930	..do.	S. E. Huff & Co.	Lumber.	27 45
14931	..do.	Knowlton & Bennett.	Supplies.	38 65
14932	..do.	Illinois State Reformatory.	Printing.	391 45
14933	..do.	Frison Carriage Shop.	Repairing.	9 70
14934	..do.	The Ideal Electric Co.	Supplies.	148 99
14935	..do.	Green Street Pharmacy.	..do.	22 90
14936	..do.	W. Lewis & Co.	..do.	5 11
14937	..do.	Mittendorf & Kiler.	Furniture.	299 97
14938	..do.	D. H. Lloyd.	Stationery, etc.	107 04
14939	..do.	J. T. Ryerson & Son.	Supplies.	7 08
14940	..do.	Henry A. Dreer.	Seeds and plants.	11 45
14941	..do.	G. W. Sheldon & Co.	Fees and charges.	45 55
14942	..do.	John H. Doyle.	Hardware.	43 40
14943	..do.	Reliable Plumbing & Heating Co.	Supplies.	399 81
14944	..do.	O. E. Staples, Chief Clerk.	Students' payroll.	314 08
14945	..do.	O. E. Staples, Chief Clerk.	Express.	64 63
14946	Mar. 31	Harold Mount.	Wages, March, 1913.	31 50
14947	..do.	A. O. Magnuson.	..do.	80 00
14948	..do.	C. R. Sinclair.	..do.	54 00
14949	..do.	Marion E. Sparks.	..do.	32 00
14950	..do.	R. L. Chase.	..do.	12 10
14951	..do.	Charles Warriner.	..do.	15 40
14952	..do.	Howard McIntosh.	..do.	14 50
14953	..do.	Bryne L. Ray.	..do.	25 00
14954	..do.	Kenneth Brown.	..do.	16 00
14955	..do.	Bert Sterenberg.	..do.	18 60
14956	..do.	Grant May.	..do.	45 00
14957	..do.	Mason Gladson.	..do.	17 80
14958	..do.	A. M. Bagusin.	..do.	16 00
14959	..do.	Eleanor Hubbard.	..do.	23 00
14960	..do.	W. E. Britton.	..do.	30 25
14961	..do.	Isabella Anderson.	..do.	13 00
14962	..do.	C. E. Myers.	..do.	18 00
14963	..do.	F. R. Miller.	..do.	10 00
14964	..do.	H. T. Wood.	..do.	16 00
14965	..do.	H. G. Atkinson.	..do.	18 60
14966	..do.	E. U. Rugg.	..do.	28 80
14967	..do.	E. O. Fontaine.	..do.	14 20
14968	..do.	F. C. Hare.	..do.	26 60
14969	..do.	H. M. English.	..do.	30 00
14970	..do.	J. Rachwalski.	..do.	60 00
14971	..do.	R. R. Danielson.	..do.	30 13
14972	..do.	Verna A. Manley.	..do.	31 50
14973	..do.	Fred Hawkins.	..do.	20 77
14974	..do.	C. P. Moore.	..do.	40 78
14975	..do.	Edward Brown.	..do.	45 00
14976	..do.	L. S. Baldwin.	..do.	41 40
14977	..do.	M. C. Weaver.	..do.	63 00
14978	..do.	G. C. Ambrose.	..do.	42 00
14979	..do.	J. E. Shipley.	..do.	23 00
14980	..do.	B. L. Morehouse.	..do.	85 00
14981	..do.	R. Pergande.	..do.	85 00
14982	..do.	P. S. Nelson.	..do.	39 60
14983	..do.	Etta Perry.	..do.	30 80
14984	..do.	L. W. Porterfield.	Atlas.	10 00
14985	..do.	W. H. Clark.	Wages, March, 1913.	94 00
14986	..do.	Martin Sandwell.	..do.	49 20
14987	..do.	M. C. Booher.	..do.	70 80
14988	..do.	R. L. Keeley.	..do.	40 20
14989	..do.	W. F. Conway.	Butter.	1 54
14990	..do.	Emil Funk.	..do.	1 32
14991	..do.	H. E. Siegman.	..do.	20 40
14992	..do.	Litchfield Creamery Co.	..do.	6 91
14993	..do.	Monmouth Creamery Co.	..do.	9 90
14994	..do.	John Coleman.	..do.	3 05
14995	..do.	W. R. Olinger.	..do.	2 95
14996	..do.	M. E. Simonsen.	..do.	10 05
14997	..do.	Geo. J. Deardorf.	..do.	6 80
14998	..do.	P. J. Peterson.	..do.	7 14
14999	..do.	M. H. Anderson.	..do.	8 08
15000	..do.	F. J. Weddige.	..do.	7 75
15001	..do.	D. A. Abrams.	Salary, March, 1913.	133 33
15002	..do.	C. C. Adams.	..do.	137 50
15003	..do.	R. M. Alden.	..do.	333 33
15004	..do.	C. W. Alvord.	..do.	145 83
15005	..do.	W. C. Allee.	..do.	120 00
15006	..do.	C. H. Allen.	..do.	30 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
15007	Mar. 31	L. F. Anderson.....	Salary March, 1913.....	\$208 33
15008	do.....	S. O. Andros.....	do.....	150 00
15009	do.....	Irene M. Ashley.....	do.....	30 00
15010	do.....	Ruth S. Atwell.....	do.....	60 00
15011	do.....	G. D. Bagley.....	Scholarship, March, 1913.....	25 00
15012	do.....	W. C. Bagley.....	Salary, March, 1913.....	291 66
15013	do.....	Margaret L. Bailey.....	Fellowship, March, 1913.....	50 00
15014	do.....	W. H. Bair.....	Salary, March, 1913.....	50 00
15015	do.....	L. O. Baker.....	do.....	333 33
15016	do.....	R. E. Baker.....	do.....	30 00
15017	do.....	E. C. Baldwin.....	do.....	150 00
15018	do.....	C. W. Balke.....	do.....	183 33
15019	do.....	Patsy Barger.....	do.....	30 00
15020	do.....	Bronson Barlow.....	do.....	50 00
15021	do.....	J. T. Barrett.....	do.....	58 33
15022	do.....	H. H. Bartels.....	do.....	50 00
15023	do.....	P. S. Barto.....	do.....	100 00
15024	do.....	H. J. Barton.....	do.....	250 00
15025	do.....	Edward Bartow.....	do.....	291 66
15026	do.....	S. J. Bates.....	do.....	100 00
15027	do.....	W. S. Bayley.....	do.....	187 50
15028	do.....	G. D. Beal.....	do.....	120 00
15029	do.....	J. H. Beard.....	do.....	120 00
15030	do.....	J. B. Beck.....	do.....	166 66
15031	do.....	Robert Back.....	do.....	75 00
15032	do.....	J. E. Bell.....	do.....	60 00
15033	do.....	B. W. Benedict.....	do.....	291 66
15034	do.....	Madison Bentley.....	do.....	250 00
15035	do.....	E. J. Berg.....	do.....	333 33
15036	do.....	D. S. Blondheim.....	do.....	100 00
15037	do.....	Leonard Bloomfield.....	do.....	116 66
15038	do.....	B. H. Bode.....	do.....	120 00
15039	do.....	E. L. Bogart.....	do.....	250 00
15040	do.....	G. P. Boonshtet.....	do.....	250 00
15041	do.....	Ethel Bond.....	do.....	130 00
15042	do.....	R. L. Borer.....	do.....	83 33
15043	do.....	C. V. Boyer.....	do.....	125 00
15044	do.....	R. O. Brigham.....	do.....	120 00
15045	do.....	Alice D. Brooks.....	do.....	60 00
15046	do.....	Morgan Brooks.....	do.....	30 00
15047	do.....	N. C. Brooks.....	do.....	250 00
15048	do.....	Verna Brooks.....	do.....	200 00
15049	do.....	F. F. Brown.....	do.....	80 00
15050	do.....	Elizabeth P. Brush.....	do.....	20 00
15051	do.....	J. M. Bryant.....	do.....	80 00
15052	do.....	W. A. Buchen.....	do.....	183 33
15053	do.....	A. M. Buck.....	do.....	110 00
15054	do.....	S. J. Buck.....	do.....	150 00
15055	do.....	W. E. Burge.....	do.....	116 66
15056	do.....	L. V. Burton.....	do.....	166 66
15057	do.....	S. C. Burton.....	do.....	30 00
15058	do.....	H. V. Carter.....	do.....	120 00
15059	do.....	A. P. Carman.....	do.....	166 66
15061	do.....	D. H. Carraban.....	do.....	333 33
15062	do.....	F. W. Carpenter.....	do.....	333 33
15063	do.....	G. E. Carcullen.....	do.....	208 33
15064	do.....	H. Y. Carson.....	do.....	166 66
15065	do.....	Roy Carter.....	do.....	75 00
15066	do.....	A. K. Chittenden.....	do.....	125 00
15067	do.....	E. W. Chittenden.....	do.....	100 00
15068	do.....	O. R. Clark.....	do.....	229 16
15069	do.....	K. A. Clark.....	do.....	120 00
15070	do.....	L. D. Coffman.....	do.....	166 66
15071	do.....	Alexander Cohn.....	do.....	416 66
15072	do.....	A. C. Cole.....	do.....	250 00
15073	do.....	A. C. Cole.....	do.....	10 00
15074	do.....	A. F. Comstock.....	do.....	130 00
15075	do.....	H. F. Corson.....	do.....	90 00
15076	do.....	F. K. Cowley.....	do.....	180 00
15077	do.....	Jennie A. Craig.....	do.....	100 00
15078	do.....	A. R. Crathorne.....	do.....	75 00
15079	do.....	H. L. Creek.....	do.....	141 66
15080	do.....	W. E. Cummins.....	do.....	120 00
15081	do.....	Florence R. Curtis.....	do.....	15 00
15082	do.....	A. H. Daniels.....	do.....	110 00
15083	do.....	.....	do.....	300 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
15084	Mar. 31	Juanita E. Darrah	Salary, March, 1913.	\$ 10 00
15085	do.	Lloyd Davis	do.	30 00
15086	do.	R. E. Davis	do.	100 00
15087	do.	B. S. Davisson	do.	50 00
15088	do.	E. H. Decker	do.	250 00
15089	do.	J. A. Dent	do.	150 00
15090	do.	W. W. Denton	do.	120 00
15091	do.	C. G. Derick	do.	141 66
15092	do.	E. R. Dewsnup	do.	250 00
15093	do.	J. K. Ditchy	do.	80 00
15094	do.	W. F. Dodd	do.	166 66
15095	do.	D. K. Dodge	do.	250 00
15096	do.	A. B. Domonoske	do.	140 00
15097	do.	G. W. Dowrie	do.	90 00
15098	do.	F. K. W. Drury	do.	166 66
15099	do.	F. O. Dufour	do.	166 66
15100	do.	J. C. Duncan	do.	229 16
15101	do.	J. M. Duncan	do.	90 00
15102	do.	R. S. Dunham	do.	10 00
15103	do.	Fannie Dunlap	do.	55 00
15104	do.	H. H. Dunn	do.	91 66
15105	do.	R. A. Dutcher	do.	60 00
15106	do.	H. S. Eames	do.	130 00
15107	do.	E. T. Ebersol	do.	30 00
15108	do.	W. E. Eells	Fellowship, March, 1913.	50 00
15109	do.	W. E. Ekblaw	Salary, March, 1913.	60 00
15110	do.	Frederick Ellis	do.	150 00
15111	do.	Arnold Emch	do.	166 66
15112	do.	M. L. Enger	do.	166 66
15113	do.	E. W. Engle	do.	30 00
15114	do.	N. E. Ensign	do.	120 00
15115	do.	L. B. Ermeling	do.	20 00
15116	do.	L. T. Fairhall	do.	30 00
15117	do.	J. A. Fairlee	do.	250 00
15118	do.	R. N. Fargo	do.	50 00
15119	do.	S. P. Farwell	do.	140 00
15120	do.	E. C. Faust	do.	60 00
15121	do.	Mary E. Fawcett	do.	166 66
15122	do.	Winifred Fehrenkamp	do.	70 00
15123	do.	Emma Felsenthal	do.	75 00
15124	do.	H. F. Ferguson	do.	60 00
15125	do.	E. E. Fiero	do.	45 00
15126	do.	E. J. Filbey	do.	166 66
15127	do.	I. W. Fisk	do.	120 00
15128	do.	J. D. Fitzgerald	do.	208 33
15129	do.	E. B. Flanigan	do.	80 00
15130	do.	F. L. Fleener	do.	40 00
15131	do.	V. R. Fleming	do.	125 00
15132	do.	C. H. Fletcher	do.	15 00
15133	do.	G. T. Flom	do.	208 33
15134	do.	J. W. Folsom	do.	166 66
15135	do.	S. A. Forbes	do.	41 66
15136	do.	G. S. Ford	do.	250 00
15137	do.	G. E. Frazer	do.	300 00
15138	do.	J. A. Frisk	do.	91 66
15139	do.	Edward Fulton	do.	175 00
15140	do.	J. W. Garner	do.	250 00
15141	do.	N. B. Garver	do.	150 00
15142	do.	Rosa Lee Gaut	do.	35 00
15143	do.	W. S. Gentry, Jr	do.	100 00
15144	do.	H. L. Gill	do.	200 00
15145	do.	C. E. Gillett	do.	30 00
15146	do.	Hugh Glasgow	do.	60 00
15147	do.	E. A. Glenz	do.	10 00
15148	do.	H. F. Godeke	do.	120 00
15149	do.	Julius Goebel	do.	270 83
15150	do.	H. F. Gonnerman	do.	120 00
15151	do.	G. A. Goodenough	do.	250 00
15152	do.	T. G. Goodwin	do.	90 00
15153	do.	W. F. M. Goss	do.	500 00
15154	do.	P. S. Goulding	do.	133 33
15155	do.	Bessie R. Green	do.	60 00
15156	do.	Frederick Green	do.	291 66
15157	do.	E. B. Greene	do.	375 00
15158	do.	D. R. Grigg	do.	15 00
15159	do.	T. H. Guild	do.	125 00
15160	do.	J. E. Gutberlet	do.	60 00
15151	do.	Alta Gwinn	do.	80 00
15162	do.	G. C. Habermeyer	do.	141 66

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
15163	Mar. 31	H. F. Hadley	Fellowship, March, 1913	\$ 50 00
15164	do.	Stella M. Hague	Salary, March, 1913	80 00
15163	do.	H. G. Hake	do.	120 00
15166	do.	W. G. Hale	do.	250 00
15167	do.	R. G. Hall	do.	30 00
15168	do.	L. G. Hana	do.	170 00
15169	do.	Paul Hansen	do.	250 00
15170	do.	Sada Harbarger	do.	90 00
15171	do.	A. A. Harding	do.	150 00
15172	do.	O. A. Harker	do.	333 33
15173	do.	E. C. Hayes	do.	233 33
15174	do.	C. M. Hebbert	do.	60 00
15175	do.	G. W. Heitkamp	do.	40 00
15176	do.	F. E. Held	do.	50 00
15177	do.	W. S. Hendrix	do.	85 00
15178	do.	Margaret Herdman	do.	75 00
15179	do.	R. W. Hess	do.	30 00
15180	do.	C. K. Hewes	do.	50 00
15181	do.	F. E. Hill	do.	80 00
15182	do.	Ralph Hilscher	do.	100 00
15183	do.	M. E. Hinds	do.	60 00
15184	do.	Wilhelm Hirschkind	do.	80 00
15185	do.	Jacob Hodnefield	do.	100 00
15186	do.	H. C. Hohman	do.	20 00
15187	do.	M. A. Hollinshead	do.	40 00
15188	do.	H. A. Hollister	do.	229 16
15189	do.	E. E. Hollman	do.	60 00
15190	do.	B. R. Honovski	do.	60 00
15191	do.	B. S. Hopkins	do.	120 00
15192	do.	J. W. Hornbeck	do.	100 00
15193	do.	C. R. Horrell	do.	20 00
15194	do.	C. F. Hottes	do.	208 33
15195	do.	H. A. Houston	Fellowship, March, 1913	50 00
15196	do.	J. E. Huber	Scholarship, March, 1913	25 00
15197	do.	H. L. Huenink	Salary, March, 1913	50 00
15198	do.	G. A. Huff	do.	250 00
15199	do.	R. K. Hursh	do.	100 00
15200	do.	Margaret Hutchins	do.	75 00
15201	do.	E. J. James	do.	1,000 00
15202	do.	L. V. James	do.	130 00
15203	do.	C. E. Janvrin	do.	37 50
15204	do.	Alice Johnson	do.	70 00
15208	do.	McElroy Johnston	do.	170 00
15206	do.	H. S. V. Jones	do.	150 00
15207	do.	Isabel Jones	do.	110 00
15208	do.	L. T. Jones	do.	85 00
15209	do.	Ralph Jones	do.	90 00
15210	do.	R. C. Jones	do.	160 00
15211	do.	R. T. Jones	do.	140 00
15212	do.	H. H. Jordan	do.	100 00
15213	do.	J. C. Jordan	do.	100 00
15214	do.	Emma R. Jutton	do.	100 00
15215	do.	J. B. Kaiser	do.	100 00
15216	do.	Oliver Kamm	do.	60 00
15217	do.	Eleanor G. Karsten	do.	100 00
15218	do.	C. F. Kelley	do.	130 00
15219	do.	J. M. Kellog	do.	140 00
15220	do.	Ruth Kelso	do.	80 00
15221	do.	A. J. Kempner	do.	130 00
15222	do.	R. E. Kennedy	do.	110 00
15223	do.	Ernst Kessler	do.	60 00
15224	do.	V. A. Ketcham	do.	150 00
15225	do.	Arthur Kiernan	do.	60 00
15226	do.	A. H. Kimball	do.	140 00
15227	do.	S. F. Kimball	do.	120 00
15228	do.	Margaret L. Kingsbury	do.	75 00
15229	do.	David Kinley	do.	500 00
15230	do.	Florence M. Kirkup	do.	100 00
15231	do.	C. T. Knipp	do.	208 33
15232	do.	J. F. Kohout	do.	10 00
15233	do.	A. H. Koller	do.	100 00
15234	do.	A. P. Kratz	do.	100 00
15235	do.	E. V. Kratz	Scholarship, March, 1913	25 00
15236	do.	A. C. Krey	Salary, March, 1913	140 00
15237	do.	Jakob Kunz	do.	208 33
15238	do.	Martha J. Kyle	do.	120 00
15239	do.	E. M. R. Lamkey	do.	60 00
15240	do.	E. J. Lake	do.	150 00
15241	do.	Marion C. Landee	do.	90 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
15242	Mar. 31	W. F. Langelier.....	Salary, March, 1913.....	\$100 00
15243	..do....	E. T. Lanham.....	..do.....	105 00
15244	..do....	L. M. Larson.....	..do.....	216 66
15245	..do....	H. H. Lauer.....	..do.....	150 00
15246	..do....	T. E. Laying.....	..do.....	30 00
15247	..do....	Eugene Leslie.....	..do.....	30 00
15248	..do....	O. E. Lessing.....	..do.....	233 33
15249	..do....	O. A. Leutwiler.....	..do.....	200 00
15250	..do....	I. H. Lillehei.....	..do.....	90 00
15251	..do....	F. C. Lincoln.....	..do.....	166 66
15252	..do....	R. H. Linkins.....	..do.....	30 00
15253	..do....	C. M. Linsley.....	..do.....	21 66
15254	..do....	Simon Litman.....	..do.....	183 33
15255	..do....	F. C. Loring.....	..do.....	120 00
15256	..do....	C. A. Ludwig.....	..do.....	30 00
15257	..do....	H. T. Lundquist.....	..do.....	50 00
15258	..do....	E. B. Lytle.....	..do.....	133 33
15259	..do....	Ellen S. McCarthy.....	..do.....	120 00
15260	..do....	Lois D. McCobb.....	..do.....	90 00
15261	..do....	A. B. McDaniel.....	..do.....	208 33
15262	..do....	Rudolph McDermet.....	Fellowship, March, 1913.....	50 00
15263	..do....	D. F. McFarland.....	Salary, March, 1913.....	150 00
15264	..do....	C. G. MacArthur.....	..do.....	150 00
15265	..do....	Wallace Macfarlane.....	Fellowship, March, 1913.....	30 00
15266	..do....	A. D. MacGillivray.....	Salary, March, 1913.....	208 33
15267	..do....	D. A. MacInnis.....	..do.....	120 00
15268	..do....	A. H. McLean.....	..do.....	80 00
15269	..do....	C. W. Malcolm.....	..do.....	150 00
15270	..do....	G. A. Maney.....	Fellowship, March, 1913.....	50 00
15271	..do....	E. J. Manley.....	Salary, March, 1913.....	77 77
15272	..do....	Frederick M. Mann.....	..do.....	333 33
15273	..do....	F. W. Marquis.....	..do.....	150 00
15274	..do....	O. R. Martin.....	..do.....	110 00
15275	..do....	M. S. Mason.....	Fellowship, March, 1913.....	50 00
15276	..do....	J. M. Mathews.....	Salary, March, 1913.....	133 33
15277	..do....	G. H. Meyer.....	..do.....	208 33
15278	..do....	E. B. Millard.....	..do.....	60 00
15279	..do....	F. H. Millard.....	..do.....	110 00
15280	..do....	G. A. Miller.....	..do.....	250 00
15281	..do....	H. W. Miller.....	..do.....	150 00
15282	..do....	R. N. Miller.....	..do.....	35 00
15283	..do....	W. S. Miller.....	..do.....	125 00
15284	..do....	C. H. Mills.....	..do.....	208 33
15285	..do....	Brainerd Mitchell, Jr.....	..do.....	130 00
15286	..do....	Margaret Mitchell.....	..do.....	8 00
15287	..do....	F. W. Mohlman.....	..do.....	60 00
15288	..do....	H. C. Moore.....	..do.....	20 00
15289	..do....	H. F. Moore.....	..do.....	208 33
15290	..do....	O. H. Moore.....	..do.....	110 00
15291	..do....	Ruby Moore.....	..do.....	20 00
15292	..do....	E. W. Morphy.....	..do.....	120 00
15293	..do....	B. C. Morse.....	..do.....	48 00
15294	..do....	W. E. Mosher.....	Fellowship, March, 1913.....	50 00
15295	..do....	C. M. Moss.....	Salary, March, 1913.....	250 00
15296	..do....	Gertrude Moulton.....	..do.....	116 66
15297	..do....	C. F. Nelson.....	..do.....	100 00
15298	..do....	W. S. Nelson.....	..do.....	30 00
15299	..do....	Allan Nevina.....	..do.....	80 00
15300	..do....	C. R. Newell.....	..do.....	85 00
15301	..do....	C. E. Noerenberg.....	..do.....	140 00
15302	..do....	W. A. Noyes.....	..do.....	333 33
15303	..do....	W. A. Oldfather.....	..do.....	229 16
15304	..do....	H. L. Olin.....	..do.....	50 00
15305	..do....	T. E. Oliver.....	..do.....	208 33
15306	..do....	A. W. Owens.....	..do.....	30 00
15307	..do....	E. B. Paine.....	..do.....	208 33
15308	..do....	L. G. Painter.....	..do.....	120 00
15309	..do....	Rosalie M. Parr.....	..do.....	80 00
15310	..do....	S. W. Parr.....	..do.....	291 66
15311	..do....	Adah Patton.....	..do.....	83 33
15312	..do....	H. G. Paul.....	..do.....	166 66
15313	..do....	A. S. Pease.....	..do.....	208 33
15314	..do....	J. C. Pendleton.....	..do.....	85 00
15315	..do....	Alvah Peterson.....	..do.....	60 00
15316	..do....	G. W. Pickels.....	..do.....	130 00
15317	..do....	J. N. Pomeroy.....	..do.....	183 33
15318	..do....	C. M. Poor.....	..do.....	130 00
15319	..do....	F. M. Porter.....	..do.....	130 00
15320	..do....	R. S. Potter.....	..do.....	50 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
15321	1913. Mar. 31	Anton Prasil	Salary, March, 1913	\$ 10 00
15322	..do..	A. L. Prickett	..do..	43 33
15323	..do..	D. C. Prince	Scholarship, March, 1913	25 00
15324	..do..	B. S. Radcliffe	Salary, March, 1913	80 00
15325	..do..	G. H. Radebaugh	..do..	90 00
15326	..do..	Otto Rehn	..do..	166 66
15327	..do..	O. A. Randolph	..do..	80 00
15328	..do..	W. H. Rayner	..do..	110 00
15329	..do..	J. W. Read	..do..	50 00
15330	..do..	P. J. Rebman	..do..	80 00
15331	..do..	E. J. Reece	..do..	150 00
15332	..do..	F. W. Reed	..do..	140 00
15333	..do..	P. T. Reiff	..do..	50 00
15334	..do..	E. A. Rich	..do..	40 00
15335	..do..	J. L. Rich	..do..	150 00
15336	..do..	C. R. Richards	..do..	333 33
15337	..do..	N. C. Ricker	..do..	291 66
15338	..do..	H. L. Rietz	..do..	150 00
15339	..do..	W. S. Robertson	..do..	166 66
15340	..do..	M. H. Robinson	..do..	250 00
15341	..do..	C. W. Rolfe	..do..	250 00
15342	..do..	S. A. Rowland	..do..	60 00
15343	..do..	H. O. Rugg	..do..	120 00
15344	..do..	George Rutledge	..do..	60 00
15345	..do..	L. R. Saret	..do..	80 00
15346	..do..	T. E. Savage	..do..	166 66
15347	..do..	Olive F. Saxton	..do..	83 33
15348	..do..	S. H. Scherfee	..do..	30 00
15349	..do..	E. C. Schmidt	..do..	291 66
15350	..do..	H. F. Schneider	..do..	30 00
15351	..do..	Clarence School	..do..	10 00
15352	..do..	W. S. Schulz	..do..	166 66
15353	..do..	G. F. Schwartz	..do..	158 33
15354	..do..	F. W. Scott	..do..	183 33
15355	..do..	D. L. Scroggin	..do..	120 00
15356	..do..	G. W. Sears	..do..	60 00
15357	..do..	F. B. Seeley	..do..	140 00
15358	..do..	R. S. Seese	Scholarship, March, 1913	25 00
15359	..do..	N. C. Seidenberg	Salary, March, 1913	15 00
15360	..do..	A. R. Seymour	..do..	166 66
15361	..do..	J. B. Shaw	..do..	137 50
15362	..do..	Queen L. Shepherd	..do..	80 00
15363	..do..	S. P. Herman	..do..	266 66
15364	..do..	G. A. Shook	..do..	100 00
15365	..do..	C. W. Sievert	..do..	10 00
15366	..do..	S. L. Simmering	Fellowship, March, 1913	30 00
15367	..do..	Frances Simpson	Salary, March, 1913	166 66
15368	..do..	G. E. Simpson	..do..	10 00
15369	..do..	C. H. Sisam	..do..	158 33
15370	..do..	W. A. Slater	..do..	125 00
15371	..do..	Adelle C. Smith	..do..	60 00
15372	..do..	Constance B. Smith	..do..	160 00
15373	..do..	G. M. Smith	..do..	133 33
15374	..do..	Frank Smith	..do..	208 33
15375	..do..	J. E. Smith	..do..	125 00
15376	..do..	O. H. Smith	..do..	95 00
15377	..do..	J. M. Snodgrass	..do..	175 00
15378	..do..	E. R. Spencer	..do..	50 00
15379	..do..	O. O. Stanley	..do..	70 00
15380	..do..	Joel Stebbins	..do..	104 16
15381	..do..	Sabra Stevens	..do..	55 00
15382	..do..	R. K. Steward	..do..	130 00
15383	..do..	C. L. Stewart	..do..	50 00
15384	..do..	H. H. Stoeck	..do..	333 33
15385	..do..	J. W. Stokes	Fellowship, March, 1913	50 00
15386	..do..	E. B. Stouffer	Salary, March, 1913	130 00
15387	..do..	E. K. Strachan	..do..	100 00
15388	..do..	Lillian Strong	..do..	50 00
15389	..do..	E. T. Strong	..do..	95 00
15390	..do..	W. G. Stromquist	..do..	100 00
15391	..do..	R. T. Stull	..do..	200 00
15392	..do..	Horace Stunkard	..do..	30 00
15393	..do..	Emerson Sutcliffe	..do..	80 00
15394	..do..	A. W. Sutherland	..do..	150 00
15395	..do..	A. N. Talbot	..do..	333 33
15396	..do..	F. W. Tanner	..do..	60 00
15397	..do..	S. C. Taylor	..do..	25 00
15398	..do..	W. H. Taylor	..do..	60 00
15399	..do..	H. R. Thomas	Fellowship, March, 1913	50 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
15400	Mar. 31	C. M. Thompson.....	Salary, March, 1913.....	\$ 90 00
15401	do.	D. G. Thompson.....	do.	40 00
15402	do.	J. G. Thompson.....	do.	160 00
15403	do.	Lambert Thorp.....	do.	100 00
15404	do.	A. J. Tjele.....	do.	105 00
15405	do.	A. J. Todd.....	do.	104 16
15406	do.	E. J. Townsend.....	do.	333 33
15407	do.	L. L. Townsend.....	do.	100 00
15408	do.	Edna A. Treat.....	do.	90 00
15409	do.	H. D. Valentine.....	do.	10 00
15410	do.	H. J. Van Cleave.....	do.	60 00
15411	do.	H. J. Van den Berg.....	do.	180 00
15412	do.	G. J. Van Zoeren.....	do.	30 00
15413	do.	J. N. Vedder.....	do.	110 00
15414	do.	C. G. Vernier.....	do.	291 66
15415	do.	E. H. Waldo.....	do.	166 66
15416	do.	H. B. Ward.....	do.	333 33
15417	do.	E. H. Warner.....	do.	50 00
15418	do.	A. R. Warnock.....	do.	125 00
15419	do.	E. W. Washburn.....	do.	183 33
15420	do.	F. R. Watson.....	do.	200 00
15421	do.	H. C. P. Weber.....	do.	150 00
15422	do.	N. A. Wells.....	do.	208 33
15423	do.	N. A. Weston.....	do.	229 16
15424	do.	Mary M. Wetmore.....	do.	125 00
15425	do.	J. M. White.....	do.	333 33
15426	do.	J. H. Whitten.....	do.	60 00
15427	do.	E. A. Wildman.....	do.	30 00
15428	do.	C. C. Wiley.....	do.	150 00
15429	do.	C. A. Williams.....	do.	120 00
15430	do.	E. H. Williams.....	do.	125 00
15431	do.	Mary E. Williams.....	do.	85 00
15432	do.	F. G. Willson.....	do.	160 00
15433	do.	P. L. Windsor.....	do.	250 00
15434	do.	R. M. Winger.....	do.	120 00
15435	do.	W. J. Wohlenberg.....	Fellowship, March, 1913.....	50 00
15436	do.	P. S. Woodward.....	Salary, March, 1913.....	35 00
15437	do.	I. M. Wormser.....	do.	183 33
15438	do.	A. B. Wright.....	do.	50 00
15439	do.	Ola M. Wyeth.....	do.	75 00
15440	do.	T. D. Yensen.....	do.	150 00
15441	do.	Jacob Zeitlin.....	do.	125 00
15442	do.	Charles Zeleny.....	do.	208 33
15443	do.	H. F. Zoller.....	do.	35 00
15444	do.	J. E. Ackert.....	Fellowship, March, 1913.....	35 00
15445	do.	F. H. Adler.....	do.	35 00
15446	do.	Josephine E. Burns.....	do.	35 00
15447	do.	Margaret V. Cobb.....	do.	30 00
15448	do.	Edna L. Forrey.....	do.	35 00
15449	do.	D. L. Geyer.....	do.	35 00
15450	do.	J. W. Good.....	do.	40 00
15451	do.	E. O. Heuse.....	do.	30 00
15452	do.	E. A. T. Kircher.....	do.	30 00
15453	do.	P. A. Lehenbauer.....	do.	30 00
15454	do.	H. H. McGregor.....	do.	30 00
15455	do.	I. C. Mathewson.....	do.	30 00
15456	do.	L. F. Nickell.....	do.	40 00
15457	do.	A. W. Orcutt.....	do.	35 00
15458	do.	A. F. Peine.....	do.	30 00
15459	do.	C. F. C. Riley.....	do.	35 00
15460	do.	Clarissa Rinaker.....	do.	35 00
15461	do.	Irma E. Voigt.....	do.	30 00
15462	do.	P. S. Welch.....	do.	35 00
15463	do.	G. Y. Williams.....	do.	35 00
15464	do.	R. W. Brown.....	Scholarship, March, 1913.....	25 00
15465	do.	D. M. Brumfiel.....	do.	25 00
15466	do.	T. E. Clark.....	do.	25 00
15467	do.	J. L. Conel.....	do.	25 00
15468	do.	S. H. Cox.....	do.	25 00
15469	do.	E. S. Dowell.....	do.	25 00
15470	do.	D. T. Englis.....	do.	25 00
15471	do.	Ola M. J. Eskelson.....	do.	25 00
15472	do.	S. E. Fauquher.....	do.	25 00
15473	do.	S. B. Fracker.....	do.	25 00
15474	do.	Byne F. Goodman.....	do.	25 00
15475	do.	Sappho C. Graham.....	do.	25 00
15476	do.	Ruby Grimes.....	do.	25 00
15477	do.	Mary A. Haan.....	do.	25 00
15478	do.	Homer Hall.....	do.	25 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
15479	Mar. 31	A. C. Hanford.....	Scholarship, March, 1913.....	\$ 25 00
15480	..do..	William Hill.....	..do..	25 00
15481	..do..	C. E. Holley.....	..do..	25 00
15482	..do..	Nellie N. Hornor.....	..do..	25 00
15483	..do..	J. W. Howard.....	..do..	25 00
15484	..do..	P. W. Ivey.....	..do..	25 00
15485	..do..	Gretchen Lutz.....	..do..	25 00
15486	..do..	Janet M. Maconald.....	..do..	25 00
15487	..do..	J. E. Miller.....	..do..	25 00
15488	..do..	Edna Mosher.....	..do..	25 00
15489	..do..	J. B. Nathanson.....	..do..	25 00
15490	..do..	F. G. Norbury.....	..do..	25 00
15491	..do..	R. H. Nottleman.....	..do..	25 00
15492	..do..	Cornelia R. Seawell.....	..do..	25 00
15493	..do..	Mary M. Spangler.....	..do..	25 00
15494	..do..	W. A. Swenson.....	..do..	25 00
15495	..do..	Lily B. Voegelein.....	..do..	25 00
15496	..do..	Margaret Washington.....	..do..	25 00
15497	..do..	P. Q. Wright.....	..do..	25 00
15498	..do..	A. E. Zucker.....	..do..	25 00
15499	..do..	Lilla M. Alexander.....	Salary, March, 1913.....	60 00
15500	..do..	W. E. Alley.....	..do..	85 00
15501	..do..	Winifred L. Amos.....	..do..	65 00
15502	..do..	Ethel Ash.....	..do..	60 00
15503	..do..	C. E. Atkinson.....	..do..	141 66
15504	..do..	Mary L. Blackwell.....	..do..	50 00
15505	..do..	L. A. Boice.....	..do..	125 00
15506	..do..	Tabitha J. Broadhurst.....	..do..	75 00
15507	..do..	Ina M. Brown.....	..do..	60 00
15508	..do..	Sarah Bryan.....	..do..	65 00
15509	..do..	Miles Clements.....	..do..	45 83
15510	..do..	Agnes M. Cole.....	..do..	75 00
15511	..do..	C. C. Crawford.....	..do..	60 00
15512	..do..	H. E. Cunningham.....	..do..	150 00
15513	..do..	C. E. Dalton.....	..do..	45 00
15514	..do..	Edith Emigh.....	..do..	65 00
15515	..do..	R. I. Fieg.....	..do..	50 00
15516	..do..	Frances M. Feind.....	..do..	75 00
15517	..do..	Viola Fraser.....	..do..	55 00
15518	..do..	Frances G. Garwood.....	..do..	43 33
15519	..do..	Antoinette Goetz.....	..do..	65 00
15520	..do..	Elizabeth Good.....	..do..	40 00
15521	..do..	Mabel F. Griffith.....	..do..	60 00
15522	..do..	Carmen Harnack.....	..do..	55 00
15523	..do..	Eliza Hart.....	..do..	35 00
15524	..do..	C. H. Havens.....	..do..	120 00
15525	..do..	N. Hay.....	..do..	166 66
15526	..do..	Myrtle E. Heater.....	..do..	55 00
15527	..do..	Fred Hooker.....	..do..	45 83
15528	..do..	Josie B. Houchens.....	..do..	75 00
15529	..do..	A. H. Hull.....	..do..	65 00
15530	..do..	Katie L. Humrichouse.....	..do..	50 00
15531	..do..	Marie Jester.....	..do..	45 00
15532	..do..	Gertrude Johnson.....	..do..	55 00
15533	..do..	J. J. Johnson.....	..do..	45 00
15534	..do..	Gertrude Keech.....	..do..	30 00
15535	..do..	J. H. Kelley.....	..do..	166 66
15536	..do..	Nora Kirwan.....	..do..	41 66
15537	..do..	Aurella Knapp.....	..do..	65 00
15538	..do..	L. E. Knorr.....	..do..	140 00
15539	..do..	Allie Lamb.....	..do..	45 00
15540	..do..	A. R. Lee.....	..do..	91 66
15541	..do..	Louise A. Lietz.....	..do..	35 00
15542	..do..	Stella Lund.....	..do..	55 00
15543	..do..	C. M. McConn.....	..do..	233 33
15544	..do..	Agnes McGurty.....	..do..	83 33
15545	..do..	Jane McMullin.....	..do..	40 00
15546	..do..	L. Mae Manspeaker.....	..do..	83 33
15547	..do..	Maude E. Meneley.....	..do..	50 00
15548	..do..	C. F. Miller.....	..do..	75 00
15549	..do..	Lloyd Morey.....	..do..	85 00
15550	..do..	J. A. Morrow.....	..do..	166 66
15551	..do..	M. W. Murphey.....	..do..	110 00
15552	..do..	Catherine S. Oaks.....	..do..	65 00
15553	..do..	H. D. Oberdorfer.....	..do..	166 66
15554	..do..	Elizabeth C. Peel.....	..do..	75 00
15555	..do..	Thomas Peel.....	..do..	55 00
15556	..do..	Elizabeth Pfeffer.....	..do..	50 00
15557	..do..	F. W. Post.....	..do..	75 00



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
15558	Mar. 31	Harriet L. Postlewait.....	Salary, March, 1913.....	\$ 50 00
15559	do.	Myrtle A. Renz.....	do.	65 00
15560	do.	Clara A. Rickets.....	do.	60 00
15561	do.	Nellie M. Robertson.....	do.	55 00
15562	do.	Anna L. Shepard.....	do.	91 66
15563	do.	Bertha Sharp.....	do.	55 00
15564	do.	T. J. Showers.....	do.	125 00
15565	do.	Sara M. Slater.....	do.	55 00
15566	do.	Bertram Smith.....	do.	70 00
15567	do.	I. M. Smith.....	do.	108 33
15568	do.	Jessie A. Smith.....	do.	100 00
15569	do.	Mayme L. Smith.....	do.	65 00
15570	do.	O. E. Staples.....	do.	150 00
15571	do.	Alfred Steitz.....	do.	75 00
15572	do.	Sigurd Strom.....	do.	85 00
15573	do.	M. E. Thompson.....	do.	85 00
15574	do.	Mary Torrance.....	do.	55 00
15575	do.	L. T. Towne.....	do.	150 00
15576	do.	G. P. Tuttle.....	do.	91 66
15577	do.	Josephine Tyrrell.....	do.	45 00
15578	do.	Lida E. Voight.....	do.	83 33
15579	do.	Lida E. White.....	do.	50 00
15580	do.	B. L. Winchester.....	do.	48 00
15581	do.	Alice L. Wing.....	do.	75 00
15582	do.	H. T. Wyninger.....	do.	52 50
15583	do.	E. E. Hoskins.....	do.	150 00
15584	do.	C. G. Hopkins.....	do.	416 66
15585	do.	S. V. Holf.....	do.	150 00
15586	do.	N. W. Hepburn.....	do.	175 00
15587	do.	Leonard Hegnauer.....	do.	250 00
15588	do.	W. F. Handschin.....	do.	150 00
15589	do.	L. D. Hall.....	do.	225 00
15590	do.	F. W. Muncie.....	do.	83 33
15591	do.	H. W. Mumford.....	do.	416 66
15592	do.	J. G. Mosier.....	do.	266 66
15593	do.	H. H. Mitchell.....	do.	125 00
15594	do.	Wilhelm Miller.....	do.	250 00
15595	do.	D. McIntosh.....	do.	208 33
15596	do.	C. C. Logan.....	do.	150 00
15597	do.	J. W. Lloyd.....	do.	266 66
15598	do.	W. R. Leighty.....	do.	100 00
15599	do.	L. R. Lang.....	do.	133 33
15600	do.	O. A. Keller.....	do.	83 33
15601	do.	Oran Keller.....	do.	70 00
15602	do.	W. E. Joseph.....	do.	125 00
15603	do.	M. E. Jahr.....	do.	120 00
15604	do.	James Hutchinson.....	do.	100 00
15605	do.	R. S. Hulce.....	do.	100 00
15606	do.	G. L. Peltier.....	do.	83 33
15607	do.	H. W. Peaslee.....	do.	200 00
15608	do.	F. A. Pearson.....	do.	75 00
15609	do.	Maud Parsons.....	do.	100 00
15610	do.	H. N. Parker.....	do.	200 00
15611	do.	J. B. Park.....	do.	150 00
15612	do.	A. W. Nolan.....	do.	200 00
15613	do.	Gertrude Neiderman.....	do.	100 00
15614	do.	A. H. Nehrling.....	do.	125 00
15615	do.	H. P. Rusk.....	do.	175 00
15616	do.	H. A. Ruche.....	do.	116 66
15617	do.	R. R. Root.....	do.	166 66
15618	do.	Harriett Rinaker.....	do.	125 00
15619	do.	C. O. Reed.....	do.	120 00
15620	do.	F. H. Rankin.....	do.	250 00
15621	do.	B. E. Powell.....	do.	191 66
15622	do.	V. A. Place.....	do.	83 33
15623	do.	Helena M. Pincomb.....	do.	133 33
15624	do.	B. S. Pickett.....	do.	250 00
15625	do.	J. H. Pettit.....	do.	250 00
15626	do.	Leonore Perry.....	do.	79 16
15627	do.	L. M. Wakeley.....	do.	100 00
15628	do.	E. Van Alstine.....	do.	150 00
15629	do.	H. W. Stewart.....	do.	150 00
15630	do.	J. V. Stevenson.....	do.	41 66
15631	do.	Grace Stevens.....	do.	90 00
15632	do.	W. H. Smith.....	do.	108 33
15633	do.	L. H. Smith.....	do.	250 00
15634	do.	F. M. Simpson.....	do.	100 00
15635	do.	W. H. Sachs.....	do.	125 00
15636	do.	W. A. Ruth.....	do.	125 00

GENERAL UNIVERSITY WARRANTS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
15637	Mar. 31	Bessie E. Packard.	Salary, March, 1913	\$ 75 00
15638	do.	Florence E. Smith.	do.	65 00
15639	do.	J. J. Yoke.	do.	83 33
15640	do.	John Woodard.	do.	70 00
15641	do.	A. L. Whiting.	do.	125 00
15642	do.	J. E. Whitcomb.	do.	150 00
15643	do.	Ruth Wheeler.	do.	133 33
15644	do.	H. C. Wheeler.	do.	150 00
15645	do.	J. R. Wells.	do.	70 00
15646	do.	O. S. Watkins.	do.	83 33
15647	do.	F. M. Wascher.	do.	83 33
15648	do.	Sleeter Bull.	do.	150 00
15649	do.	R. E. Brand.	do.	416 66
15650	do.	J. C. Blair.	do.	70 00
15651	do.	L. R. Binding.	do.	250 00
15652	do.	F. C. Bauer.	do.	125 00
15653	do.	Isabel Bevier.	do.	166 66
15654	do.	D. O. Barto.	do.	150 00
15655	do.	J. P. Amner.	do.	70 00
15656	do.	Ort Alv.	do.	75 00
15657	do.	Alice V. Hamilton.	do.	166 66
15658	do.	J. L. Edmunds.	do.	125 00
15659	do.	C. E. Dust.	do.	200 00
15660	do.	H. B. Dorrer.	do.	150 00
15661	do.	L. W. Dickerson.	do.	70 00
15662	do.	R. W. Dickenson.	do.	120 00
15663	do.	Nina B. Crysler.	do.	133 33
15664	do.	W. T. Crandall.	do.	225 00
15665	do.	W. C. Coffey.	do.	41 66
15666	do.	H. C. M. Case.	do.	100 00
15667	do.	W. J. Carmichael.	do.	41 66
15668	do.	W. L. Burlison.	do.	100 00
15669	do.	A. F. Gustafson.	do.	150 00
15670	do.	A. J. Gunderson.	do.	83 33
15671	do.	H. S. Grindley.	do.	291 66
15672	do.	Cora E. Gray.	do.	110 00
15673	do.	Nellie Goldhwaile.	do.	166 66
15674	do.	Charlotte Gibbs.	do.	125 00
15675	do.	W. B. Gernert.	do.	125 00
15676	do.	F. W. Garrett.	do.	83 33
15677	do.	J. J. Gardner.	do.	100 00
15678	do.	W. J. Ganes.	do.	150 00
15679	do.	W. J. Fraser.	do.	291 66
15680	do.	L. E. Foglesong.	do.	100 00
15681	do.	Georgia Fleming.	do.	100 00
15682	do.	O. S. Fisher.	do.	166 66
15683	do.	F. A. Fisher.	do.	83 33
15684	do.	Augusta D. Evans.	do.	83 33
15685	do.	K. J. T. Eklaw.	do.	150 00
15686	do.	William Hough.	do.	83 33
15687	do.	E. H. Jenkins.	do.	83 33
15688	do.	Earl Meenach.	do.	60 00
15689	do.	James O'Brien.	do.	60 00
15690	do.	Chester Turner.	do.	50 00
15691	do.	Edwin Walworth.	do.	50 00
15692	do.	Harley For.	do.	25 00
15693	do.	I. F. Burdick.	do.	55 00
15694	do.	T. P. Crawford.	do.	75 00
15695	do.	Ethel Sharp.	do.	50 00
15696	do.	Loretto White.	do.	37 33
15697	do.	Rush Loveless.	do.	65 00
15698	do.	Lillian Pole.	do.	50 00
15699	do.	Amelia Feldkamp.	do.	50 00
15700	do.	W. W. Yapp.	do.	40 00
15701	do.	Cornelius Stocker.	do.	35 00
15702	do.	W. H. Stevens.	do.	75 00
15703	do.	Otto Schwartz.	do.	55 00
15704	do.	H. C. Lawson.	do.	60 00
15705	do.	A. F. Krieger.	do.	55 00
15706	do.	Garfield Jones.	do.	26 66
15707	do.	Earl Garver.	do.	65 00
15708	do.	M. R. Carlson.	do.	55 00
15709	do.	A. E. Burwash.	do.	55 00
15710	do.	Anna Grabornu.	do.	50 00
15711	do.	H. E. Crouch.	do.	115 00
15712	do.	Ralph Engle.	do.	28 00
15713	do.	J. F. Smith.	do.	65 00
15714	do.	Fred Pine.	do.	75 00
15715	do.	Elmer Varner.	do.	47 50

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
15716	Mar. 31, 1913.	Frank Sanders	Wages, March, 1913.	\$50 00
15717	do.	H. E. Moore	do.	50 00
15718	do.	Ben Durman	do.	46 00
15719	do.	O. G. Atkinson	do.	45 00
15720	do.	Marjorie H. Gage	do.	65 00
15721	do.	Robert Cook	do.	47 50
15722	do.	Jesse Cook	do.	55 00
15723	do.	H. A. Cate	do.	12 00
15724	do.	B. L. Bowling	do.	70 00
15725	do.	Bertina G. States	do.	50 00
15726	do.	M. Resler	do.	75 00
15727	do.	L. M. Apper	do.	20 00
15728	do.	W. W. Peters	do.	20 00
15729	do.	J. K. Tuthill	do.	12 00
15730	do.	W. A. Hooker	do.	48 60
15731	do.	D. C. Sprinkle	do.	50 00
15732	do.	A. J. Stoneburner	do.	45 00
15733	do.	J. A. Sackrison	do.	19 95
15734	do.	Sadie Jones	do.	50 00
15735	do.	Ethel Clarke	Wages, April, 1913.	40 00
15736	do.	W. L. Harry	Wages, March, 1913.	40 00
15737	do.	D. Vauble	do.	50 40
15738	do.	E. J. Willford	do.	50 40
15739	do.	K. A. McCaskill	do.	83 33
15740	do.	E. H. Walworth	do.	26 00
15741	do.	C. G. Cox	do.	16 20
15742	do.	W. M. Sheldon	do.	21 35
15743	do.	Robert Willford	do.	19 25
15744	do.	R. L. Bentley	do.	13 00
15745	do.	H. J. Snider	do.	27 90
15746	do.	R. L. Hegnauer	do.	25 00
15747	do.	Ruth Burr	do.	25 00
15748	do.	H. C. Gilkerson	do.	55 00
15749	do.	Vera Beyer	do.	20 00
15750	do.	C. F. Brown	do.	45 00
15751	do.	E. J. Brown	do.	45 00
15752	do.	Mildred E. Buckles	do.	65 00
15753	do.	C. F. Burge	do.	45 00
15754	do.	Stanley Wilkins	do.	60 00
15755	do.	Hazel Cover	do.	40 00
15756	do.	George Noe	do.	40 00
15757	do.	Olive G. Reid	do.	50 00
15758	do.	F. W. Wilson	do.	30 00
15759	do.	R. C. Glover	do.	40 00
15760	do.	Andrew Tornquist	do.	75 00
15761	do.	W. J. Engle	do.	65 00
15762	do.	L. J. Wells	do.	47 50
15763	do.	Guy Shaffer	do.	47 50
15764	do.	Lawrence Nesbitt	do.	47 75
15765	do.	Joe Mink	do.	24 00
15766	do.	Marion B. Gallaher	do.	65 00
15767	do.	Lawrence Engle	do.	45 00
15768	do.	H. F. Broyles	do.	65 00
15769	do.	H. H. Wheeler	do.	62 50
15770	do.	Freda O. Stricklan	do.	62 50
15771	do.	M. D. Rose	do.	60 00
15772	do.	Elizabeth Pulling	do.	10 00
15773	do.	Winifred McIntosh	do.	60 00
15774	do.	Mabel Haliday	do.	40 00
15775	do.	Margaret C. Ross	do.	40 00
15776	do.	Emma L. Custer	do.	75 00
15777	do.	M. J. Conley	do.	70 00
15778	do.	Lucy M. Barto	do.	20 00
15779	do.	Roy Atgo	do.	55 00
15780	do.	Elmer Roberts	do.	37 50
15781	do.	Horace Ingalls	do.	60 00
15782	do.	Mamie Bunch	do.	45 00
15783	do.	Ethel Clark	do.	40 00
15784	do.	Florence Spitzenberg	do.	25 00
15785	do.	Harrison Fairnkropf	do.	55 00
15786	do.	A. F. Heck	do.	48 00
15787	do.	C. E. Martoon	do.	48 00
15788	do.	E. E. Sandall	do.	19 00
15789	do.	Alpha Tornquist	do.	25 00
15790	do.	L. A. Hauer	do.	70 00
15791	do.	W. T. Craig	do.	83 33
15792	do.	W. L. Bennett	do.	40 00
15793	do.	P. O. Moore	do.	45 00
15794	do.	Will Patterson	do.	47 50

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
15795	Mar. 31	Marie A. Gordon.....	Wages, March, 1913.....	\$ 50 00
15796	..do..	W. S. Goodspeed.....	..do..	83 33
15797	..do..	Ethel Berein.....	..do..	22 50
15798	..do..	G. F. Paulsen.....	..do..	32 10
15799	..do..	Leola Meachum.....	..do..	21 81
15800	..do..	Geo. H. Reilly.....	..do..	71 75
15801	..do..	Burt Hayes.....	..do..	70 20
15802	..do..	Della Rogers.....	..do..	40 00
15803	..do..	L. S. Baldwin.....	..do..	13 83
15804	..do..	D. M. Avey.....	..do..	110 00
15805	..do..	T. W. Dieckmann.....	..do..	30 00
15806	..do..	H. Pritchard.....	..do..	65 00
15807	..do..	Hazel Rhoades.....	..do..	55 00
15808	..do..	R. Pritchard.....	..do..	55 00
15809	..do..	G. Donohue.....	..do..	45 00
15810	..do..	L. Donohue.....	..do..	50 00
15811	..do..	J. E. Miller.....	..do..	33 90
15812	..do..	W. W. Sheldon.....	..do..	8 80
15813	..do..	Claude Harrolle.....	..do..	30 00
15814	..do..	Pearley Cunningham.....	..do..	35 20
15815	..do..	L. J. Frizzell.....	..do..	40 00
15816	..do..	Ralph Chaplin.....	..do..	60 00
15817	..do..	James Boswell.....	..do..	25 60
15818	..do..	Andrew Boswell.....	..do..	24 95
15819	..do..	Edward Berbaum.....	..do..	65 55
15820	..do..	F. H. Kelley.....	..do..	18 40
15821	..do..	J. C. Anderson.....	..do..	65 00
15822	..do..	O. I. Ellis.....	..do..	30 00
15823	..do..	R. S. Smith.....	..do..	52 50
15824	..do..	Flora M. Sims.....	..do..	83 33
15825	..do..	Alice Reed.....	..do..	50 00
15826	..do..	John Lankford.....	..do..	60 00
15827	..do..	F. W. Gault.....	..do..	80 00
15828	..do..	C. C. Chapman.....	..do..	83 33
15829	..do..	C. A. Campbell.....	..do..	60 00
15830	..do..	Mary Millar.....	..do..	65 00
15831	..do..	W. A. McIntire.....	..do..	50 00
15832	..do..	J. R. Kelley.....	..do..	52 50
15833	..do..	Clarence Horning.....	..do..	58 50
15834	..do..	L. E. Baker.....	..do..	45 00
15835	..do..	M. E. Slater.....	..do..	25 80
15836	..do..	M. T. Lindsey.....	..do..	36 75
15837	..do..	G. C. Griffin.....	..do..	37 40
15838	..do..	Frank Wilson.....	..do..	40 00
15839	..do..	J. F. Purkins.....	..do..	50 80
15840	..do..	F. M. Perry.....	..do..	57 64
15841	..do..	Jacob Nikolaus.....	..do..	56 00
15842	..do..	J. R. Newton.....	..do..	73 71
15843	..do..	Ruthe Murphey.....	..do..	53 46
15844	..do..	Rebecca Morgan.....	..do..	38 40
15845	..do..	Uriah Moreland.....	..do..	36 00
15846	..do..	C. M. Miller.....	..do..	48 60
15847	..do..	Jesse Meyers.....	..do..	54 67
15848	..do..	A. Servis.....	..do..	58 80
15849	..do..	Ed. Richards.....	..do..	87 36
15850	..do..	William Quinn.....	..do..	61 60
15851	..do..	Frank Stateler.....	..do..	69 93
15852	..do..	Orval Snook.....	..do..	46 40
15853	..do..	William Wilde.....	..do..	90 00
15854	..do..	Ed Wharmby.....	..do..	52 80
15855	..do..	August Warmbier.....	..do..	56 54
15856	..do..	Henry Turner.....	..do..	50 20
15857	..do..	George Turner.....	..do..	46 20
15858	..do..	George Toy.....	..do..	52 60
15859	..do..	O. E. Meenach.....	..do..	63 20
15860	..do..	H. H. Mahorney.....	..do..	54 60
15861	..do..	James McCullough.....	..do..	51 20
15862	..do..	A. J. McAlister.....	..do..	65 78
15863	..do..	Thos. Long.....	..do..	75 00
15864	..do..	Rolla S. Carson.....	..do..	54 40
15865	..do..	T. O. Henderson.....	..do..	96 60
15866	..do..	Dan Meneely.....	..do..	62 10
15867	..do..	E. W. Justus.....	..do..	108 00
15868	..do..	Margaret Jones.....	..do..	38 40
15869	..do..	Ross Hutton.....	..do..	51 60
15870	..do..	Chas. Wilson.....	..do..	50 10
15871	..do..	L. M. Stearns.....	..do..	56 00
15872	..do..	Clara Muhleman.....	..do..	36 48
15873	..do..	A. C. Litton.....	..do..	53 20

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
15874	1913. Mar. 31	E. C. Lewis.	Wages, March, 1913.	\$ 62.60
15875	do.	Fred Langhoff.	do.	54.30
15876	do.	John Cuduskey.	do.	58.80
15877	do.	Thos. Butler.	do.	58.27
15878	do.	D. M. Bullock.	do.	54.60
15879	do.	Harry Brown.	do.	56.00
15880	do.	Basil Brown.	do.	51.06
15881	do.	John Brammigan.	do.	74.33
15882	do.	J. E. Bailey.	do.	46.40
15883	do.	W. M. Atwell.	do.	51.60
15884	do.	C. E. Arrington.	do.	56.00
15885	do.	Jos. Davis.	do.	56.00
15886	do.	F. Cunningham.	do.	123.67
15887	do.	V. S. Glenn.	do.	49.80
15888	do.	T. F. Franklin.	do.	53.20
15889	do.	Herman Fecttruph.	do.	53.20
15890	do.	B. F. English.	do.	48.90
15891	do.	Thos. J. Fay.	do.	54.20
15892	do.	E. P. Dibble.	do.	90.00
15893	do.	J. F. Long.	do.	71.28
15894	do.	J. A. J. Klien.	do.	57.60
15895	do.	Elias Kirby.	do.	61.60
15896	do.	Tim Kenney.	do.	44.20
15897	do.	C. C. Johnson.	do.	42.80
15898	do.	P. S. Jeffers.	do.	53.00
15899	do.	F. F. Hoover.	do.	52.00
15900	do.	John Bagley.	do.	51.20
15901	do.	W. M. Birdzell.	do.	56.60
15902	do.	J. W. Lowe.	do.	47.38
15903	do.	T. F. Harper.	do.	47.00
15904	do.	Seal Hamlin.	do.	49.00
15905	do.	W. H. Graybeal.	do.	56.40
15906	do.	C. Y. Freeman.	do.	57.80
15907	do.	Guy Fox.	do.	52.80
15908	do.	J. J. Fiscus.	do.	78.60
15909	do.	Fred Fender.	do.	50.40
15910	do.	Louie Fender.	do.	77.84
15911	do.	G. W. Boyer.	do.	66.00
15912	do.	Phillip Uinskey.	do.	60.20
15913	do.	G. E. Quick.	do.	24.20
15914	do.	P. R. Greenman.	do.	16.00
15915	do.	E. A. Schwing.	do.	15.60
15916	do.	P. T. Walters.	do.	18.00
15917	do.	Ora McGhee.	do.	14.40
15918	do.	R. D. Hull.	do.	14.00
15919	do.	F. M. Van Natter.	do.	13.00
15920	do.	Otto Schimmerer.	do.	15.00
15921	do.	George Mink.	do.	16.80
15922	do.	Phillip Walters.	do.	46.00
15923	do.	Chas. Rehling.	do.	75.00
15924	do.	H. B. Seward.	do.	80.80
15925	do.	A. A. Odell.	do.	16.30
15926	do.	J. F. Gauger.	do.	82.18
15927	do.	E. P. Hermann.	do.	19.75
15928	do.	R. F. Harvey.	do.	35.40
15929	do.	Ralph Moray.	do.	15.31
15930	do.	Samuel Hanson.	do.	10.20
15931	do.	William Fogarty.	do.	57.20
15932	do.	W. G. Hixon.	do.	50.00
15933	do.	Edward Hargan.	do.	45.60
15934	do.	Frank Fogarty.	do.	55.00
15935	do.	Frank Irvine.	do.	48.00
15936	do.	A. U. Morgan.	do.	58.75
15937	do.	James Irvine.	do.	57.20
15938	do.	John Snyder.	do.	48.00
15939	do.	B. L. Reed.	do.	45.60
15940	do.	William Templeh.	do.	41.25
15941	do.	A. Langhoff.	do.	72.00
15942	do.	F. Cathorne.	do.	105.00
15943	do.	S. F. Prince.	do.	72.00
15944	do.	H. D. McQueen.	do.	36.34
15945	do.	J. M. Lindgren.	do.	125.00
15946	do.	Lloyd Schwartz.	do.	60.00
15947	do.	Etta Perry.	do.	16.00
15948	do.	H. J. Vanderbeek.	do.	39.81
15949	do.	Florence Nyberg.	do.	50.00
15950	do.	F. H. Colyer.	do.	7.75
15951	do.	M. L. Nebel.	do.	19.25
15952	do.	Daisy Swearingen.	do.	50.00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
15953	Mar. 31	S. T. Wallage.	Wages, March, 1913.	\$ 20 75
15954	do.	G. W. Porter.	do.	60 00
15955	do.	J. J. Herbert.	do.	63 00
15956	do.	W. J. Smith.	do.	108 80
15957	do.	Amos Wright.	do.	81 60
15958	do.	Wesley Wilson.	do.	85 20
15959	do.	J. H. Miller.	do.	68 40
15960	do.	A. J. Booker.	do.	85 20
15961	do.	C. A. Dunseth.	do.	85 20
15962	do.	Marion E. Sparks.	do.	16 50
15963	do.	Grace J. Maxwell.	do.	75 00
15964	do.	Mary Ryan.	do.	42 68
15965	do.	Frances McClughen.	do.	54 77
15966	do.	Ethel V. Manley.	do.	66 88
15967	do.	Chas. Hill.	do.	85 20
15968	do.	Pete Davis.	do.	63 35
15969	do.	J. E. Morgan.	do.	38 00
15970	do.	A. L. Sowers.	do.	41 40
15971	do.	Arthur Semple.	do.	34 58
15972	do.	C. I. Newlin.	do.	75 00
15973	do.	I. F. Tillotson.	do.	64 40
15974	do.	Chas. Gundlock.	do.	75 00
15975	do.	W. L. Howat.	do.	25 50
15976	do.	Harry Higgins.	do.	74 00
15977	do.	Howard Downing.	do.	55 80
15978	Mar. 27	J. R. Newberry.	Butter.	10 19
15979	Mar. 28	R. E. Kinnison.	Eggs.	5 00
15980	do.	G. Cramer Dry Plate Co.	Filters.	8 38
15981	do.	Geo. B. Carpenter & Co.	Waste.	19 20
15982	do.	Bronson Barlow.	Expenses.	18 92
15983	do.	The Geo. N. Lowrey Co.	Advertising.	3 25
15984	do.	F. C. Jorgeson & Co.	Fixtures.	1 00
15985	do.	H. A. Swits.	Rabbits.	9 60
15986	do.	C. E. Herren.	Hay.	292 00
15987	do.	J. H. McFarland Co.	Pictures.	193 05
15988	do.	R. L. Kelley.	Expenses.	6 99
15989	do.	Inter-Ocean Oil Co.	Oil.	13 00
15990	do.	G. W. Sheldon & Co.	Fees and charges.	33 30
15991	do.	Pantagraph Printing & Stationery Co.	Printing.	427 70
15992	do.	Illinois Commercial Apple Growers Assn.	Hose.	69 30
15993	do.	J. M. Bryant.	Expenses.	7 00
15994	Mar. 31	Jennie A. Mathers.	Salary, March, 1913.	50 00
15995	Mar. 27	W. G. Griffith.	Seed corn.	7 00
15996	Mar. 31	Edna Clanton.	Salary, March, 1913.	50 00
15997	Mar. 27	Illinois Printing Co.	Printing.	576 48
15998	do.	G. Anderson.	Cutlery.	97 72
15999	do.	Albert Pick & Co.	Napkins.	5 00
16000	do.	A. H. Revell & Co.	Rugs.	416 00
16001	do.	Scovill Co.	Rug.	70 00
16002	Mar. 31	S. C. Kemp.	Wages, March, 1913.	10 30
16003	do.	Wayne Brown.	do.	10 80
16004	do.	A. L. Bevis.	do.	17 20
16005	do.	A. P. Kelley.	do.	25 60
16006	do.	R. M. Stevens.	do.	21 75
16007	do.	H. E. Howes.	do.	12 20
16008	do.	May Rolfe.	do.	18 00
16009	Mar. 29	Alphons-Custodis Chimney Construction Co., Contractors.	Payment on contract.	346 66
16010	do.	The American Society of Agronomy.	Books.	5 50
16011	do.	C. C. Logan.	Expenses.	64 02
16012	do.	Elmer Musgrove.	do.	1 35
16013	do.	English Bros., Contractors.	Payment on contract.	1,623 79
16014	do.	Reliable Plumbing & Heating Co.	Supplies.	124 03
16015	do.	D. H. Lloyd.	Stationery.	51 87
16016	do.	J. B. Bennett.	Labor and material.	13 42
16017	Mar. 31	J. H. Vandiver.	Wages, March, 1913.	48 80
16018	do.	G. E. Wright.	do.	61 50
16019	Apr. 1	Standard Cap & Seal Co.	Rent.	6 50
16020	do.	American Shropshire Registry Assn.	Fees.	10 00
16021	do.	McGraw Publishing Co.	Reprints.	12 50
16022	do.	Schweitzka Bros.	Lettering doors.	2 00
16023	do.	C. H. Besly & Co.	Brass.	34 46
16024	do.	Spencer Lens Co.	Laboratory apparatus.	34 20
16025	do.	The Holliday Box Co.	Boxes.	153 00
16026	do.	Standard Oil Co.	Oil.	69 01
16027	do.	The Saffell Co.	Hardware.	33 06
16028	do.	A. C. McClurg & Co.	Books.	142 11
16029	do.	Bacon Brothers.	Supplies.	52 48
16030	do.	Western Electric Co.	do.	84 95

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
16031	1913. Apr. 1	O. E. Staples, Chief Clerk.....	Payment on account milk products.....	\$ 887 75
16032	do.	O. E. Staples, Chief Clerk.....	do.	83 62
16033	do.	A. G. Eldredge.....	Expenses and lectures.....	167 98
16034	do.	John Nogle.....	Ewe.....	10 00
16035	do.	J. E. Armstrong, Treasurer.....	Fee.....	10 00
16036	do.	Ellen M. Henrotin.....	Expenses.....	17 59
16037	do.	Minnie E. Watson.....	Wages, March, 1913.....	18 00
16038	do.	Wells-Abbott-Nieman Co.....	Bran.....	215 00
16039	do.	The Kny-Scherer Co.....	Apparatus.....	33 60
16040	do.	Carbondale Printing Co.....	Printing.....	92 00
16041	do.	A. E. Young.....	Photos.....	7 50
16042	do.	W. J. Langhoff.....	Wages, March, 1913.....	58 50
16043	do.	F. A. Hawley.....	Labor and material.....	536 17
16044	do.	W. W. Lindley, Postmaster.....	Postage.....	366 73
16045	do.	O. E. Staples, Chief Clerk.....	Students' payroll.....	315 20
16046	do.	O. E. Staples, Chief Clerk.....	General labor.....	483 18
16047	do.	O. E. Staples, Chief Clerk.....	Freight.....	312 72
16048	Apr. 2	D. F. McFarland.....	Expenses.....	18 52
16049	do.	Bronson Barlow.....	do.....	5 44
16050	do.	Mary Moss.....	Wages, March, 1913.....	25 00
16051	do.	G. F. Sutherland.....	do.....	12 50
16052	do.	Kathleen Clyne.....	do.....	10 00
16053	do.	H. A. Hillister.....	Expenses.....	27 97
16054	do.	E. H. Sargent & Co.....	Supplies.....	118 72
16055	do.	G. E. Stechert & Co.....	Books.....	180 81
16056	do.	V. R. Barnes.....	Wages, March, 1913.....	85 20
16057	do.	Army & Navy Register.....	Advertising.....	14 25
16058	do.	Fernando Fe.....	Books.....	10 96
16059	do.	R. L. Polk & Co.....	Book.....	10 00
16060	do.	The Uncle Sam Oil Co. of Kansas.....	Oil.....	6 60
16061	do.	Flanigan-Pearson Co.....	Printing.....	1,393 39
16062	Apr. 3	A. Bevis.....	Wages, March, 1913.....	148 50
16063	do.	H. E. Howes.....	Loan.....	50 00
16064	do.	L. S. Stallings.....	do.....	100 00
16065	do.	Morava Construction Co.....	Payment on contract.....	12,150 00
16066	Apr. 4	Narragansett Machine Co.....	Hooks.....	1 72
16067	do.	Alex Nielsen.....	Necturus.....	3 60
16068	do.	George Murphy.....	Carrier.....	2 25
16069	do.	Edward Orton, Jr.....	Laboratory apparatus.....	19 00
16070	do.	Nernst Lamp Co.....	Burners.....	3 94
16071	do.	The Newarker.....	Subscription.....	3 00
16072	do.	The National Conference of Charities.....	Books.....	4 80
16073	do.	Pantagraph Printing & Stationery Co.....	Index.....	4 32
16074	do.	Illinois Printing Co.....	Printing.....	556 80
16075	do.	Martin Metz.....	Lumber.....	6 25
16076	do.	The University of Illinois Supply Store.....	Supplies.....	490 45
16077	do.	National Steam Specialty Co.....	Valves.....	14 66
16078	do.	Marshall Field & Co.....	Rugs.....	290 00
16079	do.	National Engraving Co.....	Half-tones.....	18 50
16080	do.	A. O. Magnuson.....	Photo work.....	63 85
16081	do.	Percival & Moorehead.....	Hardware.....	20 40
16082	do.	J. T. Ryerson & Son.....	Steel supplies.....	20 49
16083	do.	John A. Salzer Seed Co.....	Seeds.....	5 90
16084	Apr. 5	R. C. Wagner & Son.....	Fuel.....	22 63
16085	do.	A. F. Krueger.....	Expenses.....	12 63
16086	do.	Ralph Chaplin.....	Hens.....	21 70
16087	do.	Frank Hudson.....	Hay.....	158 65
16088	do.	T. J. Colvin.....	Services.....	5 00
16089	do.	F. A. Pearson.....	Expenses.....	25 38
16090	do.	Chicago Flexible Shaft Co.....	Machine.....	20 25
16091	do.	J. C. Hoof & Co.....	Powder.....	1 02
16092	do.	John Heffernan & Son.....	Jars.....	5 00
16093	do.	The Linde Air Products Co.....	Oxygen.....	3 00
16094	do.	General Chemical Co.....	Supplies.....	184 68
16095	do.	Dearborn Duster Co.....	Cloths.....	1 62
16096	do.	The Denver Fire Clay Co.....	Supplies.....	4 00
16097	do.	American Hoist & Derrick Co.....	Machinery.....	9 95
16098	do.	Engineering News.....	Advertising.....	14 63
16099	do.	C. H. Stoelting Co.....	Tubing.....	3 83
16100	do.	The Leeds & Northrup Co.....	Apparatus.....	7 18
16101	do.	The Electric Tachometer Co.....	Instrument.....	90 00
16102	do.	Cushman & Denison Mfg. Co.....	Clips.....	2 00
16103	do.	The A. H. Clark Co.....	Books.....	30 50
16104	do.	The Hektograph Mfg. & Dup. Co.....	Material.....	3 25
16105	do.	Richard Wunderlich.....	Repairs.....	1 55
16106	do.	Cable Piano Co.....	Rent.....	12 00
16107	do.	E. H. Swigert.....	Tuning pianos.....	22 50
16108	do.	J. C. Thomas.....	Laboratory supplies.....	15 10

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
16109	Apr. 5	Ernst Leitz	Light	\$ 8 00
16110	do.	R. A. Hildebrand	Photos.	16 00
16111	do.	F. W. Bird & Son	Paper	10 00
16112	do.	Augusta D. Evans	Expenses	13 69
16113	do.	L. F. Maxcy	Address	5 00
16114	do.	J. H. Foster	Expenses	69 15
16115	do.	W. F. Hardy	Scoop board	2 50
16116	do.	Diamond Crystal Salt Co.	Supplies	3 75
16117	do.	Fred Bockelmann	Expenses	18 59
16118	do.	T. W. Wood & Sons	Seed	7 01
16119	do.	Woldenberg & Schaar	Laboratory apparatus	122 80
16120	do.	The Toledo Pipe Threading Machine Co.	Screws	1 35
16121	do.	Green Engineering Co.	Clips	4 13
16122	do.	The Cleveland Seating Co.	Chair supplies	126 00
16123	do.	The Whitaker Paper Co.	Towels	30 00
16124	do.	The E. H. Wachs Co.	Repairs	4 68
16125	do.	C. H. Hanson	Number plates	12 84
16126	do.	Good Mfg. Co.	Supplies	20 98
16127	do.	Hersey Mfg. Co.	Disc and spindle	5 33
16128	do.	The Whitman & Barnes Mfg. Co.	Machine parts	9 02
16129	do.	Gregory Electric Co.	Supplies	71 25
16130	do.	A. J. Gunderson	Expenses	7 04
16131	do.	Illinois Electrical Mfg. Co.	Labor and material	19 60
16132	do.	Joseph McDonough Co.	Books	5 00
16133	do.	Accountant National Live Stock Records	Book	2 00
16134	do.	G. Brose Van Dort Co.	do.	9 00
16135	do.	Chivers Book Binding Co.	Books	12 16
16136	do.	Gamble Hinged Music Co.	Music	21 93
16137	do.	Carson Pirie Scott & Co.	Hangers	1 75
16138	do.	U. & C. Ry. Gas & Electric Co.	Gas	1, 128 40
16139	do.	The Independent	Copies	2 50
16140	do.	Whiting Paper Co.	Paper	57 60
16141	do.	W. G. Stromquist	Expenses	24 51
16142	do.	Alberene Stone Co.	Stone tops	25 30
16143	do.	Albert Pick & Co.	Supplies	141 43
16144	do.	The Garlock Packing Co.	Gaskets	16 63
16145	do.	Western Valve Co.	Valves	31 25
16146	do.	Buffalo Meter Co.	Supplies	5 21
16147	do.	J. W. Butler Paper Co.	Stationery	28 35
16148	do.	F. Adams	Hauling	65 76
16149	do.	The Carl Bajohr L. C. Co.	Lightning conductor	315 05
16150	do.	Underwood Typewriter Co.	Machines	143 50
16151	do.	Western Electric Co.	Supplies	32 62
16152	do.	Burroughs Adding Machine Co.	Labor and material	387 38
16153	do.	Illinois State Penitentiary	Furniture	325 00
16154	do.	P. S. Campbell	Printing	21 00
16155	do.	Champaign Steam Laundry	Washing	18 00
16156	Apr. 7	Library Bureau	Book	13 00
16157	do.	H. E. Slaughter	Subscription	50 00
16158	do.	Ernst Hertzberg & Sons	Bookbinding	100 88
16159	do.	The Burr Co.	Hardware	77 26
16160	do.	B. A. Strauch	Photo supplies	97 71
16161	do.	The Taylor Hardware Co.	Supplies	10 70
16162	do.	A. C. McClurg & Co.	Books	115 58
16163	do.	Twin City Roofing & Sheet Metal Works	Supplies	86 15
16164	do.	D. H. Lloyd	do.	116 45
16165	do.	Eimer & Amend	Laboratory apparatus	118 95
16166	do.	J. H. Doyle	Hardware	36 81
16167	do.	Central Electric Co.	Supplies	40 54
16168	do.	Lewis Supply Co.	do.	125 90
16169	do.	Geo. B. Carpenter & Co.	Hardware	16 24
16170	do.	H. F. Chester	Services	44 31
16171	do.	Western Kieley Steam Specialty Co.	Diaphragms	1 94
16172	do.	W. W. Walls & Co.	Lumber	86 53
16173	do.	Westinghouse Electric & Mfg. Co.	Supplies	33 56
16174	do.	Western Carbon & Ribbon Co.	Ribbons	6 66
16175	do.	J. Terquem & Cie	Books	22 04
16176	do.	Vaughan's Seed Store	Supplies	13 54
16177	do.	G. W. Sheldon & Co.	Fees and charges	17 10
16178	do.	General Electric Co.	Supplies	203 80
16179	do.	Illinois State Reformatory	Printing	223 40
16180	do.	Walker & Mulliken	Furniture	292 03
16181	do.	Twin City Ice & Cold Storage Co.	Ice	20 00
16182	do.	The C. A. Stelinger Co.	Hardware	19 21
16183	do.	C. A. Hall Hardware Co.	Supplies	21 15
16184	do.	Holstein-Friesian Assn. of American	Fees	22 00
16185	do.	Swartz Electric Shop	Wiring	478 11
16186	do.	G. W. Beardsley	Wages, March 26-31, 1913	10 08
16187	do.	Earl Garver	Expenses	3 51



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
16188	Apr. 7	R. T. Welsh.	Services and expenses.	\$ 22 48
16189	do.	V. E. Spencer.	Services.	8 00
16190	do.	L. M. Wakeley.	Expenses.	6 94
16191	do.	H. C. Lawson.	do.	12 57
16192	do.	Champaign & Urbana Water Co.	Fire protection.	37 50
16193	do.	White Line Steam Laundry.	Washing towels, etc.	71 05
16194	do.	Solatia M. Taylor.	Slides.	2 80
16195	do.	Carson Pirie Scott & Co.	Dishes.	23 41
16196	do.	The Chicago Packing House Market.	Fish.	3 14
16197	do.	The Field & Shorb Co.	Supplies.	22 52
16198	do.	H. A. Hollister.	Expenses.	23 33
16199	do.	T. J. Burrill.	Allowance.	250 00
16200	do.	Frank Morgan.	Expenses.	4 85
16201	do.	F. W. Gault.	do.	52 02
16202	do.	Ralph Hilscher.	do.	3 38
16203	do.	Charles Mollet.	Supplies.	435 65
16204	Apr. 8	A. A. Spung.	Specimens.	18 00
16205	do.	F. A. Hawley.	Concrete shelves.	13 50
16206	do.	Weil Bros.	Pipe.	7 88
16207	do.	F. D. Voris & Sons Co.	Supplies.	5 94
16208	Apr. 10	P. Adams.	Labor.	11 90
16209	do.	W. Atlee Burpee & Co.	Seed.	8 45
16210	do.	Henry Blattner.	Slides.	32 10
16211	do.	E. Bartholomew.	Book.	6 10
16212	do.	J. B. Bennett.	Labor.	3 30
16213	do.	The Adams-Bagnall Electric Co.	Globes.	3 36
16214	do.	The Lunkenheimer Co.	Valves.	29 41
16215	do.	General Acoustic Co.	Rental.	10 50
16216	do.	J. H. Finch, M. D.	Services.	85 00
16217	do.	Breitkopf & Hartel.	Paper.	6 30
16218	do.	Automatic Electric Co.	Supplies.	12 50
16219	do.	Addressograph Co.	do.	10 00
16220	do.	The Automobile Supply Co.	Coils.	6 80
16221	do.	American La France Fire Engine Co.	Labor.	7 50
16222	do.	Bryan-Marsh Electric Works.	Lights.	53 25
16223	do.	D. M. Avey.	Wages, March 31-April 7, 1913.	25 62
16224	do.	C. H. Beasley & Co.	Belting.	2 65
16225	do.	American Educational Co.	Book.	5 00
16226	do.	Bennett's Magazine Agency.	Books.	6 65
16227	do.	W. W. Lindley, Postmaster.	Postage on bulletins.	75 00
16228	do.	J. D. Bangs & Co.	Hardware.	7 05
16229	do.	Mandel Bros.	Furniture.	393 63
16230	do.	C. A. Denman, Contractor.	Painting.	37 30
16231	do.	Bausch & Lomb Optical Co.	Apparatus.	160 73
16232	do.	The Beardsley Hotel Co.	Services.	41 25
16233	do.	Bacon Bros.	Supplies.	37 10
16234	do.	The Alexander Lumber Co.	Lumber.	196 80
16235	do.	Champaign Daily Gazette.	Printing.	6 25
16236	do.	A. L. A. Publishing Board.	Books.	14 10
16237	do.	J. H. Doyle.	Hardware.	27 13
16238	do.	Central Electric Co.	Supplies.	37 26
16239	do.	H. F. Chester.	Service.	28 93
16240	do.	V. A. Place.	Expenses.	1 35
16241	do.	P. A. Nowlen.	do.	31 38
16242	do.	Garfield Jones.	do.	8 78
16243	do.	W. H. Smith.	do.	8 49
16244	do.	H. A. Cats.	do.	29 02
16245	do.	Cornelius Stocker.	do.	37 45
16246	do.	Orr Allyn.	do.	13 81
16247	do.	A. N. Talbot.	do.	14 99
16248	do.	A. J. Gunderson.	do.	20 69
16249	do.	Ralph Chaplin.	Freight.	24 26
16250	do.	A. F. Gustafson.	Expenses.	34 40
16251	do.	E. E. Hoskins.	do.	44 88
16252	do.	H. Fahrnkopf.	do.	24 56
16253	do.	Henry Lussenhop.	do.	7 50
16254	do.	H. W. Stewart.	do.	30 60
16255	do.	Freeman & Brooks, Contractors.	Payment on contract.	3,452 94
16256	do.	The Alphons-Custodis Co., Contractors.	do.	346 67
16257	do.	American Museum of Natural History.	Contribution.	5,000 00
16258	do.	Freeman & Brooks, Contractors.	Payment on contract.	802 10
16259	Apr. 11	Leary, Stuart & Co.	Dictionary.	15 00
16260	do.	P. D. Foster.	Board.	3 50
16261	do.	The Garlock Packing Co.	Packing.	16 51
16262	do.	F. J. Burns & Co.	Frogs.	3 00
16263	do.	Harvard Apparatus Co.	Supplies.	8 37
16264	do.	Munhall Printing House.	Printing.	3 75
16265	do.	G. Cramer Dry Plate Co.	Supplies.	8 36
16266	do.	American Mono-Service Co.	Receptacles.	14 50

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
16267	Apr. 11	Herf & Frerichs Chemical Co.	Ammonia.	\$ 27 04
16268	do.	Chambers Mfg. Co.	Range.	27 50
16269	do.	Harris & Mead.	Fruit.	1 05
16270	do.	Henry Fuermann & Sons.	Prints.	26 00
16271	do.	Bryan-Marsh Electric Works.	Lights.	208 74
16272	do.	Illinois Electrical Mfg. Co.	Labor and material.	18 45
16273	do.	Hibbard, Spencer, Bartlett & Co.	Mowers.	57 70
16274	do.	Green Engineering Co.	Supplies.	12 67
16275	do.	The Leeds & Northrup Co.	Repairs.	11 35
16276	do.	Drear, Adams & Co.	Tubing.	3 86
16277	do.	Crosby Steam Gage & Valve Co.	Springs.	3 91
16278	do.	The Engineering Magazine.	Advertising.	2 09
16279	do.	Carl Fischer.	Music.	2 01
16280	do.	Ernst Leitz.	Light.	8 54
16281	do.	Favor, Ruhl & Co.	Blades.	1 53
16282	do.	Geo. W. Martin.	Paraffine.	1 50
16283	do.	France Battery & Carbon Co.	Batteries.	21 30
16284	do.	W. W. & E. D. Hanes, Meat Market.	Meat.	1 50
16285	do.	J. W. Butler Paper Co.	Supplies.	20 47
16286	do.	Albert Dickenson Seed Co.	Seeds.	304 37
16287	do.	General Electric Co.	Supplies.	57 57
16288	do.	S. E. Huff & Co.	Lumber.	119 90
16289	do.	The Miller Harness Co.	Supplies.	4 50
16290	do.	Metzler & Schafer Co.	Groceries.	7 35
16291	do.	Ernst Hertzberg & Sons.	Bookbinding.	128 12
16292	do.	Martinus Nijhoff.	Books.	28 06
16293	do.	P. S. Campbell.	Printing.	25 25
16294	do.	Hunter, Rourke & Co.	Lumber.	6 21
16295	do.	D. H. Lloyd.	Supplies.	143 55
16296	do.	O. E. Staples, Chief Clerk.	Express.	48 08
16297	do.	O. E. Staples, Chief Clerk.	Freight.	249 99
16298	do.	O. E. Staples, Chief Clerk.	Student's payroll.	669 99
16299	do.	W. W. Lindley, Postmaster.	Postage.	431 60
16300	do.	Illinois Central R. R. Co.	Freight.	68 04
16301	do.	C., C. & St. L. R. R. Co.	do.	20 34
16302	Apr. 12	G. A. Garrison.	Straw.	21 86
16303	do.	The University Club.	Entertaining.	29 35
16304	do.	John O. Coen.	Refund.	6 00
16305	do.	The Wing Seed Co.	Seed.	38 20
16306	do.	National Refrigerator & Butchers Supply Co.	Supplies.	27 27
16307	do.	White Line Steam Laundry.	Washing.	21 73
16308	do.	J. M. Thorburn & Co.	Seeds.	1 58
16309	do.	Wadsworth-Howland Co.	Enamel.	24 00
16310	do.	Bevis Sisters.	Supplies and service.	41 70
16311	do.	J. T. Montgomery.	Expenses.	43 00
16312	do.	H. A. Haugan.	Expenses.	150 04
16313	do.	G. E. Frazer.	do.	31 80
16314	do.	Eisner Grocery Co.	Matches.	5 50
16315	do.	Martin Schilling.	Books.	12 52
16316	do.	L. B. Malecki & Co.	Supplies.	91 15
16317	do.	C. M. Parker.	Advertising.	8 57
16318	do.	J. Tempere.	Preparations.	9 30
16319	do.	Ed Cazel.	Mare.	190 00
16320	do.	Eimer & Amend.	Laboratory apparatus.	45 10
16321	do.	Alex Harmon & Son.	Blacksmithing.	9 30
16322	do.	Horticulture Publishing Co.	Subscription.	1 00
16323	do.	Albert Wuesteman.	Cutlery.	5 75
16324	do.	T. H. Craig.	Repairs.	5 00
16325	do.	C. C. Short.	Setting shoes.	2 00
16326	do.	R. C. Wagner & Son.	Fuel.	15 05
16327	do.	Florists Publishing Co.	Subscription.	1 00
16328	do.	Detroit Flower Pot Co.	Supplies.	45 16
16329	do.	A. & E. Tarbox.	Chicken.	5 00
16330	do.	C. F. Elmes Engineering Works.	Babbit.	165 00
16331	do.	Westinghouse Electric & Mfg. Co.	Labor and material.	4 52
16332	do.	Eberhard Faber.	Supplies.	1 05
16333	do.	Wm. Green.	Seeds.	1 50
16334	do.	A. N. Pierson.	Plants.	167 75
16335	do.	Oscar Wegeln.	Book.	2 06
16336	do.	Paul Gottschalk.	Books.	3 10
16337	do.	Tice & Lynch.	Fees and charges.	6 75
16338	do.	Stafford Engraving Co.	Labor and material.	20 97
16339	do.	Racine-Sattley Co.	Implements.	53 02
16340	do.	Federal Sign System.	Shades.	2 43
16341	do.	The Western Gas Fixture Co.	Supplies.	414 53
16342	do.	H. Mueller Mfg. Co.	do.	11 23

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1913.</b>				
16343	Apr. 12	Stearnes Steel Range Co.	Cooking utensils.	\$ 15 35
16344	..do.	Illinois Press Clipping Bureau.	Service.	10 00
16345	..do.	H. W. Johns-Manville Co.	Apparatus.	11 44
16346	..do.	Frank Zercher.	Repairs.	1 80
16347	..do.	Williams Bros.	Labor and material.	118 70
16348	..do.	Twin City Roofing & Sheet Metal Works	Supplies.	19 25
16349	..do.	Reliable Plumbing & Heating Co.	..do.	202 26
16350	..do.	Western Electric Co.	..do.	47 54
16351	..do.	Remington Typewriter Co.	..do.	9 05
16352	..do.	F. K. Robeson.	Dry goods.	312 38
16353	..do.	G. C. Willis.	..do.	37 28
16354	..do.	Western Kieley Steam Specialty Co.	Machinery.	46 70
16355	..do.	The Saffell Co.	Hardware.	75 95
16356	..do.	A. S. Nelson & Sons.	Groceries.	41 23
16357	..do.	Fuller & Fuller Co.	Drugs.	32 69
16358	..do.	Twin City Printing Co.	Printing.	21 05
16359	..do.	E. H. Sargent & Co.	Laboratory supplies.	79 67
16360	..do.	20th Century Press Clipping Bureau.	Clipping service.	10 00
16361	..do.	L. C. Smith Bros. Typewriter Co.	Rental and payment.	35 00
16362	..do.	Illinois State Reformatory.	Printing.	128 11
16363	..do.	G. E. Stechert & Co.	Books.	45 88
16364	..do.	W. W. Walls & Co.	Lumber.	77 83
16365	..do.	Charles Mollett.	Labor and material.	211 68
16366	..do.	Funk Bros. Seed Co.	Seeds.	99 10
16367	Apr. 15	A. H. Kelley.	Lecture.	10 00
16368	..do.	Institut fur Garungsgewerbe.	Cultures.	1 40
16369	..do.	L. E. Knorr.	Expenses.	15 64
16370	..do.	Illinois Surety Co.	Premium.	50 00
16371	..do.	S. D. Bawden.	Lecture.	25 00
16372	..do.	Jennie C. Barlow.	Services.	30 00
16373	..do.	Wurttembergische Metallwarenfabrik	Apparatus.	124 24
16374	..do.	Libreria Morpurgo.	Photograph.	7 10
16375	..do.	Garda Jungberg.	Drawings.	6 60
16376	..do.	C. Klincksieck.	Books.	7 51
16377	..do.	Horace Knight.	Drawings.	2 60
16378	..do.	Franz Feuticke.	Books.	18 75
16379	..do.	Frank Soptzen.	Horse.	190 00
16380	..do.	Henry Sotheran & Co.	Books.	70 76
16381	..do.	Sezione Antiquaria.	Book.	3 60
16382	..do.	Porrua Hnos.	Books.	57 50
16383	..do.	Rosa-Lee Gaut.	Wages, March, 1913.	44 00
16384	..do.	Ulrico Hoepli.	Books.	41 75
16385	..do.	Paul Geuthner.	..do.	60 55
16386	..do.	Otto Harrassowitz.	..do.	132 98
16387	..do.	O. E. Staples, Chief Clerk.	Payments, milk produce.	660 20
16388	..do.	O. E. Staples, Chief Clerk.	Sundry bills paid.	183 03
16389	..do.	O. E. Staples, Chief Clerk.	General labor, April 1-12, 1913.	422 69
16390	..do.	O. E. Staples, Chief Clerk.	Express paid.	105 58
16391	Apr. 18	Korten Brothers Co.	Coffee and tea.	18 39
16392	..do.	Deftnet & Jagerson Supply Co.	Shavings.	25 92
16393	..do.	McIntosh Stereopticon Co.	Slides.	3 25
16394	..do.	J. C. Allen.	Photographs.	45 50
16395	..do.	Florence E. Watson.	Expenses.	25 22
16396	..do.	L. C. Gillispie & Sons.	Wood oil.	1 00
16397	..do.	Standard Oil Co.	Oil.	4 00
16398	..do.	Machinists Supply Co.	Grease cups.	2 36
16399	..do.	Illinois Traction System.	Service of men.	2 20
16400	..do.	The New Era Printing Co.	Printing.	26 53
16401	..do.	The Beardsley Hotel Co.	Entertaining.	8 50
16402	..do.	Foot Mineral Co.	Supplies.	27 70
16403	..do.	Gulick Pennant Co.	Badges.	21 00
16404	..do.	C. M. McConn.	Expenses.	18 44
16405	..do.	Laura B. Evans.	..do.	40 26
16406	..do.	B. L. Ray.	Loan.	150 00
16407	..do.	P. L. Schoolcraft.	..do.	50 00
16408	..do.	H. La Sell.	Labor.	1 25
16409	..do.	J. S. Hipple.	Canulas.	3 25
16410	..do.	Lloyde's University Store.	Blotters.	1 00
16411	..do.	Spencer Lens Co.	Supplies.	35 16
16412	..do.	Edward Pennock.	..do.	2 68
16413	..do.	Lewis Electric Supply Co.	Loom.	7 00
16414	..do.	F. W. Muncie.	Expenses.	7 39
16415	..do.	The Foley Mfg. Co.	Material.	45 00
16416	..do.	Florence Harrison.	Services.	30 00
16417	..do.	B. S. Pickett.	Expenses.	15 58
16418	..do.	J. H. McFarland Co.	Slides.	93 30
16419	..do.	Meyer & Wenthe.	Stamps.	3 69
16420	..do.	J. Manz Engraving Co.	Engravings.	17 85
16421	..do.	Axley Hay Co.	Alfalfa.	172 15

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
16422	Apr. 18	Spalding & Quirk	Paper cups	\$ 2 00
16423	..do.	S. C. Tucker	Drugs	2 55
16424	..do.	U. & C. Railway, Gas & Electric Co.	Gas	93 50
16425	..do.	The Frederick Post Co.	Paper	1 05
16426	..do.	E. W. Sampson	Implements	95 35
16427	..do.	Sheldon Brick & Building Supply Co.	Supplies	3 80
16428	..do.	Revere Rubber Co.	Hose	9 60
16429	..do.	M. H. Robinson	Expenses	3 55
16430	..do.	Garton-Cooper Seed Co.	Oats	10 00
16431	..do.	Stephen Rogers	Expenses	2 13
16432	..do.	Charles Mollet	Labor and material	3 25
16433	..do.	Florists' Exchange	Subscription	1 00
16434	..do.	E. R. Robinson	Book	1 50
16435	..do.	W. M. Hill	..do.	2 38
16436	..do.	Illinois Commercial Apple Growers Assn.	Supplies	184 50
16437	..do.	Jolly, Wisland & Richardson Co.	Hardware	6 70
16438	..do.	W. M. Taylor	Expenses	18 06
16439	..do.	J. M. Hendershott	Oil	10 61
16440	..do.	Standard Oil Co.	..do.	68 11
16441	..do.	Current Literature Publishing Co.	Subscriptions	3 50
16442	..do.	S. O. Andros	Expenses	9 20
16443	..do.	Electric Coal Co.	Screenings	2, 778 38
16444	..do.	E. C. Shelly	Labor and material	14 80
16445	..do.	J. E. Readhimer	Expenses	22 60
16446	..do.	F. A. Fisher	..do.	57 70
16447	..do.	F. W. Garrett	..do.	20 38
16448	..do.	Harrison Fahrnkopf	..do.	16 06
16449	..do.	R. W. Dickenson	..do.	20 38
16450	..do.	Pantagraph Printing & Stationery Co.	Printing	81 67
16451	..do.	R. H. Chittenden	Honorarium	400 00
16452	..do.	Theobald Smith	..do.	400 00
16453	..do.	D. L. Easall	..do.	400 00
16454	..do.	A. P. Mathews	..do.	400 00
16455	..do.	Mandel Brothers	Chairs	255 00
16456	..do.	Western Valve Co.	Supplies	7 48
16457	..do.	Walker & Mulliken	Chairs	36 00
16458	..do.	The Powers Regulator Co.	Labor and material	5 00
16459	..do.	Smith & Co.	Ammonia and meat	28 03
16460	..do.	G. W. Sheldon & Co.	Fees and charges	22 20
16461	..do.	National Engraving Co.	Half tones	5 50
16462	..do.	Metzler & Schafer Co.	Groceries	65 88
16463	..do.	The Miller Harness Co.	Repairs and supplies	6 95
16464	..do.	Mittendorf & Kiler	Furniture	84 35
16465	..do.	A. C. McClurg & Co.	Books	20 00
16466	..do.	A. O. Magnuson	Photo work and supplies	154 34
16467	..do.	Twin City Ice & Cold Storage Co.	Ice	44 00
16468	..do.	The Taylor Hardware Co.	Supplies	2 90
16469	..do.	Western Carbon & Ribbon Co.	..do.	26 20
16470	..do.	Swartz Electric Shop	Lamps	9 50
16471	..do.	The Carson-Payson Co.	Hardware	7 63
16472	..do.	Weston Electrical Instrument Co.	Repairs	15 35
16473	..do.	C. W. Malcolm	Blue prints	10 35
16474	..do.	Central Scientific Co.	Wire and tubes	45 95
16475	..do.	A. W. Abernathy	Photos	2 50
16476	..do.	J. M. White	Expenses	4 80
16477	..do.	Harvard College Library	Cards	17 24
16478	..do.	Men's Wear	Advertising	7 02
16479	..do.	Jones, McDuffee & Stratton Co.	Finger bowls	8 92
16480	..do.	The American Multigraph Sales Co.	Ribbon	1 50
16481	..do.	Central Egg Carrier Co.	Supplies	6 50
16482	..do.	Eugene Dietzgen Co.	..do.	20 64
16483	..do.	Champaign & Urbana Water Co.	Water	1 25
16484	..do.	Automatic Electric Co.	Supplies	27 50
16485	..do.	Bates Mfg. Co.	..do.	2 40
16486	..do.	Hibbard, Spencer, Bartlett & Co.	Screws	17 70
16487	..do.	Chicago Retort & Fire Brick Co.	Tile	120 00
16488	..do.	Carl Hecker	Corn	2 50
16489	..do.	International Acheson Graphite Co.	Electrodes	19 50
16490	..do.	The Chicago Assn. of Commerce	Subscription	1 00
16491	..do.	The Cadmus Book Shop	Books	7 56
16492	..do.	The Journal of Biological Chemistry	Books	21 27
16493	..do.	Metal Worker	Subscription	2 00
16494	..do.	C. H. Stoelting Co.	Springs	24 50
16495	..do.	H. H. Stook	Expenses	12 44
16496	..do.	American Educational Co.	Directory	4 00
16497	..do.	Edward Bartow	Expenses	56 21
16498	..do.	W. G. Stromquist	..do.	16 90
16499	..do.	Spalding & Quirk	Drugs	3 80
16500	..do.	H. Swannell & Son	..do.	12 25

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
16501	Apr. 18	R. A. Stipes	Sand and gravel	\$ 8 80
16502	do	Geo. B. Carpenter & Co.	Hardware	70 63
16503	do	J. W. Butler Paper Co.	Stationery	24 74
16504	do	E. A. Eichorst	Harness	13 15
16505	do	Frison Carriage Shop	Repairs	2 25
16506	do	S. E. Huff & Co.	Lumber	19 10
16507	do	W. Lewis & Co.	Dry goods	19 60
16508	do	Keuffel & Esser Co.	Supplies	11 47
16509	do	Monarch Electric & Wire Co.	do	90 77
16510	do	General Electric Co.	do	33 02
16511	do	The Ideal Electric Co.	do	78 82
16512	do	Champaign Seed Co.	do	5 00
16513	do	Leavitt Mfg. Co.	Hardware	328 35
16514	do	John H. Doyle	do	44 79
16515	do	Central Electric Co.	Supplies	52 37
16516	do	D. H. Loyde	do	86 38
16517	do	B. A. Strauch	do	80 83
16518	do	The Chester Transfer Co.	Service	44 00
16519	do	Central Union Telephone Co.	do	180 65
16520	Apr. 19	English Brothers	Payment on contract	13, 079 40
16521	do	Bausch & Lomb Optical Co.	Laboratory apparatus	259 85
16522	do	Illinois Traction System	Freight	11 73
16523	do	Bower's Drug Store	Paper	9 96
16524	do	M. R. Carlson	Expenses	24 13
16525	do	W. H. Stevens	do	12 89
16526	do	F. A. Pearson	Field expenses	27 72
16527	do	O. P. Craig	Expenses	29 40
16528	do	A. F. Krueger	do	4 84
16529	do	E. W. Blatchford Co.	Pipe	2 55
16530	do	Buchan Sales Co.	Binder	1 50
16531	do	D. C. Liggett	Guinea pigs	1 25
16532	Apr. 21	R. A. Stipes	Sand	15 00
16533	do	Woldenberg & Schaar	Jars	43 75
16534	do	Josiah C. Hoke	Services	40 00
16535	do	Luitwieler Pumping Engine Co.	Gear	35 00
16536	do	American Steam Pump Co.	Piston rod	31 25
16537	do	R. R. Donnelley & Sons	Express	581 31
16538	do	C. A. Campbell	Expenses	31 14
16539	do	S. V. Holt	do	47 09
16540	do	A. F. Gustafson	do	36 87
16541	do	T. H. Craig	Watches	12 00
16542	do	Stearnes Steel Range Co.	Supplies	1, 384 06
16543	do	Walker & Mulliken	Furniture	66 28
16544	do	C. A. Denman	Labor and material	124 30
16545	do	Ernst Leitz	Apparatus	191 60
16546	do	Standard Oil Co.	Oil	32 90
16547	do	Flanigan-Pearson Co.	Printing	264 81
16548	do	Ernst Hertzberg & Sons	Binding	344 16
16549	do	Cunningham Brothers	Supplies	7 55
16550	do	D. H. Loyde	do	41 48
16551	do	J. Bishop & Co., Platinum Works	Supplies	52 69
16552	do	G. E. Stechert & Co.	Books	222 29
16553	do	G. E. Stechert & Co.	do	250 99
16554	do	The Boston Book Co.	do	74 99
16555	do	Chivers Book Binding Co.	do	58 50
16556	do	A. C. McClurg & Co.	do	137 88
16557	Apr. 22	Dailledouze Brothers	Plants	25 00
16558	do	A. Bryant & Son	Trees	82 00
16559	do	S. J. Buck	Expenses	15 45
16560	do	Hunkins-Willis Lime & Cement Co.	Lime	15 00
16561	do	Londen Machinery Co.	Supplies	266 13
16562	do	O. E. Staples, Chief Clerk	Sundry bills paid	133 08
16563	do	O. E. Staples, Chief Clerk	Express bills paid	88 17
16564	do	O. E. Staples, Chief Clerk	Freight bills paid	180 42
16565	do	O. E. Staples, Chief Clerk	Dairy products	715 83
16566	do	O. E. Staples, Chief Clerk	Students' payroll	432 04
16567	do	W. W. Lindley, Postmaster	Postage	309 50
16568	Apr. 23	The Wabash R. R. Co.	Freight	21 81
16569	do	C. C. C. & St. L. Ry. Co.	do	22 16
16570	do	Illinois Central R. R. Co.	do	7 42
16571	Apr. 24	Cornelius Stocker	Expenses	11 30
16572	do	J. McCullough	Corn	250 82
16573	do	Alumni Association	Allowance	250 00
16574	do	Adam Strohm	Expenses	34 77
16575	do	H. B. Kirtland, Officer in charge	Books	1 25
16576	do	Marie Alice Hiles	Loan	50 00
16577	do	C. Hasler	Harness	108 00
16578	do	Fred H. Rankin	Expenses	190 86
16579	do	H. C. Price	do	39 56

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
16580	Apr. 24	B. E. Powell.	Expenses.	\$ 9 54
16581	..do.	L. J. Towne.	..do.	2 05
16582	..do.	James H. Rice Co.	Supplies.	141 69
16583	..do.	A. K. Chittenden.	Expenses.	10 24
16584	..do.	W. A. Ruth.	..do.	31 52
16585	..do.	O. S. Watkins.	..do.	13 54
16586	..do.	R. W. Rogers.	Lectures.	300 00
16587	..do.	Flanigan-Pearson Co.	Printing.	866 70
16588	..do.	H. W. Stewart.	Expenses.	42 75
16589	..do.	H. C. Gilkerson.	..do.	16 43
16590	..do.	A. F. Gustafson.	..do.	31 30
16591	..do.	A. L. Moats.	..do.	17 10
16592	..do.	H. C. Wheeler.	..do.	158 87
16593	..do.	Babson's Statistical Organization.	Books.	24 00
16594	..do.	F. W. Tanner.	Expenses.	21 76
16595	..do.	F. W. Tanner.	..do.	12 53
16596	Apr. 25	A. H. Barber Creamery Supply Co.	Wrappers.	20 00
16597	..do.	Watson Faulkner.	Drugs.	2 40
16598	..do.	John Reichard.	Corn.	157 50
16599	..do.	The Adams-Bagnall Electric Co.	Supplies.	4 95
16600	..do.	A. B. Dick Co.	Stationery.	3 50
16601	..do.	The Chicago Tribune.	Advertising.	3 20
16602	..do.	L. W. Faulkner.	Hardware.	5 62
16603	..do.	F. J. Burns & Co.	Frogs.	3 00
16604	..do.	Educational Advertising Agency.	Advertising.	7 00
16605	..do.	F. R. Watson.	Expenses.	6 64
16606	..do.	H. A. Swits.	Rabbits.	4 80
16607	..do.	E. P. Dolbey & Co.	Specimen.	11 52
16608	..do.	The American Florist Co.	Subscription.	1 00
16609	..do.	E. T. Benjamin.	Horse shoeing.	12 00
16610	..do.	The Letter Shop.	Stenographic work.	32 94
16611	..do.	The American Journal of Physiology.	Book.	16 50
16612	..do.	Sutherland & Sowers.	Labor.	5 00
16613	..do.	J. G. Tolan.	Steer.	100 00
16614	..do.	Geo. L. Morris Studio.	Models.	60 00
16615	..do.	Reliable Poultry Journal Publishing Co.	Books.	17 93
16616	..do.	Coldwell Lawn Mower Co.	Repairs.	15 00
16617	..do.	Maxim Chemical Co.	Soap.	9 00
16618	..do.	Art Metal Construction Co.	Labor.	7 88
16619	..do.	J. G. Biddle.	Thermometers.	18 32
16620	..do.	Chicago Architects' Business Assn.	Books.	7 28
16621	..do.	Favor, Ruhl & Co.	Charts.	8 81
16622	..do.	Detroit Flower Pot Co.	Supplies.	58 65
16623	..do.	The Cadmus Book Shop.	Books.	4 36
16624	..do.	J. W. Cadby.	..do.	4 90
16625	..do.	The Torch Press.	Book.	2 10
16626	..do.	Ingersoll-Rand Co.	Tools.	12 75
16627	..do.	Mining Science.	Subscription.	2 75
16628	..do.	B. A. Strauch.	Labor and material.	63 62
16629	..do.	Dallenbach Bros.	Meat.	8 78
16630	..do.	Crane Co.	Hardware.	6 58
16631	..do.	The Burr Co.	..do.	76 04
16632	..do.	Cunningham Bros.	Supplies.	47 04
16633	..do.	Corbin Cabinet Lock Co.	..do.	11 32
16634	..do.	Champaign Gas & Electric Supply Co.	..do.	23 53
16635	..do.	Twin City Roofing & Sheet Metal Works	..do.	121 66
16636	..do.	E. M. Moll.	..do.	6 85
16637	Apr. 26	Armour Fertilizer Works.	Bone meal.	294 00
16638	..do.	D. H. Stevenson.	Expenses.	60 46
16639	..do.	Carroll J. Badger.	..do.	15 99
16640	..do.	W. L. Abbott.	..do.	192 28
16641	..do.	Library of Congress.	Deposit.	40 00
16642	..do.	John Reichard.	Grain.	41 00
16643	..do.	W. C. Zimmerman.	Services.	1,790 00
16644	..do.	E. C. Schmidt.	Expenses.	17 93
16645	..do.	C. E. Magnusson.	..do.	167 29
16646	..do.	H. P. Rusk.	..do.	31 12
16647	..do.	W. F. Langelier.	..do.	56 38
16648	Apr. 29	Reliable Plumbing & Heating Co.	Payment on contract.	576 19
16649	..do.	H. F. Ferguson.	Expenses.	47 33
16650	..do.	Ralph Hilscher.	..do.	51 01
16651	Apr. 30	D. A. Abrams.	Salary, April, 1913.	133 33
16652	..do.	C. C. Adams.	..do.	137 50
16653	..do.	R. M. Alden.	..do.	333 33
16654	..do.	C. W. Alvord.	..do.	145 83
16655	..do.	W. C. Allee.	..do.	120 00
16656	..do.	C. H. Allen.	..do.	30 00
16657	..do.	L. F. Anderson.	..do.	208 33
16658	..do.	S. O. Andros.	..do.	150 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
16659	1913. Apr. 30	June M. Ashley	Salary, April, 1913.	\$ 30 00
16660	do.	Ruth S. Atwell	do.	60 00
16661	do.	Robert Back	do.	75 00
16662	do.	G. D. Bagley	Scholarship, April, 1913.	25 00
16663	do.	W. C. Bagley	Salary, April, 1913.	291 66
16664	do.	Margaret L. Bailey	Fellowship, April, 1913.	50 00
16665	do.	W. H. Bair	Salary, April, 1913.	60 00
16666	do.	L. O. Baker	do.	333 33
16667	do.	R. E. Baker	do.	50 00
16668	do.	E. C. Baldwin	do.	100 00
16669	do.	C. W. Balke	do.	150 00
16670	do.	Panzy Barger	do.	183 33
16671	do.	Bronson Barlow	do.	30 00
16672	do.	J. T. Barrett	do.	50 00
16673	do.	H. H. Bartells	do.	55 33
16674	do.	P. S. Barto	do.	50 00
16675	do.	H. J. Barton	do.	100 00
16676	do.	Edward Bartow	do.	250 00
16677	do.	S. J. Bates	do.	291 66
16678	do.	W. S. Bayley	do.	100 00
16679	do.	G. D. Beal	do.	187 50
16680	do.	J. H. Beard	do.	120 00
16681	do.	J. B. Beck	do.	120 00
16682	do.	J. E. Bell	do.	166 66
16683	do.	D. W. Benedict	do.	60 00
16684	do.	Madison Bentley	do.	291 66
16685	do.	E. J. Berg	do.	250 00
16686	do.	Daisy L. Blaisdell	do.	333 33
16687	do.	D. S. Blondheim	do.	100 00
16688	do.	Leonard Bloomfield	do.	116 66
16689	do.	B. H. Bode	do.	120 00
16690	do.	E. L. Bogart	do.	250 00
16691	do.	G. P. Bloomfilter	do.	250 00
16692	do.	Ethel Bond	do.	130 00
16693	do.	R. L. Borger	do.	83 33
16694	do.	C. V. Boyer	do.	125 00
16695	do.	R. O. Brigham	do.	60 00
16696	do.	Alcee D. Brooks	do.	30 00
16697	do.	Morgan Brooks	do.	250 00
16698	do.	N. C. Brooks	do.	200 00
16699	do.	Verna Brooks	do.	80 00
16700	do.	F. F. Brown	do.	20 00
16701	do.	Elizabeth P. Brush	do.	80 00
16702	do.	J. M. Bryant	do.	183 33
16703	do.	W. A. Buchen	do.	110 00
16704	do.	A. M. Buck	do.	150 00
16705	do.	S. J. Buck	do.	116 66
16706	do.	W. E. Burge	do.	166 66
16707	do.	L. V. Burton	do.	30 00
16708	do.	S. C. Burton	do.	120 00
16709	do.	H. V. Carter	do.	166 66
16710	do.	A. P. Carman	do.	166 66
16711	do.	D. H. Carman	do.	333 33
16712	do.	F. W. Carpenter	do.	208 33
16713	do.	H. E. Carscallen	do.	166 66
16714	do.	H. Y. Carson	do.	75 00
16715	do.	Roy Carter	do.	125 00
16716	do.	A. K. Chittenden	do.	65 40
16717	do.	E. W. Chittenden	do.	229 16
16718	do.	C. E. Clark	do.	120 00
16719	do.	K. A. Clark	do.	166 66
16720	do.	T. A. Clark	do.	30 00
16721	do.	L. D. Coffman	do.	416 66
16722	do.	Alexander Cohn	do.	250 00
16723	do.	A. C. Cole	do.	10 00
16724	do.	Vida L. Collins	do.	130 00
16725	do.	A. F. Comstock	do.	90 00
16726	do.	H. P. Corson	do.	180 00
16727	do.	F. K. Cowley	do.	100 00
16728	do.	Jennie A. Craig	do.	120 00
16729	do.	A. R. Crathorne	do.	75 00
16730	do.	H. L. Creel	do.	141 66
16731	do.	W. E. Cummins	do.	120 00
16732	do.	Florence R. Curtis	do.	15 00
16733	do.	A. H. Daniels	do.	110 00
16734	do.	Juanita E. Darrah	do.	300 00
16735	do.	Lloyd Davis	do.	10 00
16736	do.	R. E. Davis	do.	30 00
16737	do.	B. S. Davidson	do.	100 00
				50 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
16738	Apr. 30	E. H. Decker	Salary, April, 1913.	\$250 00
16739	do.	J. A. Dent	do.	150 00
16740	do.	W. W. Denton	do.	120 00
16741	do.	C. G. Derick	do.	141 66
16742	do.	E. R. Dewarup	do.	250 00
16743	do.	J. K. Dickey	do.	80 00
16744	do.	W. F. Dodd	do.	166 66
16745	do.	D. K. Dodge	do.	250 00
16746	do.	A. B. Donnoske	do.	140 00
16747	do.	G. W. Dowrie	do.	90 00
16748	do.	F. K. W. Drury	do.	166 66
16749	do.	F. O. Dufour	do.	166 66
16750	do.	J. C. Duncan	do.	229 16
16751	do.	J. M. Duncan	do.	90 00
16752	do.	R. S. Dunham	do.	10 00
16753	do.	Fannie Dunlap	do.	55 00
16754	do.	H. H. Dunn	do.	91 66
16755	do.	R. A. Dutcher	do.	60 00
16756	do.	H. S. Earnes	do.	30 00
16757	do.	E. T. Ebersol	do.	30 00
16758	do.	W. C. Ellis	do.	50 00
16759	do.	W. E. Ekblaw	do.	60 00
16760	do.	Frederick Ellis	Salary, April, 1913.	150 00
16761	do.	Arnold Emoh	do.	166 66
16762	do.	M. L. Enger	do.	166 66
16763	do.	E. W. Engle	do.	30 00
16764	do.	N. E. Ensign	do.	120 00
16765	do.	L. B. Emerling	do.	20 00
16766	do.	L. T. Fairhall	do.	30 00
16767	do.	John A. Farlie	do.	250 00
16768	do.	R. N. Fargo	do.	50 00
16769	do.	S. P. Farwell	do.	140 00
16770	do.	E. C. Faust	do.	60 00
16771	do.	Mary E. Fawcett	do.	166 66
16772	do.	Winifred Feltenkamp	do.	75 00
16773	do.	Emma Felsenthal	do.	70 00
16774	do.	H. F. Ferguson	do.	60 00
16775	do.	E. E. Fiero	do.	45 00
16776	do.	E. J. Filbey	do.	166 66
16777	do.	J. W. Fisk	do.	80 00
16778	do.	J. D. Fitz Gerald II.	do.	208 33
16779	do.	E. B. Flanagan	do.	80 00
16780	do.	F. L. Fleener	do.	125 00
16781	do.	V. R. Fleming	do.	40 00
16782	do.	C. H. Fletcher	do.	15 00
16783	do.	G. T. Flom	do.	208 33
16784	do.	J. W. Folsom	do.	166 66
16785	do.	S. A. Forbes	do.	41 66
16786	do.	G. S. Ford	do.	250 00
16787	do.	G. E. Frazer	do.	300 00
16788	do.	J. A. Frisk	do.	91 66
16789	do.	Edward Fulton	do.	175 00
16790	do.	J. W. Garner	do.	250 00
16791	do.	N. B. Garver	do.	150 00
16792	do.	Rosa Lee Gaut	do.	35 00
16793	do.	W. S. Gentry, Jr.	do.	100 00
16794	do.	H. L. Gill	do.	200 00
16795	do.	C. E. Gillett	do.	30 00
16796	do.	Hugh Glasgow	do.	10 00
16797	do.	E. A. Glanz	do.	120 00
16798	do.	H. F. Godake	do.	270 83
16799	do.	Julius Goebel	do.	120 00
16800	do.	H. F. Gommerman	do.	250 00
16801	do.	G. A. Goodenough	do.	90 00
16802	do.	T. G. Goodwin	do.	500 00
16803	do.	W. F. M. Goss	do.	133 33
16804	do.	P. S. Goulding	do.	60 00
16805	do.	Bessie R. Green	do.	291 66
16806	do.	Frederick Green	do.	375 00
16807	do.	E. B. Greene	do.	15 00
16808	do.	D. R. Gregg	do.	125 00
16809	do.	T. H. Guild	do.	60 00
16810	do.	J. E. Gutberlet	do.	80 00
16811	do.	Alta Gwynn	do.	141 66
16812	do.	G. C. Hadermeyer	do.	50 00
16813	do.	H. F. Hadley	Fellowship, April, 1913.	80 00
16814	do.	Stein M. Hagne	Salary, April, 1913.	120 00
16815	do.	H. G. Hale	do.	250 00
16816	do.	W. G. Hale	do.	250 00



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
16817	Apr. 30, 1913.	R. G. Hall.	Salary, April, 1913.	\$ 30 00
16818	do.	Paul Hansen.	do.	250 00
16819	do.	L. G. Hana.	do.	170 00
16820	do.	Sada Harberger.	do.	90 00
16821	do.	O. A. Harding.	do.	150 00
16822	do.	O. A. Harker.	do.	333 33
16823	do.	E. C. Hayes.	do.	233 33
16824	do.	C. M. Hebert.	do.	60 00
16825	do.	G. W. Heitkamp.	do.	40 00
16826	do.	F. E. Held.	do.	50 00
16827	do.	W. S. Hendrix.	do.	85 00
16828	do.	Margaret Herdman.	do.	75 00
16829	do.	R. W. Hess.	do.	30 00
16830	do.	C. K. Hewes.	do.	50 00
16831	do.	F. E. Hill.	do.	80 00
16832	do.	Ralph Hilscher.	do.	100 00
16833	do.	M. E. Hinds.	do.	60 00
16834	do.	Wilhelm Hirschkind.	do.	80 00
16835	do.	Jacob Hordnfield.	do.	100 00
16836	do.	H. C. Holman.	do.	20 00
16837	do.	M. A. Hollishead.	do.	20 00
16838	do.	H. A. Hollister.	do.	222 16
16839	do.	E. E. Hollman.	do.	60 00
16840	do.	B. R. Hopkins.	do.	60 00
16841	do.	J. W. Hornbeck.	do.	120 00
16842	do.	C. R. Horrell.	do.	100 00
16843	do.	C. F. Hottles.	do.	20 00
16844	do.	H. A. Houston.	Fellowship, April, 1913.	208 33
16845	do.	J. E. Huber.	Scholarship, April, 1913.	50 00
16846	do.	H. L. Huemink.	Salary, April, 1913.	25 00
16847	do.	G. A. Huff.	do.	50 00
16848	do.	R. K. Hursch.	do.	250 00
16849	do.	Margaret Hutchins.	do.	100 00
16850	do.	Edmund J. James.	do.	100 00
16851	do.	L. V. James.	do.	75 00
16852	do.	C. E. Jarvin.	do.	1,000 00
16853	do.	Allice Johnson.	do.	37 50
16854	do.	McElroy Johnston.	do.	170 00
16855	do.	H. S. V. Jones.	do.	170 00
16856	do.	Isabel Jones.	do.	150 00
16857	do.	L. T. Jones.	do.	110 00
16858	do.	Ralph Jones.	do.	85 00
16859	do.	R. C. Jones.	do.	90 00
16860	do.	R. T. Jones.	do.	160 00
16861	do.	H. H. Jordan.	do.	140 00
16862	do.	J. C. Jordan.	do.	100 00
16863	do.	Emma R. Jutson.	do.	100 00
16864	do.	J. B. Kaiser.	do.	100 00
16865	do.	Oliver Kann.	do.	100 00
16866	do.	Eleanor G. Karsten.	do.	60 00
16867	do.	C. F. Kelley.	do.	100 00
16868	do.	J. M. Kellog.	do.	130 00
16869	do.	Ruth Kelso.	do.	140 00
16870	do.	A. J. Kempner.	do.	80 00
16871	do.	R. E. Kennedy.	do.	130 00
16872	do.	Ernst Kessler.	do.	110 00
16873	do.	V. A. Keenam.	do.	30 00
16874	do.	Arthur Kiernan.	do.	150 00
16875	do.	A. H. Kimball.	do.	60 00
16876	do.	S. F. Kimball.	do.	140 00
16877	do.	Margaret L. Kingsbury.	do.	120 00
16878	do.	David Kinley.	do.	72 00
16879	do.	J. F. Kohout.	do.	500 00
16880	do.	C. T. Knipp.	do.	100 00
16881	do.	A. H. Koller.	do.	100 00
16882	do.	A. P. Kraiz.	do.	208 33
16883	do.	E. V. Kray.	do.	100 00
16884	do.	A. C. Krey.	Scholarship, April, 1913.	10 00
16885	do.	Jacob Kruz.	Salary, April, 1913.	208 33
16886	do.	Martha J. Kyle.	do.	120 00
16887	do.	E. M. R. Lankey.	do.	60 00
16888	do.	E. T. Lake.	do.	60 00
16889	do.	Marion C. Landee.	do.	150 00
16890	do.	W. F. Langelier.	do.	90 00
16891	do.	E. T. Latham.	do.	100 00
16892	do.	L. M. Larson.	do.	105 00
16893	do.	H. H. Laner.	do.	216 06
16894	do.			150 00
16895	do.			

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
16896	Apr. 30	T. E. Laying.	Salary, April, 1913.	\$ 30 00
16897	.do.	E. H. Leslie.	.do.	30 00
16898	.do.	O. E. Lessing.	.do.	233 33
16899	.do.	O. A. Leutwiler.	.do.	200 00
16900	.do.	I. H. Lillehei.	.do.	90 00
16901	.do.	F. C. Lincoln.	.do.	166 66
16902	.do.	R. H. Linkins.	.do.	30 00
16903	.do.	C. M. Linsley.	.do.	21 66
16904	.do.	Simon Litman.	.do.	183 33
16905	.do.	F. C. Loring.	.do.	120 00
16906	.do.	C. A. Ludwig.	.do.	30 00
16907	.do.	H. T. Lundquist.	.do.	50 00
16908	.do.	E. B. Lytle.	.do.	133 33
16909	.do.	Ellen S. McCarthy.	.do.	120 00
16910	.do.	Lois D. McCobb.	.do.	90 00
16911	.do.	A. B. McDaniel.	.do.	208 33
16912	.do.	Rudolph McDermet.	Fellowship, April, 1913.	50 00
16913	.do.	D. F. McFarland.	Salary, April, 1913.	150 00
16914	.do.	C. G. MacArthur.	.do.	150 00
16915	.do.	Wallace MacFarlane.	Fellowship, April, 1913.	30 00
16916	.do.	A. D. MacGillivray.	Salary, April, 1913.	208 33
16917	.do.	D. A. MacInnes.	.do.	120 00
16918	.do.	A. H. McLean.	.do.	80 00
16919	.do.	C. W. Malcolm.	.do.	150 00
16920	.do.	G. A. Maney.	Fellowship, April, 1913.	50 00
16921	.do.	E. J. Manley.	Salary, April, 1913.	77 77
16922	.do.	F. M. Mann.	.do.	333 33
16923	.do.	F. W. Marquis.	.do.	150 00
16924	.do.	O. R. Martin.	.do.	110 00
16925	.do.	M. S. Mason.	Fellowship, April, 1913.	50 00
16926	.do.	J. M. Mathews.	Salary, April, 1913.	133 33
16927	.do.	G. H. Meyer.	.do.	208 33
16928	.do.	E. B. Millard.	.do.	60 00
16929	.do.	F. H. Millard.	.do.	110 00
16930	.do.	G. A. Miller.	.do.	250 00
16931	.do.	H. W. Miller.	.do.	150 00
16932	.do.	R. M. Miller.	.do.	35 00
16933	.do.	W. S. Miller.	.do.	125 00
16934	.do.	C. H. Mills.	.do.	208 33
16935	.do.	Brainerd Mitchell, Jr.	.do.	130 00
16936	.do.	Margaret Mitchell.	.do.	8 00
16937	.do.	F. W. Mohlman.	.do.	60 00
16938	.do.	H. C. Moore.	.do.	20 00
16939	.do.	H. F. Moore.	.do.	208 33
16940	.do.	O. H. Moore.	.do.	110 00
16941	.do.	Ruby Moore.	.do.	20 00
16942	.do.	E. W. Morphy.	.do.	120 00
16943	.do.	B. C. Morse.	.do.	48 00
16944	.do.	W. E. Mosher.	Fellowship, April, 1913.	50 00
16945	.do.	C. M. Moss.	Salary, April, 1913.	250 00
16946	.do.	Gertrude Moulton.	.do.	116 66
16947	.do.	C. F. Nelson.	.do.	100 00
16948	.do.	W. S. Nelson.	.do.	30 00
16949	.do.	Allan Nevins.	.do.	80 00
16950	.do.	C. R. Newell.	.do.	85 00
16951	.do.	C. E. Noerenberg.	.do.	140 00
16952	.do.	W. A. Noyes.	.do.	333 33
16953	.do.	W. A. Oldfather.	.do.	229 16
16954	.do.	H. L. Olin.	.do.	50 00
16955	.do.	T. E. Oliver.	.do.	208 33
16956	.do.	A. W. Owens.	.do.	30 00
16957	.do.	E. B. Paine.	.do.	208 33
16958	.do.	L. G. Painter.	.do.	120 00
16959	.do.	Rosalie M. Parr.	.do.	80 00
16960	.do.	S. W. Parr.	.do.	291 66
16961	.do.	Adah Patton.	.do.	83 33
16962	.do.	H. G. Paul.	.do.	166 66
16963	.do.	A. S. Pease.	.do.	208 33
16964	.do.	J. C. Pendleton.	.do.	85 00
16965	.do.	Alvah Peterson.	.do.	60 00
16966	.do.	G. W. Pickels.	.do.	130 00
16967	.do.	J. N. Pomeroy.	.do.	183 33
16968	.do.	C. M. Poor.	.do.	130 00
16969	.do.	F. M. Porter.	.do.	130 00
16970	.do.	R. S. Potter.	.do.	50 00
16971	.do.	Anton Prasil.	.do.	10 00
16972	.do.	A. L. Prickett.	.do.	43 33
16973	.do.	D. C. Prince.	Scholarship, April, 1913.	25 00
16974	.do.	B. S. Radcliffe.	Salary, April, 1913.	80 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
16975	Apr. 30	G. H. Radebaugh.	Salary, April, 1913.	\$ 90 00
16976	do.	Otto Rahn.	do.	166 66
16977	do.	O. A. Randolph.	do.	80 00
16978	do.	W. H. Raynor.	do.	110 00
16979	do.	J. W. Read.	do.	50 00
16980	do.	P. J. Rebman.	do.	80 00
16981	do.	E. J. Reece.	do.	150 00
16982	do.	F. W. Reed.	do.	140 00
16983	do.	P. F. Reiff.	do.	50 00
16984	do.	E. A. Rich.	do.	40 00
16985	do.	J. L. Rich.	do.	150 00
16986	do.	C. R. Richards.	do.	333 33
16987	do.	N. C. Ricker.	do.	291 66
16988	do.	H. L. Rietz.	do.	150 00
16989	do.	W. S. Robertson.	do.	166 66
16990	do.	M. H. Robinson.	do.	250 00
16991	do.	C. W. Rolfe.	do.	250 00
16992	do.	S. A. Rowland.	do.	60 00
16993	do.	H. O. Rugg.	do.	120 00
16994	do.	George Rutledge.	do.	60 00
16995	do.	T. E. Savage.	do.	166 66
16996	do.	Olive F. Saxton.	do.	83 33
16997	do.	S. H. Scherfee.	do.	30 00
16998	do.	L. R. Saret.	do.	80 00
16999	do.	E. C. Schmidt.	do.	291 66
17000	do.	H. F. Schneider.	do.	30 00
17001	do.	Clarence School.	do.	10 00
17002	do.	W. F. Schulz.	do.	166 66
17003	do.	G. F. Schwartz.	do.	158 33
17004	do.	F. W. Scott.	do.	183 33
17005	do.	D. L. Scroggin.	do.	120 00
17006	do.	G. W. Sears.	do.	60 00
17007	do.	F. B. Seeley.	do.	140 00
17008	do.	R. S. Seese.	Scholarship, April, 1913.	25 00
17009	do.	N. C. Seidenberg.	Salary, April, 1913.	15 00
17010	do.	A. R. Seymour.	do.	166 66
17011	do.	J. B. Shaw.	do.	187 50
17012	do.	Queen L. Shepherd.	do.	80 00
17013	do.	S. P. Sherman.	do.	266 66
17014	do.	G. A. Shook.	do.	100 00
17015	do.	C. W. Sievert.	do.	10 00
17016	do.	S. L. Simmering.	Fellowship, April, 1913.	30 00
17017	do.	Frances Simpson.	Salary, April, 1913.	166 66
17018	do.	G. E. Simpson.	do.	10 00
17019	do.	C. H. Sisam.	do.	158 33
17020	do.	W. A. Slater.	do.	125 00
17021	do.	Adelle C. Smith.	do.	60 00
17022	do.	Constance B. Smith.	do.	160 00
17023	do.	G. M. Smith.	do.	133 33
17024	do.	Frank Smith.	do.	208 33
17025	do.	J. E. Smith.	do.	125 00
17026	do.	O. H. Smith.	do.	95 00
17027	do.	J. M. Snodgrass.	do.	175 00
17028	do.	E. R. Spencer.	do.	50 00
17029	do.	O. O. Stanley.	do.	70 00
17030	do.	Joel Stebbins.	do.	104 16
17031	do.	Sabra Stevens.	do.	55 00
17032	do.	R. K. Steward.	do.	130 00
17033	do.	C. L. Stewart.	do.	50 00
17034	do.	H. H. Stoek.	do.	333 33
17035	do.	J. W. Stokes.	Fellowship, April, 1913.	50 00
17036	do.	E. B. Stouffer.	Salary, April, 1913.	130 00
17037	do.	E. K. Strachan.	do.	100 00
17038	do.	Lillian Strong.	do.	50 00
17039	do.	E. T. Strong.	do.	95 00
17040	do.	W. G. Stromquist.	do.	100 00
17041	do.	R. T. Stull.	do.	225 00
17042	do.	Horace Stunkard.	do.	30 00
17043	do.	Emerson Sutcliffe.	do.	80 00
17044	do.	A. H. Sutherland.	do.	150 00
17045	do.	A. N. Talbot.	do.	333 33
17046	do.	F. W. Tanner.	do.	60 00
17047	do.	S. C. Taylor.	do.	25 00
17048	do.	W. H. Taylor.	do.	60 00
17049	do.	H. R. Thomas.	Fellowship, April, 1913.	50 00
17050	do.	C. M. Thompson.	Salary, April, 1913.	90 00
17051	do.	D. G. Thompson.	do.	40 00
17052	do.	J. G. Thompson.	do.	160 00
17053	do.	Lambert Thorp.	do.	100 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
17054	Apr. 30	A. J. Tieje.....	Salary, April, 1913.....	\$105 00
17055	..do..	A. J. Todd.....	..do..	104 16
17056	..do..	E. J. Townsend.....	..do..	333 33
17057	..do..	L. L. Townsend.....	..do..	100 00
17058	..do..	Edna A. Treat.....	..do..	90 00
17959	..do..	H. D. Valentine.....	..do..	10 00
17060	..do..	H. J. Van Cleave.....	..do..	60 00
17061	..do..	H. J. Van den Berg.....	..do..	180 00
17062	..do..	G. J. Van Zoeren.....	..do..	30 00
17063	..do..	J. N. Vedder.....	..do..	110 00
17064	..do..	C. G. Vernier.....	..do..	291 66
17065	..do..	E. H. Waldo.....	..do..	166 66
17066	..do..	H. B. Ward.....	..do..	333 33
17067	..do..	E. H. Warner.....	..do..	50 00
17068	..do..	A. R. Warnock.....	..do..	125 00
17069	..do..	E. W. Washburn.....	..do..	183 33
17070	..do..	F. R. Watson.....	..do..	200 00
17071	..do..	H. C. P. Weber.....	..do..	150 00
17072	..do..	N. A. Wells.....	..do..	208 33
17073	..do..	N. A. Weston.....	..do..	229 16
17074	..do..	Mary M. Wetmore.....	..do..	125 00
17075	..do..	J. M. White.....	..do..	333 33
17076	..do..	J. H. Whitten.....	..do..	60 00
17077	..do..	E. A. Wildman.....	..do..	30 00
17078	..do..	C. C. Wiley.....	..do..	150 00
17079	..do..	C. A. Williams.....	..do..	120 00
17080	..do..	E. H. Williams.....	..do..	125 00
17081	..do..	Mary E. Williams.....	..do..	85 00
17082	..do..	F. G. Willson.....	..do..	160 00
17083	..do..	P. L. Windsor.....	..do..	250 00
17084	..do..	R. M. Winger.....	..do..	120 00
17085	..do..	W. J. Wohlenberg.....	Fellowship, April, 1913.....	50 00
17086	..do..	P. S. Woodward.....	Salary, April, 1913.....	35 00
17087	..do..	I. M. Wormser.....	..do..	183 33
17088	..do..	A. B. Wright.....	..do..	50 00
17089	..do..	Ola M. Wyeth.....	..do..	75 00
17090	..do..	T. D. Yensen.....	..do..	100 00
17091	..do..	Jacob Zeitlin.....	..do..	125 00
17092	..do..	Charles Zeleny.....	..do..	208 33
17093	..do..	H. F. Zoller.....	..do..	30 00
17094	..do..	J. E. Ackert.....	Fellowship, April, 1913.....	35 00
17095	..do..	F. H. Adler.....	..do..	35 00
17096	..do..	Josephine E. Burns.....	..do..	35 00
17097	..do..	Margaret V. Cobb.....	..do..	30 00
17098	..do..	Edna L. Forrey.....	..do..	35 00
17099	..do..	D. L. Geyer.....	..do..	35 00
17100	..do..	J. W. Good.....	..do..	40 00
17101	..do..	E. O. Heuse.....	..do..	30 00
17102	..do..	E. A. T. Kircher.....	..do..	30 00
17103	..do..	P. A. Lehenbauer.....	..do..	30 00
17104	..do..	H. H. McGregor.....	..do..	30 00
17105	..do..	L. C. Mathewson.....	..do..	30 00
17106	..do..	L. F. Nickell.....	..do..	40 00
17107	..do..	A. W. Orcutt.....	..do..	35 00
17108	..do..	A. F. Peine.....	..do..	30 00
17109	..do..	C. F. C. Riley.....	..do..	35 00
17110	..do..	Clarissa Rinaker.....	..do..	35 00
17111	..do..	Irma E. Voigt.....	..do..	30 00
17112	..do..	P. S. Welch.....	..do..	35 00
17113	..do..	G. Y. Williams.....	..do..	35 00
17114	..do..	Alice Biester.....	Scholarship, April, 1913.....	25 00
17115	..do..	R. W. Brown.....	..do..	25 00
17116	..do..	D. M. Brumfiel.....	..do..	25 00
17117	..do..	F. E. Clark.....	..do..	25 00
17118	..do..	Jesse L. Conel.....	..do..	25 00
17119	..do..	S. H. Cox.....	..do..	25 00
17120	..do..	E. S. Dowell.....	..do..	25 00
17121	..do..	D. T. Englis.....	..do..	25 00
17122	..do..	Ola M. J. Eskelson.....	..do..	25 00
17123	..do..	S. E. Fauquier.....	..do..	25 00
17124	..do..	S. B. Fracker.....	..do..	25 00
17125	..do..	Byne F. Goodman.....	..do..	25 00
17126	..do..	Sappho C. Graham.....	..do..	25 00
17127	..do..	Ruby M. Grimes.....	..do..	25 00
17128	..do..	Mary A. Haan.....	..do..	25 00
17129	..do..	Homer Hall.....	..do..	25 00
17130	..do..	A. C. Hanford.....	..do..	25 00
17131	..do..	William Hill.....	..do..	25 00
17132	..do..	C. E. Holley.....	..do..	25 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
17133	Apr. 30	Nellie N. Hornor	Scholarship, April, 1913	\$ 25 00
17134	do	J. W. Howard	do	25 00
17735	do	P. W. Ivey	do	25 00
17136	do	Gretchen Lutz	do	25 00
17137	do	Janet M. Macdonald	do	25 00
17138	do	J. E. Miller	do	25 00
17139	do	Edna Mosher	do	25 00
17140	do	J. B. Nathanson	do	25 00
17141	do	F. G. Norbury	do	25 00
17142	do	R. H. Nottleman	do	25 00
17143	do	Cornelia R. Seawell	do	25 00
17144	do	Mary M. Spangler	do	25 00
17145	do	W. A. Swenson	do	25 00
17146	do	Lily B. Voegelien	do	25 00
17147	do	Margaret Washington	do	25 00
17148	do	P. Q. Wright	do	25 00
17149	do	A. E. Zucker	do	25 00
17150	do	Lilla M. Alexander	Salary, April, 1913	60 00
17151	do	W. E. Alley	do	85 00
17152	do	Winifred L. Amos	do	65 00
17153	do	Ethel Ash	do	60 00
17154	do	C. E. Atkinson	do	141 66
17155	do	Mary L. Blackwell	do	50 00
17156	do	L. A. Boice	do	125 00
17157	do	Tabitha J. Broadhurst	do	75 00
17158	do	Ina M. Brown	do	60 00
17159	do	Sarah E. Bryan	do	65 00
17160	do	Edna Clanton	do	50 00
17161	do	Miles Clements	do	19 39
17162	do	Agnes M. Cole	do	75 00
17163	do	C. C. Crawford	do	60 00
17164	do	H. E. Cunningham	do	150 00
17165	do	C. E. Dalton	do	45 00
17166	do	Edith Emigh	do	65 00
17167	do	Frances M. Feind	do	75 00
17168	do	R. I. Fieg	do	50 00
17169	do	Viola Fraser	do	55 00
17170	do	Frances G. Garwood	do	43 33
17171	do	Antoinette Goetz	do	65 00
17172	do	Elizabeth Good	do	40 00
17173	do	Mabel F. Griffith	do	60 00
17174	do	Carmen Harnack	do	55 00
17175	do	Eliza Hart	do	35 00
17176	do	C. H. Havens	do	120 00
17177	do	N. Hay	do	166 66
17178	do	Myrtle E. Heater	do	55 00
17179	do	Fred Hooker	do	45 83
17180	do	Josie B. Houchens	do	75 00
17181	do	A. H. Hull	do	65 00
17182	do	Katie L. Humrichouse	do	50 00
17183	do	Marie Jester	do	45 00
17184	do	Gertrude Johnson	do	55 00
17185	do	J. J. Johnson	do	45 00
17186	do	Gertrude Keech	do	30 00
17187	do	J. H. Kelley	do	166 66
17188	do	Nora Kirwan	do	41 66
17189	do	Aurella Knapp	do	65 00
17190	do	L. E. Knorr	do	140 00
17191	do	Allie Lamb	do	45 00
17192	do	A. R. Lee	do	91 66
17193	do	Louise A. Lietz	do	35 00
17194	do	Stella Lund	do	55 00
17195	do	C. M. McConn	do	233 33
17196	do	Agnes McGurty	do	83 33
17197	do	Jane McMullin	do	40 00
17198	do	L. Mae Manspeaker	do	83 33
17199	do	Jennie Mathers	do	50 00
17200	do	Maudie E. Meneley	do	50 00
17201	do	C. F. Miller	do	75 00
17202	do	Lloyd Morey	do	85 00
17203	do	J. A. Morrow	do	166 66
17204	do	M. W. Murphy	do	110 00
17205	do	Catherine S. Oaks	do	65 00
17206	do	H. D. Oberdorfer	do	166 66
17207	do	Elizabeth C. Peel	do	75 00
17208	do	Thomas Peel	do	55 00
17209	do	F. W. Post	do	75 00
17210	do	Harriet L. Postlewait	do	50 00
17211	do	Myrtle A. Renz	do	65 00

GENERAL UNIVERSITY WARRANTS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
17212	Apr. 30	Clara A. Ricketts.....	Salary, April, 1913.....	\$ 60 00
17213	do.....	Nellie M. Robertson.....	do.....	55 00
17214	do.....	Bertha Sharp.....	do.....	55 00
17215	do.....	Anna L. Shepard.....	do.....	91 66
17216	do.....	T. J. Showers.....	do.....	125 00
17217	do.....	Sara M. Slater.....	do.....	55 00
17218	do.....	Bertram Smith.....	do.....	70 00
17219	do.....	I. M. Smith.....	do.....	108 33
17220	do.....	Jessie A. Smith.....	do.....	100 00
17221	do.....	Mayne L. Smith.....	do.....	65 00
17222	do.....	O. E. Staples.....	do.....	75 00
17223	do.....	Alfred Stetiz.....	do.....	85 00
17224	do.....	Sigurd Strom.....	do.....	55 00
17225	do.....	M. E. Thompson.....	do.....	55 00
17226	do.....	Mary Torrance.....	do.....	150 00
17227	do.....	L. J. Towne.....	do.....	91 66
17228	do.....	G. P. Tuttle.....	do.....	45 00
17229	do.....	Josephine Tyrell.....	do.....	83 33
17230	do.....	Lida E. Volpert.....	do.....	50 00
17231	do.....	Lida E. White.....	do.....	48 00
17232	do.....	B. L. Winchester.....	do.....	75 00
17233	do.....	Alcee L. Wing.....	do.....	52 50
17234	do.....	H. T. Wyringer.....	do.....	50 00
17235	do.....	Helen I. Buckler.....	do.....	100 00
17236	do.....	L. M. Wakeley.....	do.....	118 66
17237	do.....	H. A. Ruete.....	do.....	75 00
17238	do.....	F. A. Pearson.....	do.....	150 00
17239	do.....	W. L. Gaines.....	do.....	65 00
17240	do.....	Florence E. Smith.....	do.....	75 00
17241	do.....	Alcee V. Hamilton.....	do.....	70 00
17242	do.....	Bessie Packard.....	do.....	75 00
17243	do.....	Orr Allyn.....	do.....	70 00
17244	do.....	D. O. Barto.....	do.....	166 66
17245	do.....	F. C. Bauer.....	do.....	125 00
17246	do.....	Isabel Beaver.....	do.....	250 00
17247	do.....	J. C. Blair.....	do.....	418 66
17248	do.....	R. E. Brand.....	do.....	118 66
17249	do.....	Sleeter Bull.....	do.....	100 00
17250	do.....	W. L. Burlison.....	do.....	41 66
17251	do.....	H. C. M. Case.....	do.....	225 00
17252	do.....	W. C. Coffey.....	do.....	133 33
17253	do.....	W. T. Crandall.....	do.....	120 00
17254	do.....	Nina B. Criger.....	do.....	150 00
17255	do.....	L. W. Dickerson.....	do.....	200 00
17256	do.....	H. B. Dörner.....	do.....	166 66
17257	do.....	Nellie Goldthwaite.....	do.....	125 00
17258	do.....	Charlotte Gibbs.....	do.....	100 00
17259	do.....	J. J. Gardner.....	do.....	291 66
17260	do.....	W. J. Fraser.....	do.....	100 00
17261	do.....	L. E. Foglesong.....	do.....	83 33
17262	do.....	Georgia Fleming.....	do.....	150 00
17263	do.....	Augusta D. Evans.....	do.....	166 66
17264	do.....	K. J. T. Ekblaw.....	do.....	125 00
17265	do.....	J. S. Edmunds.....	do.....	110 00
17266	do.....	C. E. Dust.....	do.....	225 00
17267	do.....	Cora E. Gray.....	do.....	291 66
17268	do.....	H. S. Gustafson.....	do.....	150 00
17269	do.....	A. F. Gustafson.....	do.....	225 00
17270	do.....	L. D. Hall.....	do.....	150 00
17271	do.....	W. F. Handchin.....	do.....	250 00
17272	do.....	Leonard Hegnauer.....	do.....	260 00
17273	do.....	L. H. Smith.....	do.....	108 33
17274	do.....	W. H. Smith.....	do.....	90 00
17275	do.....	Grace Stevens.....	do.....	40 00
17276	do.....	J. V. Stevenson.....	do.....	70 00
17277	do.....	J. R. Wells.....	do.....	150 00
17278	do.....	H. W. Stewart.....	do.....	133 33
17279	do.....	Ruth Wheeler.....	do.....	175 00
17280	do.....	N. W. Hopburn.....	do.....	416 66
17281	do.....	C. G. Hopkins.....	do.....	100 00
17282	do.....	R. S. Huice.....	do.....	120 00
17283	do.....	M. E. Jahr.....	do.....	83 33
17284	do.....	W. E. Joseph.....	do.....	153 33
17285	do.....	O. A. Keller.....	do.....	266 96
17286	do.....	L. R. Lang.....	do.....	250 00
17287	do.....	J. W. Lloyd.....	do.....	250 00
17288	do.....	D. McIntosh.....	do.....	266 96
17289	do.....	William Miller.....	do.....	266 96
17290	do.....	J. G. Mosier.....	do.....	266 96

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
17291	Apr. 30	H. W. Mumford	Salary, April, 1913.	\$416 66
17292	do	A. H. Nehrling	do	125 00
17293	do	A. W. Nolan	do	200 00
17294	do	H. N. Parker	do	200 00
17295	do	Maude Parsons	do	100 00
17296	do	Leonora Perry	do	79 16
17297	do	J. H. Pettit	do	250 00
17298	do	B. S. Pickett	do	250 00
17299	do	Helena M. Pincomb	do	133 33
17300	do	V. A. Place	do	83 33
17301	do	B. E. Powell	do	191 66
17302	do	F. H. Rankin	do	250 00
17303	do	C. O. Reed	do	120 00
17304	do	Harriett Rinaker	do	125 00
17305	do	R. R. Root	do	166 66
17306	do	H. P. Rusk	do	175 00
17307	do	F. M. Simpson	do	100 00
17308	do	A. L. Whiting	do	125 00
17309	do	J. J. Yoke	do	83 33
17310	do	J. B. Park	do	150 00
17311	do	W. B. Gernert	do	125 00
17312	do	Jas. Hutchinson	do	100 00
17313	do	F. W. Mincie	do	83 33
17314	do	G. L. Peltier	do	83 33
17315	do	A. J. Gunderson	do	83 33
17316	do	W. A. Ruth	do	125 00
17317	do	O. S. Watkins	do	150 00
17318	do	S. V. Holt	do	150 00
17319	do	E. E. Hoskins	do	150 00
17320	do	Oran Keller	do	70 00
17321	do	W. R. Leightly	do	100 00
17322	do	C. C. Logan	do	150 00
17323	do	W. H. Sachs	do	125 00
17324	do	E. Van Alstine	do	150 00
17325	do	F. W. Wascher	do	83 33
17326	do	H. C. Wheeler	do	150 00
17327	do	J. E. Whitechurch	do	150 00
17328	do	John Woodard	do	70 00
17329	do	J. A. Aumer	do	150 00
17330	do	L. R. Binding	do	70 00
17331	do	R. W. Dickenson	do	70 00
17332	do	F. A. Fisher	do	83 33
17333	do	F. W. Garrett	do	83 33
17334	do	Gertrude Niedham	do	100 00
17335	do	F. W. Wilson	Wages, April, 1913.	30 00
17336	do	Stanley Wilkins	do	40 00
17337	do	George Noe	do	40 00
17338	do	Lawrence Nesbit	do	48 00
17339	do	O. G. Atkinson	do	47 50
17340	do	Fred Pine	do	75 00
17341	do	J. F. Smith	do	65 00
17342	do	H. E. Moore	do	50 00
17343	do	Lawrence Engle	do	24 00
17344	do	W. J. Engle	do	65 00
17345	do	Marjorie H. Gage	do	65 00
17346	do	M. J. Conley	do	75 00
17347	do	Jesse Cook	do	55 00
17348	do	Lucy M. Barto	do	20 00
17349	do	Roy Argo	do	55 00
17350	do	Elmer Valner	do	47 50
17351	do	Ralph Engle	do	26 00
17352	do	L. J. Wells	do	45 00
17353	do	Elizabeth Pulling	do	60 00
17354	do	Frank Sanders	do	50 00
17355	do	George Mink	do	46 50
17356	do	Joe Mink	do	48 00
17357	do	Ben Durman	do	46 00
17358	do	Mabel Halliday	do	60 00
17359	do	Rob Cook	do	47 50
17360	do	Earl Garver	do	65 00
17361	do	Amelia Feldkamp	do	40 00
17362	do	Anna Crathorne	do	50 00
17363	do	H. E. Crouch	do	115 00
17364	do	M. R. Carlson	do	55 00
17365	do	G. W. Beardsley	do	55 00
17366	do	Lillian Poll	do	50 00
17367	do	A. F. Krueger	do	65 00
17368	do	H. C. Lawson	do	55 00
17369	do	Ruah Loveless	do	33 33

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
17370	Apr. 30	Garfield Jones.....	Wages, April, 1913.....	\$50 00
17371	do.	Cornelius Stocker.....	do.	75 00
17372	do.	W. H. Stevens.....	do.	55 00
17373	do.	Ethel Sharp.....	do.	40 00
17374	do.	Otto Schwartz.....	do.	60 00
17375	do.	W. W. Yapp.....	do.	35 00
17376	do.	Loretto White.....	do.	65 00
17377	do.	Andrew Tornquist.....	do.	75 00
17378	do.	Mamie Bunch.....	do.	45 00
17379	do.	M. D. Rose.....	do.	52 50
17380	do.	Olive G. Reid.....	do.	50 00
17381	do.	Freda O. Stricklan.....	do.	65 00
17382	do.	Harrison Fahrnkopf.....	do.	60 00
17383	do.	Marion B. Gallaher.....	do.	40 00
17384	do.	H. C. Gilkerson.....	do.	60 00
17385	do.	A. F. Heck.....	do.	50 00
17386	do.	Emma L. Custer.....	do.	70 00
17387	do.	W. L. Harry.....	do.	83 33
17388	do.	Harley Foor.....	do.	55 00
17389	do.	T. P. Crawford.....	do.	50 00
17390	do.	Hazel Cover.....	do.	60 00
17391	do.	C. F. Brown.....	do.	45 00
17392	do.	Mildred Buckles.....	do.	65 00
17393	do.	E. J. Brown.....	do.	45 00
17394	do.	I. F. Burdick.....	do.	75 00
17395	do.	C. F. Burge.....	do.	45 00
17396	do.	James O'Brien.....	do.	50 00
17397	do.	Elmer Roberts.....	do.	37 50
17398	do.	Ruth Burt.....	do.	25 00
17399	do.	R. C. Glover.....	do.	40 00
17400	do.	L. E. Baker.....	do.	45 00
17401	do.	Winifred McIntosh.....	do.	10 00
17402	do.	Earl Meenach.....	do.	60 00
17403	do.	J. H. Mount.....	do.	50 00
17404	do.	Sadie Jones.....	do.	50 00
17405	do.	Phillip Walters.....	do.	75 00
17406	do.	Paul Hayhurst.....	do.	32 40
17407	do.	Clarence Horning.....	do.	45 00
17408	do.	Wm. Hough.....	do.	83 33
17409	do.	Chester Turner.....	do.	50 00
17410	do.	D. C. Sprinkle.....	do.	50 00
17411	do.	E. H. Jenkins.....	do.	60 00
17412	do.	Guy Shaffer.....	do.	50 00
17413	do.	H. H. Wheeler.....	do.	65 00
17414	do.	R. S. Scholl.....	do.	17 75
17415	do.	Alpha Tornquist.....	do.	25 00
17416	do.	Edward Brown.....	do.	45 00
17417	do.	W. T. Craig.....	do.	83 33
17418	do.	L. A. Hunter.....	do.	70 00
17419	do.	Will Patterson.....	do.	47 50
17420	do.	P. O. Moore.....	do.	45 00
17421	do.	H. D. McQueen.....	do.	45 00
17422	do.	W. L. Bennett.....	do.	60 00
17423	do.	G. Donohue.....	do.	45 00
17424	do.	L. Donohue.....	do.	50 00
17425	do.	Hazel Rhoades.....	do.	55 00
17426	do.	R. Pritchard.....	do.	55 00
17427	do.	H. Pritchard.....	do.	65 00
17428	do.	L. F. Frizzell.....	do.	27 72
17429	do.	Ralph Chaplin.....	do.	60 00
17430	do.	Claude Harrolle.....	do.	40 00
17431	do.	J. C. Anderson.....	do.	65 00
17432	do.	G. L. Rigg.....	do.	36 92
17433	do.	Alice Reed.....	do.	50 00
17434	do.	Flora M. Sims.....	do.	83 33
17435	do.	R. S. Smith.....	do.	52 50
17436	do.	J. R. Kelley.....	do.	52 50
17437	do.	John Lankford.....	do.	60 00
17438	do.	W. A. McIntire.....	do.	50 00
17439	do.	Mary Millar.....	do.	65 00
17440	do.	O. I. Ellis.....	do.	60 00
17441	do.	T. Fullenwider.....	do.	55 00
17442	do.	F. W. Gault.....	do.	80 00
17443	do.	C. C. Chapman.....	do.	83 33
17444	do.	C. A. Campbell.....	do.	60 00
17445	do.	A. E. Burwash.....	do.	55 00
17446	do.	B. L. Bowling.....	do.	70 00
17447	do.	W. W. Peters.....	do.	20 00
17448	do.	L. M. Apgar.....	do.	20 00



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
17449	Apr. 30, 1913.	Harold Bolander.....	Wages, April, 1913.....	\$ 12 10
17450	do.	Florence Stoutzenberg.....	do.	25 00
17451	do.	Horace Ingalls.....	do.	60 00
17452	do.	Della Rogers.....	do.	40 00
17453	do.	Burt Hays.....	do.	69 15
17454	do.	J. K. Tutbill.....	do.	18 00
17455	do.	W. S. Goodspeed.....	do.	83 33
17456	do.	Pearl Cunningham.....	do.	38 30
17457	do.	Franc Durley.....	Salary, April, 1913.....	50 00
17458	do.	Arthur Semple.....	Wages, April, 1913.....	20 83
17459	do.	R. F. Harvey.....	do.	14 70
17460	do.	C. E. Trout.....	do.	25 50
17461	do.	A. L. Sowers.....	do.	93 15
17462	do.	C. H. Rehling.....	do.	25 55
17463	do.	Evalena Bowen.....	do.	40 85
17464	do.	R. F. Shafter.....	do.	13 74
17465	do.	W. Brown.....	do.	8 00
17466	do.	A. P. Kelly.....	do.	26 60
17467	do.	C. R. Sinclair.....	do.	52 00
17468	do.	A. O. Magnuson.....	do.	80 00
17469	do.	G. E. Wright.....	do.	74 25
17470	do.	Bryne L. Ray.....	do.	25 00
17471	do.	T. E. O'Donnell.....	do.	16 40
17472	do.	Charles Warriner.....	do.	18 50
17473	do.	Kenneth Brown.....	do.	11 75
17474	do.	Ethel V. Manley.....	do.	58 60
17475	do.	A. M. Bagushin.....	do.	15 00
17476	do.	E. V. Rugg.....	do.	30 80
17477	do.	F. C. Hare.....	do.	35 20
17478	do.	G. Christy.....	do.	11 60
17479	do.	Isabella Anderson.....	do.	15 80
17480	do.	Otto Schmiener.....	do.	17 80
17481	do.	Lucille Cravens.....	do.	15 50
17482	do.	Belle Cleghorn.....	do.	14 20
17483	do.	Julius Goebel, Jr.....	do.	12 40
17484	do.	H. T. Wood.....	do.	19 20
17485	do.	E. O. Fontaine.....	do.	10 60
17486	do.	C. R. Dietmer.....	do.	10 60
17487	do.	H. G. Atkinson.....	do.	14 50
17488	do.	F. R. Miller.....	do.	12 00
17489	do.	G. F. Sutherland.....	do.	10 00
17490	do.	Eleanor Hubbard.....	do.	22 00
17491	do.	Mary M. Moss.....	do.	25 00
17492	do.	Myra Warner.....	do.	70 00
17493	do.	Grace J. Maxwell.....	do.	18 75
17494	do.	Minnie E. Watson.....	do.	18 75
17495	do.	Gertrude Johnson.....	do.	45 00
17496	do.	A. J. Stoneburner.....	do.	19 00
17497	do.	R. L. Heganer.....	do.	11 80
17498	do.	Wm. E. Carr.....	do.	14 90
17499	do.	R. L. Bentley.....	do.	17 30
17500	do.	A. A. Odell.....	do.	37 38
17501	do.	H. J. Hannah.....	do.	27 80
17502	do.	E. J. Wilford.....	do.	22 75
17503	do.	Robert W. Lord.....	do.	24 50
17504	do.	E. H. Walworth.....	do.	11 13
17505	do.	H. E. Summers.....	do.	31 80
17506	do.	H. J. Snider.....	do.	14 61
17507	do.	B. M. Kisselburg.....	do.	23 35
17508	do.	C. A. Patton.....	do.	23 45
17509	do.	W. M. Sheldon.....	do.	29 05
17510	do.	K. A. McCaskill.....	do.	13 20
17511	do.	C. G. Cox.....	do.	11 94
17512	do.	Frances E. McClughen.....	Wages and expenses.....	38 32
17513	do.	Edgar Hermann.....	Wages, April, 1913.....	50 00
17514	do.	William Heath.....	do.	13 30
17515	do.	J. F. Gauger.....	do.	6 00
17516	do.	J. M. Lindgren.....	do.	100 70
17517	do.	M. Ressler.....	do.	83 15
17518	do.	W. A. Hooker.....	do.	53 65
17519	do.	F. A. Farris.....	do.	40 00
17520	do.	W. E. Childs.....	do.	50 00
17521	do.	Bertha G. States.....	do.	14 09
17522	do.	Wm. C. Deiss.....	do.	77 80
17523	do.	Lloyd Schwartz.....	do.	10 80
17524	do.	Geo. Kelly.....	do.	10 20
17525	do.	Marie A. Gordon.....	do.	50 00
17526	do.	Ethel Berlin.....	do.	50 00
17527	do.	S. Fred Prince.....	do.	50 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
17528	Apr. 30	Russell Orrill	Wages, April, 1913	\$ 22 50
17529	do.	Frank Wilson	do.	38 40
17530	do.	J. E. Bailey	do.	52 00
17531	do.	W. M. Atwell	do.	54 00
17532	do.	C. E. Arrington	do.	62 00
17533	do.	William Fogarty	do.	56 00
17534	do.	Frank Fogarty	do.	54 00
17535	do.	John Snyder	do.	54 00
17536	do.	B. L. Reed	do.	53 20
17537	do.	Arthur Moran	do.	63 80
17538	do.	James Irvine	do.	54 00
17539	do.	Frank Irvine	do.	95 80
17540	do.	W. G. Hixon	do.	51 30
17541	do.	Edward Hargan	do.	61 60
17542	do.	Samuel Hansen	do.	63 80
17543	do.	Rolla S. Carson	do.	55 80
17544	do.	Thos. Butler	do.	57 77
17545	do.	D. M. Bullock	do.	62 40
17546	do.	Harry Brown	do.	62 00
17547	do.	Basil Brown	do.	65 09
17548	do.	John Brannigan	do.	83 00
17549	do.	G. W. Boyer	do.	65 80
17550	do.	A. J. Booker	do.	93 60
17551	do.	John Begley	do.	62 20
17552	do.	V. R. Barnes	do.	82 00
17553	do.	Howard Downing	do.	60 52
17554	do.	E. P. Dibble	do.	81 84
17555	do.	Jos. Davis	do.	69 20
17556	do.	F. Cunningham	do.	130 05
17557	do.	F. Crathorne	do.	78 60
17558	do.	John Ceduoskey	do.	72 00
17559	do.	J. J. Fiscus	do.	52 60
17560	do.	Louie Fender	do.	70 62
17561	do.	Fred Fender	do.	79 80
17562	do.	Herman Fechtruph	do.	58 00
17563	do.	Thos. J. Fay	do.	93 00
17564	do.	B. F. English	do.	54 20
17565	do.	G. C. Griffin	do.	59 80
17566	do.	P. R. Greenman	do.	15 60
17567	do.	W. H. Graybeal	do.	58 00
17568	do.	V. S. Glenn	do.	53 80
17569	do.	C. Y. Freeman	do.	57 00
17570	do.	T. F. Franklin	do.	58 30
17571	do.	Guy Fox	do.	72 30
17572	do.	R. D. Hull	do.	15 00
17573	do.	F. F. Hoover	do.	53 60
17574	do.	T. O. Henderson	do.	102 55
17575	do.	T. F. Harper	do.	58 00
17576	do.	Sell Hamlin	do.	52 00
17577	do.	A. C. Litton	do.	57 60
17578	do.	E. C. Lewis	do.	69 00
17579	do.	Fred Langhoff	do.	58 20
17580	do.	A. Langhoff	do.	78 60
17581	do.	J. A. J. Klem	do.	71 40
17582	do.	E. W. Justus	do.	108 00
17583	do.	Margaret Jones	do.	41 60
17584	do.	C. C. Johnson	do.	62 00
17585	do.	P. S. Jeffers	do.	57 20
17586	do.	Ross Hutton	do.	54 20
17597	do.	A. J. McAlister	do.	75 90
17588	do.	John Low	do.	55 20
17589	do.	Thos. Long	do.	75 00
17590	do.	J. F. Long	do.	62 40
17591	do.	O. E. Meenach	do.	67 40
17592	do.	U. G. May	do.	52 60
17593	do.	H. H. Mahorney	do.	61 20
17594	do.	Ora McGhee	do.	13 80
17595	do.	Jas McCullough	do.	56 60
17596	do.	Frances McClughen	do.	41 60
17597	do.	A. Servis	do.	62 40
17598	do.	Mary Ryan	do.	41 60
17599	do.	Ed Richards	do.	90 43
17600	do.	William Quinn	do.	69 20
17601	do.	J. F. Purkins	do.	55 00
17602	do.	F. M. Perry	do.	61 60
17603	do.	Jacob Nikolaus	do.	62 00
17604	do.	J. R. Newton	do.	78 77

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
17605	Apr. 30	Ruthe Murphey.....	Wages, April, 1913.....	\$ 56 16
17606	..do....	Uriah Moreland.....	..do.....	46 80
17607	..do....	Rebecca Morgan.....	..do.....	41 60
17608	..do....	C. M. Miller.....	..do.....	52 60
17609	..do....	Jesse Meyers.....	..do.....	57 60
17610	..do....	Nathan Meltz.....	..do.....	13 20
17611	..do....	Dan Meneely.....	..do.....	59 34
17612	..do....	William Wilde.....	..do.....	90 00
17613	..do....	Ed Wharmby.....	..do.....	61 40
17614	..do....	August Warmbier.....	..do.....	62 70
17615	..do....	P. T. Walters.....	..do.....	23 40
17616	..do....	F. M. Van Natter.....	..do.....	19 80
17617	..do....	Phillip Udinsky.....	..do.....	22 40
17618	..do....	Henry Turner.....	..do.....	56 00
17619	..do....	Geo. Turner.....	..do.....	57 40
17620	..do....	Geo. Toy.....	..do.....	55 40
17621	..do....	I. F. Tillotson.....	..do.....	68 31
17622	..do....	William Templin.....	..do.....	75 00
17623	..do....	L. M. Stearns.....	..do.....	62 00
17624	..do....	Frank Stateler.....	..do.....	72 87
17625	..do....	Orbal Snook.....	..do.....	51 60
17626	..do....	J. J. Herbert.....	..do.....	69 30
17627	..do....	R. F. Downs.....	..do.....	14 00
17628	..do....	Russell Ensor.....	..do.....	34 00
17629	..do....	Clyde Hawkins.....	..do.....	18 00
17630	..do....	S. J. Farlow.....	..do.....	15 60
17631	..do....	E. A. Schwing.....	..do.....	22 80
17632	..do....	H. J. Vanderbeek.....	..do.....	66 56
17633	..do....	Florence Nyberg.....	..do.....	50 00
17634	..do....	Daisy Swearingen.....	..do.....	50 00
17635	..do....	M. L. Nebel.....	..do.....	12 13
17636	..do....	S. T. Wallage.....	..do.....	31 00
17637	..do....	F. H. Colyer.....	..do.....	7 50
17638	..do....	G. W. Porter.....	..do.....	60 00
17639	..do....	K. C. Babcock.....	Salary, April, 23-30, 1913.....	112 17
17640	..do....	Edward Barbaum.....	Wages, April, 1913.....	68 10
17641	..do....	George Smalley.....	..do.....	21 60
17642	..do....	W. W. Trimble.....	..do.....	39 02
17643	..do....	C. E. Mattoon.....	..do.....	52 00
17644	..do....	F. H. Kelley.....	..do.....	20 10
17645	..do....	W. J. Smith.....	..do.....	122 00
17646	..do....	Wesley Wilson.....	..do.....	90 00
17647	..do....	J. H. Vandiverter.....	..do.....	93 60
17648	..do....	Chas. Hill.....	..do.....	53 60
17649	..do....	W. H. Clark.....	..do.....	97 60
17650	..do....	Pete Davis.....	..do.....	69 30
17651	..do....	Harry Higgins.....	..do.....	77 00
17652	..do....	W. J. Langhoff.....	..do.....	59 62
17653	..do....	J. E. Morgan.....	..do.....	38 00
17654	..do....	Marion E. Sparks.....	..do.....	42 00
17655	..do....	M. C. Booher.....	..do.....	86 40
17656	..do....	Chas. Gundlock.....	..do.....	55 50
17657	..do....	D. Vauble.....	..do.....	60 25
17658	..do....	C. I. Newlin.....	..do.....	75 00
17659	Apr. 25	G. C. Gordon.....	Dairy products furnished the department of dairy husbandry ..	5 71
17660	..do....	Fred Thompson.....	..do.....	4 20
17661	..do....	I. H. Besore.....	..do.....	3 28
17662	..do....	Mart Watterson.....	..do.....	5 18
17663	..do....	J. H. Schwengel.....	..do.....	2 87
17664	..do....	E. J. Percival.....	..do.....	2 17
17665	..do....	T. P. Lyons.....	..do.....	6 09
17666	..do....	O. W. Hampton.....	..do.....	1 38
17667	..do....	David Wilkins.....	..do.....	4 55
17668	..do....	M. Hudson.....	..do.....	6 72
17669	..do....	H. C. Kaufman.....	..do.....	4 38
17670	..do....	A. W. McDaniels.....	..do.....	4 13
17671	..do....	James Freeman.....	..do.....	7 07
17672	..do....	L. P. Brackemeyer.....	..do.....	3 19
17673	..do....	James Fisher.....	..do.....	5 60
17674	..do....	T. A. McCracken.....	..do.....	3 89
17675	..do....	Nicholas Hahn.....	..do.....	7 95
17676	..do....	S. Kaufman & Co.....	..do.....	6 17
17677	..do....	J. E. Haney.....	..do.....	4 53
17678	..do....	A. G. Krukewitt.....	..do.....	5 32
17679	..do....	David Hahn.....	..do.....	5 32
17680	..do....	R. H. Brewer.....	..do.....	3 15
17681	..do....	T. M. Ghere.....	..do.....	6 72
17682	..do....	E. R. Canady.....	..do.....	6 86

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
17683	Apr. 25	T. Crane.....	Dairy products furnished the department of dairy husbandry ..	\$ 1 96
17684	do.	C. M. Reed.....	do.	2 24
17685	do.	Geo. Herriott.....	do.	11 20
17686	do.	W. W. Herriott.....	do.	6 13
17687	do.	C. M. VanMeter.....	do.	3 85
17688	do.	G. W. VanMeter.....	do.	4 83
17689	do.	W. J. Wilson.....	do.	4 17
17690	do.	C. A. Fogel.....	do.	3 54
17691	do.	G. A. Curzon.....	do.	9 80
17692	do.	J. M. Herriott.....	do.	3 50
17693	do.	John Rueb.....	do.	3 71
17694	do.	J. H. Rutan.....	do.	4 59
17695	do.	C. A. Richman.....	do.	4 90
17696	do.	F. H. Busey.....	do.	7 84
17697	do.	W. Davis.....	do.	2 56
17698	do.	D. W. Shiveley.....	do.	4 48
17699	do.	L. F. Bialeschki.....	do.	4 17
17700	do.	M. Cherry.....	do.	3 99
17701	do.	I. H. Gordon.....	do.	7 04
17702	do.	W. C. Welch.....	do.	6 37
17703	do.	I. W. Maxwell.....	do.	4 17
17704	do.	G. M. Seeber.....	do.	5 60
17705	do.	W. H. Webb.....	do.	1 61
17706	do.	C. J. VonHolten.....	do.	5 60
17707	Apr. 28	O. E. Staples, Chief Clerk.....	Payments on account of milk products.....	335 58
17708	Apr. 30	J. M. Lindgren.....	Wages, April, 1913.....	15 00
17709	do.	Ralph Swearingen.....	do.	21 00
17710	do.	L. S. Baldwin.....	do.	46 00
17711	do.	E. E. Craig.....	do.	13 25
17712	do.	F. T. Sheets.....	Wages, March and April, 1913.....	12 00
17713	do.	Clint Sayer.....	Wages, April, 1913.....	35 00
17714	Apr. 29	Sturges & Burn Mfg. Co.....	Cans.....	30 30
17715	do.	A. H. Thomas Co.....	Laboratory apparatus.....	7 87
17716	do.	J. S. Kibler.....	Land.....	125 00
17717	do.	G. A. Keller.....	Abstract of title.....	19 50
17718	do.	Jewell Belting Co.....	Belt.....	2 32
17719	do.	Jahn & Ollier Engraving Co.....	Half-tones.....	19 10
17720	do.	Levy Fils Et Cie.....	Slides.....	13 17
17721	do.	Neue Photographische Gesellschaft.....	Supplies.....	14 80
17722	do.	Metzler & Schafer Co.....	Groceries.....	27 48
17723	do.	Geo. A. Turrell.....	Premium.....	65 09
17724	do.	Scott Paper Co.....	Drinking cups.....	10 00
17725	do.	H. F. Mitchell Co.....	Tools.....	8 44
17726	do.	Haage & Schmidt.....	Seeds.....	10 57
17727	do.	F. A. C. Smith.....	Services, April, 1913.....	125 00
17728	do.	Irving-Pitt Mfg. Co.....	Supplies.....	1 48
17729	do.	International Harvester Co.....	do.	10 70
17730	do.	Jacquin & Co.....	Stationery.....	6 26
17731	do.	Western Electric Co.....	Cleats.....	6 97
17732	do.	August Gerber.....	Models.....	196 68
17733	do.	Illinois Printing Co.....	Printing.....	250 65
17734	do.	James Mfg. Co.....	Stalls.....	33 50
17735	do.	H. W. Johns-Manville Co.....	Labor and material.....	60 06
17736	do.	The R. W. McCreedy Cork Co.....	Corks.....	4 41
17737	do.	Burke & James.....	Supplies.....	4 50
17738	do.	B. C. Ames.....	do.	13 29
17739	do.	Central Offices of the Society of Friends.....	Books.....	37 52
17740	do.	Illinois Book Exchange.....	do.	20 00
17741	do.	Luzac & Co.....	do.	5 25
17742	do.	The Gouglas Mfg. Co. of Illinois.....	Supplies.....	7 29
17743	do.	The Grasselli Chemical Co.....	Chemicals.....	19 00
17744	do.	The Illinois Commercial Apple Growers' Assn.....	Lime and lead.....	27 90
17745	do.	E. Schweizerbort.....	Books.....	4 83
17746	do.	Martinus Nijhoff.....	do.	10 12
17747	do.	Alphonse Picard & Fils.....	do.	14 73
17748	do.	Max Weg.....	do.	68 83
17749	do.	The Tabard Inn Book Co.....	do.	12 49
17750	do.	Scientific American.....	do.	2 50
17751	do.	Plekering & Chatto.....	do.	29 50
17752	do.	P. Wytzman.....	do.	49 91
17753	do.	James Tregaskis.....	do.	28 47
17754	do.	R. Friedlander & Sohn.....	do.	23 55
17755	do.	Dulan & Co., Ltd.....	do.	9 31
17756	do.	Bernard Quaritch.....	Book.....	2 18
17757	do.	The Mining World.....	do.	1 50
17758	do.	Remington Typewriter Co.....	Machine.....	94 50

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
17759	Apr. 29	J. O. Toland.....	Seeds.....	\$ 4 75
17760	..do....	Ed Gordin.....	Team.....	425 00
17761	..do....	Alexander H. Revell & Co.....	Cushions.....	54 00
17762	..do....	Central Electric Co.....	Supplies.....	13 68
17763	..do....	The Alexander Lumber Co.....	..do....	72 78
17764	..do....	The Miller Harness Co.....	..do....	29 30
17765	..do....	Otto Harrassowitz.....	Books.....	29 90
17766	..do....	J. Terquem & Cie.....	..do....	154 29
17767	..do....	A. C. McClurg & Co.....	..do....	50 95
17768	..do....	Stipes & Hecker.....	Sand.....	63 99
17769	..do....	John H. Doyle.....	Hardware.....	11 99
17770	..do....	J. W. Butler Paper Co.....	Stationery.....	20 84
17771	..do....	Mittendorf & Kiler.....	Furniture.....	69 92
17772	..do....	Bacon Borthers.....	Paints, etc.....	21 10
17773	Apr. 28	Geo. Schiff.....	Dairy products furnished the de-	
			partment of dairy husbandry ..	5 73
17774	..do....	Ralph Smith.....	..do....	2 29
17775	..do....	W. H. Whittenberg.....	..do....	4 32
17776	..do....	J. R. Hightower.....	..do....	4 32
17777	..do....	S. T. Carter.....	..do....	3 46
17778	..do....	F. C. Stevenson.....	..do....	4 12
17779	..do....	W. A. Ashworth.....	..do....	3 65
17780	..do....	E. R. Hamm.....	..do....	4 34
17781	..do....	S. Kaufman & Co.....	..do....	4 61
17782	Apr. 29	The Wabash R. R., Champaign.....	Freight.....	1 79
17783	..do....	C. C. C. & St. L. Ry. Co., Urbana.....	..do....	33 40
17784	..do....	The Wabash R. R., Urbana.....	..do....	36 51
17785	..do....	The Wabash R. R., Urbana.....	..do....	33 03
17786	..do....	United States Express Co, Urbana.....	Express.....	73 14
17787	..do....	Western Union Telegraph Co.....	Service.....	23 64
17788	Apr. 30	A. L. Bevis.....	Wages, April, 1913.....	24 80
17789	..do....	C. W. Clark.....	..do....	10 40
17790	..do....	Albon Bevis.....	..do....	143 00
17791	..do....	C. A. Dunseth.....	..do....	93 60
17792	..do....	Martin Sandwell.....	..do....	86 40
17793	..do....	A. W. McDaniels.....	Dairy products furnished the de-	
			partment of dairy husbandry ..	3 36
17794	..do....	E. J. Peroival.....	..do....	1 66
17795	..do....	J. E. Henderson.....	..do....	3 78
17796	..do....	J. F. Hoy.....	..do....	4 07
17797	..do....	H. C. Kaufman.....	..do....	4 21
17798	..do....	G. F. Diefenbach.....	..do....	1 98
17799	..do....	L. F. Lindsey.....	..do....	1 33
17800	..do....	R. T. Lumsden.....	..do....	3 49
17801	..do....	H. Wascher.....	..do....	3 68
17802	..do....	R. A. Lumsden.....	..do....	2 98
17803	..do....	W. F. Hampton.....	..do....	4 64
17804	..do....	J. H. Schwengel.....	..do....	3 55
17805	..do....	A. J. Putscher.....	..do....	1 36
17806	..do....	C. C. Gordon.....	..do....	7 58
17807	..do....	R. S. McInnes.....	..do....	2 63
17808	..do....	O. A. McInnes.....	..do....	3 21
17809	..do....	J. M. Stickrod.....	..do....	8 88
17810	..do....	E. R. Canady.....	..do....	3 26
17811	..do....	J. B. Marsh.....	..do....	4 61
17812	..do....	W. E. Yount.....	..do....	5 98
17813	..do....	F. Krukewitt.....	..do....	5 12
17814	..do....	W. E. Satterfield.....	..do....	4 74
17815	..do....	F. W. Howell.....	..do....	3 90
17816	..do....	E. M. Frankenbergl.....	..do....	3 55
17817	..do....	L. P. Rayburn.....	..do....	6 85
17818	..do....	G. W. VanMeter.....	..do....	4 74
17819	..do....	S. Herriott.....	..do....	1 50
17820	..do....	C. C. Rayburn.....	..do....	4 00
17821	..do....	Frank Knox.....	..do....	4 10
17822	..do....	G. W. Miller.....	..do....	4 67
17823	..do....	A. Kroner.....	..do....	5 43
17824	..do....	A. W. McJilton.....	..do....	3 84
17825	..do....	Len Rayburn.....	..do....	11 52
17826	..do....	W. E. Heyer.....	..do....	3 92
17827	..do....	C. M. Reed.....	..do....	3 51
17828	..do....	Wm. Vanbuskirk.....	..do....	4 45
17829	..do....	W. C. Welch.....	..do....	3 94
17830	..do....	F. H. Busey.....	..do....	5 25
17831	..do....	Z. C. Keene.....	..do....	4 42
17832	..do....	Chas. Wilson.....	..do....	5 18
17833	..do....	John McHugh.....	..do....	2 53
17834	..do....	Frank Sheffer.....	..do....	4 27
17835	..do....	C. A. Fogel.....	..do....	7 42

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
17836	1913. Apr. 30	Pearl Hazen.....	Dairy products furnished the de- partment of dairy husbandry ..	\$ 2 82
17837	..do....	J. M. Herriott.....	..do....	3 39
17838	..do....	John Rueb.....	..do....	3 12
17839	..do....	Wm. Case.....	..do....	4 61
17840	..do....	W. J. Wilson.....	..do....	4 38
17841	..do....	M. Leigh.....	..do....	2 72
17842	..do....	Z. Alsip.....	..do....	2 98
17843	..do....	Andrew Shields.....	..do....	5 94
17844	..do....	C. J. Gillespie.....	..do....	4 80
17845	..do....	J. E. Haney.....	..do....	6 00
17846	..do....	Wm. Brown.....	..do....	4 80
17847	..do....	B. F. Thomas.....	..do....	4 48
17848	..do....	Geo. Herriott.....	..do....	10 24
17849	..do....	W. L. Davis.....	..do....	4 98
17850	..do....	T. M. Guym.....	..do....	5 62
17851	..do....	J. A. R. Koch.....	..do....	5 98
17852	..do....	I. H. Gordon.....	..do....	4 74
17853	..do....	Margaret C. Foss.....	Wages, April, 1913.....	40 00
17854	May 1	C. C. & St. L. Ry. Co.....	Freight.....	19 49
17855	..do....	W. C. Sigerson.....	Wages, April, 1913.....	14 75
17856	..do....	L. F. Baldwin.....	..do....	13 20
17857	..do....	J. G. Penn.....	Wages, March and April, 1913.....	12 60
17858	..do....	R. M. Stevens.....	Wages, April, 1913.....	19 00
17859	..do....	G. G. White.....	..do....	11 75
17860	..do....	Otis Wood.....	..do....	22 75
17861	..do....	R. R. Danielson.....	..do....	29 00
17862	..do....	W. L. Howat.....	..do....	28 88
17863	..do....	J. Rachwalski.....	..do....	60 00
17864	..do....	Verna A. Manley.....	..do....	31 25
17865	..do....	J. M. Lindgren.....	..do....	125 00
17866	..do....	The Graton & Knight Mfg. Co.....	Belt.....	83 85
17867	..do....	Geo. F. Paulsen.....	Wages, April, 1913.....	33 30
17868	..do....	J. L. Edmonds.....	Expenses.....	9 84
17869	..do....	Wilson Eyre & McIlvaine.....	Labor and material.....	6 30
17870	..do....	John Reichard.....	Oats.....	72 50
17871	..do....	General Chemical Co.....	Supplies.....	132 28
17872	..do....	A. H. Sutherland.....	Traveling expenses.....	14 66
17873	..do....	V. A. Ketcham.....	..do....	11 07
17874	..do....	E. F. Stearns.....	Printing and hall rent.....	9 00
17875	..do....	Florence E. Watson.....	Expenses.....	28 24
17876	..do....	Geo. E. Frazer.....	..do....	16 39
17877	..do....	Verna Brooks.....	..do....	7 29
17878	..do....	Gertrude E. Moulton.....	..do....	13 24
17879	..do....	A. W. Nolan.....	..do....	6 35
17880	..do....	Wilhelm Miller.....	..do....	31 42
17881	..do....	H. B. Dörner.....	..do....	94 04
17882	..do....	C. W. Murphy.....	Tickets.....	7 00
17883	..do....	The H. Cole Co.....	Apparatus.....	134 10
17884	..do....	Lewis Electric Supply Co.....	Labor and material.....	102 60
17885	..do....	The Carson-Payson Co.....	..do....	900 00
17886	..do....	The E. G. Hill Co.....	Plants, etc.....	67 24
17887	..do....	Pantagraph Printing & Stationery Co.....	Printing.....	380 09
17888	..do....	Paul Hansen.....	Expenses.....	58 59
17889	..do....	R. R. Donnelley & Sons Co.....	Labor and supplies.....	96 88
17890	..do....	S. E. Dillavou.....	Hardware.....	127 55
17891	..do....	Walker & Mulliken.....	Furniture.....	140 90
17892	..do....	National Engraving Co.....	Labor and material.....	272 00
17893	..do....	E. H. Sargent & Co.....	Laboratory supplies.....	329 77
17894	..do....	Ernst Hertzberg & Sons.....	Bookbinding.....	279 50
17895	..do....	J. M. Smith.....	Dairy products furnished the de- partment of dairy husbandry ..	16 21
17896	..do....	R. Graham.....	..do....	3 74
17897	..do....	S. Atkinson.....	..do....	7 34
17898	..do....	Cora Stacker.....	..do....	3 93
17899	..do....	John McCullough.....	..do....	14 19
17900	May 2	Geo. Deardorf.....	Butter.....	6 16
17901	..do....	P. J. Petersen.....	..do....	6 93
17902	..do....	M. H. Anderson.....	..do....	8 58
17903	..do....	J. R. Newberry.....	..do....	2 67
17904	..do....	H. E. Siegman.....	..do....	3 00
17905	..do....	Geo. Bost.....	..do....	6 93
17906	..do....	Spring Valley Creamery Co.....	..do....	2 95
17907	..do....	M. E. Simonsen.....	..do....	9 68
17908	..do....	F. J. Weddige.....	..do....	8 06
17909	..do....	Ferdinand Grimm.....	..do....	6 01
17910	..do....	N. Cavanaugh.....	Dairy products furnished the de- partment of dairy husbandry ..	3 65
17911	..do....	Fred Thompson.....	..do....	4 22

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
17912	1913. May 2	C. Allen.....	Dairy products furnished the de- partment of dairy husbandry ..	\$ 3 82
17913	..do....	I. H. Besore.....	..do.....	5 59
17914	..do....	Geo. Taylor.....	..do.....	2 85
17915	..do....	H. I. Nelson.....	..do.....	2 41
17916	..do....	E. F. Lyons.....	..do.....	3 26
17917	..do....	T. P. Lyons.....	..do.....	6 21
17918	..do....	A. R. Grindley.....	..do.....	6 62
17919	..do....	W. H. Whittenberg.....	..do.....	4 25
17920	..do....	Andrew Shields.....	..do.....	6 04
17921	..do....	G. W. Miller.....	..do.....	4 42
17922	..do....	B. Jordan.....	..do.....	11 14
17923	..do....	C. Ross.....	..do.....	5 86
17924	..do....	T. F. Jordan.....	..do.....	14 72
17925	..do....	Fred Rein.....	..do.....	1 57
17926	..do....	I. T. Webb.....	..do.....	5 55
17927	..do....	Jay T. Herriott.....	..do.....	4 48
17928	..do....	W. W. Herriott.....	..do.....	6 05
17929	..do....	C. C., C. & St. L. Ry. Co.....	Freight.....	1 43
17930	..do....	Illinois Central R. R. Co.....	..do.....	7 10
17931	..do....	Illinois Traction System.....	..do.....	3 72
17932	May 3	O. E. Staples, Chief Clerk.....	Student payroll.....	416 39
17933	..do....	O. E. Staples, Chief Clerk.....	Sundry bills paid.....	98 66
17934	..do....	O. E. Staples, Chief Clerk.....	General labor.....	381 13
17935	..do....	W. W. Lindley, Postmaster.....	Postage.....	302 94
17936	May 5	Grant Freeman.....	Dairy products furnished the de- partment of dairy husbandry ..	2 69
17937	..do....	T. M. Clayton.....	..do.....	3 33
17938	..do....	John Godsell.....	..do.....	3 07
17939	..do....	J. H. Schwengel.....	..do.....	2 72
17940	..do....	G. H. Spencer.....	..do.....	3 81
17941	..do....	E. S. Hays.....	..do.....	3 52
17942	..do....	N. Cavanaugh.....	..do.....	3 07
17943	..do....	J. F. Hoy.....	..do.....	1 82
17944	..do....	Mart Waterson.....	..do.....	4 38
17945	..do....	E. Grove.....	..do.....	3 26
17946	..do....	P. P. Dunn.....	..do.....	2 50
17947	..do....	Lou Creiger.....	..do.....	4 10
17948	..do....	G. M. Seeber.....	..do.....	6 56
17949	..do....	W. C. Welch.....	..do.....	3 07
17950	..do....	E. L. Percival.....	..do.....	1 77
17951	..do....	O. W. Hampton.....	..do.....	1 28
17952	..do....	A. W. McDaniels.....	..do.....	1 92
17953	..do....	M. Hudson.....	..do.....	6 21
17954	..do....	H. C. Kaufman.....	..do.....	4 40
17955	..do....	C. W. Hamm.....	..do.....	1 69
17956	..do....	David Wilkin.....	..do.....	3 53
17957	..do....	G. C. Gordan.....	..do.....	5 89
17958	..do....	John Rueb.....	..do.....	3 39
17959	..do....	J. H. Rutan.....	..do.....	4 19
17960	..do....	Van Carter.....	..do.....	4 83
17961	..do....	C. M. Reed.....	..do.....	4 38
17962	..do....	F. C. Stevenson.....	..do.....	4 53
17963	..do....	Geo. Herriott.....	..do.....	7 46
17964	..do....	Nicholas Hahn.....	..do.....	8 45
17965	..do....	D. Hahn.....	..do.....	4 74
17966	..do....	Jas. Freeman.....	..do.....	6 69
17967	..do....	W. A. Ashworth.....	..do.....	4 19
17968	..do....	W. J. Wilson.....	..do.....	3 97
17969	..do....	T. M. Chere.....	..do.....	6 82
17970	..do....	D. B. White.....	..do.....	5 06
17971	..do....	M. Cherry.....	..do.....	3 04
17972	..do....	D. W. Shiveley.....	..do.....	3 07
17973	..do....	C. A. Fogel.....	..do.....	3 94
17974	..do....	F. H. Busey.....	..do.....	3 97
17975	..do....	Jas. Fisher.....	..do.....	4 99
17976	..do....	C. E. Burk.....	..do.....	2 75
17977	..do....	Wm. W. Herriott.....	..do.....	3 90
17978	..do....	T. A. McCracken.....	..do.....	3 58
17979	..do....	R. H. Brewer.....	..do.....	3 10
17980	..do....	J. A. R. Koch.....	..do.....	5 57
17981	..do....	E. R. Canady.....	..do.....	5 73
17982	..do....	W. E. Heyer.....	..do.....	4 05
17983	..do....	G. C. Cochran.....	..do.....	2 93
17984	..do....	H. Cherry.....	..do.....	5 25
17985	..do....	F. M. Webb.....	..do.....	2 12
17986	..do....	S. Kaufman & Co.....	..do.....	4 33
17987	..do....	I. W. Maxwell.....	..do.....	3 78
17988	..do....	Z. C. Keene.....	..do.....	3 94

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
17989	1913. May 5	C. J. VonHolten.....	Dairy products furnished the department of dairy husbandry ..	\$ 5 18
17990	..do..	W. H. Webb.....	..do..	3 07
17991	May 6	U. B. Newton.....	Refund.....	25 00
17992	..do..	Louise E. Redman.....	Wages, April, 1913.....	38 46
17993	..do..	Mrs. Lizzie Shue.....	..do..	28 27
17994	..do..	Mrs. Lizzie Reynolds.....	..do..	28 27
17995	..do..	J. P. Paterson.....	..do..	33 00
17996	..do..	R. W. Braithwaite.....	Lotion powder.....	1 00
17997	..do..	The Grasselli Chemical Co.....	Supplies.....	5 44
17998	..do..	Otto Schwartz.....	Expenses.....	27 69
17999	..do..	W. A. Ruth.....	..do..	10 69
18000	..do..	C. E. Durst.....	..do..	13 19
18001	..do..	J. Bishop & Co. Platinum Works.....	Labor and material.....	19 72
18002	..do..	The Champaign Bottling Works.....	Carbon Dioxide.....	2 00
18003	..do..	Eimer & Amend.....	Laboratory apparatus.....	12 57
18004	..do..	H. S. Curtis.....	Lectures.....	25 00
18005	..do..	C. H. Besly & Co.....	Hardware.....	2 65
18006	..do..	J. H. Thorkelson.....	Expenses.....	7 94
18007	..do..	Whiting Foundry Equipment Co.....	Rope sheave.....	5 00
18008	..do..	Geo. B. Carpenter & Co.....	Waste.....	4 75
18009	..do..	Engineering Experiment Station.....	Stamps.....	61 00
18010	..do..	E. C. Baldwin.....	Traveling expenses.....	10 20
18011	..do..	Arthur Meeker.....	Expenses.....	10 19
18012	..do..	C. M. McConn.....	..do..	16 39
18013	..do..	C. A. Surbaugh.....	Wages, April, 1913.....	17 00
18014	..do..	C. Q. Nelson.....	..do..	46 00
18015	..do..	W. W. Williams.....	..do..	67 20
18016	..do..	P. Adams.....	Labor.....	36 12
18017	..do..	The University Club.....	Entertaining.....	2 75
18018	..do..	Harvard Apparatus Co.....	Electrodes.....	14 50
18019	..do..	Edith Jay.....	Wages, April, 1913.....	47 20
18020	..do..	Ward's Natural Science Establishment.....	Models.....	40 00
18021	..do..	The Fritz Mfg. Co.....	Apparatus.....	18 00
18022	..do..	Mrs. Jennie C. Barlow.....	Services.....	30 25
18023	..do..	Florence Harrison.....	..do..	30 00
18024	..do..	The Breeder's Gazette.....	Copies of paper.....	9 00
18025	..do..	Albert Wuestman.....	Cutlery.....	26 30
18026	..do..	Eugene Dietzgen Co.....	Supplies.....	43 94
18027	..do..	Dryer & Burt.....	Corn.....	91 98
18028	..do..	Harris-Dillavou & Co.....	Cement.....	1 00
18029	..do..	The Creamery Package Mfg. Co.....	Repairs.....	1 90
18030	..do..	The Burr Co.....	Hardware.....	101 80
18031	..do..	P. & F. Corbin.....	Supplies.....	60 48
18032	..do..	W. J. Smith.....	Electric supplies.....	12 00
18033	..do..	Orr Allyn.....	Expenses.....	32 14
18034	..do..	Fred Hawkins.....	Wages, April, 1913.....	45 00
18035	..do..	M. C. Weaver.....	..do..	75 00
18036	..do..	G. C. Ambrose.....	..do..	48 00
18037	..do..	J. E. Shipley.....	..do..	53 00
18038	..do..	The Harshaw, Fuller & Goodwin Co.....	Chemicals.....	42 00
18039	..do..	Ray W. Wilson.....	Wages, April, 1913.....	19 50
18040	..do..	R. Pergande.....	..do..	85 00
18041	..do..	Edwin Harrington, Son & Co.....	Hoists.....	87 40
18042	..do..	Electric Coal Co.....	Coal.....	126 15
18043	..do..	W. J. Gerhard.....	Book.....	1 56
18044	..do..	Armour Fertilizer Works.....	Supplies.....	16 93
18045	..do..	James Boswell.....	Wages, March 15-April 15.....	40 15
18046	..do..	Bean Spray Pump Co.....	Supplies.....	6 62
18047	..do..	Heminway's "London Purple" Co.....	Lead arsenate.....	2 00
18048	..do..	"Friend" Mfg. Co.....	Sprayer.....	235 00
18049	..do..	Corona Chemical Co.....	Arsenate of lead.....	4 88
18050	..do..	West Publishing Co.....	Books.....	69 75
18051	..do..	The Boston Book Co.....	Book.....	5 00
18052	..do..	T. H. Flood & Co.....	Books.....	270 14
18053	..do..	Callaghan & Co.....	..do..	11 25
18054	..do..	The Carswell Co.....	..do..	4 10
18055	..do..	The American Society of Agronomy.....	Book.....	2 00
18056	..do..	G. E. Stechert & Co.....	Books.....	246 37
18057	..do..	Chivers Book Binding Co.....	..do..	2 85
18058	..do..	The Boston Book Co.....	..do..	10 64
18059	..do..	H. P. Rusk.....	Expenses.....	14 24
18060	..do..	Fairbanks, Morse & Co.....	Forge and anvil.....	18 00
18061	..do..	E. R. Ellis.....	Salary, April 19-30, 1913.....	21 15
18062	..do..	Detroit Steel Products Co.....	Prints.....	2 00
18073	..do..	Rance Sutton.....	Expenses.....	10 64
18064	..do..	Julien P. Friez.....	Supplies.....	7 10
18065	..do..	S. V. Holt.....	Expenses.....	50 37
18066	..do..	P. D. Long.....	..do..	56 95



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
18067	May 6	D. A. Fisher	Expenses	\$ 63 40
18068	do	H. W. Stewart	do	23 03
18069	do	A. F. Gustafson	do	50 47
18070	do	J. E. Whitechurch	do	49 77
18071	do	O. O. Stanley	Services	5 00
18072	do	H. P. Corson	Expenses	41 03
18073	do	Alberene Stone Co.	Stone	19 12
18074	do	L. Wolff Mfg. Co.	Supplies	30 66
18075	do	H. D. Oberdorfer	Expenses	16 24
18076	do	C. C. Logan	do	55 21
18077	do	H. H. Stoek	do	31 22
18078	do	H. F. Chester	Horse shoeing	53 75
18079	do	G. E. Stechert & Co.	Books	46 31
18080	do	G. C. Willis	Dry goods	9 88
18081	do	Williams Bros.	Labor and material	52 13
18082	do	The University Press	Printing	4 25
18083	do	Flanigan-Pearson Co.	do	125 05
18084	do	Champaign Steam Laundry	Washing	14 10
18085	do	Fisner Grocery Co.	Supplies	6 55
18086	do	J. B. Clow & Sons	do	11 85
18087	do	The Garlock Packing Co.	do	25 91
18088	do	Western Electric Co.	do	31 90
18089	do	Underwood Typewriter Co.	do	30 75
18090	do	The University of Illinois Supply Store	do	81 27
18091	do	Central Electric Co.	do	6 66
18092	do	C. A. Hall Hardware Co.	do	41 01
18093	do	J. W. Butler Paper Co.	do	14 12
18094	do	Cunningham Bros.	do	11 80
18095	do	I. H. Besore	Dairy products furnished the department of dairy husbandry	3 48
18096	do	J. E. Henderson	do	3 30
18097	do	N. Cavanaugh	do	3 32
18098	do	J. M. Stickrod	do	9 42
18099	do	Ralph Smith	do	6 01
18100	do	Geo. Schiff	do	6 56
18101	do	C. A. Richman	do	4 84
18102	do	G. W. Miller	do	4 54
18103	do	G. W. Van Meter	do	7 42
18104	do	Andrew Shields	do	5 72
18105	do	Wm. Brown	do	4 99
18106	do	S. T. Carter	do	4 06
18107	do	Zella Whitehead	do	3 52
18108	do	S. Kaufman & Co.	do	5 66
18109	do	J. E. Haney	do	5 45
18110	do	W. A. Coonce	do	2 63
18111	do	I. W. Maxwell	do	5 76
18112	do	Chas. H. Foster, Manager	Eggs and chickens	14 02
18113	do	J. H. Percival	Rental	125 00
18114	do	C. F. Miller	Petty expenses	4 15
18115	do	Library of Congress	Cards	20 00
18116	do	F. W. Marquis	Expenses	9 85
18117	do	Rosa-Lee Gaut	Wages, April, 1913	42 00
18118	do	Brother Leo	Potatoes	39 50
18119	do	W. F. Langelier	Expenses	17 67
18120	do	U. & C. Ry. Gas & Electric Co.	Gas and electricity	523 68
18121	do	Edna L. Scott	Services	250 00
18122	do	B. S. Pickett	Expenses	27 80
18123	do	F. M. Mann	do	10 08
18124	do	A. J. Gunderson	do	28 00
18125	do	Albert Tate	do	64 76
18126	do	Frank Morgan	do	40 40
18127	do	J. A. Rumer & Son	do	15 55
18128	do	O. S. Fisher	do	50 62
18129	do	Geo. W. Matheny	do	28 20
18130	do	The Wabash R. R., Urbana	Freight	11 88
18131	May 7	W. E. Satterfield	Dairy products furnished the department of dairy husbandry	4 65
18132	do	M. Hudson	do	3 60
18133	do	W. H. Webb	do	1 48
18134	do	G. C. Gordon	do	5 46
18135	do	Fred Thompson	do	3 66
18136	do	O. A. McInness	do	3 24
18137	do	R. A. Lumsden	do	2 61
18138	do	G. F. Diefenbach	do	2 22
18139	do	R. S. McInness	do	4 98
18140	do	C. C. Gorden	do	7 05
18141	do	J. F. Hoy	do	1 92
18142	do	H. C. Kaufman	do	5 88
18143	do	G. Taylor	do	2 79

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
18144	May 7 1913.	A. J. Putscher.....	Dairy products furnished the department of dairy husbandry ..	\$ 2 16
18145	do.	A. W. McDaniels.....	do.	3 24
18146	do.	E. J. Percival.....	do.	2 55
18147	do.	R. T. Lumsden.....	do.	1 62
18148	do.	L. F. Lindsey.....	do.	1 44
18149	do.	W. F. Hampton.....	do.	3 93
18150	do.	D. W. Shiveley.....	do.	5 85
18151	do.	A. G. Guard.....	do.	2 43
18152	do.	H. Wascher.....	do.	1 89
18153	do.	T. M. Ghere.....	do.	6 90
18154	do.	Wm. Case.....	do.	4 11
18155	do.	J. B. Marsh.....	do.	4 83
18156	do.	W. E. Womacks.....	do.	2 16
18157	do.	C. M. Van Meter.....	do.	3 40
18158	do.	A. G. Krukewitt.....	do.	4 50
18159	do.	W. E. Yount.....	do.	5 46
18160	do.	S. Herriott.....	do.	1 47
18161	do.	L. P. Rayburn.....	do.	7 02
18162	do.	C. C. Rayburn.....	do.	2 97
18163	do.	S. Kaufman & Co.....	do.	4 10
18164	do.	F. H. Busey.....	do.	5 01
18165	do.	Len Rayburn.....	do.	5 43
18166	do.	W. Davis.....	do.	2 61
18167	do.	Z. C. Keene.....	do.	3 93
18168	do.	C. J. Gillespie.....	do.	4 80
18169	do.	John Rueb.....	do.	3 51
18170	do.	A. Kroner.....	do.	5 02
18171	do.	Frank Knox.....	do.	4 32
18172	do.	J. M. Herriott.....	do.	4 74
18173	do.	W. L. Davis.....	do.	4 72
18174	do.	W. J. Wilson.....	do.	4 08
18175	do.	E. R. Canady.....	do.	9 92
18176	do.	W. A. Ashworth.....	do.	3 95
18177	do.	C. A. Fogel.....	do.	3 75
18178	do.	C. M. Reed.....	do.	2 94
18179	do.	Chas. Wilson.....	do.	4 11
18180	do.	W. W. Herriott.....	do.	3 30
18181	do.	Pearl Hazen.....	do.	2 19
18182	do.	Geo. Herriott.....	do.	6 15
18183	do.	I. H. Gordon.....	do.	7 26
18184	do.	W. C. Welch.....	do.	3 99
18185	do.	J. H. Schwengel.....	do.	3 27
18186	do.	Postal Telegraph Cable Co.....	Messages.....	11 91
18187	do.	C. C. C. & St. L. Ry. Co.....	Freight.....	35 60
18188	do.	The Linen Thread Co.....	Thread.....	1 25
18189	May 8	Hunter, Allen & Co.....	Lumber.....	22 91
18190	do.	Beers & Clinckenbeard.....	Fee.....	10 00
18191	do.	Stone Bros.....	Supplies.....	9 36
18192	do.	Gus Johnson.....	Plants.....	3 60
18193	do.	H. B. Ward.....	Copy of record.....	2 00
18194	do.	G. F. Smalley.....	Expenses.....	7 24
18195	do.	School Science & Mathematics.....	Advertising.....	15 00
18196	do.	The School Centruy.....	do.....	22 50
18197	do.	C. M. Parker.....	do.....	8 55
18198	do.	Singer Sewing Machine Co.....	Repairs.....	1 35
18199	do.	A. E. Keys.....	Labor and material.....	514 50
18200	do.	Stone & Forsyth.....	Paper supplies.....	162 04
18201	do.	T. E. Goodrich.....	Potatoes.....	1 75
18202	do.	Ralph Hilscher.....	Expenses.....	33 40
18203	do.	Western Electric Co.....	Supplies.....	50 85
18204	do.	C. A. Denman.....	Labor and material.....	85 65
18205	do.	Enterprise Foundry & Fence Co.....	Supplies.....	2,737 75
18206	do.	O. S. Watkins.....	Expenses.....	34 28
18207	do.	E. W. Bailey.....	do.....	8 52
18208	do.	Mary J. Snyder.....	Interest.....	300 00
18209	do.	W. W. & E. D. Hanes' Meat Market.....	Meat.....	1 95
18210	do.	A. W. Nolan.....	Expenses.....	6 00
18211	do.	A. W. Stoolman, Contractor.....	Payment on contract.....	2,000 00
18212	do.	J. M. Lindgren.....	Analyses.....	57 50
18213	do.	W. J. Carmichael.....	Expenses.....	9 34
18214	do.	H. P. Rusk.....	do.....	9 36
18215	do.	R. W. Dickenson.....	do.....	30 74
18216	do.	F. W. Gault.....	do.....	93 20
18217	do.	C. A. Campbell.....	do.....	44 57
18218	do.	E. E. Hoskins.....	do.....	27 14
18219	do.	Henry Pfau.....	do.....	22 75
18220	do.	Wm. Aten, Sr.....	do.....	26 47
18221	do.	O. E. Staples, Chief Clerk.....	Express.....	95 64

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
18222	May 8	O. E. Staples, Chief Clerk.....	Student payroll.....	\$ 513 83
18223	..do....	O. E. Staples, Chief Clerk.....	Freight.....	25 70
18224	..do....	O. E. Staples, Chief Clerk.....	Express.....	63 11
18225	..do....	O. E. Staples, Chief Clerk.....	Payments on account milk patrons.....	641 39
18226	May 9	J. E. Henderson.....	Dairy products furnished department of dairy husbandry.....	3 51
18227	..do....	Ralph Smith.....	..do....	3 75
18228	..do....	C. Allen.....	..do....	4 71
18229	..do....	G. C. Cochran.....	..do....	2 88
18230	..do....	L. P. Breckemeyer.....	..do....	2 97
18231	..do....	Geo. Herriott.....	..do....	4 11
18232	..do....	Wm. Brown.....	..do....	4 38
18233	..do....	Len Rayburn.....	..do....	5 16
18234	..do....	T. A. McCracken.....	..do....	3 66
18235	..do....	L. F. Bialeschki.....	..do....	3 22
18236	..do....	C. A. Richman.....	..do....	3 92
18237	..do....	B. Jordan.....	..do....	10 35
18238	..do....	C. Ross.....	..do....	6 24
18239	..do....	T. F. Jordan.....	..do....	14 01
18240	..do....	Chas. Abbott.....	..do....	1 74
18241	..do....	M. Cherry.....	..do....	5 22
18242	..do....	J. E. Henay.....	..do....	5 46
18243	..do....	W. A. Ashworth.....	..do....	3 83
18244	..do....	Andrew Shields.....	..do....	5 08
18245	..do....	Z. C. Keene.....	..do....	3 60
18246	..do....	C. M. Grubb.....	Refund.....	10 00
18247	..do....	Goder-Heimann Co.....	Charts.....	15 35
18248	..do....	S. Y. Gillan & Co.....	Maps.....	2 50
18249	..do....	Gulick Tailoring Co.....	Swimming trunks.....	96 50
18250	..do....	English Brothers, Contractors.....	Payment on contract.....	4,369 25
18251	..do....	H. H. Lauer.....	Expenses.....	18 15
18252	..do....	Goes Lithographing Co.....	Supplies.....	116 50
18253	..do....	French Battery & Carbon Co.....	..do....	21 00
18254	..do....	Green Street Pharmacy.....	..do....	4 00
18255	..do....	The C. A. Gall Hardware Co.....	..do....	15 98
18256	May 10	W. W. Lindley, Postmaster.....	Postage.....	220 00
18257	May 12	G. C. Gordon.....	Dairy products furnished department of dairy husbandry.....	1 86
18258	..do....	Ed. Murphy.....	..do....	2 70
18259	..do....	John Cowett.....	..do....	8 22
18260	..do....	H. H. Krukewitt.....	..do....	6 21
18261	..do....	E. Heppe.....	..do....	4 14
18262	..do....	H. I. Nelson.....	..do....	3 34
18263	..do....	J. M. Stickrod.....	..do....	5 92
18264	..do....	A. R. Grindley.....	..do....	7 12
18265	..do....	J. W. Cavanaugh.....	..do....	3 27
18266	..do....	H. C. Kaufman.....	..do....	3 82
18267	..do....	Walter Dodson.....	..do....	3 57
18268	..do....	E. F. Lyons.....	..do....	2 70
18269	..do....	T. P. Lyons.....	..do....	6 81
18270	..do....	P. P. Dunn.....	..do....	1 50
18271	..do....	O. A. McInness.....	..do....	1 06
18272	..do....	J. H. Schwengel.....	..do....	2 85
18273	..do....	Mart Watterson.....	..do....	4 62
18274	..do....	John Godsell.....	..do....	5 13
18275	..do....	Lou Creiger.....	..do....	4 32
18276	..do....	G. M. Seeber.....	..do....	6 39
18277	..do....	C. W. Hamm.....	..do....	2 21
18278	..do....	E. J. Percival.....	..do....	1 17
18279	..do....	E. Grove.....	..do....	4 05
18280	..do....	M. Hudson.....	..do....	2 61
18281	..do....	R. S. McInness.....	..do....	2 97
18282	..do....	David Wilkins.....	..do....	5 91
18283	..do....	I. H. Besore.....	..do....	3 42
18284	..do....	C. C. Gordon.....	..do....	3 72
18285	..do....	W. H. Webb.....	..do....	1 53
18286	..do....	J. E. Haney.....	..do....	3 99
18287	..do....	R. H. Brewer.....	..do....	2 88
18288	..do....	Nicholas Hahn.....	..do....	7 74
18289	..do....	Geo. Herriott.....	..do....	6 63
18290	..do....	T. M. Clayton.....	..do....	3 90
18291	..do....	W. L. Davis.....	..do....	4 60
18292	..do....	Wm. W. Herriott.....	..do....	5 19
18293	..do....	Grant Freeman.....	..do....	3 63
18294	..do....	C. A. Fogel.....	..do....	6 90
18295	..do....	Frank Knox.....	..do....	4 56
18296	..do....	A. Kroner.....	..do....	6 00
18297	..do....	Mrs. J. H. Rutan.....	..do....	3 57

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
18298	1913. May 12	Chas. Wilson.....	Dairy products furnished the de-	
			partment of dairy husbandry ..	\$ 3 93
18299	..do....	C. W. Van Meter.....	..do....	4 60
18300	..do....	Len Rayburn.....	..do....	3 72
18301	..do....	Daniel Hahn.....	..do....	5 10
18302	..do....	C. E. Burk.....	..do....	2 94
18303	..do....	J. P. Yeager.....	..do....	3 24
18304	..do....	M. Leigh.....	..do....	4 08
18305	..do....	E. R. Canady.....	..do....	12 87
18306	..do....	John Rueb.....	..do....	2 73
18307	..do....	H. Cherry.....	..do....	5 28
18308	..do....	J. A. R. Koch.....	..do....	5 58
18309	..do....	F. W. Howell.....	..do....	3 96
18310	..do....	James Freeman.....	..do....	6 87
18311	..do....	W. E. Womack.....	..do....	3 06
18312	..do....	James Fisher.....	..do....	4 68
18313	..do....	Wm. Van Buskirk.....	..do....	2 64
18314	..do....	A. W. McIlilton.....	..do....	4 68
18315	..do....	E. M. Frankenburg.....	..do....	2 91
18316	..do....	Van Carter.....	..do....	4 44
18317	..do....	Z. A. Alsip.....	..do....	3 27
18318	..do....	G. W. Miller.....	..do....	4 32
18319	..do....	F. C. Stevenson.....	..do....	3 55
18320	..do....	C. J. Gillespie.....	..do....	4 74
18321	..do....	F. H. Busey.....	..do....	4 62
18322	..do....	J. H. Umbanhowar.....	..do....	5 55
18323	..do....	I. T. Webb.....	..do....	3 57
18324	..do....	I. H. Gordon.....	..do....	4 62
18325	..do....	C. J. Von Holten.....	..do....	5 16
18326	May 13	Eisner Grocery Co.....	Sugar.....	8 56
18327	..do....	Robert Essex Incubator Co.....	Supplies.....	29 60
18328	..do....	F. M. Simpson.....	Rhubarb.....	1 00
18329	..do....	G. C. Amsbary Co.....	Bran.....	11 13
18330	..do....	Albert Pick & Co.....	Kitchen utensils.....	6 67
18331	..do....	Pitsenbarger & Flynn.....	Duck cloth.....	3 60
18332	..do....	Hegenbart & Dickerson Co.....	Oil.....	1 70
18333	..do....	The E. G. Hill Co.....	Hybrids.....	40 00
18334	..do....	E. D. Smith & Co.....	Plants, etc.....	29 50
18335	..do....	Julius Roehrs Co.....	Plants.....	30 00
18336	..do....	P. P. Caproni & Bro.....	Model.....	4 50
18337	..do....	White Line Steam Laundry.....	Washing.....	27 14
18338	..do....	Geo. B. Carpenter & Co.....	Waste.....	16 19
18339	..do....	Fuller & Fuller Co.....	Drugs.....	80 00
18340	..do....	Baker & Co.....	Silver sheet.....	1 36
18341	..do....	The Frederick Post Co.....	Supplies.....	49 45
18342	..do....	Roessler & Hasslacher Chemical Co.....	..do....	35 50
18343	..do....	The Elliott Co.....	Ink.....	4 20
18344	..do....	Blood Bros. Machine Co.....	Joints.....	16 00
18345	..do....	Burke & James.....	Lens.....	45 00
18346	..do....	J. E. Smith.....	Protractor.....	2 00
18347	..do....	Ellen M. Henrotin.....	Expenses.....	9 94
18348	..do....	T. A. Clark.....	Flowers.....	15 00
18349	..do....	Yale Engraving Co.....	Half-tones.....	11 50
18350	..do....	The American Crayon Co.....	Supplies.....	1 35
18351	..do....	J. Bishop & Co. Platinum Works.....	Gauze.....	4 87
18352	..do....	T. J. Colvin.....	Meat.....	12 77
18353	..do....	Kimble-Durand Glass Co.....	Homeos.....	28 20
18354	..do....	Kiser Photo Co.....	Supplies.....	4 50
18355	..do....	G. Cramer Dry Plate Co.....	..do....	4 06
18356	..do....	The Carl Bajohr L. C. Co.....	Lightning conductor.....	9 80
18357	..do....	Jno. D. Bangs & Co.....	Supplies.....	80 00
18358	..do....	Burroughs Adding Machine Co.....	Paper.....	1 25
18359	..do....	Home Creamery Mfg. Co.....	Supplies.....	17 50
18360	..do....	Rockwell-Barnes Co.....	Books.....	2 85
18361	..do....	Geo. J. Roberts Co.....	Coupling.....	2 32
18362	..do....	F. K. Robeson.....	Gry goods.....	6 54
18363	..do....	C. C. Short.....	Shoeing.....	6 00
18364	..do....	The Kny-Scheerer Co.....	Model.....	15 15
18365	..do....	Crane Co.....	Supplies.....	23 56
18366	..do....	The Fitch Dustdown Co.....	..do....	10 62
18367	..do....	General Electric Co.....	..do....	10 00
18368	..do....	A. H. Andrews Co.....	Castings.....	7 20
18369	..do....	Buffalo Meter Co.....	Disc.....	4 76
18370	..do....	M. G. Kibbe.....	Galv iron.....	1 00
18371	..do....	The Potters Supply Co.....	Supplies.....	20 56
18372	..do....	The H. Cole Co.....	Stand.....	17 50
18373	..do....	Carson, Pirie Scott & Co.....	Coat hangers.....	2 00
18374	..do....	Crosby Steam Gage & Valve Co.....	Indicator cocks.....	18 00
18375	..do....	P. D. Foster.....	Supplies.....	8 35

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
18376	May 13	Hills-McCanna Co.	Supplies.	\$ 10 00
18377	..do..	The Engineering Magazine	Advertising.	2 09
18378	..do..	The Champaign Daily Gazette	Printing.	10 00
18379	..do..	Eschenbach Printing Co.	..do..	9 66
18380	..do..	Powner's Book Store	Books.	1 64
18381	..do..	The Sherwin-Williams Co.	Lead.	1 88
18382	..do..	Western Roofing & Supply Co.	Labor and material.	20 12
18383	..do..	The Varsity Print Shop	Bulletins.	27 00
18384	..do..	Samuel N. Rhoads	Books.	2 00
18385	..do..	G. E. Stechert & Co.	..do..	200 31
18386	..do..	W. P. Blessing, Manager	..do..	1 10
18387	..do..	Hibbard, Spencer, Bartlett & Co.	Truck.	4 40
18388	..do..	C. C. Smith	Signals.	1 00
18389	..do..	The H. O. Shepard Co.	Paper.	10 00
18390	..do..	Electric Coal Co.	Screenings.	2,593 08
18391	..do..	Theo. F. Ellis	Corn.	2 00
18392	..do..	Frank A. Neals	Seed Corn.	2 00
18393	..do..	G. L. Cabot	Carbon black.	6 25
18394	..do..	A. A. Hinkley & Son	Seed Corn.	3 30
18395	..do..	Automatic Electric Co.	Supplies.	21 76
18396	..do..	O. O. Stanley	Services.	5 00
18397	..do..	S. E. Huff & Co.	Labor and material.	435 85
18398	..do..	The Wabash R. R.	Freight bills.	15 98
18399	..do..	Illinois Central R. R. Co.	..do..	3 53
18400	..do..	Illinois Traction System.	..do..	10 50
18401	..do..	C., C. & St. L. Ry. Co.	..do..	8 35
18402	..do..	C., C. & St. L. Ry. Co.	..do..	46 92
18403	..do..	C. Sadler	Dairy products furnished depart- ment of dairy husbandry	1 89
18404	..do..	Ralph Smith	..do..	2 98
18405	..do..	Geo. Schiff	..do..	6 54
18406	..do..	Geo. Taylor	..do..	2 53
18407	..do..	Andrew Shields	..do..	5 41
18408	..do..	S. T. Carter	..do..	4 74
18409	..do..	W. E. Heyer	..do..	4 48
18410	..do..	W. H. Whittenberg	..do..	3 32
18411	..do..	G. W. Van Meter	..do..	4 32
18412	..do..	S. Kaufman & Co.	..do..	12 35
18413	..do..	John Sexton & Co.	Groceries	2 98
18414	..do..	Spalding & Quirk	Paper cups.	2 00
18415	..do..	Meyer Bros.	Towels.	1 20
18416	..do..	The Ideal Electric Co.	Labor	4 20
18417	..do..	T. P. Baker	Hardware.	5 46
18418	..do..	W. O. Wilson	Service.	17 00
18419	..do..	The Plant Study Co.	Supplies.	20 16
18420	..do..	A. S. Nelson & Sons.	Groceries	2 05
18421	..do..	The Leeds & Northrup Co.	Plugs	1 15
18422	..do..	Sauveur & Boylston.	Apparatus.	15 30
18423	..do..	New York Incandescent Lamp Co.	Supplies.	40 00
18424	..do..	New Era Printing Co.	Printing.	6 55
18425	..do..	Manhattan Electrical Supply Co.	Transalt.	3 19
18426	..do..	E. W. Sampson	Belts	1 00
18427	..do..	C. E. Lauriat Co.	Books.	7 50
18428	..do..	White Line Steam Laundry	Washing.	49 59
18429	..do..	H. B. Ward	Expenses	8 50
18430	..do..	A. G. Spalding & Bros.	Supplies.	12 31
18431	..do..	John R. Nelson	Repairing.	1 75
18432	..do..	Illinois Press Clipping Bureau	Clipping service.	5 00
18433	..do..	National Engraving Co.	Etchings.	14 35
18434	..do..	J. H. McFarland Co.	Slips and scales	6 69
18435	..do..	McIntosh Stereopticon Co.	Gas	1 25
18436	..do..	J. Manz Engraving Co.	Zinc etchings.	12 90
18437	..do..	L. E. Foglesong	Expenses	25 41
18438	..do..	R. R. Root	..do..	41 84
18439	..do..	Ralph Chaplin	..do..	49 50
18440	..do..	O. E. Shobe & Co.	Service.	4 00
18441	..do..	Sears, Roebuck & Co.	Scale.	4 13
18442	..do..	Lakeside Forge Co.	Machinery.	15 00
18443	..do..	Sheldon Brick & Building Supply Co.	Fire clay.	12 00
18444	..do..	Metzler & Schafer Co.	Salt.	3 00
18445	..do..	H. W. Johns-Manville Co.	Labor and material.	6 74
18446	..do..	Stromberg Electric Co.	Ribbons.	1 24
18447	..do..	The R. D. Swisher Mfg. Co.	Stamp.	1 00
18448	..do..	L. Sonneborn Sons.	Paint.	3 00
18449	..do..	Norton Co.	Supplies.	7 80
18450	..do..	The Linde Air Products Co.	Oxygen.	3 00
18451	..do..	Jahn & Ollier Engraving Co.	Zincs and halftones.	55 89
18452	..do..	The C. A. Strelinger Co.	Drills	4 80
18453	..do..	I. J. Lytle	Labor	13 10

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
18454	May 13	The Kentucky Tobacco Product Co.	Supplies.	\$ 22 10
18455	do.	The Lawyers Co-operative Publishing Co.	Books.	2 50
19456	do.	The National Education Assn.	Dues.	2 00
18457	do.	Hawthorne Farms Co.	Hog.	35 00
18458	do.	Lyon Metallic Mfg. Co.	Racks.	304 70
18459	do.	A. F. Pollard.	Honorarium.	500 00
18460	do.	Standard Underground Cable Co.	Cable.	27 80
18461	do.	Stephen Rogers.	Expenses.	46 95
18462	do.	G. H. Perrine & Sons.	Seed corn.	1 00
18463	do.	The Illinois Seed Co.	Alsike.	13 43
18464	do.	W. H. Rowe & Son.	Seed corn.	1 00
18465	do.	H. F. Ferguson.	Expenses.	4 35
18466	do.	Peck & Hills Furniture Co.	Supplies.	13 00
18467	do.	Fanigan-Pearson Co.	Printing.	642 85
18468	do.	R. R. Donnelley & Sons Co.	do.	1,472 63
18469	do.	Illinois State Reformatory.	do.	453 75
18470	do.	Reliable Plumbing & Heating Co.	Supplies.	198 57
18471	do.	Sengbusch Self Closing Inkstand Co.	do.	8 64
18472	do.	Central Electric Co.	do.	118 27
18473	do.	B. F. Stevenson & Son.	do.	17 46
18474	do.	P. S. Campbell.	Printing.	16 50
18475	do.	E. G. Soltmann.	Supplies.	8 64
18476	do.	Leavitt Mfg. Co.	do.	47 04
18477	do.	The Lunkenheimer Co.	do.	16 52
18478	do.	The Standard Calorimeter Co.	do.	3 85
18479	do.	D. H. Lloyd.	do.	242 83
18480	do.	Ernst Hertzberg & Sons.	Bookbinding.	456 31
18481	do.	Drake Marble & Tile Co.	Bases.	75 00
18482	do.	L. C. Smith & Bros. Typewriter Co.	Repairs and rental.	13 50
18483	do.	S. E. Dillavou.	Hardware and implements.	418 85
18484	do.	Bacon Brothers.	Paints and oil.	21 17
18485	do.	Bennett's Newspaper & Magazine Agency	Subscriptions.	30 10
18486	do.	W. Lewis & Co.	Dry goods.	16 14
18487	do.	E. H. Sargent & Co.	Laboratory supplies.	51 49
18488	do.	Southern Illinois Penitentiary.	Sawdust and brushes.	47 05
18489	do.	Stafford Engraving Co.	Half-tones.	10 70
18490	do.	Standard Oil Co.	Oil.	84 10
18491	do.	Meyer & Wenthe.	Stamps.	2 73
18492	do.	G. W. Sheldon & Co.	Fees and charges.	27 06
18493	do.	G. E. Stechert & Co.	Books.	309 88
18494	do.	A. C. McClurg & Co.	do.	82 26
18495	do.	Oldham Brothers.	Drugs.	9 90
18496	do.	Knowlton & Bennett.	do.	42 50
18497	do.	H. Swannell & Son.	do.	19 93
18498	do.	F. M. Leslie.	do.	102 40
18499	do.	B. A. Strauch.	Poto supplies.	34 02
18500	do.	A. O. Magnuson.	Photo work and supplies.	446 26
18501	do.	John H. Doyle.	Hardware.	60 61
18502	do.	C. H. Besley & Co.	do.	27 85
18503	do.	Percival & Moorehead.	do.	31 34
18504	do.	H. Mueller Mfg. Co.	do.	3 65
18505	do.	The Chicago Daily News Co.	Advertising.	16 20
18506	do.	Commercial Telephone & Telegraph Co.	Service.	16 40
18507	do.	Ralph Chaplin.	Expenses.	29 39
18508	do.	H. C. Lawson.	do.	3 32
18509	do.	Garfield Jones.	do.	4 06
18510	do.	Louis Lamm.	Book.	2 44
18511	do.	J. Kauffmann.	Books.	43 08
18512	do.	The Whitaker Paper Co.	Paper.	16 00
18513	do.	Jacob White.	Plastering.	17 50
18514	do.	Woldenberg & Schaar.	Porcelain dishes.	22 00
18515	do.	Weston Electrical Instrument Co.	Supplies.	23 25
18516	do.	Geological Survey & Museum.	Slides.	16 80
18517	do.	Julia F. Burnham Hospital.	Students' bills.	360 00
18518	do.	G. E. Frazer.	Expenses.	23 49
18519	do.	Albert Wuesteman.	Medal.	36 00
18520	do.	John Wyeth & Brother.	Amylopsin.	2 12
18521	do.	Malcolm Kemper.	Laboratory material.	2 00
18522	do.	Hans H. Hellesoe.	Type.	23 25
18523	do.	Union Fruit Package Co.	Bands.	1 00
18524	do.	The Van Brunt Mfg. Co.	Boot and toe.	1 01
18525	do.	A. J. Warren Brush Co.	Brushes.	28 00
18526	do.	Western Roofing & Supply Co.	Labor and material.	14 74
18527	do.	Wadsworth-Howland Co.	Metal polish.	9 00
18528	do.	Erich Koellner.	Case.	6 10
18529	do.	Chicago Paper Co.	Supplies.	300 46
18530	do.	United Wire & Supply Co.	Tubing.	3 57
18531	do.	Macmillan & Co.	Portrait.	1 35
18532	do.	Luzac & Co.	Books.	8 79

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	For what.	For what.	Amount.
	1913.			
18533	May 13	Halm & Goldmann	Books	\$105 71
18534	do	Leo S. Olschki	do	14 90
18535	do	Porrua Hermanos	do	4 25
18536	do	A. Spaney	Drawings	23 14
18537	do	J. Gamber	Books	6 10
18538	do	John Davis	do	7 81
18539	do	Joseph Baer & Co.	do	26 60
18540	do	Francis Edwards	do	34 71
18541	do	Holland Bros.	do	7 58
18542	do	Otto Lange	do	10 17
18543	do	A. Hermann & Fils	do	23 50
18544	do	R. Friedlander & Sohn	do	13 86
18545	do	Walrus Mfg. Co.	Tables	113 20
18546	do	Underwood Typewriter Co.	Machine	78 75
18547	do	The Wm. Cramp & Son Ship & Engine Building Co.	do	5 84
18548	do	Geo. Harding	Books	20 95
18549	do	J. H. Carter	Expenses	81 75
18550	do	J. B. Park	do	12 34
18551	do	L. A. Hunter	do	8 14
18552	do	Alfred Bergren	do	41 69
18553	do	G. W. Medley	do	42 84
18554	do	J. W. Dow	do	62 10
18555	do	Harrison Fahrnkopf	do	36 26
18556	do	D. Van Nostrand Co.	Water	1 80
18557	do	L. Wolff Mfg. Co.	Supplies	37 26
18558	do	H. W. Mumford	Expenses	33 81
18559	do	Otto Harrassowitz	Books	4 96
18560	do	Galena-Signal Oil Co.	Oil	82 34
18561	do	Western Carbon & Ribbon Co.	Supplies	9 88
18562	do	W. W. Walls & Co.	Lumber	19 49
18563	do	R. C. Wagner & Son	Coal	15 85
18564	do	The U. of I. Supply Store	Supplies	80 58
18565	do	The Urbana Courier Co.	Printing	182 75
18566	do	Vaughan's Seed Store	Supplies	37 95
18567	May 15	A. G. Guard	Dairy products furnished the department of dairy husbandry	2 58
18568	do	Fred Thompson	do	4 20
18569	do	J. M. Stickrod	do	7 89
18570	do	G. H. Spencer	do	5 58
18571	do	O. A. McInness	do	2 44
18572	do	W. H. Gray	do	2 58
18573	do	Walter Dodson	do	4 71
18574	do	J. H. Schwengel	do	3 51
18575	do	J. E. Henderson	do	3 45
18576	do	W. H. Webb	do	1 35
18577	do	A. W. McDaniels	do	3 12
18578	do	E. J. Percival	do	2 97
18579	do	J. W. Cavanaugh	do	3 30
18580	do	J. F. Hoy	do	4 04
18581	do	M. Hudson	do	3 72
18582	do	H. I. Nelson	do	1 51
18583	do	I. H. Besore	do	4 13
18584	do	A. J. Putscher	do	3 02
18585	do	G. F. Diefenbach	do	2 71
18586	do	R. T. Lumsden	do	4 22
18587	do	R. S. McInness	do	3 13
18588	do	C. C. Gordon	do	4 12
18589	do	H. C. Kaufman	do	5 49
18590	do	David Wilkin	do	4 14
18591	do	L. F. Lindsey	do	3 94
18592	do	R. A. Lumsden	do	2 83
18593	do	W. F. Hampton	do	4 05
18594	do	J. E. Haney	do	6 21
18595	do	Frank Sheffer	do	5 70
18596	do	W. A. Ashworth	do	3 80
18597	do	T. A. McCracken	do	3 66
18598	do	W. W. Herriott	do	3 72
18599	do	Pearl Hazen	do	3 96
18600	do	Wm. Van Buskirk	do	3 36
18601	do	E. R. Canady	do	10 56
18602	do	Frank Knox	do	4 74
18603	do	C. M. Van Meter	do	4 18
18604	do	L. F. Bialeschki	do	3 55
18605	do	W. E. Yount	do	5 49
18606	do	W. J. Wilson	do	4 02
18607	do	T. M. Ghare	do	8 25
18608	do	W. E. Womacks	do	3 18
18609	do	J. R. Hightower	do	3 61

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
18610	May 15	J. B. Marsh.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 4 14
18611	do.	J. A. R. Koch.....	do.	6 24
18612	do.	Wm. Case.....	do.	3 54
18613	do.	Daniel Hahn.....	do.	5 01
18614	do.	M. Leigh.....	do.	3 66
18615	do.	D. B. White.....	do.	6 24
18616	do.	M. Cherry.....	do.	5 79
18617	do.	A. Kroner.....	do.	6 01
18618	do.	Chas. Wilson.....	do.	4 08
18619	do.	W. Davis.....	do.	2 58
18620	do.	W. E. Heyer.....	do.	2 62
18621	do.	T. M. Guym.....	do.	4 96
18622	do.	F. H. Busey.....	do.	5 58
18623	do.	C. C. Rayburn.....	do.	3 03
18624	do.	S. Herriott.....	do.	1 95
18625	do.	I. P. Rayburn.....	do.	8 70
18626	do.	C. A. Fogel.....	do.	4 26
18627	do.	Andrew Shields.....	do.	5 32
18628	do.	C. M. Reed.....	do.	4 14
18629	do.	D. W. Shiveley.....	do.	6 80
18630	do.	C. J. Gillespie.....	do.	4 56
18631	do.	Wm. Brown.....	do.	4 92
18632	do.	Geo. Herriott.....	do.	3 99
18633	do.	J. M. Herriott.....	do.	3 24
18634	do.	John Rusb.....	do.	4 26
18635	do.	G. W. Miller.....	do.	5 13
18636	do.	Len Rayburn.....	do.	4 80
18637	do.	W. A. Ashworth.....	do.	2 72
18638	do.	I. H. Gordon.....	do.	7 08
18639	do.	W. C. Welch.....	do.	4 92
18640	do.	I. W. Maxwell.....	do.	5 58
18641	do.	Z. C. Keene.....	do.	4 08
18642	do.	E. S. Hayes.....	do.	3 72
18643	do.	Herman Moore.....	do.	2 09
18644	do.	Illinois Central R. R. Co.....	Freight bills.....	6 02
18645	do.	Illinois Traction System.....	do.	10 56
18646	do.	C., C. C. & St. L. Ry. Co.....	do.	11 29
18647	do.	J. W. Lloyd.....	Eggs.....	4 00
18648	do.	Twin City Feed Mill & Coal Yard.....	Grinding.....	3 05
18649	do.	Simon Yelch.....	Oats and hay.....	44 00
18650	do.	Muntz's West Side Livery.....	Service.....	20 00
18651	do.	Thomas Roland.....	Supplies.....	65 00
18652	do.	J. M. Throburn & Co.....	Seeds.....	1 58
18653	do.	The Thermal Syndicate.....	Arsenic tubes.....	2 40
18654	do.	C. H. Mills.....	Expenses.....	12 84
18655	do.	The American Multigraph Sales Co.....	Ribbon.....	1 50
18656	do.	A. T. Thompson & Co.....	Signals.....	1 00
18657	do.	Twin City Creamery Co.....	Butter color.....	2 00
18658	do.	P. Adams.....	Labor.....	20 00
18659	do.	Alphonse Picard & Fils.....	Books.....	3 07
18660	do.	Friends' Reference Library.....	do.	10 77
18661	do.	Leo S. Olschki.....	Book.....	5 17
18662	do.	Dultz & Co.....	do.	8 84
18663	do.	Dulau & Co.....	do.	2 85
18664	do.	Tablet & Ticket Co.....	Boxes.....	1 38
18665	do.	Western Bank Note & Engraving Co.....	Diploma.....	3 05
18666	do.	Library Bureau.....	Cares, etc.....	47 60
18667	do.	Twin City Roofing and Sheet Metal Works.....	Metal work.....	176 35
18668	do.	Twin City Ice & Cold Storage Co.....	Ice.....	8 00
18669	do.	Twin City Printing Co.....	Supplies.....	3 10
18670	do.	Thomsen Chemical Co.....	do.	15 30
18671	do.	Twin City Electric Co.....	do.	2 25
18672	do.	The Taylor Hardware Co.....	do.	20 29
18673	do.	O. E. Staples, Chief Clerk.....	General payroll.....	432 60
18674	do.	O. E. Staples, Chief Clerk.....	Students' payroll.....	646 27
18675	do.	W. W. Lindley, Postmaster.....	Postage.....	309 50
18678	do.	O. E. Staples, Chief Clerk.....	Payment account milk products.....	64 78
18677	do.	O. E. Staples, Chief Clerk.....	Sundry bills.....	26 01
18678	do.	Cafeteria, department household science.....	Lunches.....	26 80
18679	do.	P. S. Campbell.....	Paper.....	5 25
18680	do.	Jolly, Wieland & Richardson Co.....	Supplies.....	34 47
18681	do.	Chicago Fire Proof Storage Warehouse.....	Storage and labor.....	4 95
18682	do.	The Carson-Payson Co.....	Labor and material.....	38 42
18683	do.	Pantagraph Printing & Stationery Co.....	Printing.....	144 76
18684	do.	The Marietta Glass Mfg. Co.....	Supplies.....	5 15
18685	do.	Louden Machinery Co.....	do.	13 09
18686	do.	Mittendorf & Kiler.....	Furniture.....	603 51



GENERAL UNIVERSITY WARRANTS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
18687	May 17 1913.	Robt. W. Graham.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 2 07
18688	do.	Walter Dodson.....	do.	5 04
18689	do.	J. M. Smith.....	do.	23 73
18690	do.	John McCullough.....	do.	10 04
18691	do.	Z. Alsip.....	do.	3 24
18692	do.	C. Allen.....	do.	3 26
18693	do.	Geo. Schirr.....	do.	3 93
18694	do.	John Godsell.....	do.	3 45
18695	do.	T. P. Lyons.....	do.	9 94
18696	do.	Cora Stacker.....	do.	5 29
18697	do.	A. R. Grindley.....	do.	2 46
18698	do.	Ralph Smith.....	do.	3 87
18699	do.	E. Grove.....	do.	3 99
18700	do.	Loq Creiger.....	do.	6 00
18701	do.	G. M. Seebert.....	do.	4 38
18702	do.	C. J. Gillespie.....	do.	3 27
18703	do.	C. A. Fogel.....	do.	2 52
18704	do.	John Ridgely.....	do.	3 36
18705	do.	D. W. Shiveley.....	do.	4 89
18706	do.	G. W. Miller.....	do.	10 86
18707	do.	B. Jordan.....	do.	10 92
18708	do.	Geo. Harriott.....	do.	4 32
18709	do.	C. Ross.....	do.	16 50
18710	do.	T. F. Jordan.....	do.	4 79
18711	do.	S. Kautman & Co.....	do.	4 00
18712	do.	G. C. Coehnan.....	do.	1 83
18713	do.	Chas. Abbott.....	do.	4 30
18714	do.	T. T. Webb.....	do.	4 00
18715	do.	F. C. Stevenson.....	do.	8 79
18716	do.	S. A. Tolson.....	do.	3 78
18717	do.	Z. C. Keene.....	Expenses.....	7 00
18718	do.	L. C. Marshall.....	do.	6 42
18719	do.	S. T. Henry.....	do.	10 00
18720	do.	Alexander H. Revell.....	do.	11 00
18721	do.	Thomas McClelland.....	do.	8 75
18722	do.	H. J. Carpenter.....	Tuning pianos.....	250 00
18723	do.	H. J. Burrill.....	Allowance.....	15 00
18724	do.	The Kny-Scheerer Co.....	Models.....	35 88
18725	do.	Alberene Stone Co.....	Stone tops.....	233 50
18726	do.	Alexander H. Revell & Co.....	Furniture.....	25 11
18727	do.	J. G. Mosier.....	Expenses.....	21 14
18728	do.	William Bros.....	Glass.....	162 75
18729	do.	D. H. Lloyd.....	Supplies.....	
18730	May 19	Walter Dodson.....	Dairy products furnished depart- ment of dairy husbandry.....	8 42
18731	do.	C. C. Gordon.....	do.	8 47
18732	do.	H. Wascher.....	do.	8 81
18733	do.	J. H. Besore.....	do.	2 94
18734	do.	J. M. Stickrod.....	do.	4 18
18735	do.	O. W. Hampton.....	do.	1 21
18736	do.	J. E. Henderson.....	do.	2 10
18737	do.	P. F. Dunn.....	do.	1 85
18738	do.	A. W. McDaniels.....	do.	1 65
18739	do.	E. J. Percival.....	do.	1 87
18740	do.	R. S. McInness.....	do.	1 66
18741	do.	O. A. McInness.....	do.	2 35
18742	do.	M. Hudson.....	do.	8 24
18743	do.	C. W. Feister.....	do.	11 04
18744	do.	David Wilkins.....	do.	2 64
18745	do.	J. H. Schwaengel.....	do.	2 87
18746	do.	Fred Thompson.....	do.	8 05
18747	do.	J. F. Hoy.....	do.	2 37
18748	do.	H. C. Kauffman.....	do.	3 22
18749	do.	W. H. Webb.....	do.	1 32
18750	do.	J. W. Cavanaugh.....	do.	3 39
18751	do.	G. C. Gordon.....	do.	4 38
18752	do.	Mart. Waterson.....	do.	4 44
18753	do.	James Freeman.....	do.	6 19
18754	do.	Fred Krukewitt.....	do.	8 19
18755	do.	M. Leigh.....	do.	3 68
18756	do.	J. A. K. Koch.....	do.	3 68
18757	do.	H. H. Krukewitt.....	do.	6 15
18758	do.	H. J. Moorehouse.....	do.	2 58
18759	do.	W. Davis.....	do.	2 70
18760	do.	F. H. Bussey.....	do.	3 82
18761	do.	W. W. Herriott.....	do.	5 46
18762	do.	Leon Kayburn.....	do.	4 80
18763	do.	L. F. Breckemeyer.....	do.	2 67

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1913.				
18764	May 19	J. M. Herriott.....	Dairy products furnished department of dairy husbandry.....	\$ 2 97
18765	..do..	Grant Freeman.....	..do..	3 48
18766	..do..	John Rueb.....	..do..	2 70
18767	..do..	Daniel Hahn.....	..do..	4 11
18768	..do..	W. A. Ashworth.....	..do..	3 56
18769	..do..	W. E. Heyer.....	..do..	3 27
18770	..do..	Ed Huckins.....	..do..	2 97
18771	..do..	N. Hahn.....	..do..	9 36
18772	..do..	W. L. Davis.....	..do..	4 96
18773	..do..	S. Kaufman Co.....	..do..	5 09
18774	..do..	Andrew Shields.....	..do..	5 11
18775	..do..	J. E. Haney.....	..do..	3 90
18776	..do..	C. A. Richman.....	..do..	4 98
18777	..do..	C. E. Burk.....	..do..	2 94
18778	..do..	E. M. Frankenburg.....	..do..	3 09
18779	..do..	R. H. Brewer.....	..do..	2 40
18780	..do..	James Fisher.....	..do..	4 80
18781	..do..	W. E. Womacks.....	..do..	2 76
18782	..do..	F. W. Taylor.....	..do..	3 61
18783	..do..	C. W. VanMeter.....	..do..	3 28
18784	..do..	J. H. Rutan.....	..do..	5 55
18785	..do..	W. J. Wilson.....	..do..	3 00
18786	..do..	J. H. Hubbard.....	..do..	1 57
18787	..do..	G. W. VanMeter.....	..do..	4 18
18788	..do..	T. M. Clayton.....	..do..	3 27
18789	..do..	Van Carter.....	..do..	4 05
18790	..do..	T. M. Ghare.....	..do..	5 82
18791	..do..	A. G. Krukewitt.....	..do..	4 98
18792	..do..	E. R. Canady.....	..do..	5 94
18793	..do..	C. M. Reed.....	..do..	3 96
18794	..do..	C. J. Von Holten.....	..do..	4 86
18795	..do..	I. W. Maxwell.....	..do..	2 31
18796	..do..	W. C. Welch.....	..do..	3 33
18797	..do..	I. H. Gordon.....	..do..	2 19
18798	..do..	Mary Hazeltime.....	Lecture and expenses.....	27 59
18799	..do..	H. A. Harding.....	Salary, April 24-30, 1913.....	104 17
18800	..do..	J. H. Bool Co.....	Cases.....	72 00
18801	..do..	Freeman & Brooks, Contractors.....	Payment on contract.....	673 90
18802	..do..	Edw. J. Nolan, Treasurer.....	Index.....	3 50
18803	..do..	United States Audit Co.....	Services.....	7 50
18804	..do..	Western Roofing & Supply Co.....	Supplies.....	45 36
18805	..do..	A. C. McClurg & Co.....	Books.....	69 05
18806	..do..	Martinus Nijhoff.....	..do..	6 82
18807	..do..	G. E. Stechert & Co.....	..do..	231 56
18808	May 20	F. P. Collyer.....	Expenses.....	18 69
18809	..do..	Ralph Chaplin.....	..do..	6 46
18810	..do..	O. S. Watkins.....	..do..	11 08
18811	..do..	F. A. Pearson.....	..do..	20 01
18812	..do..	G. W. Beardsley.....	..do..	11 04
18813	..do..	A. F. Krueger.....	..do..	8 79
18814	..do..	United States Audit Co.....	Services.....	248 49
18815	..do..	Wilhelm Miller.....	Expenses.....	16 45
18816	..do..	A. W. Nolan.....	..do..	3 38
18817	..do..	G. L. Peltier.....	..do..	3 64
18818	..do..	E. Davenport.....	..do..	43 62
18819	..do..	C. M. Robinson.....	Services and expenses.....	211 91
18820	..do..	F. A. C. Smith.....	Expenses.....	21 49
18821	..do..	Jennie C. Barlow.....	Services.....	30 00
18822	..do..	W. A. Morschhauser.....	Machine.....	375 00
18823	..do..	Men of Nineteen-Twelve.....	Book.....	10 00
18824	..do..	H. E. Clifford.....	Expenses.....	90 84
18825	..do..	Alfred Bull.....	Books.....	3 17
18826	..do..	Orr Allyn.....	Expenses.....	19 65
18827	..do..	L. A. Hunter.....	..do..	17 79
18828	..do..	J. G. Mosier.....	..do..	92 20
18829	..do..	C. C. Logan.....	..do..	67 62
18830	..do..	H. W. Stewart.....	..do..	38 04
18831	..do..	F. A. Fisher.....	..do..	64 92
18832	..do..	H. C. Wheeler.....	..do..	185 27
18833	..do..	R. W. Dickenson.....	..do..	30 90
18834	..do..	F. W. Garrett.....	..do..	40 65
18835	..do..	H. C. Gikerson.....	..do..	10 39
18836	..do..	Henry Lussenhop.....	..do..	12 00
18837	..do..	B. S. Pickett.....	..do..	67 94
18838	..do..	Illinois Traction System.....	Freight bills.....	18 62
18839	..do..	C., C., & St. L. Ry. Co., Urbana.....	..do..	32 18

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
18840	May 20	A. G. Guard.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 2 16
18841	do	Geo. Taylor.....	do.....	3 22
18842	do	Geo. Schiff.....	do.....	4 56
18843	do	Ralph Smith.....	do.....	2 39
18844	do	J. W. Cavanaugh.....	do.....	3 60
18845	do	S. Kaufman & Co.....	do.....	5 69
18846	do	Mrs. S. T. Carter.....	do.....	4 26
18847	do	I. W. Maxwell.....	do.....	2 97
18848	do	W. F. Conway.....	do.....	2 80
18849	do	Western Union Telegraph Co., Urbana	Service.....	37 60
18850	do	Western Union Telegraph Co., Cham- paign.....	do.....	34 97
18851	do	Central Union Telephone Co., Champaign	do.....	33 45
18852	do	Central Union Telephone Co., Champaign	do.....	19 95
18853	May 21	E. E. Hoskins.....	Expenses.....	30 50
18854	do	H. C. Gilkerson.....	do.....	6 78
18855	do	Geo. W. Medley.....	do.....	21 05
18856	do	A. F. Gustafson.....	do.....	28 57
18857	do	F. G. Blair.....	do.....	20 70
18858	do	Beardsley Hotel Co.....	Entertaining.....	347 50
18859	do	The School Journal Publishing Co.....	Advertising.....	6 00
18860	do	G. W. Robinson.....	Book.....	1 50
18861	do	H. H. Stoek.....	Expenses.....	28 71
18862	do	W. M. Atwell.....	Labor.....	55 20
18863	do	S. W. Parr.....	Expenses.....	3 90
18864	do	Freeman & Brooks, Contractors.....	Payment on contract.....	2,514 99
18865	do	American Drafting Furniture Co.....	Supplies.....	68 80
18866	do	C. H. Elliott.....	Expenses.....	3 40
18867	do	Illinois Traction System.....	Freight.....	62 66
18868	May 22	Ed. Murphey.....	Dairy products furnished depart- ment of dairy husbandry.....	2 97
18869	do	E. J. Percival.....	do.....	2 39
18870	do	A. W. McDaniels.....	do.....	2 48
18871	do	E. F. Lyons.....	do.....	2 07
18872	do	J. M. Stickrod.....	do.....	7 66
18873	do	John Ridgeley.....	do.....	4 23
18874	do	W. H. Webb.....	do.....	1 36
18875	do	G. C. Gordon.....	do.....	2 82
18876	do	Walter Dodson.....	do.....	4 71
18877	do	J. H. Schwengel.....	do.....	3 24
18878	do	S. Guinn.....	do.....	2 40
18879	do	C. C. Gordon.....	do.....	3 81
18880	do	R. S. McInness.....	do.....	2 64
18881	do	M. Hudson.....	do.....	4 20
18882	do	I. H. Besore.....	do.....	3 24
18883	do	J. E. Henderson.....	do.....	2 88
18884	do	O. A. McInness.....	do.....	2 33
18885	do	David Wilkin.....	do.....	3 06
18886	do	H. C. Kaufman.....	do.....	4 36
18887	do	J. F. Hoy.....	do.....	2 75
18888	do	G. F. Diefenbach.....	do.....	2 56
18889	do	R. T. Lumsden.....	do.....	3 07
18890	do	R. A. Lumsden.....	do.....	3 82
18891	do	A. J. Putscher.....	do.....	3 13
18892	do	W. F. Hampton.....	do.....	4 50
18893	do	L. F. Lindsey.....	do.....	1 27
18894	do	Frank Sheffer.....	do.....	5 44
18895	do	T. M. Guym.....	do.....	4 72
18896	do	W. A. Ashworth.....	do.....	3 92
18897	do	J. E. Haney.....	do.....	6 69
18898	do	C. J. Gillespie.....	do.....	4 44
18899	do	Andrew Shields.....	do.....	4 86
18900	do	C. M. Reed.....	do.....	4 38
18901	do	Len Rayburn.....	do.....	3 63
18902	do	Frank Knox.....	do.....	4 62
18903	do	F. C. Stevenson.....	do.....	3 55
18904	do	A. Kroner.....	do.....	7 50
18905	do	J. B. Hightower.....	do.....	3 28
18906	do	D. W. Shiveley.....	do.....	5 94
18907	do	Wm. Brown.....	do.....	4 38
18908	do	W. H. Whittenberg.....	do.....	3 79
18909	do	O. A. Foster.....	do.....	3 99
18910	do	C. M. Van Meter.....	do.....	3 30
18911	do	G. W. Van Meter.....	do.....	4 06
18912	do	T. A. McCracken.....	do.....	7 20
18913	do	D. W. Mayo.....	do.....	3 69
18914	do	G. G. Cochran.....	do.....	4 24
18915	do	L. F. Bialeschki.....	do.....	7 61

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1913.				
18916	May 22	W. L. Davis.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 4 84
18917	..do..	A. W. McFilton.....	..do..	4 54
18918	..do..	I. T. Webb.....	..do..	4 60
18919	..do..	Wm. Gulick.....	..do..	5 25
18920	..do..	W. E. Yount.....	..do..	6 42
18921	..do..	D. B. White.....	..do..	3 51
18922	..do..	Pearl Hazen.....	..do..	5 58
18923	..do..	W. W. Herriott.....	..do..	5 46
18924	..do..	G. W. Miller.....	..do..	5 04
18925	..do..	J. M. Herriott.....	..do..	3 33
18926	..do..	Geo. Herriott.....	..do..	10 74
18927	..do..	Grant Freeman.....	..do..	3 66
18928	..do..	M. Leigh.....	..do..	5 19
18929	..do..	John Rueb.....	..do..	4 53
18930	..do..	J. B. Marsh.....	..do..	4 68
18931	..do..	W. E. Womacks.....	..do..	2 76
18932	..do..	Nicholas Hahn.....	..do..	6 72
18933	..do..	F. W. Howell.....	..do..	4 77
18934	..do..	T. M. Ghere.....	..do..	6 51
18935	..do..	F. H. Busey.....	..do..	5 34
18936	..do..	C. Wilson.....	..do..	4 68
18937	..do..	David Hahn.....	..do..	4 44
18938	..do..	J. H. Umbanhowar.....	..do..	6 39
18939	..do..	J. A. R. Koch.....	..do..	5 22
18940	..do..	W. J. Wilson.....	..do..	3 96
18941	..do..	C. C. Rayburn.....	..do..	2 64
18942	..do..	L. P. Rayburn.....	..do..	7 77
18943	..do..	S. Herriott.....	..do..	1 71
18944	..do..	C. A. Fogel.....	..do..	7 47
18945	..do..	Z. C. Keene.....	..do..	8 64
18946	..do..	I. H. Gordon.....	..do..	4 11
18947	..do..	W. C. Welch.....	..do..	3 39
18948	..do..	C., C. C. & St. L. Ry. Co.	Freight.....	5 72
18949	..do..	J. H. Smith.....	Field expenses.....	71 40
18950	..do..	A. L. Moats.....	..do..	33 93
18951	..do..	Carroll Badger.....	Expenses.....	24 93
18952	..do..	R. W. Dickenson.....	..do..	30 17
18953	..do..	A. F. Heck.....	..do..	22 91
18954	..do..	Orr Allyn.....	..do..	14 18
18955	..do..	C. A. Campbell.....	..do..	34 51
18956	..do..	Freeman & Brooks, Contractors	Payment on contract.....	1, 147 50
18957	..do..	The Wabash R. R.	Freight.....	92 26
18958	May 23	Chas. E. Mueller & Co.	Ice.....	15 00
18959	..do..	T. J. Colvin.....	Beef.....	8 93
18960	..do..	The Missouri Farmer.....	Copies.....	1 20
18961	..do..	William Murray.....	Corn.....	627 00
18962	..do..	Bean Spray Pump Co.	Supplies.....	9 96
18963	..do..	Nat. H. Cohen & Son.....	Hay.....	79 99
18964	..do..	Beers & Clinkenbeard.....	Premium.....	10 00
18965	..do..	Library Bureau.....	Supplies.....	2 75
18966	..do..	The Linde Air Products Co.	Oxygen.....	53 00
18967	..do..	A. S. Cooley.....	Slides.....	32 50
18968	..do..	Elijah Aaron.....	Expenses.....	5 04
18969	..do..	McIntosh Stereopticon Co.	Supplies.....	20 36
18970	..do..	J. H. McFarland Co.	..do..	294 90
18971	..do..	John Deere Plow Co.	Implements.....	54 18
18972	..do..	Commercial Acetylene Railway Light and Signal Co.	Gas and freight.....	3 49
18973	..do..	R. R. Donnelley & Sons Co.	Printing.....	873 64
18974	..do..	Jacquin & Co.	Supplies.....	5 90
18975	..do..	Ernst Leitz.....	Illuminator.....	20 20
18976	..do..	Jahn & Ollier Engraving Co.	Half tones.....	37 60
18977	..do..	Meyer & Wenthe.....	Stamps.....	2 34
18978	..do..	Lemcke & Buechner.....	Books.....	2 74
18979	..do..	F. M. Leslie.....	Drugs.....	2 55
18980	..do..	The Ichenhauser Co.	China ware.....	121 72
18981	..do..	The Miller Harness Co.	Supplies.....	12 45
18982	..do..	D. H. Lloyd.....	..do..	55 50
18983	..do..	Central Electric Co.	..do..	247 08
18984	..do..	Charles Mollet.....	Supplies and labor.....	4 30
18985	..do..	S. E. Huff & Co.	Lumber.....	115 75
18986	..do..	Mittendorf & Kiler.....	Furniture.....	11 45
18987	..do..	Dallenbach Brothers.....	Meat.....	89 12
18988	..do..	C. A. Denman.....	Labor and material.....	189 25
18989	..do..	Illinois State Reformatory.....	Printing.....	437 50
18990	..do..	Illinois Printing Co.	..do..	224 50
18991	..do..	W. Lewis & Co.	Dry goods.....	7 60
18992	..do..	Alumni Record.....	Copies.....	4 50

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
18993	May 23	Metzler & Schafer Co.	Groceries.	\$82 71
18994	..do.	A. C. McClurg & Co.	Books.	86 69
18995	..do.	John H. Doyle.	Hardware.	61 05
18996	May 31	Simon Yelch.	Balance on hay.	6 21
18997	May 23	H. I. Nelson.	Dairy products furnished depart- ment of dairy husbandry.	4 81
18998	..do.	C. Allen.	..do.	2 38
18999	..do.	John Ridgeley.	..do.	2 28
19000	..do.	A. R. Grindley.	..do.	6 13
19001	..do.	W. H. Frame.	..do.	3 93
19002	..do.	Ralph Smith.	..do.	2 04
19003	..do.	G. M. Seeber.	..do.	6 63
19004	..do.	Geo. Schiff.	..do.	3 93
19005	..do.	John Weiss.	..do.	9 60
19006	..do.	E. Grove.	..do.	5 85
19007	..do.	I. H. Besore.	..do.	3 48
19008	..do.	G. W. Pfister.	..do.	10 50
19009	..do.	John Godsell.	..do.	5 67
19010	..do.	Lou Creiger.	..do.	3 90
19011	..do.	Andrew Primmer.	..do.	2 76
19012	..do.	Ed. Murphey.	..do.	3 27
19013	..do.	S. Kaufman & Co.	..do.	5 69
19014	..do.	Andrew Shields.	..do.	3 67
19015	..do.	C. E. Burk.	..do.	2 82
19016	..do.	A. Kroner.	..do.	5 94
19017	..do.	Wm. Van Buskirk.	..do.	3 42
19018	..do.	Z. Alsip.	..do.	3 21
19019	..do.	T. F. Jordan.	..do.	19 20
19020	..do.	B. Jordan.	..do.	9 00
19021	..do.	C. Ross.	..do.	9 48
19022	..do.	E. R. Canady.	..do.	9 00
19023	..do.	M. Cherry.	..do.	5 79
19024	..do.	W. E. Satterfield.	..do.	5 73
19025	..do.	Chas. Abbott.	..do.	1 80
19026	..do.	Zillah Whitehead.	..do.	2 35
19027	..do.	Len Rayburn.	..do.	4 14
19028	..do.	W. H. Whittenberg.	..do.	3 85
19029	..do.	W. E. Heyer.	..do.	4 21
19030	..do.	H. Cherry.	..do.	5 34
19031	..do.	Wm. Brown.	..do.	4 38
19032	..do.	C. J. Gillespie.	..do.	4 80
19033	..do.	C. J. Von Holten.	..do.	3 72
19034	..do.	S. Atchison.	..do.	4 50
19035	..do.	The Wabash R. R.	Freight.	12 75
19036	May 26	Mrs. J. W. Cornwall.	Eggs.	3 10
19037	..do.	Mrs. D. O. Barto.	..do.	1 50
19038	..do.	The Celluloid Co.	Checks.	1 89
19039	..do.	B. Riley Hawk Supply Co.	Acid.	18 54
19040	..do.	Armour Fertilizer Works.	Supplies.	8 25
19041	..do.	The Kentucky Tobacco Product Co.	..do.	16 40
19042	..do.	J. Bowman.	Hardware.	27 87
19043	..do.	The Dunham Co.	Machinery.	19 71
19044	..do.	R. W. Braithwaite.	Services.	12 30
19045	..do.	D. M. Crockett.	Labor and material.	4 70
19046	..do.	P. P. Caproni & Bro.	Models.	15 75
19047	..do.	Bryan-Marsh Electric Works.	Lights.	94 57
19048	..do.	Corbin Cabinet Lock Co.	Keys.	5 67
19049	..do.	Harrison & Co.	Machine.	3 00
19050	..do.	Corbin Cabinet Lock Co. of Chicago.	Supplies.	2 37
19051	..do.	J. T. Baker Chemical Co.	..do.	28 37
19052	..do.	The Champaign Bottling Works.	Gas.	2 00
19053	..do.	Calumet Steel Co.	Supplies.	12 01
19054	..do.	American Hard Rubber Co.	Rod.	1 12
19055	..do.	Milton H. Morris.	Expenses.	5 29
19056	..do.	R. H. Dunlap.	..do.	4 23
19057	..do.	C. A. Denman, Contractor.	Enameling.	40 00
19058	..do.	Thelma Cook.	Expenses.	4 22
19059	..do.	Hester Allen.	..do.	6 08
19060	..do.	P. S. Campbell.	Printing.	4 25
19061	..do.	Gibson City Canning Co.	Labor and material.	91 75
19062	..do.	The Baker & Taylor Co.	Books.	20 00
19063	..do.	Eggleston's Music House.	Records.	2 30
19064	..do.	J. Manz Engraving Co.	Engraving.	2 25
19065	..do.	The Ideal Electric Co.	Labor.	78 38
19066	..do.	Keuffel & Esser Co.	Hardware.	4 02
19067	..do.	Illinois Press Clipping Bureau.	Service.	5 00
19068	..do.	G. Gennert.	Ortol.	1 20
19069	..do.	Hibbard, Spencer, Bartlett & Co.	Wire cloth.	44 74
19070	..do.	Doubleday, Page & Co.	Lantern Slides.	10 85

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1913.</b>				
19071	May 26	R. R. Root	Expenses	\$ 11 81
19072	do	Mart Fritschle	Hay	23 00
19073	do	The E. G. Hill Co.	Flowers	9 69
19074	do	C. E. Critchell	Moss	1 00
19075	do	The C. W. Brownell Co.	Supplies	1 00
19076	do	Central Egg Carrier Co.	Carriers	6 50
19077	do	Electric Appliance Co.	Supplies	9 02
19078	do	A. A. Hinkley	Mollusca	20 00
19079	do	Armstrong Cork Co.	Supplies	30 00
19080	do	Gilbert & Barker Mfg. Co.	do	586 80
19081	do	Dodge Mfg. Co.	do	7 20
19082	do	The Elliott Co.	Roll	2 50
19083	do	Illinois Motor Car Sales Co.	Service	4 00
19084	do	Emma Jacobson	Services	25 50
19085	do	Gulick Pennant Co.	Badges	4 00
19086	do	Central Scientific Co.	Apparatus	3 14
19087	do	Automatic Electric Co.	Supplies	12 50
19088	do	H. A. Hollister	Expenses	8 48
19089	do	W. W. Lindley, Postmaster	Deposit	50 00
19090	do	The American Law Book Co.	Books	16 00
19091	do	Callaghan & Co.	do	44 25
19092	do	T. H. Flood & Co.	do	276 07
19093	do	De Witt & Snelling	Book	1 25
19094	do	H. B. Ward, Secretary	do	2 00
19095	do	The Encyclopedia Britannica Co.	do	1 75
19096	do	Chivers Bookbinding Co.	do	1 15
19097	do	Architectural Book Publishing Co.	Books	11 25
19098	do	Archives of Psychology	do	5 00
19099	do	G. E. Stechert & Co.	do	2,244 44
19100	do	Bennett's Newspaper & Magazine Agency	Subscription	18 75
19101	do	The Engineering & Mining Journal	Subscription	5 00
19102	do	H. H. Lauer	Expenses	2 20
19103	do	Hiland Brothers	Signs	5 00
19104	do	Eimer & Amend	Pipettes	1 20
19105	do	J. Bishop & Co. Platinum Works	Electrodes	16 09
19106	do	Frison Carriage Shop	Labor and material	12 75
19107	do	J. B. Bennett	do	74 53
19108	do	The Chicago Packing House Market	Supplies	85 90
19109	do	Gould Storage Battery Co.	do	6 46
19110	do	Champaign Seed Co.	do	31 36
19111	do	C. H. Besly & Co.	do	39 95
19112	do	W. R. Bradley & Co.	do	13 75
19113	do	J. W. Butler Paper Co.	do	26 46
19114	do	Knowlton & Bennett	do	27 20
19115	do	General Electric Co.	do	45 98
19116	do	The C. A. Hall Hardware Co.	do	10 06
19117	do	H. F. Chester	Service	51 77
19118	do	The Burr Co.	Hardware	139 72
19119	do	The Alexander Lumber Co.	Lumber	70 70
19120	do	Flanigan-Pearson Co.	Printing	190 81
19121	do	Champaign Daily Gazette	Printing and advertising	13 80
19122	do	Champaign Steam Laundry	Washing	14 38
19123	do	Bacon Brothers	Paints, etc.	20 72
19124	do	E. T. Benjamin	Labor	5 00
19125	do	Watson Faulkner	Drugs, etc.	8 00
19126	do	The Boston Book Co.	Books	1 20
19127	do	Ernst Hertzberg & Sons	Bookbinding	91 17
19128	do	A. O. Magnuson	Blue prints	48 39
19129	do	O. E. Staples, Chief Clerk	Rebates to students	386 47
19130	do	O. E. Staples, Chief Clerk	Express	55 60
19131	do	O. E. Staples, Chief Clerk	Sundry bills paid	115 32
19132	do	O. E. Staples, Chief Clerk	Students payroll	287 78
19133	do	O. E. Staples, Chief Clerk	Express	48 65
19134	do	Freeman & Brooks, Contractors	Payment on contract	413 58
19135	do	Reliable Plumbing & Heating Co.	do	364 59
19136	May 27	Chas. Saddler	Dairy products furnished department of dairy husbandry	3 48
19137	do	J. W. Cavanaugh	do	3 30
19138	do	J. F. Hoy	do	1 42
19139	do	H. C. Kaufman	do	4 24
19140	do	Walter Dodson	do	3 03
19141	do	J. E. Henderson	do	2 19
19142	do	H. Wascher	do	3 69
19143	do	M. Hudson	do	3 75
19144	do	Mart Watterson	do	4 08
19145	do	Clint C. Gordon	do	3 44
19146	do	R. S. McInness	do	1 99
19147	do	O. A. McInness	do	1 51
19148	do	Fred Thompson	do	3 57

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
19149	May 27 1913.	W. H. Webb.....	Dairy products furnished department of dairy husbandry.....	\$ 1 34
19150	do.	G. C. Gordon.....	do.	1 74
19151	do.	O. W. Hampton.....	do.	1 82
19152	do.	J. H. Schwegel.....	do.	3 60
19153	do.	E. J. Percival.....	do.	2 10
19154	do.	A. W. McDaniels.....	do.	2 10
19155	do.	W. H. Gray.....	do.	2 43
19156	do.	David Wilkins.....	do.	2 13
19157	do.	Geo. Herriott.....	do.	4 00
19158	do.	C. M. Reed.....	do.	3 75
19159	do.	W. W. Herriott.....	do.	3 75
19160	do.	John Cornett.....	do.	3 72
19161	do.	Wm. Case.....	do.	4 56
19162	do.	T. M. Clayton.....	do.	2 49
19163	do.	A. G. Krukewitt.....	do.	4 83
19164	do.	M. Leish.....	do.	3 69
19165	do.	Ed. Heppel.....	do.	3 81
19166	do.	Ed. Hutchins.....	do.	3 75
19167	do.	H. H. Krukewitt.....	do.	6 09
19168	do.	Pearl Hazen.....	do.	3 36
19169	do.	W. J. Wilson.....	do.	4 62
19170	do.	C. A. Fogel.....	do.	3 60
19171	do.	W. Davis.....	do.	2 82
19172	do.	Frank Knox.....	do.	5 04
19173	do.	Chas. Wilson.....	do.	4 26
19174	do.	Van Carter.....	do.	4 26
19175	do.	S. E. Lee.....	do.	4 86
19176	do.	G. H. Spencer.....	do.	5 49
19177	do.	J. H. Rutan.....	do.	5 34
19178	do.	E. R. Canady.....	do.	4 98
19179	do.	T. H. Richardson.....	do.	3 51
19180	do.	James Freeman.....	do.	6 03
19181	do.	J. H. Umhanhowar.....	do.	6 00
19182	do.	James Fisher.....	do.	4 32
19183	do.	S. Kaufman & Co.....	do.	4 64
19184	do.	F. H. Bussey.....	do.	4 32
19185	do.	R. H. Brewer.....	do.	3 00
19186	do.	W. E. Womacks.....	do.	2 82
19187	do.	G. W. Van Meter.....	do.	3 27
19188	do.	W. L. Davis.....	do.	4 99
19189	do.	J. E. Haney.....	do.	6 60
19190	do.	L. H. Gordon.....	do.	3 75
19191	do.	Mrs. E. S. Hayes.....	do.	3 03
19192	do.	L. W. Maxwell.....	do.	2 49
19193	do.	W. C. Welch.....	do.	3 00
19194	do.	C. C. & St. L. Ry. Co.....	Freight bills.....	26 41
19195	May 28	O. E. Staples, Chief Clerk.....	Dairy products.....	72 61
19196	do.	B. Riley Hank Supply Co.....	Butter color.....	4 20
19197	do.	White Poultry Farm.....	Supplies.....	16 32
19198	do.	The Sanitary Dairy.....	Milk.....	24 65
19199	do.	Given Bros. & Nyberg.....	Washing.....	8 02
19200	do.	Stearns Steel Range Co.....	Grates.....	4 50
19201	May 31	D. A. Abrams.....	Salary, May, 1913.....	133 33
19202	do.	C. C. Adams.....	do.	137 50
19203	do.	R. M. Alden.....	do.	333 33
19204	do.	C. W. Alvord.....	do.	145 83
19205	do.	W. C. Allee.....	do.	120 00
19206	do.	C. H. Allen.....	do.	30 00
19207	do.	L. F. Anderson.....	do.	208 33
19208	do.	S. O. Andros.....	do.	150 00
19209	do.	June M. Ashley.....	do.	30 00
19210	do.	Ruth S. Atwell.....	Scholarship, May, 1913.....	416 66
19212	do.	Robert Back.....	do.	75 00
19213	do.	G. D. Bagley.....	Salary, May, 1913.....	25 00
19214	do.	W. C. Bagley.....	Fellowship, May, 1913.....	291 66
19215	do.	Margaret L. Bailey.....	Salary, May, 1913.....	50 00
19216	do.	W. H. Bair.....	do.	50 00
19217	do.	L. O. Baker.....	do.	333 33
19218	do.	R. E. Baker.....	do.	30 00
19219	do.	E. C. Baldwin.....	do.	150 00
19220	do.	C. W. Balke.....	do.	183 33
19221	do.	Panzy Barger.....	do.	30 00
19222	do.	Bronson Bartow.....	do.	50 00
19223	do.	J. T. Barrett.....	do.	58 33
19224	do.	H. H. Bartells.....	do.	50 00
19225	do.	P. S. Barto.....	do.	100 00
19226	do.	J. H. Barton.....	do.	250 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
19227	May 31	Edward Bartow.....	Salary, May, 1913.....	\$291 66
19228	..do..	S. J. Bates.....	..do..	100 00
19229	..do..	W. S. Bayley.....	..do..	187 50
19230	..do..	G. D. Beal.....	..do..	120 00
19231	..do..	J. H. Beard.....	..do..	120 00
19232	..do..	J. B. Beck.....	..do..	166 66
19233	..do..	J. E. Bell.....	..do..	60 00
19234	..do..	B. W. Benedict.....	..do..	291 66
19235	..do..	Madison Bentley.....	..do..	250 00
19236	..do..	E. J. Berg.....	..do..	333 33
19237	..do..	Daisy L. Blaisdell.....	..do..	100 00
19238	..do..	D. S. Blondheim.....	..do..	116 66
19239	..do..	Leonard Bloomfield.....	..do..	120 00
19240	..do..	B. H. Bode.....	..do..	250 00
19241	..do..	E. L. Bogart.....	..do..	250 00
19242	..do..	G. P. Bloomsliter.....	..do..	130 00
19243	..do..	Ethel Bond.....	..do..	83 33
19244	..do..	R. L. Borger.....	..do..	125 00
19245	..do..	C. V. Boyer.....	..do..	120 00
19246	..do..	R. O. Brigham.....	..do..	60 00
19247	..do..	Alice D. Brooks.....	..do..	30 00
19248	..do..	Morgan Brooks.....	..do..	250 00
19249	..do..	N. C. Brooks.....	..do..	200 00
19250	..do..	Verna Brooks.....	..do..	80 00
19251	..do..	F. F. Brown.....	..do..	20 00
19252	..do..	Elizabeth P. Brush.....	..do..	80 00
19253	..do..	J. M. Bryant.....	..do..	183 33
19254	..do..	W. A. Buchen.....	..do..	110 00
19255	..do..	A. M. Buck.....	..do..	150 00
19256	..do..	S. J. Buck.....	..do..	116 66
19257	..do..	W. E. Burge.....	..do..	166 66
19258	..do..	L. V. Burton.....	..do..	30 00
19259	..do..	S. C. Burton.....	..do..	120 00
19260	..do..	H. V. Canter.....	..do..	166 66
19261	..do..	A. P. Carman.....	..do..	333 33
19262	..do..	D. H. Carnahan.....	..do..	208 33
19263	..do..	F. W. Carpenter.....	..do..	166 66
19264	..do..	G. E. Carscallen.....	..do..	75 00
19265	..do..	H. Y. Carson.....	..do..	125 00
19266	..do..	A. K. Chittenden.....	..do..	229 16
19267	..do..	E. W. Chittenden.....	..do..	120 00
19268	..do..	C. R. Clark.....	..do..	166 66
19269	..do..	K. A. Clark.....	..do..	30 00
19270	..do..	T. A. Clark.....	..do..	416 66
19271	..do..	L. D. Coffman.....	..do..	250 00
19272	..do..	Alexander Cohen.....	..do..	10 00
19273	..do..	A. C. Cole.....	..do..	130 00
19274	..do..	Vida L. Collins.....	..do..	90 00
19275	..do..	A. F. Comstock.....	..do..	180 00
19276	..do..	H. P. Corson.....	..do..	100 00
19277	..do..	F. K. Cowley.....	..do..	120 00
19278	..do..	Jennie A. Craig.....	..do..	75 00
19279	..do..	A. R. Crathorne.....	..do..	141 66
19280	..do..	H. L. Creek.....	..do..	120 00
19281	..do..	W. E. Cummins.....	..do..	15 00
19282	..do..	Florence R. Curtis.....	..do..	110 00
19283	..do..	A. H. Daniels.....	..do..	300 00
19284	..do..	Juanita E. Darrah.....	..do..	10 00
19285	..do..	Lloyd Davis.....	..do..	30 00
19286	..do..	R. E. Davis.....	..do..	100 00
19287	..do..	B. S. Davisson.....	..do..	50 00
19288	..do..	E. H. Decker.....	..do..	250 00
19289	..do..	J. A. Dent.....	..do..	150 00
19290	..do..	W. W. Denton.....	..do..	120 00
19291	..do..	C. G. Derick.....	..do..	141 66
19292	..do..	E. R. Dewsnup.....	..do..	150 00
19293	..do..	J. K. Ditchy.....	..do..	80 00
19294	..do..	W. F. Dodd.....	..do..	166 66
19295	..do..	D. K. Dodge.....	..do..	250 00
19296	..do..	A. B. Domonske.....	..do..	140 00
19297	..do..	G. W. Dowrie.....	..do..	90 00
19298	..do..	F. K. W. Drury.....	..do..	166 66
19299	..do..	F. O. Dufour.....	..do..	166 66
19300	..do..	J. C. Duncan.....	..do..	229 16
19301	..do..	J. M. Duncan.....	..do..	90 00
19302	..do..	R. S. Dunham.....	..do..	10 00
19303	..do..	Fannie Dunlap.....	..do..	55 00
19304	..do..	H. H. Dunn.....	..do..	91 66
19305	..do..	R. A. Dutcher.....	..do..	60 00



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
19306	May 31, 1913.	H. S. Eames.....	Salary, May, 1913.....	\$120 00
19307	do.....	E. T. Ebersol.....	do.....	30 00
19308	do.....	W. C. Ellis.....	Fellowship, May, 1913.....	60 00
19309	do.....	W. E. Eklaw.....	Salary, May, 1913.....	60 00
19310	do.....	Frederick Ellis.....	do.....	150 00
19311	do.....	Arnold Emch.....	do.....	166 66
19312	do.....	M. L. Enger.....	do.....	166 66
19313	do.....	E. W. Engle.....	do.....	30 00
19314	do.....	N. E. Ensign.....	do.....	120 00
19315	do.....	L. B. Erniehing.....	do.....	20 00
19316	do.....	L. T. Farhall.....	do.....	30 00
19317	do.....	J. A. Farlee.....	do.....	250 00
19318	do.....	R. N. Fargo.....	do.....	60 00
19319	do.....	S. P. Farwell.....	do.....	140 00
19320	do.....	E. C. Faust.....	do.....	60 00
19321	do.....	Mary E. Fawcett.....	do.....	166 66
19322	do.....	Winifred Fehrenkamp.....	do.....	70 00
19323	do.....	Emma Felsenthal.....	do.....	75 00
19324	do.....	H. F. Ferguson.....	do.....	60 00
19325	do.....	E. E. Fiero.....	do.....	45 00
19326	do.....	E. J. Filbey.....	do.....	166 66
19327	do.....	I. W. Fisk.....	do.....	120 00
19328	do.....	J. D. Fitz Gerald II.....	do.....	208 33
19329	do.....	E. B. Flanagan.....	do.....	80 00
19330	do.....	F. L. Fleener.....	do.....	40 00
19331	do.....	V. R. Fleming.....	do.....	125 00
19332	do.....	C. H. Fletcher.....	do.....	15 00
19333	do.....	G. T. Flom.....	do.....	208 33
19334	do.....	J. W. Folsom.....	do.....	166 66
19335	do.....	S. A. Forbes.....	do.....	41 66
19336	do.....	G. S. Ford.....	do.....	250 00
19337	do.....	G. E. Frazer.....	do.....	300 00
19338	do.....	J. A. Frisk.....	do.....	91 66
19339	do.....	Edward Fulton.....	do.....	175 00
19340	do.....	J. W. Garner.....	do.....	250 00
19341	do.....	N. B. Garver.....	do.....	150 00
19342	do.....	Rosa-Lee Gaut.....	do.....	35 00
19343	do.....	W. S. Gentry, Jr.....	do.....	100 00
19344	do.....	H. L. Gill.....	do.....	200 00
19345	do.....	C. E. Gillett.....	do.....	30 00
19346	do.....	Hugh Glasgow.....	do.....	60 00
19347	do.....	E. A. Glenz.....	do.....	10 00
19348	do.....	H. F. Godke.....	do.....	120 00
19349	do.....	Julius Goebel.....	do.....	270 83
19350	do.....	H. F. Gonnemann.....	do.....	120 00
19351	do.....	G. A. Goodenough.....	do.....	250 00
19352	do.....	T. G. Goodwin.....	do.....	90 00
19353	do.....	W. F. M. Goss.....	do.....	500 00
19354	do.....	P. S. Goulding.....	do.....	133 33
19355	do.....	Bessie R. Green.....	do.....	60 00
19356	do.....	Frederick Green.....	do.....	291 66
19357	do.....	E. B. Greene.....	do.....	375 00
19358	do.....	D. R. Grigg.....	do.....	15 00
19359	do.....	T. H. Guild.....	do.....	125 00
19360	do.....	J. E. Gutberlet.....	do.....	60 00
19361	do.....	Alta Gwinn.....	do.....	60 00
19362	do.....	G. C. Habermeyer.....	Fellowship, May, 1913.....	141 66
19363	do.....	H. F. Hadley.....	do.....	50 00
19364	do.....	Stella M. Hague.....	Salary, May, 1913.....	80 00
19365	do.....	H. G. Hake.....	do.....	120 00
19366	do.....	W. G. Hale.....	do.....	250 00
19367	do.....	R. G. Hall.....	do.....	30 00
19368	do.....	L. G. Hana.....	do.....	170 00
19369	do.....	Paul Hansen.....	do.....	250 00
19370	do.....	Sada Harbarger.....	do.....	90 00
19371	do.....	A. A. Harding.....	do.....	150 00
19372	do.....	O. A. Harker.....	do.....	333 33
19373	do.....	E. C. Hayes.....	do.....	333 33
19374	do.....	C. M. Hebert.....	do.....	60 00
19375	do.....	G. W. Heitkamp.....	do.....	40 00
19376	do.....	F. E. Held.....	do.....	85 00
19377	do.....	W. S. Hendrix.....	do.....	85 00
19378	do.....	Margaret Herdman.....	do.....	75 00
19379	do.....	R. W. Hess.....	do.....	80 00
19380	do.....	C. K. Hewes.....	do.....	80 00
19381	do.....	F. E. Hill.....	do.....	100 00
19382	do.....	Ralph Hilscher.....	do.....	60 00
19383	do.....	M. E. Hinds.....	do.....	80 00
19384	do.....	Wilhelm Hirschkind.....	do.....	80 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
19385	May 31 1913.	Jacob Holmefield.....	Salary, May, 1913.....	\$ 100 00
19386	do.....	H. C. Holman.....	do.....	20 00
19387	do.....	M. A. Hollishead.....	do.....	40 00
19388	do.....	H. A. Hollister.....	do.....	222 16
19389	do.....	E. E. Holman.....	do.....	60 00
19390	do.....	B. R. Horovski.....	do.....	60 00
19391	do.....	B. S. Hopkins.....	do.....	120 00
19392	do.....	J. W. Hornbeck.....	do.....	100 00
19393	do.....	C. R. Horrell.....	do.....	20 00
19394	do.....	C. F. Hottes.....	do.....	208 33
19395	do.....	H. A. Houston.....	Fellowship, May, 1913.....	50 00
19396	do.....	J. E. Huber.....	Scholarship, May, 1913.....	25 00
19397	do.....	H. L. Huenink.....	Salary, May, 1913.....	50 00
19398	do.....	G. A. Huff.....	do.....	250 00
19399	do.....	R. K. Hursh.....	do.....	100 00
19400	do.....	Margaret Hutchins.....	do.....	75 00
19401	do.....	Edmund J. James.....	do.....	1 000 00
19402	do.....	L. V. James.....	do.....	180 00
19403	do.....	C. E. Jarvith.....	do.....	37 50
19404	do.....	Alice Johnson.....	do.....	70 00
19405	do.....	McElroy Johnston.....	do.....	170 00
19406	do.....	H. S. V. Jones.....	do.....	150 00
19407	do.....	Isabel Jones.....	do.....	110 00
19408	do.....	L. T. Jones.....	do.....	85 00
19409	do.....	Ralph Jones.....	do.....	90 00
19410	do.....	R. C. Jones.....	do.....	160 00
19411	do.....	R. T. Jones.....	do.....	140 00
19412	do.....	H. H. Jordan.....	do.....	100 00
19413	do.....	J. C. Jordan.....	do.....	100 00
19414	do.....	Emma J. Jutton.....	do.....	100 00
19415	do.....	J. B. Kaiser.....	do.....	100 00
19416	do.....	Oliver Kannm.....	do.....	60 00
19417	do.....	Eleanor G. Karsten.....	do.....	100 00
19418	do.....	C. F. Kelley.....	do.....	100 00
19419	do.....	J. M. Kellogg.....	do.....	130 00
19420	do.....	Ruth Kelso.....	do.....	140 00
19421	do.....	A. J. Kempner.....	do.....	80 00
19422	do.....	R. E. Kennedy.....	do.....	110 00
19423	do.....	Ernst Kessler.....	do.....	110 00
19424	do.....	V. A. Ketchum.....	do.....	150 00
19425	do.....	Arthur Kiernan.....	do.....	60 00
19426	do.....	A. H. Kimball.....	do.....	140 00
19427	do.....	S. F. Kimball.....	do.....	120 00
19428	do.....	Margaret L. Kingsbury.....	do.....	75 00
19429	do.....	David Krimley.....	do.....	500 00
19430	do.....	Florence M. Kirkup.....	do.....	100 00
19431	do.....	C. T. Knipp.....	do.....	208 33
19432	do.....	J. F. Kohout.....	do.....	10 00
19433	do.....	A. H. Koller.....	do.....	100 00
19434	do.....	A. F. Kraiz.....	do.....	100 00
19435	do.....	E. V. Kray.....	Scholarship, May, 1913.....	25 00
19436	do.....	A. C. Krey.....	Salary, May, 1913.....	140 00
19437	do.....	Isaac Krutz.....	do.....	208 33
19438	do.....	Martha J. Kyle.....	do.....	120 00
19439	do.....	E. J. Lake.....	do.....	150 00
19440	do.....	E. M. F. Lamkey.....	do.....	60 00
19441	do.....	Marion C. Landee.....	do.....	90 00
19442	do.....	W. F. Langeller.....	do.....	100 00
19443	do.....	E. T. Lannan.....	do.....	105 00
19444	do.....	L. M. Larson.....	do.....	106 66
19445	do.....	H. H. Lauser.....	do.....	150 00
19446	do.....	T. E. Layne.....	do.....	30 00
19447	do.....	E. H. Leslie.....	do.....	30 00
19448	do.....	O. E. Lessing.....	do.....	223 33
19449	do.....	L. L. Littlebel.....	do.....	200 00
19450	do.....	F. C. Lincoln.....	do.....	90 00
19451	do.....	R. H. Linkins.....	do.....	166 66
19452	do.....	G. M. Linsey.....	do.....	21 66
19453	do.....	Simon Litman.....	do.....	158 33
19454	do.....	F. C. Loring.....	do.....	120 00
19455	do.....	G. A. Ludwig.....	do.....	30 00
19456	do.....	E. T. Lundquist.....	do.....	80 00
19457	do.....	E. B. Lytle.....	do.....	133 33
19458	do.....	Ellen S. McCarthy.....	do.....	120 00
19459	do.....	Lobs McCord.....	do.....	80 00
19460	do.....	L. B. McDaniel.....	do.....	208 33
19461	do.....	Ruggen McDermet.....	Fellowship, May, 1913.....	50 00
19462	do.....	D. F. McFarland.....	Salary, May, 1913.....	150 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
19464	May 31	C. G. MacArthur	Salary, May, 1913	\$150 00
19465	do	Wallace Macfarlane	Fellowship, May, 1913	30 00
19466	do	A. D. Mac Gillivray	Salary, May, 1913	208 33
19467	do	D. A. McInnis	do	120 00
19468	do	A. H. McLean	do	80 00
19469	do	C. W. Malcolm	do	150 00
19470	do	G. A. Maney	Fellowship, May, 1913	50 00
19471	do	E. J. Manley	Salary, May, 1913	77 77
19472	do	F. M. Mann	do	333 33
19473	do	F. W. Marquis	do	150 00
19474	do	O. R. Martin	do	110 00
19475	do	M. S. Mason	Fellowship, May, 1913	50 00
19476	do	J. M. Mathews	Salary, May, 1913	133 33
19477	do	G. H. Meyer	do	208 33
19478	do	E. B. Millard	do	60 00
19479	do	F. H. Millard	do	110 00
19480	do	G. A. Miller	do	250 00
19481	do	H. W. Miller	do	150 00
19482	do	R. N. Miller	do	35 00
19483	do	W. S. Miller	do	125 00
19484	do	C. R. Mills	do	208 33
19485	do	Brainerd Mitchell, Jr	do	130 00
19486	do	Margaret Mitchell	do	8 00
19487	do	F. W. Mohlman	do	60 00
19488	do	H. C. Moore	do	20 00
19489	do	H. F. Moore	do	208 33
19490	do	O. H. Moore	do	110 00
19491	do	Ruby Moore	do	20 00
19492	do	E. W. Morphy	do	120 00
19493	do	B. C. Morse	do	48 00
19494	do	W. E. Mosher	Fellowship, May, 1913	50 00
19495	do	C. M. Moss	Salary, May, 1913	250 00
19496	do	Gertrude Moulton	do	116 66
19497	do	C. F. Nelson	do	100 00
19498	do	W. S. Nelson	do	30 00
19499	do	Allan Nevins	do	80 00
19500	do	C. R. Newell	do	85 00
19501	do	C. E. Noerenberg	do	140 00
19502	do	W. A. Noyes	do	333 33
19503	do	W. A. Oldfather	do	229 16
19504	do	H. L. Olin	do	50 00
19505	do	T. E. Oliver	do	208 33
19506	do	A. W. Owens	do	30 00
19507	do	E. B. Paine	do	208 33
19508	do	L. G. Painter	do	120 00
19509	do	Rosalie M. Parr	do	80 00
19510	do	S. W. Parr	do	291 66
19511	do	Adah Patton	do	83 33
19512	do	H. G. Paul	do	166 66
19513	do	A. S. Pease	do	208 33
19514	do	J. C. Pendleton	do	85 00
19515	do	Alvah Peterson	do	60 00
19516	do	G. W. Pickels	do	130 00
19517	do	J. N. Pomeroy	do	183 33
19518	do	C. M. Poor	do	130 00
19519	do	F. M. Porter	do	130 00
19520	do	R. S. Potter	do	50 00
19521	do	Anton Prasil	do	10 00
19522	do	A. L. Prickett	do	43 33
19523	do	D. C. Prince	Scholarship, May, 1913	25 00
19524	do	B. S. Radcliffe	Salary, May, 1913	80 00
19525	do	G. H. Radebaugh	do	90 00
19526	do	Otto Rahn	do	166 66
19527	do	O. A. Randolph	do	80 00
19528	do	W. H. Rayner	do	110 00
19529	do	J. W. Read	do	50 00
19530	do	P. J. Rebman	do	80 00
19531	do	E. J. Reece	do	150 00
19532	do	F. W. Reed	do	140 00
19533	do	O. F. Reiff	do	50 00
19534	do	E. A. Rich	do	40 00
19535	do	J. I. Rich	do	150 00
19536	do	C. R. Richards	do	333 33
19537	do	N. C. Ricker	do	291 66
19538	do	H. L. Rietz	do	150 00
19539	do	W. S. Robertson	do	166 66
19540	do	M. H. Robinson	do	250 00
19541	do	C. W. Rolfe	do	250 00
19542	do	S. A. Roland	do	60 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
19543	May 31	H. O. Rugg.	Salary, May, 1913.	\$120 00
19544	do.	George Rutledge.	do.	60 00
19545	do.	L. R. Sarett.	do.	80 00
19546	do.	T. E. Savage.	do.	166 66
19547	do.	Olive F. Saxton.	do.	83 33
19548	do.	S. H. Scherfee.	do.	30 00
19549	do.	E. C. Schmidt.	do.	291 66
19550	do.	H. F. Schneider.	do.	30 00
19551	do.	Clarence Scholl.	do.	10 00
19552	do.	W. F. Schulz.	do.	166 66
19553	do.	G. F. Schwartz.	do.	158 33
19554	do.	F. W. Scott.	do.	183 33
19555	do.	D. L. Scroggin.	do.	120 00
19556	do.	G. W. Sears.	do.	60 00
19557	do.	F. B. Seeley.	do.	140 00
19558	do.	R. S. Seese.	Scholarship, May, 1913.	25 00
19559	do.	N. C. Seidenberg.	Salary, May, 1913.	15 00
19560	do.	A. R. Seymour.	do.	166 66
19561	do.	J. B. Shaw.	do.	187 50
19562	do.	Queen L. Shepherd.	do.	80 00
19563	do.	S. P. Sherman.	do.	266 66
19564	do.	G. A. Shook.	do.	100 00
19565	do.	C. W. Sievert.	do.	10 00
19566	do.	S. L. Simmering.	Fellowship, May, 1913.	30 00
19567	do.	Frances Simpson.	Salary, May, 1913.	166 66
19568	do.	G. E. Simpson.	do.	10 00
19569	do.	C. H. Sisam.	do.	158 33
19570	do.	W. A. Slater.	do.	125 00
19571	do.	Adelle C. Smith.	do.	60 00
19572	do.	Constance B. Smith.	do.	160 00
19573	do.	G. M. Smith.	do.	133 33
19574	do.	Frank Smith.	do.	208 33
19575	do.	J. E. Smith.	do.	125 00
19576	do.	O. H. Smith.	do.	95 00
19577	do.	J. M. Snodgrass.	do.	175 00
19578	do.	E. R. Spencer.	do.	50 00
19579	do.	O. O. Stanley.	do.	70 00
19580	do.	Joel Stebbins.	do.	104 16
19581	do.	Sabra Stevens.	do.	55 00
19582	do.	R. K. Steward.	do.	130 00
19583	do.	C. L. Stewart.	do.	50 00
19584	do.	H. H. Stoek.	do.	333 33
19585	do.	J. W. Stokes.	Fellowship, May, 1913.	50 00
19586	do.	E. B. Stouffer.	Salary, May, 1913.	130 00
19587	do.	E. K. Strachan.	do.	100 00
19588	do.	E. T. Strong.	do.	95 00
19589	do.	Lillian Strong.	do.	50 00
19590	do.	R. T. Stull.	do.	225 00
19591	do.	Horace Stunkard.	do.	30 00
19592	do.	Emerson Sutcliffe.	do.	80 00
19593	do.	A. H. Sutherland.	do.	150 00
19594	do.	A. N. Talbot.	do.	333 33
19595	do.	F. W. Tanner.	do.	60 00
19596	do.	S. C. Taylor.	do.	25 00
19597	do.	W. H. Taylor.	do.	60 00
19598	do.	H. R. Thomas.	Fellowship, May, 1913.	50 00
19599	do.	C. M. Thompson.	Salary, May, 1913.	90 00
19600	do.	D. G. Thompson.	do.	40 00
19601	do.	J. G. Thompson.	do.	160 00
19602	do.	Lambert Thorp.	do.	100 00
19603	do.	A. J. Tiede.	do.	105 00
19604	do.	A. J. Todd.	do.	104 16
19605	do.	E. J. Townsend.	do.	333 33
19606	do.	L. L. Townsend.	do.	100 00
19607	do.	Edna A. Treat.	do.	90 00
19608	do.	H. D. Valentine.	do.	10 00
19609	do.	H. J. Van Cleave.	do.	60 00
19610	do.	H. J. Van den Berg.	do.	180 00
19611	do.	G. J. Van Zoeren.	do.	30 00
19612	do.	J. N. Vedder.	do.	110 00
19613	do.	C. G. Vernier.	do.	291 66
19614	do.	E. H. Waldo.	do.	166 66
19615	do.	H. B. Ward.	do.	333 33
19616	do.	E. H. Warner.	do.	50 00
19617	do.	A. R. Warnock.	do.	125 00
19618	do.	E. W. Washburn.	do.	183 33
19619	do.	F. R. Watson.	do.	200 00
19620	do.	H. C. P. Weber.	do.	150 00
19621	do.	N. A. Wells.	do.	208 33

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
19622	May 31, 1913.	N. A. Weston.....	Salary, May, 1913.....	\$229 16
19623	do.....	Mary M. Wetmore.....	do.....	125 00
19624	do.....	J. M. White.....	do.....	333 33
19625	do.....	J. H. Whitten.....	do.....	60 00
19626	do.....	E. A. Wildman.....	do.....	30 00
19627	do.....	C. C. Wiley.....	do.....	150 00
19628	do.....	C. A. Williams.....	do.....	120 00
19629	do.....	E. H. Williams.....	do.....	125 00
19630	do.....	Mary E. Williams.....	do.....	85 00
19631	do.....	F. G. Wilson.....	do.....	160 00
18632	do.....	P. L. Windsor.....	do.....	250 00
19633	do.....	R. M. Winger.....	do.....	120 00
19634	do.....	W. J. Wohlenberg.....	Fellowship, May, 1913.....	50 00
19635	do.....	E. S. Woodward.....	Salary, May, 1913.....	35 00
19636	do.....	L. M. Wormser.....	do.....	183 33
19637	do.....	A. B. Wright.....	do.....	50 00
19638	do.....	Ola M. Wyeth.....	do.....	75 00
19639	do.....	T. D. Yensen.....	do.....	100 00
19640	do.....	Jacob Zeitlin.....	do.....	125 00
19641	do.....	Charles Zeleny.....	do.....	208 33
19642	do.....	J. F. Zoller.....	Fellowship, May, 1913.....	30 00
19643	do.....	J. E. Ackert.....	do.....	35 00
19644	do.....	F. H. Adler.....	do.....	35 00
19645	do.....	Josephine E. Burns.....	do.....	35 00
19646	do.....	Margaret V. Cobb.....	do.....	30 00
19647	do.....	Edna L. Forey.....	do.....	30 00
19648	do.....	D. L. Geyer.....	do.....	25 00
19649	do.....	J. W. Good.....	do.....	40 00
19650	do.....	E. O. Heuse.....	do.....	30 00
19651	do.....	E. A. Kircher.....	do.....	30 00
19652	do.....	P. A. Lehenbauer.....	do.....	30 00
19653	do.....	H. H. McGregor.....	do.....	30 00
19654	do.....	G. C. Mathewson.....	do.....	40 00
19655	do.....	L. F. Nickell.....	do.....	35 00
19656	do.....	A. W. Orcutt.....	do.....	40 00
19657	do.....	A. F. Petne.....	do.....	35 00
19658	do.....	C. F. C. Riley.....	do.....	35 00
19659	do.....	Clarissa Rhinaker.....	do.....	35 00
19660	do.....	Irma E. V olgt.....	do.....	30 00
19661	do.....	P. S. Welch.....	do.....	35 00
19662	do.....	G. Y. Williams.....	Scholarship, May, 1913.....	35 00
19663	do.....	Alice Blester.....	do.....	25 00
19664	do.....	R. W. Brown.....	do.....	25 00
19665	do.....	D. M. Brumfiel.....	do.....	25 00
19666	do.....	F. E. Clark.....	do.....	25 00
19667	do.....	Jesse L. Conel.....	do.....	25 00
19668	do.....	S. H. Cox.....	do.....	25 00
19669	do.....	E. S. Dowell.....	do.....	25 00
19670	do.....	D. T. Englis.....	do.....	25 00
19671	do.....	Ola M. J. Eskelson.....	do.....	25 00
19672	do.....	S. E. Faugner.....	do.....	25 00
19673	do.....	S. B. Fracker.....	do.....	25 00
19674	do.....	Byrne F. Goodman.....	do.....	25 00
19675	do.....	Sappho C. Graham.....	do.....	25 00
19676	do.....	Ruby M. Grimes.....	do.....	25 00
19677	do.....	Mary A. Haan.....	do.....	25 00
19678	do.....	Bomer Hall.....	do.....	25 00
19679	do.....	A. C. Harford.....	do.....	25 00
19680	do.....	William Hill.....	do.....	25 00
19681	do.....	C. E. Holley.....	do.....	25 00
19682	do.....	Nellie N. Horner.....	do.....	25 00
19683	do.....	J. W. Howard.....	do.....	25 00
19684	do.....	P. W. Ivey.....	do.....	25 00
19685	do.....	Gretchen Lutz.....	do.....	25 00
19686	do.....	Janet M. MacDonald.....	do.....	25 00
19687	do.....	J. E. Miller.....	do.....	25 00
19688	do.....	Edna Mosher.....	do.....	25 00
19689	do.....	J. B. Nathanson.....	do.....	25 00
19690	do.....	F. G. Norbury.....	do.....	25 00
19691	do.....	Corneilia R. Nottelmann.....	do.....	25 00
19692	do.....	Mary M. Spangler.....	do.....	25 00
18693	do.....	W. A. Svenson.....	do.....	25 00
18694	do.....	Lily B. Voegelien.....	do.....	25 00
18695	do.....	Margaret Washington.....	do.....	25 00
18696	do.....	P. G. Wright.....	do.....	25 00
18697	do.....	A. E. Zucker.....	do.....	25 00
18698	do.....	Lilla M. Alexander.....	Salary, May, 1913.....	60 00
18699	do.....	W. E. Alley.....	do.....	85 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
19701	May 31 1913	Wilfred L. Amos	Salary, May, 1913	\$ 65 00
19702	do	Ethel Ash.	do	60 00
19703	do	C. E. Atkinson	do	141 66
19704	do	Mary L. Blackwell	do	50 00
19705	do	L. A. Boje	do	125 00
19706	do	Tatiana J. Broadhurst	do	73 00
19707	do	Ira M. Brown	do	60 00
19708	do	Sarah E. Bryan	do	60 00
19709	do	Heleen I. Buckler	do	50 00
19710	do	Edna Canton	do	50 00
19711	do	Agnes M. Cole	do	73 00
19712	do	C. C. Crawford	do	73 00
19713	do	H. E. Cunningham	do	150 00
19714	do	C. E. Dalton	do	45 00
19715	do	Frank Durley	do	50 00
19716	do	Edith Emigh	do	62 00
19717	do	Frances M. Fend	do	73 00
19718	do	R. I. Fies	do	50 00
19719	do	Viola Fraser	do	55 00
19720	do	Frances G. Garwood	do	46 00
19721	do	Antonette Goetz	do	43 33
19722	do	Elizabeth Good	do	46 00
19723	do	Marabel F. Grith	do	40 00
19724	do	Carman Harnack	do	55 00
19725	do	Elva Hart	do	35 00
19726	do	C. H. Havens	do	120 00
19727	do	N. Hay	do	109 66
19728	do	Myrtle E. Heater	do	55 00
19729	do	Fred Hooker	do	12 27
19730	do	Josie B. Houchens	do	73 00
19731	do	A. H. Hull	do	46 00
19732	do	Katie L. Hummelhouse	do	50 00
19733	do	Marie Jeser	do	43 00
19734	do	Gertrude Johnson	do	55 00
19735	do	J. J. Johnson	do	43 00
19736	do	J. H. Kelley	do	49 66
19737	do	Nora Kirwan	do	109 66
19738	do	Antonia Knapp	do	46 00
19739	do	L. E. Knorr	do	65 00
19740	do	Allie Lamb	do	140 00
19741	do	A. R. Lee	do	47 66
19742	do	Sonise A. Liebz	do	35 00
19743	do	Stella Lind	do	53 33
19744	do	C. M. McCorm	do	283 33
19745	do	Agnes McGinty	do	83 00
19746	do	Jane McGinty	do	43 00
19747	do	L. Mae Marspeaker	do	83 33
19748	do	Ernie Mathers	do	50 00
19749	do	Maudie E. Menaley	do	50 00
19750	do	C. F. Miller	do	75 00
19751	do	Lloyd Morey	do	85 00
19752	do	M. A. Morrow	do	166 66
19753	do	M. W. Murphy	do	110 00
19754	do	Catherine S. Oaks	do	55 00
19755	do	H. D. Oberdorfer	do	166 66
19756	do	Elizabeth C. Peel	do	73 00
19757	do	Thomas Peel	do	52 00
19758	do	F. W. Foster	do	73 00
19759	do	Harriet L. Fosliewalt	do	73 00
19760	do	Myrtle A. Fritz	do	50 00
19761	do	Clara A. Roberts	do	60 00
19762	do	Nelle M. Robertson	do	55 00
19763	do	Bertie Sharp	do	50 00
19764	do	Anna L. Shepard	do	91 66
19765	do	I. J. Shivers	do	125 00
19766	do	Sara M. Slater	do	55 00
19767	do	Bertam Smith	do	70 00
19768	do	I. M. Smith	do	108 33
19769	do	Jessie A. Smith	do	100 00
19770	do	Mayme L. Smith	do	65 00
19771	do	O. E. Staples	do	150 00
19772	do	Shirley Stolz	do	75 00
19773	do	Stella Strom	do	85 00
19774	do	M. O. Thompson	do	85 00
19775	do	Katy Torrance	do	55 00
19776	do	L. J. Towne	do	150 00
19777	do	G. I. Tuttle	do	91 66
19778	do	Jessamine Tyrell	do	45 00
19779	do	Lida E. Volgt	do	83 33

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
19780	May 31	Lida E. White.	Salary, May, 1913	\$ 50 00
19781	do.	B. L. Winchester	do.	48 00
19782	do.	Alice L. Wing.	do.	75 00
19783	do.	H. T. Wyninger.	do.	52 50
19784	do.	D. O. Barto	do.	166 66
19785	do.	Sleeter Bull	do.	116 66
19786	do.	H. S. Grindley	do.	291 66
19787	do.	Leonora Perry	do.	79 16
19788	do.	H. C. M. Case	do.	41 66
19789	do.	J. L. Edmonds	do.	166 66
19790	do.	W. L. Gaines	do.	150 00
19791	do.	L. D. Hall	do.	225 00
19792	do.	W. F. Handschin	do.	150 00
19793	do.	James Hutchinson	do.	100 00
19794	do.	W. E. Joseph	do.	125 00
19795	do.	H. W. Mumford	do.	416 66
19796	do.	F. W. Muncie	do.	83 33
19797	do.	F. A. Pearson	do.	75 00
19798	do.	G. L. Peltier	do.	83 33
19799	do.	V. A. Place	do.	83 33
19800	do.	H. A. Ruehe	do.	116 66
19801	do.	H. P. Rusk	do.	175 00
19802	do.	H. W. Smith	do.	108 33
19803	do.	L. M. Wakeley	do.	100 00
19804	do.	J. R. Wells	do.	70 00
19805	do.	J. J. Yoke	do.	83 33
19806	do.	Orr Allyn	do.	70 00
19807	do.	F. C. Bauer	do.	125 00
19808	do.	Isabel Bevier	do.	250 00
19809	do.	J. C. Blair	do.	416 66
19810	do.	R. E. Brand	do.	166 66
19811	do.	W. L. Burlison	do.	100 00
19812	do.	W. T. Crandall	do.	133 33
19813	do.	Nina B. Crigler	do.	120 00
19814	do.	E. Davenport	do.	500 00
19815	do.	I. W. Dickerson	do.	150 00
19816	do.	H. B. Dörner	do.	200 00
19817	do.	C. E. Durst	do.	125 00
19818	do.	K. J. T. Ekblaw	do.	150 00
19819	do.	Augusta D. Evans	do.	83 33
19820	do.	Georgia Fleming	do.	100 00
19821	do.	L. E. Foglesong	do.	100 00
19822	do.	W. J. Fraser	do.	291 66
19823	do.	J. J. Gardner	do.	100 00
19824	do.	Charlotte Gibbs	do.	125 00
19825	do.	Nellie E. Goldthwaite	do.	166 66
19826	do.	Cora E. Gray	do.	110 00
19827	do.	A. F. Gustafson	do.	150 00
19828	do.	Alice V. Hamilton	do.	75 00
19829	do.	H. A. Harding	do.	416 66
19830	do.	Leonard Hegnauer	do.	250 00
19831	do.	N. W. Hepburn	do.	175 00
19832	do.	C. G. Hopkins	do.	416 66
19833	do.	R. S. Hulce	do.	100 00
19834	do.	M. E. Jahr	do.	120 00
19835	do.	O. A. Keller	do.	83 33
19836	do.	L. R. Lang	do.	133 33
19837	do.	J. W. Lloyd	do.	266 66
19838	do.	D. McIntosh	do.	208 33
19839	do.	Wilhelm Miller	do.	250 00
19840	do.	J. G. Mosier	do.	266 66
19841	do.	A. H. Nehrling	do.	125 00
19842	do.	A. W. Nolan	do.	200 00
19843	do.	Bessie E. Packard	do.	75 00
19844	do.	H. N. Parker	do.	200 00
19845	do.	Maud Parsons	do.	100 00
19846	do.	J. H. Pettit	do.	250 00
19847	do.	B. S. Pickett	do.	250 00
19848	do.	Helena M. Pincomb	do.	133 33
19849	do.	B. E. Powell	do.	191 66
19850	do.	F. H. Rankin	do.	250 00
19851	do.	C. O. Reed	do.	120 00
19852	do.	Harriet Rinaker	do.	125 00
19853	do.	R. R. Root	do.	166 66
19854	do.	F. M. Simpson	do.	100 00
19855	do.	Florence E. Smith	do.	65 00
19856	do.	L. H. Smith	do.	250 00
19857	do.	Grace Stevens	do.	90 00
19858	do.	J. V. Stevenson	do.	41 66

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
19859	May 31	H. W. Stewart.	Salary, May, 1913.	\$150 00
19860	do.	Ruth Wheeler.	do.	133 33
19861	do.	A. L. Whitting.	do.	125 00
19862	do.	W. B. Gernert.	do.	125 00
19863	do.	J. B. Park.	do.	150 00
19864	do.	A. J. Gunderson.	do.	83 33
19865	do.	W. A. Ruth.	do.	125 00
19866	do.	O. S. Watkins.	do.	150 00
19867	do.	J. P. Aumer.	do.	150 00
19868	do.	L. R. Binding.	do.	70 00
19869	do.	R. W. Dickinson.	do.	70 00
19870	do.	F. A. Fisher.	do.	83 33
19871	do.	F. W. Garrett.	do.	83 33
19872	do.	S. V. Holt.	do.	150 00
19873	do.	E. E. Hoskins.	do.	150 00
19874	do.	Oran Keller.	do.	70 00
19875	do.	W. R. Leighty.	do.	100 00
19876	do.	C. C. Logan.	do.	150 00
19877	do.	Gertrude Neiderman.	do.	100 00
19878	do.	W. H. Sachs.	do.	125 00
19879	do.	E. Van Alstine.	do.	150 00
19880	do.	F. W. Wascher.	do.	83 33
19881	do.	H. C. Wheeler.	do.	150 00
19882	do.	J. E. Whitechurch.	do.	150 00
19883	do.	John Woodard.	do.	70 00
19884	do.	Lucy M. Barto.	Wages, May, 1913.	20 00
19885	do.	O. G. Atkinson.	do.	47 50
19886	do.	Roy Argo.	do.	55 00
19887	do.	Ben Durman.	do.	46 00
19888	do.	Mrs. Princess Dunn.	do.	18 75
19889	do.	Ralph Engle.	do.	26 00
19890	do.	George Noe.	do.	40 00
19891	do.	Lawrence Nesbit.	do.	50 00
19892	do.	H. E. Moore.	do.	50 00
19893	do.	Lizzie Reynolds.	do.	40 00
19894	do.	Louise Redman.	do.	50 00
19895	do.	Elizabeth Pulling.	do.	60 00
19896	do.	Lizzie Shue.	do.	35 00
19897	do.	J. F. Smith.	do.	65 00
19898	do.	Elmer Varner.	do.	47 50
19899	do.	F. W. Wilson.	do.	30 00
19900	do.	Stanley Wilkins.	do.	40 00
19901	do.	G. W. Beardsley.	do.	55 00
19902	do.	M. R. Carlson.	do.	55 00
19903	do.	Rob Cook.	do.	47 50
19904	do.	Jesse Cook.	do.	55 00
19905	do.	M. J. Conley.	do.	75 00
19906	do.	Lawrence Engle.	do.	24 00
19907	do.	H. E. Crouch.	do.	115 00
19908	do.	Anna Crathorne.	do.	50 00
19909	do.	W. J. Engle.	do.	65 00
19910	do.	Amelia Feldkamp.	do.	40 00
19911	do.	Mabel Halliday.	do.	60 00
19912	do.	Earl Garver.	do.	65 00
19913	do.	Marjorie H. Gage.	do.	65 00
19914	do.	George Mink.	do.	46 50
19915	do.	H. C. Lawson.	do.	55 00
19916	do.	A. F. Krueger.	do.	65 00
19917	do.	Garfield Jones.	do.	50 00
19918	do.	Lillian Poll.	do.	50 00
19919	do.	Fred Pine.	do.	75 00
19920	do.	J. P. Patterson.	do.	45 00
19921	do.	J. D. Mink.	do.	48 00
19922	do.	Ethel Sharp.	do.	40 00
19923	do.	Otto Schwartz.	do.	60 00
19924	do.	Cornelius Stocker.	do.	83 33
19925	do.	W. H. Stevens.	do.	55 00
19926	do.	Loretto White.	do.	65 00
19927	do.	W. F. Campbell.	do.	45 00
19928	do.	W. W. Yapp.	do.	35 00
19929	do.	Elizabeth Truin.	do.	15 00
19930	do.	E. J. Brown.	do.	45 00
19931	do.	C. F. Brown.	do.	45 00
19932	do.	James Boswell.	do.	31 50
19933	do.	Ruth Burt.	do.	25 00
19934	do.	C. F. Burge.	do.	45 00
19935	do.	I. F. Burdick.	do.	75 00
19936	do.	Mamie Bunch.	do.	45 00
19937	do.	Mildred Buckles.	do.	65 00



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
19938	May 31, 1913.	Hazel Cover.....	Wages, May, 1913.....	\$60 00
19939	do.....	Ethel Clark.....	do.....	45 00
19940	do.....	L. Donohue.....	do.....	55 00
19941	do.....	G. Donohue.....	do.....	50 00
19942	do.....	Emma L. Custer.....	do.....	70 00
19943	do.....	Pearl Cunningham.....	do.....	28 88
19944	do.....	T. P. Crawford.....	do.....	50 00
19945	do.....	Margaret C. Foss.....	do.....	40 00
19946	do.....	Harley Foot.....	do.....	55 00
19947	do.....	William Heath.....	do.....	50 00
19948	do.....	W. L. Harry.....	do.....	83 33
19949	do.....	Claude Harrolle.....	do.....	40 00
19950	do.....	H. C. Gikerson.....	do.....	60 00
19951	do.....	Marion B. Callahan.....	do.....	40 00
19952	do.....	Wm. Hough.....	do.....	83 33
19953	do.....	A. F. Heck.....	do.....	50 00
19954	do.....	Earl Meenach.....	do.....	60 00
19955	do.....	Winifred McIntosh.....	do.....	10 00
19956	do.....	Sadie Jones.....	do.....	50 00
19957	do.....	Elmer Jenkins.....	do.....	60 00
19958	do.....	H. Pritchard.....	do.....	65 00
19959	do.....	Russell Orrill.....	do.....	32 00
19960	do.....	James O'Brien.....	do.....	50 00
19961	do.....	Harold Mount.....	do.....	50 00
19962	do.....	M. D. Rose.....	do.....	50 00
19963	do.....	Elmer Roberts.....	do.....	52 50
19964	do.....	Hazel Rhoades.....	do.....	60 00
19965	do.....	Olive G. Reid.....	do.....	50 00
19966	do.....	Ralph Pritchard.....	do.....	60 00
19967	do.....	Guy Shafer.....	do.....	50 00
19968	do.....	Clint Sayer.....	do.....	35 00
19969	do.....	A. J. Stoneburner.....	do.....	50 00
19970	do.....	D. C. Sprinkle.....	do.....	50 00
19971	do.....	Phillip Walters.....	do.....	75 00
19972	do.....	Chester Turner.....	do.....	50 00
19973	do.....	Andrew Torquist.....	do.....	75 00
19974	do.....	Freda O. Stricklan.....	do.....	65 00
19975	do.....	Ralph Chaplin.....	do.....	60 00
19976	do.....	W. L. Bennett.....	do.....	60 00
19977	do.....	B. W. Dunlap.....	do.....	55 38
19978	do.....	Edward Brown.....	do.....	45 00
19979	do.....	W. T. Craig.....	do.....	45 00
19980	do.....	Fred Hawkins.....	do.....	70 00
19981	do.....	L. A. Hunter.....	do.....	45 00
19982	do.....	H. D. McQueen.....	do.....	47 50
19983	do.....	Will Patterson.....	do.....	83 33
19984	do.....	P. O. Moore.....	do.....	25 00
19985	do.....	Alpha Torquist.....	do.....	25 00
19986	do.....	J. C. Anderson.....	do.....	65 00
19987	do.....	C. C. Campbell.....	do.....	60 00
19988	do.....	A. E. Burwash.....	do.....	55 00
19989	do.....	C. C. Chapman.....	do.....	83 33
19990	do.....	Harrison Fahrnkopf.....	do.....	60 00
19991	do.....	O. I. Ellis.....	do.....	60 00
19992	do.....	T. Fullenwider.....	do.....	55 00
19993	do.....	F. W. Gault.....	do.....	80 00
19994	do.....	Mary Millar.....	do.....	65 00
19995	do.....	W. A. McIntire.....	do.....	50 00
19996	do.....	John Lankford.....	do.....	50 00
19997	do.....	J. R. Kelley.....	do.....	62 50
19998	do.....	G. L. Rigg.....	do.....	40 00
19999	do.....	Alice Reed.....	do.....	50 00
20000	do.....	R. S. Smith.....	do.....	62 50
20001	do.....	Flores M. Sims.....	do.....	83 33
20002	do.....	Frank Sanders.....	do.....	40 00
20003	do.....	L. F. Fritzell.....	do.....	40 00
20004	do.....	Arthur Sempile.....	do.....	23 10
20005	do.....	J. W. DuHamel.....	do.....	23 18
20006	do.....	Evalena Bowen.....	do.....	23 18
20007	do.....	R. F. Harvey.....	do.....	32 70
20008	do.....	C. H. Rehnig.....	do.....	20 00
20009	do.....	W. W. Peters.....	do.....	20 00
20010	do.....	L. M. Apgar.....	do.....	20 00
20011	do.....	B. L. Bowling.....	do.....	19 20
20012	do.....	J. K. Tutbill.....	do.....	25 00
20013	do.....	Florence Stoutzenberg.....	do.....	14 18
20014	do.....	C. E. Ping.....	do.....	22 75
20015	do.....	Robert Wilford.....	do.....	27 30
20016	do.....	C. A. Patton.....	do.....	27 30

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
20017	May 31 1913.	W. M. Sheldon.	Wages, May, 1913.	\$ 27 65
20018	do.	E. J. Willord.	do.	27 60
20019	do.	K. A. McCaskill.	do.	25 03
20020	do.	C. G. Cox.	do.	16 00
20021	do.	H. B. Ingalls.	do.	60 00
20022	do.	Wm. C. Dells.	do.	11 44
20023	do.	Della Rogers.	do.	40 00
20024	do.	Burt Hays.	do.	72 90
20025	do.	W. M. Goodspeed.	do.	83 33
20026	do.	A. A. Odell.	do.	29 25
20027	do.	M. E. Slater.	do.	27 60
20028	do.	F. H. Kelley.	do.	15 00
20029	do.	W. W. Trimble.	do.	50 40
20030	do.	R. A. Eaton.	do.	52 67
20031	do.	John Snyder.	do.	51 00
20032	do.	Ben L. Reed.	do.	49 40
20033	do.	A. V. Moran.	do.	59 40
20034	do.	Frank Irvine.	do.	63 45
20035	do.	James Irvine.	do.	53 00
20036	do.	Edward Hargan.	do.	49 40
20037	do.	Samuel Hanson.	do.	58 00
20039	do.	Frank Fogarty.	do.	61 60
20040	do.	Wm. Fogarty.	do.	51 00
20041	do.	M. Campbell.	do.	52 00
20042	do.	Clyde Hawkins.	do.	51 00
20043	do.	Mary M. Moss.	do.	25 00
20044	do.	F. A. C. Smith.	do.	125 00
20045	do.	R. L. Bentley.	do.	12 60
20046	do.	H. J. Snider.	do.	27 80
20047	do.	R. L. Hegnauer.	do.	19 37
20048	do.	B. M. Kisselburg.	do.	13 74
20049	do.	H. E. Walworth.	do.	24 00
20050	do.	D. Vauble.	do.	52 50
20051	do.	R. O. Cunningham.	do.	38 40
20052	do.	W. R. Gahan.	do.	33 60
20053	do.	M. Resler.	do.	114 40
20054	do.	W. A. Hooker.	do.	55 24
20055	do.	E. B. Shaw.	do.	12 12
20056	do.	T. W. Dieckmann.	do.	21 90
20057	do.	Bertha G. States.	do.	21 90
20058	do.	W. E. Childs.	do.	32 40
20059	do.	Lloyd Schwartz.	do.	43 00
20060	do.	Ethel Berlin.	do.	48 00
20061	do.	Geo. F. Paulen.	do.	65 00
20062	do.	L. S. Baldwin.	do.	12 00
20063	do.	M. C. Weaver.	do.	72 17
20064	do.	Ray W. Wilson.	do.	85 00
20065	do.	J. E. Shipley.	do.	50 00
20066	do.	Geo. H. Rely.	do.	40 00
20067	do.	R. Fergende.	do.	50 00
20068	do.	Marie A. Gordon.	do.	40 00
20069	do.	C. A. Brumley.	do.	50 00
20070	do.	Florence Nyberg.	do.	81 14
20071	do.	H. J. Vanderveek.	do.	22 13
20072	do.	S. T. Wallage.	do.	60 00
20073	do.	G. W. Porter.	do.	60 00
20074	do.	Daisy Swearingen.	do.	70 50
20075	do.	E. R. Berbaum.	do.	37 40
20076	do.	G. F. Smalley.	do.	49 00
20077	do.	C. E. Mattoon.	do.	75 00
20078	do.	C. I. Newlin.	do.	1 32
20079	May 27	E. F. Lyons.	Dairy products furnished department of dairy husbandry.	6 03
20080	do.	T. P. Lyons.	do.	3 16
20081	do.	Geo. Taylor.	do.	5 10
20082	do.	Geo. Schif.	do.	2 85
20083	do.	Ralph Smith.	do.	2 90
20084	do.	I. H. Besore.	do.	2 10
20085	do.	P. P. Dunn.	do.	3 48
20086	do.	H. Wascher.	do.	6 33
20087	do.	D. W. Shiveley.	do.	9 57
20088	do.	Geo. Herrrott.	do.	2 76
20089	do.	John Ridgeley.	do.	4 05
20090	do.	Wm. Brown.	do.	4 80
20091	do.	Z. C. Keene.	do.	4 23
20092	do.	C. J. Gillespie.	do.	

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
20093	May 27 1913.	L. F. Bialeschki.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 2 83
20094	do.....	B. Jordan.....	do.....	5 04
20096	do.....	C. Ross.....	do.....	4 44
20096	do.....	T. F. Jordan.....	do.....	8 28
20097	do.....	G. W. Miller.....	do.....	9 96
20098	do.....	W. A. Ashworth.....	do.....	2 66
20099	do.....	J. P. Yeasel.....	do.....	3 75
20100	do.....	Hardin Green.....	do.....	5 44
20101	do.....	S. T. Carter.....	do.....	4 71
20102	do.....	J. R. Hightower.....	do.....	3 13
20103	do.....	Len Rayburn.....	do.....	3 75
20104	do.....	John Rueb.....	do.....	4 23
20105	May 31	C. R. Sinclair.....	Wages, May, 1913.....	54 00
20106	do.....	A. P. Kelley.....	do.....	28 40
20107	do.....	A. O. Magnuson.....	do.....	80 00
20108	do.....	A. L. Bevis.....	do.....	24 25
20109	do.....	F. Cunningham.....	do.....	110 50
20110	do.....	V. R. Barnes.....	do.....	85 60
20111	do.....	Chas. Hill.....	do.....	37 60
20112	do.....	Wm. Templin.....	do.....	66 75
20113	do.....	M. C. Booher.....	do.....	33 60
20114	do.....	Ethel V. Manley.....	do.....	56 88
20115	do.....	Edith Jay.....	do.....	39 80
20116	do.....	Pete Davis.....	do.....	14 35
20117	do.....	J. E. Bailey.....	do.....	58 00
20118	do.....	C. E. Arrington.....	do.....	61 00
20119	do.....	Joseph Davis.....	do.....	69 80
20120	do.....	F. Crathorne.....	do.....	79 50
20121	do.....	Basil Brown.....	do.....	70 61
20122	do.....	Harry Brown.....	do.....	57 00
20123	do.....	D. M. Bullock.....	do.....	58 40
20124	do.....	Thos. Butler.....	do.....	63 22
20125	do.....	John Ceduskey.....	do.....	72 00
20126	do.....	E. P. Dibble.....	do.....	69 74
20127	do.....	John Brannigan.....	do.....	49 67
20128	do.....	J. J. Harbert.....	do.....	75 25
20129	do.....	R. D. Hall.....	do.....	15 00
20130	do.....	C. Y. Freeman.....	do.....	58 80
20131	do.....	W. H. Graybeal.....	do.....	61 20
20132	do.....	Sell Hamlin.....	do.....	51 80
20133	do.....	T. F. Harper.....	do.....	58 60
20134	do.....	S. J. Farrow.....	do.....	101 50
20135	do.....	S. J. Farrow.....	do.....	17 20
20136	do.....	Thos. J. Fay.....	do.....	89 00
20137	do.....	Fred Fender.....	do.....	82 04
20138	do.....	Louie Fender.....	do.....	67 76
20139	do.....	J. J. Fiscus.....	do.....	53 80
20140	do.....	Rebecca Morgan.....	do.....	41 60
20141	do.....	Ruthie Murphy.....	do.....	56 43
20142	do.....	J. R. Newton.....	do.....	75 67
20143	do.....	Jacob Nikolaus.....	do.....	61 00
20144	do.....	Wm. Quinn.....	do.....	72 40
20145	do.....	J. F. Purkins.....	do.....	54 40
20146	do.....	F. M. Perry.....	do.....	61 16
20147	do.....	Ed. Richards.....	do.....	93 60
20148	do.....	Mary Ryan.....	do.....	41 60
20149	do.....	A. Servis.....	do.....	61 40
20150	do.....	Ross Hutton.....	do.....	58 60
20151	do.....	Margaret Jones.....	do.....	41 60
20152	do.....	E. W. Justus.....	do.....	108 00
20153	do.....	A. Langhof.....	do.....	80 70
20154	do.....	Fred Langhof.....	do.....	59 20
20155	do.....	E. C. Lewis.....	do.....	68 00
20156	do.....	A. C. Litton.....	do.....	58 60
20157	do.....	Thos. Long.....	do.....	75 00
20158	do.....	A. J. McAlister.....	do.....	70 84
20159	do.....	Jas. McCullough.....	do.....	43 20
20160	do.....	Ed. Wharmby.....	do.....	61 80
20161	do.....	Wm. Wilde.....	do.....	90 00
20162	do.....	Ralph Swearingen.....	do.....	28 20
20163	do.....	Frank Wilson.....	do.....	37 60
20164	do.....	Frances McClungten.....	do.....	41 60
20165	do.....	Ora McGhee.....	do.....	15 60
20167	do.....	O. H. Mahorney.....	do.....	58 80
20168	do.....	O. E. Meenach.....	do.....	68 00
20169	do.....	Nathan Meltz.....	do.....	14 40
20170	do.....	Dan Meneely.....	do.....	66 47
	do.....	Jesse Meyers.....	do.....	61 20

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1913.				
20171	May 31	C. M. Miller.....	Wages, May, 1913.....	\$ 52 60
20172	..do..	I. F. Tillotson.....	..do..	64 88
20173	..do..	Geo. Toy.....	..do..	59 60
20174	..do..	Geo. Turner.....	..do..	59 00
20175	..do..	Phillip Udinsky.....	..do..	20 60
20176	..do..	F. M. Van Natter.....	..do..	11 20
20177	..do..	P. T. Walters.....	..do..	17 20
20178	..do..	August Warmbier.....	..do..	61 60
20179	..do..	Frank Stateler.....	..do..	72 45
20180	..do..	Rolla S. Carson.....	..do..	61 00
20181	..do..	B. F. English.....	..do..	55 80
20182	..do..	Russell Ensor.....	..do..	51 60
20183	..do..	Herman Fechruph.....	..do..	56 80
20184	..do..	V. S. Glenn.....	..do..	52 60
20185	..do..	T. F. Franklin.....	..do..	52 60
20186	..do..	G. C. Griffin.....	..do..	58 60
20187	..do..	Harry Higgins.....	..do..	25 33
20188	..do..	G. W. Boyer.....	..do..	64 00
20189	..do..	John Begley.....	..do..	25 40
20190	..do..	F. F. Hoover.....	..do..	51 60
20191	..do..	P. S. Jeffers.....	..do..	58 80
20192	..do..	C. C. Johnson.....	..do..	61 20
20193	..do..	J. A. Klein.....	..do..	69 80
20194	..do..	William Langhoff.....	..do..	63 45
20195	..do..	Myra Warner.....	..do..	60 50
20196	..do..	W. J. Smith.....	..do..	115 20
20197	..do..	Guy Fox.....	..do..	79 50
20198	..do..	W. H. Clark.....	..do..	95 60
20199	..do..	Howard Downing.....	..do..	63 00
20200	..do..	J. E. Morgan.....	..do..	38 00
20201	..do..	A. J. Booker.....	..do..	92 80
20202	..do..	Martin Sandwell.....	..do..	88 40
20203	May 28	United States Bureau of Statistics.....	Bulletins.....	3 00
20204	..do..	Neostyle Co.....	Supplies.....	8 29
20205	..do..	The Whitaker Paper Co.....	Paper.....	16 00
20206	..do..	Sears, Roebuck & Co.....	Putty.....	7 00
20207	..do..	Sloan Valve Co.....	Diaphragms.....	1 57
20208	..do..	The Standard Calorimeter Co.....	Hydrome.....	15 75
20209	..do..	A. J. Nystrom & Co.....	Maps.....	24 00
20210	..do..	Albert Wuesteman.....	Medals.....	21 00
20211	..do..	The Williams & Anderson Co.....	..do..	99 60
20212	..do..	C. S. Hill.....	Tuning pianos.....	2 00
20213	..do..	The Rural Educator Co.....	Advertising.....	6 00
20214	..do..	A. S. Nelson & Sons.....	Groceries.....	4 23
20215	..do..	Riley Optical Instrument Co.....	Slides boxes.....	4 50
20216	..do..	C. M. Whitney.....	Photos.....	2 00
20217	..do..	Wisconsin Foundry & Machine Co.....	Gates.....	24 00
20218	..do..	William H. Rau.....	Slides.....	2 01
20219	..do..	C. C. Short.....	Horse shoeing.....	3 00
20220	..do..	Standard Cap & Seal Co.....	Payment and rental.....	6 50
20221	..do..	The Parker-Russell Mining & Mfg. Co.....	Bricks.....	12 15
20222	..do..	Frank Price, Contractor.....	Labor.....	31 32
20223	..do..	Williams Bros.....	..do..	4 40
20224	..do..	U. S. Reduction Co.....	Aluminum.....	57 24
20225	..do..	The American Federation of Arts.....	Book.....	5 25
20226	..do..	G. W. Sheldon & So.....	Fees and charges.....	60 38
20227	..do..	Peck & Hills Furniture Co.....	Tables.....	78 00
20228	..do..	The Frank Shepard Co.....	Subscription.....	5 00
20229	..do..	Remington Typewriter Co.....	Machines.....	178 50
20230	..do..	Whiting Paper Co.....	Paper.....	72 00
20231	..do..	Racine-Sattley Co.....	Planter.....	29 00
20232	..do..	Ralph Hilscher.....	Expenses.....	10 30
20233	..do..	H. F. Ferguson.....	..do..	16 54
20234	..do..	National X-Ray Reflector Co.....	Supplies.....	205 68
20235	..do..	G. E. Stechert & Co.....	Books.....	267 23
20236	..do..	G. E. Stechert & Co.....	..do..	131 80
20237	..do..	Reliable Plumbing & Heating Co.....	Supplies.....	120 60
20238	..do..	Leavitt Mfg. Co.....	..do..	144 67
20239	..do..	Department of Chemistry.....	..do..	134 46
20240	..do..	Standard Oil Co.....	Oil.....	67 15
20241	..do..	Flanigan-Pearson Co.....	Printing.....	359 25
20242	..do..	O'Byrne Transfer & Storage Co.....	Service.....	2 00
20243	..do..	National Engraving Co.....	Etchings.....	62 00
20244	..do..	E. H. Sargent & Co.....	Laboratory supplies.....	65 34
20245	..do..	L. C. Smith & Bros. Typewriter Co.....	Rental.....	12 50
20246	..do..	G. C. Willis.....	Drygoods.....	99 92
20247	..do..	Oldham Bros.....	Drug supplies.....	7 10
20248	..do..	The Saffell Co.....	Hardware.....	23 92
20249	..do..	E. R. Ellis.....	Salary, May, 1912.....	45 83

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
20250	May 28	Wesley Wilson	Wages, May, 1913	\$ 92 00
20251	do	E. R. Martin	do	10 50
20252	do	Charles Warriner	do	11 70
20253	do	T. E. O'Donnell	do	28 15
20254	do	R. M. Stevens	do	16 25
20255	do	J. W. Lowe	do	46 60
20256	do	J. F. Long	do	63 20
20257	do	C. Q. Nelson	do	52 80
20258	do	U. G. May	do	52 60
20259	do	Orval Snook	do	49 60
20260	do	C. A. Surbaugh	do	52 20
20261	do	L. M. Stearns	do	61 20
20262	do	G. W. Salisburg	do	11 20
20263	do	A. M. Bagusin	do	15 00
20264	do	Julius Goebel, Jr	do	12 20
20265	do	C. E. Myers	do	17 20
20266	do	Olive Paine	do	22 00
20267	do	Isabella Anderson	do	15 00
20268	do	Lucile Cravens	do	14 60
20269	do	W. E. Britton	do	29 75
20270	do	Eleanor Hubbard	do	24 60
20271	do	H. T. Wood	do	19 00
20272	do	H. G. Atkinson	do	12 00
20273	do	F. C. Hare	do	28 60
20274	do	E. U. Rugg	do	29 60
20275	do	E. O. Fontaine	do	13 00
20276	do	Frances E. McClughen	do	14 02
20277	do	J. Rachwalski	do	60 00
20278	do	F. A. Kirkpatrick	do	2 75
20279	do	Verna A. Manley	do	31 25
20280	do	K. E. Rockhold	do	7 25
20281	do	Otis Wood	do	28 75
20282	do	R. R. Danielson	do	23 00
20283	do	W. L. Howat	do	26 00
20284	do	J. M. Lindgren	do	125 00
20285	do	G. F. Sutherland	do	21 00
20286	do	F. H. Colyer	do	7 75
20287	do	Grace J. Maxwell	do	60 00
20288	do	H. M. English	do	13 50
20289	do	Minnie E. Watson	do	18 75
20290	do	Chas. Gundlock	do	78 30
20291	do	J. H. Vandiventer	do	91 60
20292	do	Marion E. Sparks	do	29 00
20293	do	Amos Wright	do	88 80
20294	do	F. A. Ferris	do	65 98
20295	do	G. E. Wright	do	76 00
20296	do	A. Bevis	do	148 50
20297	do	E. H. Miller	Expenses	10 00
20298	May 29	Andrew Shields	Dairy products furnished department of dairy husbandry	4 82
20299	do	S. Kaufman & Co.	do	5 16
20300	do	W. J. Kelley	do	3 36
20301	do	W. E. Heyer	do	4 59
20302	do	C. C. Rayburn	do	2 52
20303	do	L. P. Rayburn	do	7 11
20304	do	J. E. Haney	do	4 18
20305	do	S. Herriott	do	1 62
20306	do	F. H. Busey	do	6 32
20307	do	C. C. Gordon	do	3 89
20308	do	C. A. Richman	do	3 92
20309	do	J. B. Marsh	do	4 15
20310	do	E. M. Frankenberg	do	3 39
20311	do	W. E. Womacks	do	2 44
20312	do	W. D. Rohl	do	5 39
20313	do	W. J. Wilson	do	4 41
20314	do	H. Cherry	do	3 89
20315	do	M. Leigh	do	4 64
20316	do	J. A. R. Koch	do	5 48
20317	do	Nicholas Hahn	do	6 99
20318	do	M. Cherry	do	5 48
20319	do	John Cornett	do	3 25
20320	do	C. M. Van Meter	do	3 69
20321	do	F. W. Howell	do	2 93
20322	do	David Hahn	do	5 22
20323	do	E. R. Canady	do	11 22
20324	do	T. A. McCracken	do	3 51
20325	do	Grant Freeman	do	3 39
20326	do	T. M. Ghere	do	6 90
20327	do	Fred Krukewitt	do	5 86

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
20328	May 29	W. E. Yount.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 7 05
20329	..do..	Pearl Hazen.....	..do..	5 48
20330	..do..	H. J. Moorehouse.....	..do..	4 81
20331	..do..	I. T. Webb.....	..do..	3 62
20332	..do..	C. A. Fogel.....	..do..	3 45
20333	..do..	W. W. Herriott.....	..do..	5 28
20334	..do..	J. M. Herriott.....	..do..	5 19
20335	..do..	Frank Knox.....	..do..	4 52
20336	..do..	H. C. Kaufman.....	..do..	4 49
20337	..do..	W. H. Frame.....	..do..	3 92
20338	..do..	M. Hudson.....	..do..	3 68
20339	..do..	J. H. Schwengel.....	..do..	5 16
20340	..do..	O. A. McInness.....	..do..	2 04
20341	..do..	R. S. McInness.....	..do..	3 09
20342	..do..	J. E. Henderson.....	..do..	2 70
20343	..do..	Fred Thompson.....	..do..	3 68
20344	..do..	E. Grove.....	..do..	5 66
20345	..do..	A. W. McDaniels.....	..do..	1 94
20346	..do..	E. J. Percival.....	..do..	2 64
20347	..do..	W. H. Webb.....	..do..	2 47
20348	..do..	G. C. Gordon.....	..do..	4 70
20349	..do..	A. J. Putscher.....	..do..	4 96
20350	..do..	David Wilkin.....	..do..	3 02
20351	..do..	W. Dodson.....	..do..	3 63
20352	..do..	G. F. Diefenbach.....	..do..	4 15
20353	..do..	R. A. Lumsden.....	..do..	4 81
20354	..do..	R. T. Lumsden.....	..do..	4 70
20355	..do..	J. F. Hoy.....	..do..	2 81
20356	..do..	W. F. Hampton.....	..do..	4 70
20357	..do..	L. F. Lindsey.....	..do..	1 60
20358	..do..	P. J. Wagner.....	..do..	6 76
20359	..do..	A. Kröner.....	..do..	3 92
20360	..do..	T. H. Richardson.....	..do..	4 29
20361	..do..	J. W. Cavanaugh.....	..do..	3 13
20362	..do..	I. H. Gordon.....	..do..	4 06
20363	..do..	W. C. Welch.....	..do..	2 73
20364	..do..	Illinois Central R. R. Co.....	Freight bills.....	8 02
20365	..do..	C., C., C. & St. L. Ry. Co., Urbana.....	..do..	24 04
20366	..do..	Carl R. Ohlin.....	Refund.....	25 00
20367	..do..	S. L. Gunther.....	..do..	25 00
20368	..do..	Fred E. North.....	..do..	25 00
20369	..do..	The Coast Products Co.....	Canned goods.....	21 22
20370	..do..	Eisner Grocery Co.....	Groceries.....	99 62
20371	..do..	R. C. Wagner & Son.....	Coal.....	8 63
20372	..do..	A. J. Warren Brush Co.....	Scrub brushes.....	3 50
20373	..do..	20th Century Press Clipping Bureau.....	Clippings for April.....	2 50
20374	..do..	Twin City Creamery Co.....	Butter.....	17 50
20375	..do..	F. A. Fisher.....	Expenses.....	72 55
20376	..do..	H. C. Wheeler.....	..do..	105 90
20377	..do..	Orr Allyn.....	..do..	16 96
20378	..do..	H. W. Stewart.....	..do..	27 25
20379	..do..	F. D. Voris & Sons Co.....	Sprayer supplies.....	32 30
20380	..do..	Twin City Feed Mill & Coal Yard.....	Grinding.....	7 20
20381	..do..	Westinghouse Electric & Mfg. Co.....	Oil.....	10 00
20382	..do..	A. A. Harding.....	Services.....	22 50
20383	..do..	Albert Penick.....	Expenses.....	7 98
20384	..do..	The Julia F. Burnham Hospital.....	Room and board.....	16 50
20385	..do..	J. C. Thomas.....	Labor.....	36 07
20386	..do..	Florence E. Watson.....	Expenses.....	13 01
20387	..do..	K. C. Babcock.....	..do..	3 85
20388	..do..	Ellen M. Henrotin.....	..do..	16 30
20389	..do..	Eggleston's Music House.....	Rent of piano.....	36 00
20390	..do..	H. A. Swits.....	Rabbits.....	3 60
20391	..do..	The Urbana Courier Co.....	Printing.....	38 85
20392	..do..	Underwood Typewriter Co.....	Paper.....	19 20
20393	..do..	Tablet & Ticket Co.....	Supplies.....	1 07
20394	..do..	Swift & Co.....	Fertilizer.....	143 30
20395	..do..	H. B. Ward, Secretary.....	Book.....	2 00
20396	..do..	Twin City Printing Co.....	Stamps.....	1 85
20397	..do..	The Inner-Brace Chair Co.....	Chairs.....	368 32
20398	..do..	G. Broes Van Dort Co.....	Books.....	13 25
20399	..do..	George Strode.....	Awnings.....	16 50
20400	..do..	H. J. Alvis.....	Expenses.....	9 15
20401	..do..	Mrs. Constance Barlow-Smith.....	..do..	2 68
20402	..do..	The Western Gas Fixture Co.....	Supplies.....	341 36
20403	..do..	W. W. Walls & Co.....	Lumber.....	24 11
20404	..do..	The U. of I. Supply Store.....	Stationery, etc.....	18 03
20405	..do..	The University Press.....	Printing.....	37 50

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
20406	May 29	The University Club.....	Entertaining.....	\$ 2 75
20407	do.	Vaughan's Seed Store.....	Supplies.....	26 15
20408	do.	Western Electric Co.....	do.....	27 79
20409	do.	Western Carbon & Ribbon Co.....	do.....	9 59
20410	do.	Walker & Mulliken.....	Furniture.....	61 50
20411	do.	J. Terquem & Cie.....	Books.....	82 82
20412	do.	Twin City Ice & Cold Storage Co.....	Ice and storage.....	36 40
20413	do.	Twin City Roofing & Sheet Metal Works.....	Supplies.....	50 15
20414	do.	Tuttle & Clark.....	Harness supplies.....	33 30
20415	do.	The C. A. Strelinger Co.....	Hardware.....	47 78
20416	do.	B. A. Strauch.....	Photo supplies.....	47 41
20417	do.	The Taylor Hardware Co.....	Supplies.....	4 50
20418	do.	H. Swannell & Co.....	Drugs.....	1 60
20419	do.	George Huff, Director.....	Return of money to redeem towels	354 00
20420	May 31	C. Sadler.....	Dairy products furnished department of dairy husbandry.....	3 22
20421	do.	S. Guinn.....	do.....	3 05
20422	do.	J. E. Henderson.....	do.....	1 16
20423	do.	H. I. Nelson.....	do.....	3 98
20424	do.	Mart Watterson.....	do.....	4 76
20425	do.	Lou Creiger.....	do.....	5 48
20426	do.	E. Grove.....	do.....	2 93
20427	do.	John Godsell.....	do.....	4 64
20428	do.	C. Allen.....	do.....	3 89
20429	do.	Geo. Schiff.....	do.....	4 06
20430	do.	C. W. Pfeister.....	do.....	12 70
20431	do.	G. M. Seeber.....	do.....	7 19
20432	do.	J. A. Curzon.....	do.....	7 16
20433	do.	Z. Alsip.....	do.....	3 05
20434	do.	C. J. Gillespie.....	do.....	4 41
20435	do.	C. M. Reed.....	do.....	3 86
20436	do.	S. Kaufman & Co.....	do.....	4 68
20437	do.	C. E. Burk.....	do.....	2 96
20438	do.	J. E. Haney.....	do.....	4 21
20439	do.	W. A. Ashworth.....	do.....	4 89
20440	do.	G. W. Van Meter.....	do.....	5 97
20441	do.	John Ridgeley.....	do.....	2 03
20442	do.	John Rueb.....	do.....	2 49
20443	do.	L. F. Bialeschki.....	do.....	2 99
20444	do.	R. F. Jordan.....	do.....	4 26
20445	do.	B. Jordan.....	do.....	3 02
20446	do.	C. Ross.....	do.....	1 97
20447	do.	Andrew Shields.....	do.....	4 91
20448	do.	W. L. Davis.....	do.....	4 82
20449	do.	T. M. Guym.....	do.....	4 58
20450	do.	A. W. McJilton.....	do.....	4 76
20451	do.	D. W. Mayo.....	do.....	3 91
20452	do.	Z. C. Keene.....	do.....	4 76
20453	do.	W. C. Gulick.....	do.....	5 13
20454	do.	D. W. Shiveley.....	do.....	3 42
20455	do.	Len Rayburn.....	do.....	5 60
20456	do.	G. C. Cochran.....	do.....	3 86
20457	do.	Frank Sheffer.....	do.....	5 37
20458	do.	Chas. Abbott.....	do.....	1 86
20459	do.	John Wilsey.....	do.....	4 23
20460	do.	B. F. Thomas, Jr.....	do.....	4 36
20461	do.	James H. Rice Co.....	Glass.....	13 12
20462	do.	Will M. Cannady.....	Loan.....	50 00
20463	do.	C. A. Dunseth.....	Wages, May, 1913.....	81 60
20464	do.	C. R. Reiter.....	Butter.....	2 45
20465	do.	V. L. Parker.....	do.....	5 88
20466	do.	J. R. Newberry.....	do.....	8 33
20467	do.	H. E. Siegman.....	do.....	17 26
20468	do.	A. J. Spohn.....	do.....	8 96
20469	do.	W. F. Conway.....	do.....	2 80
20470	do.	M. H. Anderson.....	do.....	7 00
20471	do.	Dewitt Smith.....	do.....	5 88
20472	do.	W. R. Olinger.....	do.....	2 35
20473	do.	Geo. J. Deardorff.....	do.....	5 53
20474	do.	Green River Creamery Co.....	do.....	2 20
20475	do.	Spring Valley Creamery.....	do.....	5 22
20476	do.	Geo. H. Bost.....	do.....	5 88
20477	do.	J. A. Taylor.....	do.....	5 16
20478	do.	R. J. Collier.....	do.....	8 66
20479	do.	Wm. Bramstedt.....	do.....	5 60
20480	do.	F. J. Basting.....	Book.....	5 00
20481	do.	Burley & Co.....	China ware.....	3 84
20482	do.	John Ater.....	Cleaning.....	40 00
20483	do.	C. A. Denman.....	Labor and material.....	39 65

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
20484	May 31	Frank F. Evans.....	Slides.....	\$ 31 00
20485	do.	John H. Doyle.....	Hardware.....	12 60
20486	do.	Bryan-Marsh Electric Works.....	Lights.....	81 65
20487	do.	Hoosier Mfg. Co.....	Soap.....	19 11
20488	do.	Bryne L. Ray.....	Wages, May, 1913.....	25 00
20489	do.	Ralph T. Bishop.....	Programs.....	2 00
20490	do.	Eston V. Tubbs.....	Labor and supplies.....	3 50
20491	do.	F. M. Giles.....	Expenses.....	1 50
20492	do.	Eleanor Hubbard.....	Wages, June, 1913.....	15 80
20493	do.	Otto Schinnerer.....	Wages, May, 1913.....	16 90
20494	do.	A. J. W. Copelin.....	Photos.....	11 10
20495	do.	Chicago Calcium Light Co.....	Rental.....	10 50
20496	do.	McDougall Co.....	Cabinet.....	19 93
20497	do.	John McCullough.....	Oats.....	83 02
20498	do.	Leavitt Mfg. Co.....	Furnace supplies.....	171 39
20499	do.	J. G. Biddle.....	Luxometer.....	39 69
20500	do.	R. R. Donnelley & Sons Co.....	Printing.....	22 50
20501	do.	Palmer & Harris.....	Service.....	89 50
20502	do.	The Carswell Co.....	Books.....	151 50
20503	do.	Bacon Bros.....	Paint, etc.....	19 79
20504	do.	S. E. Huff & Co.....	Lumber.....	86 40
20505	do.	G. E. Stechert & Co.....	Books.....	258 32
20506	do.	B. A. Strauch.....	Photo supplies.....	6 22
20507	do.	Western Carbon & Ribbon Co.....	Supplies.....	3 22
20508	do.	General Electric Co.....	do.....	243 62
20509	do.	Central Electric Co.....	do.....	128 73
20510	do.	J. T. Baker Chemical Co.....	do.....	610 72
20511	do.	Harrison Fahrnkopf.....	Expenses.....	38 46
20512	do.	R. W. Dickenson.....	do.....	31 25
20513	do.	S. V. Holt.....	do.....	108 88
20514	do.	J. E. Whitchurch.....	do.....	73 91
20515	do.	H. C. Gikerson.....	do.....	23 56
20516	do.	O. S. Fisher.....	do.....	57 08
20517	do.	American Aberdeen-Angus Breeders' Assn.....	Fees.....	4 00
20518	do.	D. H. Stevenson.....	Expenses and services.....	44 15
20519	do.	F. M. Simpson.....	Rhubarb.....	3 30
20520	do.	Stipes & Hecker.....	Cement.....	3 80
20521	do.	American Steam Pump Co.....	Tubes.....	1 92
20522	do.	Well Bros.....	Hardware.....	9 00
20523	do.	Twin City Roofing & Sheet Metal Works.....	Supplies.....	8 15
20524	do.	Williams, Brown & Earle.....	Apparatus.....	44 30
20525	do.	Fuller & Fuller Co.....	Chemicals.....	11 50
20526	do.	Joseph McDonough & Co.....	Books.....	6 65
20527	do.	The R. W. McCready Cork Co.....	Corks.....	14 29
20528	do.	C. L. Smith.....	Traveling expenses.....	6 35
20529	do.	C. M. McConn.....	Expenses.....	24 90
20530	do.	Clayton F. Summy Co.....	Music.....	2 00
20531	do.	Chivers Book Binding Co.....	Books.....	3 80
20532	do.	Jacob Reed's Sons.....	Flag.....	3 00
20533	do.	Eggleston's Music House.....	Books and records.....	13 35
20534	do.	E. H. Ladd Gray.....	Rabbits.....	12 00
20535	do.	L. M. Cole.....	Expenses.....	2 40
20536	do.	Matilda F. Slater.....	do.....	9 20
20537	do.	Spencer Lens Co.....	Instruments.....	11 59
20538	do.	Albert Wuestman.....	Clock.....	1 75
20539	do.	Detroit Publishing Co.....	Slides.....	3 03
20540	do.	Southern Illinois Penitentiary.....	Lime stone dust.....	24 00
20541	do.	Automatic Electric Co.....	Supplies.....	12 50
20542	do.	G. Cramer Plate Co.....	do.....	15 31
20543	do.	The Shaw-Walker Co.....	do.....	39 84
20544	do.	N. E. Prince Drug Co.....	do.....	1 15
20545	do.	Maud Parsons.....	Car fare.....	5 00
20546	do.	C. E. Durst.....	Expenses.....	10 19
20547	do.	B. S. Pickett.....	do.....	21 37
20548	do.	B. E. Powell.....	do.....	17 85
20549	do.	W. W. Yapp.....	do.....	9 00
20550	do.	Otto Schwartz.....	do.....	13 77
20551	do.	Kelso & Hill Bros.....	Hardware.....	9 00
20552	do.	The Frederick Post Co.....	Paper.....	1 65
20553	do.	Dean Bros. Steam Pump Works.....	Condenser.....	221 88
20554	do.	R. B. Pogue.....	Expenses.....	21 57
20555	do.	The Standard Calorimeter Co.....	Clamps.....	2 70
20556	do.	G. W. Sheldon & Co.....	Fees and charges.....	13 39
20557	do.	W. W. Blake.....	Books.....	12 50
20558	do.	The Kny-Scheerer Co.....	Dead pape.....	1 29
20559	do.	Statue Law Book Co.....	Books.....	11 88
20560	do.	Tice & Lynch.....	Freight and charges.....	16 30
20561	do.	A. S. Clark.....	Books.....	4 10



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1913.				
20562	May 31	John T. White.	Labor and material.	\$ 12 35
20563	do.	P. S. Campbell.	Blanks.	24 00
20564	do.	Library Bureau.	Furniture.	35 00
20565	do.	Illinois Printing Co.	Reprints.	16 00
20566	do.	Pantagraph Printing & Stationery Co.	Board tubes.	10 00
20567	do.	H. Muller Mfg. Co.	Supplies.	1 23
20568	do.	J. W. Franks & Sons.	Directory.	5 00
20569	do.	Standard Underground Cable Co.	Supplies.	22 58
20570	do.	Paul Hansen.	Expenses.	65 54
20571	do.	American La-France Fire Engine Co.	Supplies.	14 40
20572	do.	The University of Illinois Supply Store.	Stationery, etc.	266 54
20573	do.	J. W. Butler Paper Co.	Stationery.	9 20
20574	do.	D. H. Lloyd.	do.	4 56
20575	do.	Percival & Moorehead.	Hardware.	11 85
20576	do.	The Taylor Hardware Co.	do.	4 85
20577	do.	J. C. Thomas.	do.	46 83
20578	do.	A. C. McClurg & Co.	Books.	207 07
20579	do.	The Boston Book Co.	do.	9 10
20580	do.	Ernst Hertzberg & Sons.	do.	516 93
20581	do.	Eimer & Amend.	Laboratory apparatus.	4 09
20582	do.	Beardsley Hotel Co.	Entertaining.	9 00
20583	do.	G. C. Willis.	Paper.	20 65
20584	do.	Bennett's Newspaper Magazine Agency.	Subscriptions.	38 00
20585	do.	Standard Oil Co.	Oil.	17 44
20586	do.	C. J. Welch, Contractor.	Labor and material.	588 89
20587	do.	Illinois State Reformatory.	Printing.	109 60
20588	do.	The Alexander Lumber Co.	Lumber.	95 60
20589	do.	E. W. Sampson.	Harness.	4 60
20590	do.	The Ideal Electric Co.	Supplies.	18 09
20591	do.	Department of Chemistry.	do.	148 14
20592	do.	Champaign Gas & Electric Supply Co.	do.	12 60
20593	do.	Bausch & Lomb Optical Co.	do.	37 69
20594	June 3	S. E. Lee.	Dairy products furnished department of dairy husbandry.	4 79
20595	do.	P. J. Wagner.	do.	3 54
20596	do.	A. R. Grindley.	do.	5 17
20597	do.	A. G. Guard.	do.	2 84
20598	do.	L. H. Besore.	do.	3 12
20599	do.	R. S. McInness.	do.	2 60
20600	do.	H. Wascher.	do.	1 59
20601	do.	J. W. Cavanaugh.	do.	3 25
20602	do.	H. C. Kaufman.	do.	3 05
20603	do.	J. F. Hoy.	do.	1 40
20604	do.	M. Hudson.	do.	4 20
20605	do.	W. H. Frame.	do.	3 53
20606	do.	A. W. McDaniels.	do.	1 89
20607	do.	E. J. Percival.	do.	2 06
20608	do.	C. C. Gordon.	do.	3 77
20609	do.	O. A. McInness.	do.	1 79
20610	do.	W. F. Hampton.	do.	1 77
20611	do.	Walter Dodson.	do.	2 73
20612	do.	A. R. Putscher.	do.	1 05
20613	do.	J. W. Schwengel.	do.	3 71
20614	do.	J. M. Stickrod.	do.	5 18
20615	do.	David Wilkin.	do.	1 71
20616	do.	W. H. Webb.	do.	1 80
20617	do.	G. C. Gordon.	do.	2 20
20618	do.	O. W. Hampton.	do.	1 32
20619	do.	Ralph Smith.	do.	2 78
20620	do.	David Hahn.	do.	4 38
20621	do.	H. H. Krukewitt.	do.	7 31
20622	do.	C. E. Smoot.	do.	2 70
20623	do.	J. H. Umbanhowar.	do.	5 68
20624	do.	James Freeman.	do.	6 18
20625	do.	James Fisher.	do.	4 18
20626	do.	Frank Sheffer.	do.	4 62
20627	do.	J. J. Gender.	do.	3 10
20628	do.	G. C. Cochran.	do.	3 46
20629	do.	Wm. Case.	do.	4 47
20630	do.	W. E. Womacks.	do.	2 32
20631	do.	C. Wilson.	do.	4 73
20632	do.	W. J. Wilson.	do.	2 81
20633	do.	T. M. Clayton.	do.	3 87
20634	do.	C. M. Van Meter.	do.	3 20
20635	do.	J. F. Hubbard.	do.	1 58
20636	do.	J. A. R. Koch.	do.	5 19
20637	do.	Van Carter.	do.	4 23
20638	do.	T. M. Ghere.	do.	7 37
20639	do.	M. Leigh.	do.	3 63

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
20640	June 3	J. R. Rutan.....	Dray products furnished depart- ment of dairy husbandry.....	\$ 5 31
20641	..do....	G. O. McMorris.....	do.....	3 22
20642	..do....	R. H. Brewer.....	do.....	1 91
20643	..do....	F. H. Bussey.....	do.....	4 18
20644	..do....	W. W. Herriott.....	do.....	3 48
20645	..do....	Geo. Herriott.....	do.....	7 45
20646	..do....	Z. C. Keene.....	do.....	4 23
20647	..do....	Andrew Primmer.....	do.....	1 42
20648	..do....	C. A. Fogel.....	do.....	5 22
20649	..do....	I. H. Gordon.....	do.....	3 80
20650	..do....	L. W. Maxwell.....	do.....	4 35
20651	..do....	W. C. Welch.....	do.....	2 47
20652	..do....	John Weiss.....	do.....	38 90
20653	..do....	John McCullough.....	do.....	8 42
20654	..do....	J. M. Smith.....	do.....	30 69
20655	..do....	Cora Stacker.....	do.....	6 37
20656	..do....	S. Atchinson.....	do.....	7 00
20657	..do....	R. Graham.....	do.....	4 21
20658	..do....	A. H. Aagaard.....	Refund of fees.....	24 00
20659	..do....	W. O. Andrews.....	do.....	24 00
20660	..do....	F. M. Atkinson.....	do.....	24 00
20661	..do....	E. K. Augustus.....	do.....	24 00
20662	..do....	H. L. Bauer.....	do.....	24 00
20663	..do....	A. W. Baumgarten.....	do.....	24 00
20664	..do....	F. H. Bergland.....	do.....	24 00
20665	..do....	E. H. Berry.....	do.....	24 00
20666	..do....	W. J. Blum.....	do.....	24 00
20667	..do....	L. A. Boettger.....	do.....	24 00
20668	..do....	W. E. Bow.....	do.....	24 00
20669	..do....	J. F. Brown.....	do.....	24 00
20670	..do....	N. F. Brunkow.....	do.....	24 00
20671	..do....	W. J. Bublitz.....	do.....	24 00
20672	..do....	P. E. Buck.....	do.....	24 00
20673	..do....	W. J. Carmichael.....	do.....	24 00
20674	..do....	J. E. Churchill.....	do.....	24 00
20675	..do....	H. E. Codlin.....	do.....	24 00
20676	..do....	G. H. Cole.....	do.....	24 00
20677	..do....	H. O. Danz.....	do.....	24 00
20678	..do....	A. W. Davis.....	do.....	24 00
20679	..do....	H. Devine.....	do.....	24 00
20800	..do....	E. A. Dolsey.....	do.....	24 00
20811	..do....	L. B. Ermelng.....	do.....	24 00
20832	..do....	L. W. Faulkner.....	do.....	24 00
20833	..do....	E. R. Foster.....	do.....	24 00
20834	..do....	O. F. Foster.....	do.....	24 00
20835	..do....	C. W. Gates.....	do.....	24 00
20836	..do....	F. J. Glieller.....	do.....	24 00
20837	..do....	E. A. Glenz.....	do.....	24 00
20838	..do....	E. L. Hasker.....	do.....	24 00
20839	..do....	E. R. Hatowski.....	do.....	24 00
20890	..do....	H. C. Hohman.....	do.....	24 00
20891	..do....	C. R. Horrell.....	do.....	24 00
20892	..do....	H. E. Howes.....	do.....	24 00
20893	..do....	R. A. Kane.....	do.....	24 00
20894	..do....	R. C. Kirchoff.....	do.....	24 00
20895	..do....	J. F. Kohout.....	do.....	24 00
20896	..do....	E. H. Leslie.....	do.....	24 00
20897	..do....	J. E. Lewis.....	do.....	24 00
20898	..do....	F. H. Loeffler.....	do.....	24 00
20899	..do....	E. M. Lurie.....	do.....	24 00
20700	..do....	L. W. Miner.....	do.....	24 00
20701	..do....	G. Meyer.....	do.....	24 00
20702	..do....	H. S. Mueller.....	do.....	24 00
20703	..do....	M. L. Nebel.....	do.....	24 00
20704	..do....	R. U. Nichols.....	do.....	24 00
20705	..do....	H. P. Ousley.....	do.....	24 00
20706	..do....	J. C. Palmer.....	do.....	24 00
20707	..do....	W. K. Palmer.....	do.....	24 00
20708	..do....	N. L. Partridge.....	do.....	24 00
20709	..do....	E. C. Prouty.....	do.....	24 00
20710	..do....	D. M. Riff.....	do.....	24 00
20711	..do....	P. C. Rich.....	do.....	24 00
20712	..do....	L. R. Ruby.....	do.....	24 00
20713	..do....	C. B. Sgrye.....	do.....	24 00
20714	..do....	W. H. Scates.....	do.....	24 00
20715	..do....	C. A. Schoessel.....	do.....	24 00
20716	..do....	M. G. Severinghaus.....	do.....	24 00
20717	..do....	Renel L. Smith.....	do.....	24 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
20718	June 1913.	3		
20719	do.	M. P. Taylor	Refund of fees.	\$ 24 00
20720	do.	C. Thayer	do.	24 00
20721	do.	C. H. Thompson	do.	24 00
20722	do.	H. C. Thompson	do.	24 00
20723	do.	H. S. Tressel	do.	24 00
20724	do.	H. P. Vandercook	do.	24 00
20725	do.	C. Vely	do.	24 00
20726	do.	C. H. Westcott	do.	24 00
20727	do.	C. A. Wold	do.	24 00
20728	do.	H. G. Wood	do.	24 00
20729	do.	T. E. Savage	Expenses.	5 22
20730	do.	E. R. Ludwig	Final allowance.	200 00
20731	do.	W. M. Taylor	Labor and expenses.	18 29
20732	do.	E. C. Schmidt	Expenses.	11 65
20733	do.	W. W. Lindley, Postmaster	Stamps.	240 00
20734	do.	Ralph Hilscher	Expenses.	6 56
20735	June	4	Esner Grocery Co.	9 10
20736	do.	Leon Creiger	Dairy products furnished depart- ment of dairy husbandry.	6 82
20737	do.	E. Grove	do.	2 99
20738	do.	J. H. Besore	do.	4 52
20739	do.	J. W. Cavanaugh	do.	2 15
20740	do.	Geo. Schiff	do.	2 67
20741	do.	E. F. Lyons	do.	4 79
20742	do.	T. P. Lyons	do.	1 10
20743	do.	S. Gunn	do.	5 57
20744	do.	Geo. Taylor	do.	2 73
20745	do.	Ralph Smith	do.	2 68
20746	do.	J. M. Stokrod	do.	2 35
20747	do.	Fred Thompson	do.	8 29
20748	do.	P. T. Dunn	do.	2 23
20749	do.	C. M. Reed	do.	3 83
20750	do.	T. A. McCracken	do.	3 71
20751	do.	Frank Knox	do.	4 64
20752	do.	W. A. Ashworth	do.	5 56
20753	do.	H. F. Ridgely	do.	3 39
20754	do.	Harding Green	do.	3 90
20755	do.	J. M. Herriott	do.	2 66
20756	do.	C. Ross	do.	3 54
20757	do.	B. Jordan	do.	4 18
20758	do.	John Rueb	do.	5 66
20759	do.	Geo. Herriott	do.	5 66
20760	do.	Wm. Van Busckirk	do.	3 36
20761	do.	Len Rayburn	do.	5 80
20762	do.	C. J. Gillespie	do.	8 38
20763	do.	Grant Freeman	do.	3 54
20764	do.	Wm. Herriott	do.	4 96
20765	do.	D. W. Shiveley	do.	5 48
20766	do.	Chas. Sadler	do.	2 84
20767	do.	T. F. Jordan	do.	9 37
20768	do.	S. Kautman & Co.	do.	7 42
20769	do.	E. R. Canady	do.	5 63
20770	do.	A. Kroner	do.	5 54
20771	do.	Andrew Shields	do.	5 66
20772	do.	Wm. Leischener	do.	2 38
20773	do.	E. W. Morrison	do.	3 92
20774	do.	F. C. Stevenson	do.	3 83
20775	do.	Cecil Pittman	do.	4 06
20776	do.	D. B. White	do.	4 21
20777	do.	M. Cherry	do.	4 76
20778	do.	A. W. McMillon	do.	4 27
20779	do.	Andrew Primmer	do.	3 83
20780	do.	W. E. Hayer	do.	2 73
20781	do.	S. T. Carter	do.	2 83
20782	do.	Wm. Brown	do.	4 03
20783	do.	G. W. Miller	do.	4 18
20784	do.	B. F. Thomas, Jr.	do.	4 47
20785	do.	Z. C. Keene	do.	4 33
20786	do.	D. M. Sims	Labor and material.	4 03
20787	do.	C. F. Miller	Petty expenses.	15 09
20788	do.	George E. Frazer	Expenses.	37 50
20789	do.	David Kinley	do.	56 68
20790	do.	H. L. Thomson	Wages, May, 1913.	26 00
20791	do.	Nick Peterson	do.	33 80
20792	do.	C. P. Moore	do.	83 00
20793	do.	C. E. McClara	do.	13 20
20794	do.	J. W. Hunter	do.	22 40
20795	do.	E. H. Swigert	do.	30 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
20796	June 4	Peck & Hills Furniture Co.	Couch.	\$ 32 83
20797	..do..	A. J. Corson.	Wages, May, 1913.	16 80
20798	..do..	Paul Millizen.	..do..	23 00
20799	..do..	Roy Mount.	..do..	51 00
20800	..do..	Chas. Pollard.	..do..	54 00
20801	..do..	Stafford Simer.	..do..	47 00
20802	..do..	The Novelty Supply Co.	Examination books.	232 40
20803	June 5	Illinois Traction System.	Freight.	16 60
20804	..do..	The Wabash R. R.	..do..	39 73
20805	..do..	R. T. Lumsden.	Dairy products furnished depart- ment of dairy husbandry.	1 09
20806	..do..	R. G. McMahon.	..do..	2 90
20807	..do..	A. R. Grindley.	..do..	4 06
20808	..do..	C. W. Pfeister.	..do..	8 99
20809	..do..	L. F. Lindsey.	..do..	1 35
20810	..do..	A. J. Putscher.	..do..	1 28
20811	..do..	J. E. Henderson.	..do..	3 02
20812	..do..	H. J. Schwengel.	..do..	5 45
20813	..do..	David Wilkin.	..do..	1 97
20814	..do..	R. A. Lumsden.	..do..	3 44
20815	..do..	H. C. Kaufman.	..do..	4 67
20816	..do..	J. F. Hoy.	..do..	2 22
20817	..do..	W. F. Hampton.	..do..	2 15
20818	..do..	G. F. Diefenbach.	..do..	1 32
20819	..do..	C. G. Gordon.	..do..	5 10
20820	..do..	M. Hudson.	..do..	3 36
20821	..do..	C. C. Gordon.	..do..	4 03
20822	..do..	W. H. Webb.	..do..	2 10
20823	..do..	A. W. McDaniels.	..do..	1 30
20824	..do..	R. S. McInness.	..do..	2 99
20825	..do..	O. A. McInness.	..do..	2 70
20826	..do..	S. Kaufman & Co.	..do..	3 50
20827	..do..	D. W. Mayo.	..do..	6 91
20828	..do..	G. W. Miller.	..do..	4 76
20829	..do..	Wm. Gulick.	..do..	3 54
20830	..do..	Pearl Hazen.	..do..	6 67
20831	..do..	A. W. McIlilton.	..do..	3 46
20832	..do..	C. A. Richman.	..do..	3 58
20833	..do..	W. J. Wilson.	..do..	3 74
20834	..do..	Chas. Wilson.	..do..	4 23
20835	..do..	T. H. Richardson.	..do..	5 10
20836	..do..	Nicholas Hahn.	..do..	7 45
20837	..do..	J. H. Umbanhowar.	..do..	4 99
20838	..do..	J. E. Haney.	..do..	5 91
20839	..do..	C. M. Van Meter.	..do..	2 91
20840	..do..	G. W. Van Meter.	..do..	4 59
20841	..do..	G. H. Spencer.	..do..	5 74
20842	..do..	E. M. Frankenberg.	..do..	3 13
20843	..do..	David Hahn.	..do..	4 70
20844	..do..	A. G. Krukewitt.	..do..	3 83
20845	..do..	W. D. Rohl.	..do..	6 41
20846	..do..	J. A. R. Koch.	..do..	5 05
20847	..do..	M. Leigh.	..do..	4 29
20848	..do..	W. E. Yount.	..do..	6 67
20849	..do..	C. E. Burk.	..do..	2 26
20850	..do..	Ed. Hutchins.	..do..	3 25
20851	..do..	W. E. Womacks.	..do..	2 87
20852	..do..	W. E. Satterfield.	..do..	4 61
20853	..do..	P. J. Wagner.	..do..	6 03
20854	..do..	R. H. Brewer.	..do..	1 51
20855	..do..	L. P. Rayburn.	..do..	7 11
20856	..do..	F. H. Busey.	..do..	5 10
20857	..do..	S. Herriott.	..do..	1 83
20858	..do..	C. C. Rayburn.	..do..	2 15
20859	..do..	C. A. Fogel.	..do..	4 87
20860	..do..	I. T. Webb.	..do..	4 84
20861	..do..	I. W. Maxwell.	..do..	2 84
20862	..do..	I. H. Gordon.	..do..	3 97
20863	..do..	J. W. Willsey.	..do..	5 31
20864	..do..	Department of Chemistry.	Supplies.	367 61
20865	..do..	Well Bros.	Pipe.	26 68
20866	..do..	D. R. Sperry & Co.	Machinery.	110 00
20867	..do..	W. S. Bayley.	Supplies.	3 92
20868	..do..	Herrick & Stoltey.	Service.	29 75
20869	..do..	E. J. Pike.	Expenses.	105 29
20870	..do..	Harold Bolander.	Wages, May 20 to June 4, 1913.	3 74
20871	..do..	A. O. Budina.	Wages, April and May.	6 50
20872	..do..	J. Terquem & Co.	Books.	11 34
20873	..do..	B. A. Strauch.	Labor and material.	32 95

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
20874	June 5	C., C. C. & St. L. Ry. Co.....	Freight bills.....	\$178 41
20875	June 6	The Wabash R. R.....	do.....	12 37
20876	do.....	Western Union Telegraph Co.....	Service.....	4 41
20877	do.....	Postal Telegraph-Cable Co.....	do.....	10 46
20878	do.....	Ralph Smith.....	Dairy products furnished depart- ment of dairy husbandry.....	1 77
20879	do.....	J. M. Stickrod.....	do.....	7 69
20880	do.....	H. Wascher.....	do.....	3 02
20881	do.....	G. M. Seeber.....	do.....	7 13
20882	do.....	C. A. Ilen.....	do.....	5 39
20883	do.....	Geo. Schiff.....	do.....	4 26
20884	do.....	John Godsell.....	do.....	3 94
20885	do.....	Mart Watterson.....	do.....	4 09
20886	do.....	Ed. Murphey.....	do.....	5 63
20887	do.....	O. F. Gulick.....	do.....	3 31
20888	do.....	D. W. Shiveley.....	do.....	6 12
20889	do.....	C. Ross.....	do.....	3 16
20890	do.....	T. F. Jordan.....	do.....	4 84
20891	do.....	Wm. Brown.....	do.....	4 41
20892	do.....	B. Jordan.....	do.....	4 87
20893	do.....	C. J. Gillespie.....	do.....	3 48
20894	do.....	Frank Knox.....	do.....	4 12
20895	do.....	Zillah Whitehead.....	do.....	2 90
20896	do.....	F. C. Stevenson.....	do.....	5 43
20897	do.....	W. L. Davis.....	do.....	4 79
20898	do.....	Z. C. Keene.....	do.....	4 12
20899	do.....	E. R. Canady.....	do.....	10 32
20900	do.....	Len Rayburn.....	do.....	5 28
20901	do.....	John Cornett.....	do.....	3 60
20902	do.....	C. Abbott.....	do.....	1 94
20903	do.....	E. J. Miller.....	do.....	3 57
20904	do.....	A. Kroner.....	do.....	5 63
20905	do.....	A. J. Albrecht.....	Band scholarship.....	24 00
20906	do.....	E. J. Anderle.....	do.....	24 00
20907	do.....	G. C. Bainum.....	do.....	24 00
20908	do.....	G. I. Boone.....	do.....	24 00
20909	do.....	A. H. Campbell.....	do.....	24 00
20910	do.....	K. A. Clark.....	do.....	24 00
20911	do.....	R. R. Danielson.....	do.....	24 00
20912	do.....	F. C. Feutz.....	do.....	24 00
20913	do.....	R. P. Hall.....	do.....	24 00
20914	do.....	R. R. Hawkins.....	do.....	24 00
20915	do.....	G. R. Hess.....	do.....	24 00
20916	do.....	M. E. Hinds.....	do.....	24 00
20917	do.....	C. A. Holton.....	do.....	24 00
20918	do.....	W. I. Kirby.....	do.....	24 00
20919	do.....	B. L. Kirk.....	do.....	24 00
20920	do.....	M. S. Mason.....	do.....	24 00
20921	do.....	H. Mathews.....	do.....	24 00
20922	do.....	W. W. Miller.....	do.....	24 00
20923	do.....	F. W. Mohlman.....	do.....	24 00
20924	do.....	D. K. Morrison.....	do.....	24 00
20925	do.....	A. H. Orcutt.....	do.....	24 00
20926	do.....	W. H. Ponder.....	do.....	24 00
20927	do.....	F. R. Powers.....	do.....	24 00
20928	do.....	F. E. Richart.....	do.....	24 00
20929	do.....	K. V. Root.....	do.....	24 00
20930	do.....	E. E. Sandall.....	do.....	24 00
20931	do.....	W. H. Taylor.....	do.....	24 00
20932	do.....	J. M. Thomas.....	do.....	24 00
20933	do.....	J. R. Shulters.....	do.....	24 00
20934	do.....	C. H. Threlkeld.....	do.....	24 00
20935	do.....	C. A. Vincent.....	do.....	24 00
20936	do.....	E. G. Young.....	do.....	24 00
20937	do.....	L. B. Hiebel.....	do.....	24 00
20938	do.....	R. I. Shawl.....	do.....	24 00
20939	do.....	A. N. Talbot.....	Expenses.....	1 50
20940	do.....	B. Barlow.....	do.....	29 19
20941	June 9	Standard Cap & Seal Co.....	Apparatus.....	6 50
20942	do.....	John Sexton & Co.....	Groceries.....	55 28
20943	do.....	Singer Sewing Machine Co.....	Belts.....	1 80
20944	do.....	Ernst Letzt.....	Laboratory supplies.....	1 82
20945	do.....	P. Adams.....	Hauling.....	69 70
20946	do.....	J. Bishop & Co.....	Silver wire.....	2 17
20947	do.....	D. H. Fairchild.....	Wages, May, 1913.....	50 65
20948	do.....	Herrick & Stoltey.....	Services.....	10 00
20949	do.....	Architectural Book Publishing Co.....	Books.....	57 00
20950	do.....	Addressograph Co.....	Addresses.....	7 51
20951	do.....	O. E. Shobe & Co.....	Service.....	1 50

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
20952	June 9	Lay, Hubbard & Wheelwright.....	Copies of magazine.....	\$ 4 00
20953	do.	R. T. Stull.....	Expenses.....	66 10
20954	do.	Leavitt Mfg. Co.....	Labor and material.....	82 95
20955	do.	Baker & Co.....	Laboratory supplies.....	50 02
20956	do.	The Engineering Magazine.....	Advertising.....	1 99
20957	do.	Western Electric Co.....	Supplies.....	27 29
20958	do.	Architectural Club.....	Year books.....	200 00
20959	do.	W. W. Blake.....	Books.....	22 00
20960	do.	James G. Biddle.....	Apparatus.....	175 20
20961	do.	Edward Bartow.....	Expenses.....	43 50
20962	do.	The Standard Calorimeter Co.....	Laboratory apparatus.....	93 40
20963	do.	Standard Oil Co.....	Oil.....	18 71
20964	do.	G. E. Stechert & Co.....	Books.....	380 08
20965	do.	F. M. Leslie.....	Drugs, etc.....	34 25
20966	do.	White Line Steam Laundry.....	Washing.....	72 75
20967	do.	Central Electric Co.....	Supplies.....	12 53
20968	June 10	O. E. Staples, Chief Clerk.....	Sundry bills paid.....	111 62
20969	do.	O. E. Staples, Chief Clerk.....	Students' payroll.....	728 99
20970	do.	O. E. Staples, Chief Clerk.....	Express bills paid.....	57 52
20971	do.	O. E. Staples, Chief Clerk.....	General labor payroll.....	449 95
20972	do.	O. E. Staples, Chief Clerk.....	Students' payroll.....	544 74
20973	do.	O. E. Staples, Chief Clerk.....	Express bills paid.....	33 92
20974	do.	O. E. Staples, Chief Clerk.....	do.....	24 30
20975	do.	W. W. Lindley, Postmaster.....	Postage.....	461 15
20976	do.	C. C. Wiley.....	Wages, May, 1913.....	40 20
20977	do.	Rosa Lee Gaut.....	do.....	41 00
20978	do.	J. E. Henderson.....	Dairy products furnished depart- ment of dairy husbandry.....	1 43
20979	do.	Fred Thompson.....	do.....	3 51
20980	do.	H. I. Nelson.....	do.....	3 46
20981	do.	Geo. Taylor.....	do.....	2 55
20982	do.	A. G. Guard.....	do.....	2 29
20983	do.	David Wilkin.....	do.....	1 74
20984	do.	A. R. Grindley.....	do.....	2 17
20985	do.	J. W. Cavanaugh.....	do.....	3 13
20986	do.	G. C. Gordon.....	do.....	3 57
20987	do.	W. H. Webb.....	do.....	1 64
20988	do.	W. H. Frame.....	do.....	3 86
20989	do.	T. P. Lyons.....	do.....	2 84
20990	do.	J. F. Hoy.....	do.....	1 46
20991	do.	I. H. Besore.....	do.....	1 93
20992	do.	C. M. Pfeister.....	do.....	4 52
20993	do.	J. H. Schwengel.....	do.....	4 15
20994	do.	H. C. Kaufman.....	do.....	3 29
20995	do.	E. Grove.....	do.....	3 80
20996	do.	Lou Creiger.....	do.....	3 31
20997	do.	G. F. Diefenbach.....	do.....	1 70
20998	do.	A. J. Putscher.....	do.....	1 97
20999	do.	W. F. Hampton.....	do.....	1 83
21000	do.	R. T. Lumsden.....	do.....	1 26
21001	do.	M. Hudson.....	do.....	3 60
21002	do.	A. W. McDaniels.....	do.....	1 61
21003	do.	E. J. Percival.....	do.....	1 61
21004	do.	C. C. Gordon.....	do.....	3 63
21005	do.	R. S. McInness.....	do.....	1 69
21006	do.	G. W. Van Meter.....	do.....	4 50
21007	do.	J. E. Haney.....	do.....	6 20
21008	do.	J. H. Umbanhowar.....	do.....	4 93
21009	do.	Van Carter.....	do.....	4 29
21010	do.	Chas. Wilson.....	do.....	2 93
21011	do.	M. Leigh.....	do.....	3 45
21012	do.	W. D. Rohl.....	do.....	5 22
21013	do.	H. H. Krukewitt.....	do.....	6 03
21014	do.	W. E. Heyer.....	do.....	4 82
21015	do.	F. W. Howell.....	do.....	3 19
21016	do.	W. J. Wilson.....	do.....	3 31
21017	do.	C. E. Smoot.....	do.....	2 52
21018	do.	James Freeman.....	do.....	5 66
21019	do.	James Fisher.....	do.....	4 12
21020	do.	Z. Alsip.....	do.....	3 34
21021	do.	J. H. Perham.....	do.....	3 83
21022	do.	Wm. Van Buskirk.....	do.....	3 25
21023	do.	John Rueb.....	do.....	2 67
21024	do.	J. H. Rutan.....	do.....	3 28
21025	do.	Wm. Case.....	do.....	2 96
21026	do.	T. M. Ghere.....	do.....	7 66
21027	do.	T. M. Clayton.....	do.....	3 07
21028	do.	D. B. White.....	do.....	2 99
21029	do.	E. R. Canady.....	do.....	4 81

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
21030	June 10	W. E. Womacks.....	Dairy products furnished department of dairy husbandry.....	\$ 2 35
21031	..do....	F. Krukewitt.....	..do....	4 29
21032	..do....	S. E. Lee.....	..do....	4 70
21033	..do....	Wm. Herriott.....	..do....	5 22
21034	..do....	C. M. Reed.....	..do....	4 12
21035	..do....	C. A. Fogel.....	..do....	3 36
21036	..do....	E. J. Miller.....	..do....	3 48
21037	..do....	Pearl Hazen.....	..do....	3 54
21038	..do....	J. M. Herriott.....	..do....	2 55
21039	..do....	T. A. McCracken.....	..do....	3 71
21040	..do....	F. H. Busey.....	..do....	3 39
21041	..do....	Frank Sheffer.....	..do....	3 85
21042	..do....	G. W. Miller.....	..do....	4 30
21043	..do....	Andrew Shields.....	..do....	5 43
21044	..do....	O. A. Foster.....	..do....	4 27
21045	..do....	Geo. Herriott.....	..do....	7 34
21046	..do....	I. H. Gordon.....	..do....	4 18
21047	..do....	L. W. Maxwell.....	..do....	2 99
21048	..do....	W. C. Welch.....	..do....	2 47
21049	..do....	Peter J. Peterson.....	Butter.....	6 16
21050	..do....	Green River Creamery Co.....	..do....	2 80
21051	..do....	C., C. C. & St. L. Ry. Co.....	Freight bills.....	8 84
21052	..do....	C., C. C. & St. L. Ry. Co.....	..do....	19 65
21053	..do....	Fred Bockelmann.....	Expenses and services.....	18 34
21054	..do....	Rollins Steam Specialty & Valve Co.....	Governors.....	19 35
21055	..do....	Olney Coal & Teaming Co.....	Hauling.....	34 55
21056	..do....	Geo. W. Matheny.....	Expenses.....	54 50
21057	..do....	C. A. Campbell.....	..do....	34 68
21058	..do....	Wm. Aten, Sr.....	..do....	42 25
21059	..do....	Harrison Fahrnkopf.....	..do....	25 04
21060	..do....	W. E. Braden.....	..do....	745 05
21061	..do....	Frank Morgan.....	..do....	52 20
21062	..do....	J. F. Johnson.....	..do....	51 64
21063	..do....	Stephen Rogers.....	..do....	157 51
21064	..do....	Rance Sutton.....	..do....	21 84
21065	..do....	A. L. Moats.....	..do....	27 75
21066	..do....	Geo. W. Medley.....	..do....	32 70
21067	..do....	A. E. Morris.....	..do....	51 42
21068	..do....	Albert Tate.....	..do....	62 25
21069	..do....	W. A. Ruth.....	..do....	32 78
21070	..do....	Geo. M. Hinkley.....	..do....	27 55
21071	..do....	H. W. Stewart.....	..do....	55 58
21072	..do....	F. W. Gault.....	..do....	101 36
21073	..do....	Orr Allyn.....	..do....	16 63
21074	..do....	R. W. Dickenson.....	..do....	28 55
21075	..do....	W. J. Fraser.....	..do....	20 69
21076	..do....	W. H. Brett.....	Expenses and services.....	20 17
21077	..do....	Augusta D. Evans.....	Seeds purchased.....	4 05
21078	..do....	Helena M. Pincomb.....	Expenses.....	13 29
21079	..do....	B. S. Pickett.....	..do....	17 81
21080	..do....	A. F. Krueger.....	..do....	5 15
21081	..do....	H. C. Lawson.....	..do....	13 78
21082	..do....	L. M. Wakeley.....	..do....	6 68
21083	..do....	A. F. Gustafson.....	..do....	31 47
21084	..do....	Geo. M. Hinkley.....	..do....	23 08
21085	..do....	E. H. Sargent & Co.....	Laboratory apparatus.....	25 84
21086	..do....	A. C. McClurg & Co.....	Books.....	42 23
21087	..do....	The Saffell Co.....	Hardware.....	5 10
21088	..do....	D. H. Lloyd.....	Supplies.....	264 47
21089	June 11	Mart Watterson.....	Dairy products furnished department of dairy husbandry.....	4 47
21090	..do....	Ralph Smith.....	..do....	2 09
21091	..do....	S. Guinn.....	..do....	4 55
21092	..do....	Geo. Schiff.....	..do....	5 66
21093	..do....	P. P. Dunn.....	..do....	3 10
21094	..do....	L. F. Bialeschski.....	..do....	2 85
21095	..do....	John Ridgely.....	..do....	2 99
21096	..do....	Chas. Sadler.....	..do....	3 97
21097	..do....	Frank Knox.....	..do....	4 58
21098	..do....	C. J. Gillespie.....	..do....	7 34
21099	..do....	E. J. Miller.....	..do....	2 38
21100	..do....	Geo. Herriott.....	..do....	3 54
21101	..do....	Len Rayburn.....	..do....	4 93
21102	..do....	Z. C. Keene.....	..do....	4 00
21103	..do....	W. A. Ashworth.....	..do....	3 76
21104	..do....	Grant Freeman.....	..do....	3 36
21105	..do....	S. Kaufman & Co.....	..do....	2 42
21106	..do....	G. W. Miller.....	..do....	4 64

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
21107	1913. June 11	A. W. McJilton.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 4 30
21108	..do....	M. Cherry.....	..do.....	2 83
21109	..do....	Cecil Pittman.....	..do.....	2 70
21110	..do....	Harding Green.....	..do.....	3 89
21111	..do....	H. Cherry.....	..do.....	4 00
21112	..do....	I. T. Webb.....	..do.....	4 49
21113	..do....	J. J. Gender.....	..do.....	4 78
21114	..do....	A. Kroner.....	..do.....	5 63
21115	..do....	Andrew Shields.....	..do.....	5 66
21116	..do....	F. C. Stevenson.....	..do.....	4 29
21117	..do....	C. J. Von Holten.....	..do.....	3 57
21118	..do....	William Foor.....	Cows.....	125 00
21119	..do....	The Creamery Package Mfg. Co.....	Supplies.....	10 61
21120	..do....	Eisner Grocery Co.....	Groceries.....	76 37
21121	..do....	Jolly, Wieland & Richardson Co.....	Hardware.....	43 85
21122	..do....	P. S. Campbell.....	Printing.....	5 50
21123	..do....	G. Cramer Dry Plate Co.....	Supplies.....	26 72
21124	..do....	T. C. Thayer.....	Wages, April 22-June 5, 1913.....	55 00
21125	..do....	R. R. Donnelley & Sons Co.....	Printing.....	4,371 53
21126	..do....	Crane Co.....	Hardware.....	11 34
21127	..do....	Illinois State Penitentiary.....	Brooms.....	30 00
21128	..do....	Jewell Belting Co.....	Supplies.....	5 49
21129	..do....	Bryan Marsh Electric Works.....	..do.....	35 50
21130	..do....	G. & W. Electric Specialty Co.....	Junction boxes.....	22 50
21131	..do....	W. E. Johns, Business Manager.....	Copy of Illio.....	4 00
21132	..do....	Electrical Engineering Show.....	Material.....	36 72
21133	..do....	A. B. Storms.....	Honorarium and expenses.....	107 07
21134	..do....	Cable Piano Co.....	Rental.....	6 00
21135	..do....	C. C. Adams.....	Car fare.....	13 25
21136	..do....	Capitol Engraving Co.....	Drawings and etchings.....	2 70
21137	..do....	Cunningham Bros.....	Drugs.....	9 80
21138	..do....	N. H. Shields, Contractor.....	Payment on contract.....	5,000 00
21139	..do....	Illinois Traction System.....	Labor and material.....	72 79
21140	..do....	The Cutler-Hammer Mfg. Co.....	Machinery.....	14 35
21141	..do....	John G. Oglesby.....	Bull calf.....	175 00
21142	..do....	International Geological Congress.....	Membership fee.....	5 00
21143	..do....	J. L. Rich.....	Traveling expenses.....	6 59
21144	..do....	Illinois Water Supply Assn.....	Advertising.....	16 00
21145	..do....	Illinois Press Clipping Bureau.....	Service.....	5 00
21146	..do....	Illinois State Reformatory.....	Printing.....	66 70
21147	..do....	Ideal Electric Co.....	Supplies.....	4 85
21148	..do....	C. W. Johnson.....	Hardware.....	3 95
21149	..do....	U. & C. Railway, Gas & Electric Co.....	Fuel and light.....	506 80
21150	..do....	J. A. Curzon.....	Dairy products furnished depart- ment of dairy husbandry.....	7 40
21151	..do....	R. S. McInness.....	..do.....	2 85
21152	..do....	C. C. Gordon.....	..do.....	3 97
21153	..do....	H. Wascher.....	..do.....	3 33
21154	..do....	J. W. Cavanaugh.....	..do.....	2 99
21155	..do....	E. Grove.....	..do.....	4 00
21156	..do....	Lou Creiger.....	..do.....	3 51
21157	..do....	A. J. Putscher.....	..do.....	2 54
21158	..do....	O. A. McInness.....	..do.....	1 77
21159	..do....	I. H. Besore.....	..do.....	1 73
21160	..do....	J. F. Hoy.....	..do.....	2 46
21161	..do....	W. F. Hampton.....	..do.....	2 44
21162	..do....	C. M. Pfeister.....	..do.....	7 98
21163	..do....	W. H. Webb.....	..do.....	2 45
21164	..do....	J. H. Schwengel.....	..do.....	5 22
21165	..do....	J. E. Henderson.....	..do.....	2 41
21166	..do....	E. J. Percival.....	..do.....	2 07
21167	..do....	R. A. Lumsden.....	..do.....	2 32
21168	..do....	H. C. Kaufman.....	..do.....	4 67
21169	..do....	M. Hudson.....	..do.....	3 45
21170	..do....	G. F. Diefenbach.....	..do.....	2 95
21171	..do....	C. Wilson.....	..do.....	4 03
21172	..do....	P. J. Wagner.....	..do.....	6 38
21173	..do....	Wm. Herriott.....	..do.....	3 48
21174	..do....	C. M. Van Meter.....	..do.....	3 68
21175	..do....	J. E. Haney.....	..do.....	6 03
21176	..do....	Wm. Brown.....	..do.....	4 23
21177	..do....	Wm. Gulick.....	..do.....	4 03
21178	..do....	W. L. Davis.....	..do.....	5 11
21179	..do....	Pearl Hazen.....	..do.....	3 94
21180	..do....	W. D. Rohl.....	..do.....	5 10
21181	..do....	J. A. R. Koch.....	..do.....	5 31
21182	..do....	E. R. Canady.....	..do.....	8 29
21183	..do....	R. H. Brewer.....	..do.....	3 22



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
21184	June 11	T. H. Richardson.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 4 52
21185	..do....	J. B. Marsh.....	..do....	4 09
21186	..do....	W. J. Wilson.....	..do....	3 77
21187	..do....	H. F. Ridgeley.....	..do....	3 97
21188	..do....	T. M. Ghere.....	..do....	5 74
21189	..do....	W. E. Womacks.....	..do....	2 67
21190	..do....	Ed Hepe.....	..do....	3 89
21191	..do....	E. M. Frankenburg.....	..do....	2 87
21192	..do....	W. E. Yount.....	..do....	7 48
21193	..do....	John Rueb.....	..do....	2 77
21194	..do....	M. Leigh.....	..do....	4 90
21195	..do....	G. W. Van Meter.....	..do....	4 76
21196	..do....	Nicholas Hahn.....	..do....	8 32
21197	..do....	C. E. Burk.....	..do....	2 67
21198	..do....	David Hahn.....	..do....	5 57
21199	..do....	C. Ross.....	..do....	3 74
21200	..do....	T. F. Jordan.....	..do....	8 50
21201	..do....	B. Jordan.....	..do....	5 57
21202	..do....	F. H. Busey.....	..do....	4 76
21203	..do....	C. A. Fogel.....	..do....	5 39
21204	..do....	L. P. Rayburn.....	..do....	6 44
21205	..do....	S. Herriott.....	..do....	1 65
21206	..do....	C. C. Rayburn.....	..do....	2 67
21207	..do....	I. W. Maxwell.....	..do....	3 31
21208	..do....	W. C. Welch.....	..do....	2 61
21209	..do....	I. H. Gordon.....	..do....	4 12
21210	..do....	C., C., C. & St. L. Ry. Co.....	Freight bills.....	3 62
21211	..do....	Laura B. Evans.....	Expenses.....	91 90
21212	June 12	American Short-Horn Breeders Assn.....	Recording pedigrees.....	18 25
21213	..do....	G. Anderson.....	Cutlery.....	33 25
21214	..do....	The Sanitary Dairy.....	Milk.....	57 46
21215	..do....	The J. B. Ford Co.....	Cleaner.....	25 00
21216	..do....	Champaign Ice Cream Co.....	Supplies.....	62 35
21217	..do....	Champaign Seed Co.....	..do....	62 65
21218	..do....	Flora Lumber Co.....	Lumber.....	3 55
21219	..do....	The Foley Mfg. Co.....	Glass.....	117 18
21220	..do....	F. C. Bauer.....	Expenses.....	8 78
21221	..do....	Flora M. Sims.....	..do....	12 89
21222	..do....	H. C. Gikerson.....	..do....	12 50
21223	..do....	J. H. Carter.....	..do....	112 00
21224	..do....	Henry Pfau.....	..do....	45 55
21225	..do....	C. H. Besly & Co.....	Brass balls.....	1 56
21226	..do....	Dust-All Mfg. Co.....	Sweeping compound.....	2 00
21227	..do....	Crosby Steam Gage & Valve Co.....	Repairing gages.....	4 25
21228	..do....	J. B. Bennett.....	Labor and material.....	3 15
21229	..do....	The Blake & Knowles Steam Pump Works.....	Supplies.....	2 28
21230	..do....	C. N. Clark & Co.....	Labor.....	2 00
21231	..do....	James B. Clow & Sons.....	Steel rod.....	3 70
21232	..do....	Central Scientific Co.....	Laboratory supplies.....	126 06
21233	..do....	Geo. C. Amsbary.....	Dry goods.....	1 25
21234	..do....	The University of Kansas.....	Report.....	16 50
21235	..do....	Director, U. S. Geological Survey.....	Folios.....	61 10
21236	..do....	P. S. Campbell.....	Printing.....	1 00
21237	..do....	Footo Mineral Co.....	Specimens.....	34 20
21238	..do....	The University Club.....	Entertaining.....	2 10
21239	..do....	The Chas. H. Elliott Co.....	Steel plate.....	166 88
21240	..do....	W. J. Boehm.....	Model.....	5 25
21241	..do....	Central Electric Co.....	Supplies.....	18 21
21242	..do....	W. P. Miller.....	Services.....	5 00
21243	..do....	J. V. Stevenson.....	Expenses.....	14 14
21244	..do....	Chicago Calcium Light Co.....	Cylinders and gas.....	51 25
21245	..do....	Dallenbach Bros.....	Meat.....	19 89
21246	..do....	C. A. Denman.....	Labor and material.....	3 75
21247	..do....	Dennison Mfg. Co.....	Supplies.....	2 09
21248	..do....	G. Cramer Dry Plate Co.....	..do....	6 47
21249	..do....	Geo. B. Carpenter & Co.....	Waste.....	6 83
21250	..do....	Electric Coal Co.....	Fuel.....	74 89
21251	..do....	Freeman & Brooks.....	Labor and material.....	20 50
21252	..do....	American Entomological Co.....	Cocoons.....	4 28
21253	..do....	The Ernon Camera Shop.....	Supplies.....	183 50
21254	..do....	Foster Bros.....	Pictures.....	44 65
21255	..do....	A. S. Clark.....	Book.....	1 06
21256	..do....	The S. J. Clarke Publishing Co.....	..do....	9 00
21257	..do....	Chivers Bookbinding Co.....	..do....	1 15
21258	..do....	A. & D. M. R. Assn.....	..do....	1 25
21259	..do....	The A. H. Clark Co.....	..do....	1 60
21260	..do....	The Boston Book Co.....	Books.....	3 15

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1913.				
21261	June 12	Bennett's Newspaper & Magazine Agency	Subscriptions.....	\$ 6 50
21262	..do..	Urbana Courier Co.	Subscription.....	3 00
21263	..do..	Baker & Co.	Laboratory supplies.....	356 47
21264	..do..	F. H. Colyer	Stamps and envelopes.....	1 80
21265	..do..	French Battery & Carbon Co.	Batteries.....	21 00
21266	..do..	Ralph Hilscher	Expenses.....	22 92
21267	..do..	D. Van Nostrand Co.	Pocket book.....	4 50
21268	..do..	The Beck Duplicator Co.	Films.....	13 50
21269	..do..	The Burr Co.	Hardware.....	39 29
21270	..do..	John H. Doyle	..do..	5 75
21271	..do..	Derrough & Co.	..do..	16 91
21272	..do..	Underwood Typewriter Co.	Supplies.....	96 41
21273	..do..	Vaughan's Seed Store	..do..	13 00
21274	..do..	Automatic Electric Co.	..do..	52 50
21275	..do..	J. W. Butler Paper Co.	..do..	28 48
21276	..do..	Eisner Grocery Co.	Groceries.....	20 77
21277	..do..	Burroughs Adding Machine Co.	Labor and material.....	2 50
21278	..do..	Flanigan-Pearson Co.	Printing.....	123 91
21279	..do..	Bacon Brothers	Paint, etc.....	25 16
21280	..do..	Champaign Steam Laundry	Washing.....	9 36
21281	..do..	Alumni Record	Copies.....	6 00
21282	..do..	The Alexander Lumber Co.	Lumber.....	24 75
21283	..do..	H. F. Chester	Service.....	26 75
21284	..do..	Cunningham Bros	Drug supplies.....	10 78
21285	..do..	The U. of I. Supply Store	Stationery, etc.....	119 72
21286	..do..	Phillips Academy	Collection of material.....	550 00
21287	June 13	Ellen M. Henrotin	Expenses.....	29 68
21288	..do..	Irving-Pitt Mfg. Co.	Binders.....	11 67
21289	..do..	O. E. Staples, Bursar	Students' payroll.....	521 95
21290	..do..	O. E. Staples, Bursar	..do..	292 23
21291	..do..	O. E. Staples, Bursar	Sundry bills paid.....	70 57
21292	..do..	W. W. Lindley, Postmaster	Postage.....	233 00
21293	..do..	Electric Coal Co.	Screenings.....	1,485 87
21294	..do..	Foley Mfg. Co., Contractors	Payment on contract.....	1,866 65
21295	..do..	English Brothers, Contractors	..do..	7,839 15
21296	..do..	G. M. Seeber	Dairy products furnished depart- ment of dairy husbandry.....	6 21
21297	..do..	Geo. Schiff	..do..	3 92
21298	..do..	Fred Rein	..do..	1 54
21299	..do..	C. Allen	..do..	5 86
21300	..do..	E. F. Lyon	..do..	1 31
21301	..do..	T. P. Lyon	..do..	3 92
21302	..do..	Ralph Smith	..do..	1 45
21303	..do..	John Godsell	..do..	3 71
21304	..do..	W. H. Frame	..do..	4 29
21305	..do..	H. I. Nelson	..do..	2 71
21306	..do..	Fred Thompson	..do..	3 60
21307	..do..	A. R. Grindley	..do..	4 74
21308	..do..	Len Rayburn	..do..	3 63
21309	..do..	G. W. Miller	..do..	4 81
21310	..do..	D. W. Shiveley	..do..	10 32
21311	..do..	W. E. Heyer	..do..	3 89
21312	..do..	Z. C. Keene	..do..	4 18
21313	..do..	T. F. Jordan	..do..	3 68
21314	..do..	C. Ross	..do..	1 94
21315	..do..	Frank Knox	..do..	4 41
21316	..do..	J. P. Yeazel	..do..	3 42
21317	..do..	J. E. Haney	..do..	3 31
21318	..do..	C. M. Reed	..do..	4 41
21319	..do..	C. J. Gillespie	..do..	6 50
21320	..do..	Wm. Van Buskirk	..do..	3 39
21321	..do..	Chas. Abbott	..do..	1 80
21322	..do..	G. O. McMorris	..do..	3 05
21323	..do..	B. F. Thomas, Jr.	..do..	3 97
21324	..do..	J. W. Willsey	..do..	5 31
21325	June 14	English Bros., Contractors	Payment on contract.....	5,238 97
21326	June 16	Mart Watterson	Dairy products furnished depart- ment of dairy husbandry.....	3 42
21327	..do..	J. W. Cavanaugh	..do..	2 06
21328	..do..	A. G. Guard	..do..	1 89
21329	..do..	W. H. Webb	..do..	2 09
21330	..do..	E. J. Percival	..do..	1 55
21331	..do..	Lou Creiger	..do..	3 13
21332	..do..	David Wilkin	..do..	3 92
21333	..do..	I. H. Besore	..do..	1 36
21334	..do..	E. Grove	..do..	3 48
21335	..do..	A. J. Putscher	..do..	1 20

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
21336	June 16	W. F. Hampton.....	Dairy products furnished department of dairy husbandry.....	\$ 1 44
21337	do.	G. F. Diefenbach.....	do.	2 25
21338	do.	L. F. Lindsey.....	do.	1 71
21339	do.	R. T. Lumsden.....	do.	1 85
21340	do.	J. F. Hoy.....	do.	1 23
21341	do.	O. W. Hampton.....	do.	2 10
21342	do.	R. A. Lumsden.....	do.	1 77
21343	do.	J. H. Schwengel.....	do.	4 09
21344	do.	H. C. Kaufman.....	do.	3 17
21345	do.	C. C. Gordon.....	do.	2 95
21346	do.	R. S. McInness.....	do.	1 89
21347	do.	O. A. McInness.....	do.	2 39
21348	do.	Geo. Taylor.....	do.	2 24
21349	do.	C. M. Pleister.....	do.	3 89
21350	do.	M. Hudson.....	do.	3 39
21351	do.	J. M. Stickrod.....	do.	3 09
21352	do.	F. H. Busey.....	do.	3 02
21353	do.	H. F. Ridgeley.....	do.	3 92
21354	do.	W. E. Womacks.....	do.	2 12
21355	do.	S. E. Lee.....	do.	5 37
21356	do.	James Fisher.....	do.	3 80
21357	do.	John Rueb.....	do.	2 06
21358	do.	Ed Huckins.....	do.	3 25
21359	do.	Van Carter.....	do.	5 25
21360	do.	T. M. Clayton.....	do.	3 48
21361	do.	J. A. R. Koch.....	do.	5 31
21362	do.	J. H. Rutan.....	do.	3 77
21363	do.	H. H. Krukewitt.....	do.	7 51
21364	do.	David Hahn.....	do.	5 34
21365	do.	James Freeman.....	do.	5 68
21366	do.	J. Cornett.....	do.	3 54
21367	do.	W. J. Wilson.....	do.	6 35
21368	do.	E. S. Hayes.....	do.	3 05
21369	do.	E. R. Canady.....	do.	5 10
21370	do.	Z. Alsip.....	do.	2 55
21371	do.	G. H. Spencer.....	do.	6 21
21372	do.	M. Leigh.....	do.	3 60
21373	do.	W. D. Rohl.....	do.	5 10
21374	do.	J. A. Curzon.....	do.	4 55
21375	do.	Geo. Herriott.....	do.	8 82
21376	do.	C. A. Fogel.....	do.	3 51
21377	do.	F. C. Stevenson.....	do.	3 98
21378	do.	T. M. Guym.....	do.	4 96
21379	do.	W. W. Herriott.....	do.	5 13
21380	do.	W. L. Davis.....	do.	4 94
21381	do.	A. G. Krukewitt.....	do.	3 65
21382	do.	C. M. Van Meter.....	do.	3 40
21383	do.	G. W. Van Meter.....	do.	4 65
21384	do.	A. J. Wright.....	do.	1 94
21385	do.	E. J. Miller.....	do.	2 78
21386	do.	J. D. Perham.....	do.	3 28
21387	do.	J. M. Herriott.....	do.	2 49
21388	do.	O. F. Gulick.....	do.	2 81
21389	do.	E. W. Morrison.....	do.	2 49
21390	do.	A. W. McJilton.....	do.	3 65
21391	do.	T. A. McCracken.....	do.	3 48
21392	do.	I. H. Gordon.....	do.	4 18
21393	do.	W. C. Welch.....	do.	1 91
21394	do.	I. W. Maxwell.....	do.	2 96
21395	do.	The Kansas City Impregnator Co.....	Supplies.....	6 50
21396	do.	R. C. Wagner & Son.....	Coal.....	7 16
21397	do.	White Poultry Farm.....	Chicks and eggs.....	18 82
21398	do.	Twin City Feed Mill & Coal Yard.....	Grinding.....	3 98
21399	do.	F. M. Simpson.....	Vegetables.....	4 00
21400	do.	J. W. Groves, Secretary.....	Fee.....	1 25
21401	do.	E. G. Mendenhall.....	Harrow.....	22 50
21402	do.	Monahan Antiseptic Co.....	Soap.....	7 80
21403	do.	Library Bureau.....	Cards.....	4 50
21404	do.	Meyer Bros.....	Dry goods.....	4 88
21405	do.	Monarch Electric & Wire Co.....	Insulators.....	4 15
21406	do.	Alfred Bergen.....	Expenses.....	23 12
21407	do.	J. W. Smith.....	do.	66 70
21408	do.	C. C. Logan.....	do.	68 79
21409	do.	J. E. Whitechurch.....	do.	60 15
21410	do.	H. W. Stewart.....	do.	24 87
21411	do.	F. W. Garrett.....	do.	58 71
21412	do.	A. F. Gustafson.....	do.	44 83
21413	do.	F. A. Fisher.....	do.	62 85

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
21414	June 16	R. W. Dickenson	Expenses	\$ 34 60
21415	do	H. C. Wheeler	do	87 08
21416	do	F. W. Wascher	do	33 59
21417	do	O. S. Watkins	do	34 70
21418	do	Merrell-Soule Co.	Milk powder	3 00
21419	do	Pyrene Co.	Extinguisher	7 00
21420	do	Good Manufacturing Co.	Metal supplies	12 15
21421	do	Western Electric Co.	Paste and solder	11 10
21422	do	The Storrs & Harrison Co.	Plants	8 50
21423	do	Twin City Roofing & Sheet Metal Works	Labor and supplies	12 02
21424	do	Twin City Electric Co.	Awnings	8 95
21425	do	Peoria Tent & Awning Co.	Mail sacks	6 00
21426	do	The Hancock Inspirator Co.	Discs for valve	2 00
21427	do	Geo. B. Carpenter & Co.	Cotton waste	22 28
21428	do	The Garlock Packing Co.	Packing	4 73
21429	do	J. B. Clow & Sons	Hydrant	12 60
21430	do	Weston Electrical Instrument Co.	Repairing	5 75
21431	do	Hoskins Manufacturing Co.	Supplies for furnace	7 19
21432	do	F. M. Leslie	Pictures and frames	44 00
21433	do	Western Carbon & Ribbon Co.	Paper	12 00
21434	do	The Hart & Hutchinson Co.	Lockers	56 43
21435	do	Ward's Natural Science Establishment	Specimens	55 27
21436	do	W. J. Gerhard	Books	21 75
21437	do	The A. E. Price Co.	Labor	5 00
21438	do	R. A. Richards Co.	Typewriter supplies	20 70
21439	do	A. G. Spalding & Bro.	Tennis nets	9 00
21440	do	J. B. Lippincott Co.	Book	5 50
21441	do	Supply Department of Marine Biological Laboratory	Dogfish heads	6 55
21442	do	E. M. Moll	Cells and gasoline	5 00
21443	do	Illinois Press Clipping Bureau	Service	10 00
21444	do	The Hektograph Mfg. & Dup. Co.	Duplicators refilled	14 00
21445	do	G. P. Putnam's Sons	Subscription	8 00
21446	do	Graves & Wilson	Implements	29 10
21447	do	International Harvester Co.	Repairs	1 27
21448	do	W. O. Wilson	Livery service	24 00
21449	do	H. C. White Co.	Print and slides	4 60
21450	do	W. Heffer & Sons	Books	10 95
21451	do	Metzler & Schafer Co.	Groceries	124 37
21452	do	Hunter, Bourke & Co.	Cement	1 08
21453	do	Herrick & Stoltey	Livery service	16 00
21454	do	A. L. Hardy	Photo prints	6 00
21455	do	Frederich Rausch	Books	38 65
21456	do	Pantagraph Printing & Stationery Co.	Errata sheets	12 50
21457	do	Illinois Motor Car Sales Co.	Livery service	1 00
21458	do	B. L. Bowling	Car fare and repairs	3 15
21459	do	Wm. Gaertner & Co.	Laboratory apparatus	18 46
21460	do	Western Valve Co.	Valves	47 53
21461	do	W. T. Norton	Book	3 00
21462	do	E. S. Clayton, Publisher	do	5 00
21463	do	Deutsche Zentrale fur Jugendfursorge	do	1 10
21464	do	Pickering & Chatto	do	2 26
21465	do	C. Klincksieck	do	6 45
21466	do	Karl W. Hiersemann	do	5 40
21467	do	Munsell Publishing Co.	Books	45 00
21468	do	Ludwig Rosenthal	do	1 96
21469	do	Ch. Chadenat	do	27 13
21470	do	Dultz & Co.	do	11 25
21471	do	R. Friedlander & Sohn	do	50 45
21472	do	O. Staudinger & A. Bang-Haas	do	11 67
21473	do	The Kny-Scheerer Co.	Specimens	10 13
21474	do	Joseph Baer & Co.	Books	2 52
21475	do	Ernst Legler	do	4 59
21476	do	J. Terquem & Cie	do	95 00
21477	do	Alfred Bull	do	2 38
21478	do	Max Weg	do	6 86
21479	do	Francis Edwards	do	2 80
21480	do	A. Hermann & Fils	do	1 30
21481	do	Illinois Printing Co.	Bulletins	119 00
21482	do	The W. S. Tyler Co.	Brass sieves	31 42
21483	do	Hibbard, Spencer, Bartlett & Co.	Water coolers	19 50
21484	do	Grace V. Swan	Expenses	7 00
21485	do	George Strode	Awnings	11 40
21486	do	The Thompson & Norris Co.	Book wraps	6 52
21487	do	Stipes & Plicher	Labor and material	77 79
21488	do	Ulrico Hoepli	Freight	1 96
21489	do	L. A. Hunter	Expenses	10 74
21490	do	Galesburg Buggy Co.	Implements	150 25
21491	do	W. W. & E. D. Hanes Meat Market	Meat	2 85

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
21492	June 16	Kewaunee Mfg. Co.	Weighing stool.	\$ 2 25
21493	do.	The Western Gas Fixture Co.	Electrical supplies.	107 00
21494	do.	W. W. Walls & Co.	Lumber.	94 30
21495	do.	S. E. Huff & Co.	do.	38 95
21496	do.	W. Lewis & Co.	Dry goods.	2 67
21497	do.	G. C. Willis.	do.	5 96
21498	do.	Western Roofing & Supply Co.	Supplies.	25 10
21499	do.	C. A. Hall Hardware Co.	do.	28 80
21500	do.	Reliable Plumbing & Heating Co.	do.	55 55
21501	do.	The Taylor Hardware Co.	do.	14 45
21502	do.	A. C. McClurg & Co.	Books.	70 88
21503	do.	G. E. Stechert & Co.	do.	301 09
21504	do.	John Davis.	do.	5 12
21505	do.	Otto Harrassowitz.	do.	37 77
21506	do.	Spalding & Quirk.	Drugs.	6 81
21507	do.	J. C. Thomas.	Hardware.	27 51
21508	do.	Mittendorf & Kiler.	Furniture.	115 75
21509	do.	B. F. Stevenson & Son.	Groceries.	5 10
21510	do.	General Electric Co.	Supplies and labor.	207 93
21511	do.	C. E. Prentice.	Rack and dippers.	3 50
21512	do.	Electric Coal Co.	Fuel.	140 77
21513	do.	L. C. Smith Bros. Typewriter Co.	Rental.	12 50
21514	do.	A. O. Magnuson.	Blue prints, slides, etc.	38 85
21515	do.	G. W. Sheldon & Co.	Fees and charges.	22 15
21516	do.	Twin City Printing Co.	Printing.	19 50
21517	do.	Twin City Ice & Cold Storage Co.	Ice.	27 00
21518	do.	F. W. Woolworth & Co.	Tumblers.	1 25
21519	do.	Ernst Hertzberg & Sons.	Book binding.	97 26
21520	do.	D. H. Lloyd.	Office supplies.	161 34
21521	do.	The Frederick Post Co.	Drawing supplies.	22 69
21522	do.	National Engraving Co.	Etching and half tones.	19 50
21523	do.	O'Byrne Transfer & Storage Co.	Service.	1 76
21524	do.	E. J. Lake.	Services.	158 65
21525	do.	F. M. Porter.	do.	177 25
21526	June 17	Geo. Schiff.	Dairy products furnished department of dairy husbandry.	4 61
21527	do.	Ralph Smith.	do.	3 16
21528	do.	P. P. Dunn.	do.	3 07
21529	do.	J. Englehart.	do.	3 28
21530	do.	W. Wascher.	do.	3 07
21531	do.	G. M. Seeber.	do.	4 21
21532	do.	Lou Davis.	do.	2 87
21533	do.	J. M. Stickrod.	do.	5 90
21534	do.	W. H. Frame.	do.	4 06
21535	do.	Grant Freeman.	do.	3 48
21536	do.	D. W. Shiveley.	do.	5 86
21537	do.	W. A. Coonce.	do.	2 55
21538	do.	Z. C. Keene.	do.	4 23
21539	do.	Len Rayburn.	do.	4 70
21540	do.	Wm. Brown.	do.	3 36
21541	do.	Chas. Sadler.	do.	3 92
21542	do.	T. A. McCracken.	do.	3 57
21543	do.	C. M. Reed.	do.	3 68
21544	do.	A. Kroner.	do.	4 79
21545	do.	Frank Knox.	do.	4 35
21546	do.	B. F. Thomas, Jr.	do.	3 45
21547	do.	C. J. Gillespie.	do.	8 03
21548	do.	H. J. Moorehouse.	do.	3 36
21549	do.	C. Pittman.	do.	2 78
21550	do.	M. Cherry.	do.	3 80
21551	do.	Frank Sheffer.	do.	5 49
21552	do.	G. C. Cochran.	do.	5 02
21553	do.	S. T. Carter.	do.	4 12
21554	do.	S. Kaufman & Co.	do.	3 98
21555	do.	O. A. Foster.	do.	3 05
21556	do.	J. F. Hubbard.	do.	1 55
21557	do.	Andrew Shields.	do.	5 78
21558	do.	T. F. Jordan.	do.	5 68
21559	do.	J. E. Haney.	do.	4 25
21560	do.	E. Jordan.	do.	4 15
21561	do.	C. Ross.	do.	3 86
21562	do.	L. F. Bialeschski.	do.	3 22
21563	do.	E. P. Ott.	do.	3 57
21564	do.	C. E. Burk.	do.	2 18
21565	do.	G. C. Gordon.	do.	9 68
21566	do.	Cora Stacker.	do.	6 04
21567	do.	R. W. Graham.	do.	2 88
21568	do.	J. M. Smith.	do.	22 45
21569	do.	John McCullough.	do.	7 71

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
21570	June 17	S. Atchinson.....	Dairy products furnished department of dairy husbandry.....	\$ 6 27
21571	do.	Illinois Central R. R. Co.....	Freight bills.....	6 51
21572	do.	C., C. & St. L. Ry. Co.....	do.....	15 52
21573	do.	Eisner Grocery Co.....	Supplies.....	35 27
21574	do.	E. L. Lawson.....	Expenses.....	32 24
21575	do.	Geo. I. Alden.....	Machinery.....	1,882 20
21576	June 18	Arithstyle Co.....	Charges.....	1 00
21577	do.	O. E. Staples, Bursar.....	Express paid.....	52 80
21578	do.	W. W. Lindley, Postmaster.....	Advance postage.....	50 00
21579	June 19	J. D. Perham.....	Dairy products furnished department of dairy husbandry.....	3 74
21580	do.	E. R. Canady.....	do.....	4 79
21581	do.	R. H. Brewer.....	do.....	2 32
21582	do.	Wm. Case.....	do.....	4 76
21583	do.	Zillah Whitehead.....	do.....	2 52
21584	do.	Ed. Heppe.....	do.....	4 00
21585	do.	W. J. Wilson.....	do.....	3 60
21586	do.	J. F. Hubbard.....	do.....	2 08
21587	do.	Wm. Herriott.....	do.....	3 36
21588	do.	Geo. Herriott.....	do.....	6 79
21589	do.	C. A. Fogel.....	do.....	3 28
21590	do.	J. A. R. Koch.....	do.....	4 84
21591	do.	Pearl Hazen.....	do.....	4 23
21592	do.	Z. C. Keene.....	do.....	3 97
21593	do.	J. H. Umbanhowar.....	do.....	4 52
21594	do.	W. E. Yount.....	do.....	8 58
21595	do.	D. B. White.....	do.....	3 80
21596	do.	C. C. Rayburn.....	do.....	2 23
21597	do.	L. P. Rayburn.....	do.....	5 48
21598	do.	F. H. Busey.....	do.....	4 87
21599	do.	S. Herriott.....	do.....	1 54
21600	do.	W. E. Satterfield.....	do.....	4 90
21601	do.	H. F. Ridgeley.....	do.....	4 93
21602	do.	T. M. Guym.....	do.....	4 50
21603	do.	J. B. Marsh.....	do.....	3 71
21604	do.	S. Kaufman & Co.....	do.....	3 93
21605	do.	P. J. Wagner.....	do.....	6 79
21606	do.	Fred Krukewitt.....	do.....	5 42
21607	do.	John Rueb.....	do.....	3 19
21608	do.	M. Leigh.....	do.....	4 18
21609	do.	T. M. Ghere.....	do.....	6 96
21610	do.	F. H. Richardson.....	do.....	5 02
21611	do.	Lou Creiger.....	do.....	3 86
21612	do.	A. J. Putscher.....	do.....	2 48
21613	do.	W. F. Hampton.....	do.....	1 42
21614	do.	E. Grove.....	do.....	3 19
21615	do.	L. F. Lindsey.....	do.....	1 03
21616	do.	G. F. Diefenbach.....	do.....	2 70
21617	do.	J. E. Henderson.....	do.....	4 21
21618	do.	S. Guinn.....	do.....	4 02
21619	do.	Ralph Smith.....	do.....	1 97
21620	do.	J. W. Cavanaugh.....	do.....	3 16
21621	do.	H. C. Kaufman.....	do.....	4 18
21622	do.	C. C. Gordon.....	do.....	3 34
21623	do.	J. H. Schwengel.....	do.....	4 12
21624	do.	J. F. Hoy.....	do.....	2 19
21625	do.	O. A. McInness.....	do.....	1 66
21626	do.	R. S. McInness.....	do.....	2 91
21627	do.	I. H. Besore.....	do.....	2 77
21628	do.	W. H. Webb.....	do.....	2 67
21629	do.	M. Hudson.....	do.....	3 36
21630	do.	David Wilkins.....	do.....	3 02
21631	do.	E. J. Percival.....	do.....	2 47
21632	do.	I. H. Gordon.....	do.....	4 18
21633	do.	I. W. Maxwell.....	do.....	3 05
21634	do.	C. J. Von Holten.....	do.....	3 68
21635	do.	J. W. Willsey.....	do.....	5 92
21636	do.	C. M. Van Meter.....	do.....	3 60
21637	do.	G. W. Van Meter.....	do.....	4 65
21638	do.	H. Cherry.....	do.....	4 47
21639	do.	Nicholas Hahn.....	do.....	8 03
21640	do.	Hardin Green.....	do.....	4 36
21641	do.	Andrew Shields.....	do.....	5 98
21642	do.	Chas. Wilson.....	do.....	4 29
21643	do.	Burley & Co.....	Chinaaware.....	5 76
21644	do.	Burroughs Adding Machine Co.....	Services.....	2 50
21645	do.	Frison Carriage Shop.....	Hardware.....	3 50
21646	do.	Korten Bros. Co.....	Coffee.....	15 84

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
21647	June 19	International Harvester Co.	Sparker	\$ 12 50
21648	..do.	Chas. E. Mueller & Co.	Ice book	15 00
21649	..do.	Twin City Creamery Co.	Butter	40 20
21650	..do.	Twentieth Century Press	Service	2 50
21651	..do.	A. S. Nelson & Sons	Gasoline	1 95
21652	..do.	Geo. Strode	awnings	7 60
21653	..do.	W. R. Bradley & Co.	Ice cream	20 30
21654	..do.	R. C. Lawrie	Chicken	5 00
21655	..do.	F. C. Hubbard	Alfalfa	53 38
21656	..do.	The Chicago Packing House Market	Meat	225 91
21657	..do.	Albert Pick & Co.	Supplies	17 60
21658	..do.	National Biscuit Co.	do.	1 50
21659	..do.	H. Loeb	Sacks	1 75
21660	..do.	Tuttle & Clark	Soap	1 72
21661	..do.	J. Bowman	Hardware	14 10
21662	..do.	H. A. Aldrich & Co.	Lumber	15 30
21663	..do.	John Reichard	Corn	263 79
21664	..do.	N. W. Hepburn	Expenses	27 51
21665	..do.	Edward Kraft	Copper sulphate	5 10
21666	..do.	E. A. Eichorst	Labor and supplies	7 90
21667	..do.	E. A. Fitch	Copy of records	15 00
21668	..do.	Dryer & Burt	Grain	173 10
21669	..do.	Technical Publishing Co.	Advertising	10 80
21670	..do.	"Power"	do.	15 90
21671	..do.	Western Kieley Steam Specialty Co.	Pump governor	18 00
21672	..do.	The Danville Water Co.	Calcium hypochlorite	1 00
21673	..do.	Corbin Cabinet Lock Co.	Keys	3 70
21674	..do.	General Chemical Co.	Supplies	12 64
21675	..do.	H. McGlade	Repairs	3 00
21676	..do.	Exide Battery Depots	Connectors	2 30
21677	..do.	Howard & Morse	Sieve	4 20
21678	..do.	S. C. Tucker	Rubber gloves	1 25
21679	..do.	Gustav Stickley	Supplies	7 00
21680	..do.	G. A. Goodenough	Expenses	23 61
21681	..do.	H. J. McFarland Co.	Slides	104 25
21682	..do.	A. N. Marquis & Co.	Book	5 00
21683	..do.	Bennett's Newspaper & Magazine Agency	Subscription	9 00
21684	..do.	R. K. Hursh	Expenses	17 79
21685	..do.	Art Metal Construction Co.	Wall stack	54 15
21686	..do.	Osgood Co.	Zincs and halftones	16 26
21687	..do.	Electric Coal Co.	Fuel	109 91
21688	..do.	Wm. Gaertner & Co.	Tuning fork	1 30
21689	..do.	H. Mueller Mfg. Co.	Reamer	4 88
21690	..do.	Westinghouse Electric & Mfg. Co.	Labor amd material	8 00
21691	..do.	Eugene Dietzgen Co.	Plantmeters	49 50
21692	..do.	Crane Co.	Hardware	12 36
21693	..do.	Pittsburg Meter Co.	Supplies	30 28
21694	..do.	Bogart Gas Power Engineering Co.	Packing rings	12 00
21695	..do.	J. Terquem & Cie	Books	30 97
21696	..do.	The Classical Assn. of the Atlantic States	Subscription	1 00
21697	..do.	The Cadmus Book Shop	Book	2 40
21698	..do.	Ernst Hertzberg & Sons	Bookbinding	229 25
21699	..do.	Ernst Hertzberg & Sons	do.	76 09
21700	..do.	Lewis Electric Supply Co.	Electric supplies	1 90
21701	..do.	Bellows Brothers	Bull	840 00
21702	..do.	C. W. Johnson	Labor and material	2 10
21703	..do.	Morgan's Rug Mfg. Co.	Labor	1 35
21704	..do.	Champaign Gas & Electric Supply Co.	Electric supplies	40 40
21705	..do.	The Urbana Courier Co.	Bulletins	87 75
21706	..do.	Peck & Hills Furniture Co.	Furniture	14 75
21707	..do.	G. W. Beardsley	Expenses	10 17
21708	..do.	M. R. Carlson	do.	16 50
21709	..do.	Garfield Jones	do.	6 35
21710	..do.	W. E. Braden	Clover seed	120 00
21711	..do.	Paul Hansen	Expenses	28 02
21712	..do.	J. G. Biddle	Water tester	118 51
21713	..do.	Watson Mfg. Co., Contractors	Screens	615 00
21714	..do.	The Inner-Brace Chair Co.	Chairs	285 77
21715	..do.	Louis F. Nafis	Butter bottles	3 00
21716	..do.	Earthman Lumber Co.	Posts	253 57
21717	..do.	Schermerhorn Bros. Co.	Maps	36 00
21718	..do.	The Central Rubber & Supply Co.	Belt	9 10
21719	..do.	The Taylor Hardware Co.	Sash cord	2 80
21720	..do.	School Science & Mathematics	Reprints	2 25
21721	..do.	J. L. Rich	Expenses	1 75
21722	..do.	Florence E. Watson	do.	52 77
21723	..do.	Harvard College Library	Cards	21 44
21724	..do.	Democrat Printing Co.	Book list	4 00
21725	..do.	F. D. Lambert	Laboratory supplies	17 80

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1913.				
21726	June 19	The Toledo Metal Furniture Co.....	Cabinet	\$ 15 00
21727	..do..	Irving-Pitt Mfg. Co.....	Office supplies	24 42
21728	..do..	National Engraving Co.....	Zincs and halftones	86 90
21729	..do..	E. H. Sargent & Co.....	Laboratory supplies	50 67
21730	..do..	Flanigan-Pearson Co.....	Printing	500 23
21731	..do..	The Miller Harness Co.....	Repairs and polish	1 15
21732	..do..	Twin City Ice & Cold Storage Co.....	Ice	16 00
21733	..do..	A. C. McClurg & Co.....	Books	31 85
21734	..do..	W. W. Walls & Co.....	Lumber	3 67
21735	..do..	Louis Ely & Co.....	Repairing	17 50
21736	..do..	Cunningham Bros.....	Drug supplies	8 92
21737	..do..	Champaign Steam Laundry	Washing	20 22
21738	..do..	H. F. Chester	Labor and service	42 00
21739	..do..	D. H. Lloyd	Stationery, etc.	20 56
21740	..do..	H. A. Harding	Expenses	18 28
21741	..do..	W. J. Smith	Supplies and apparatus	18 00
21742	..do..	Geo. B. Carpenter & Co.....	Chain hoist	11 25
21743	..do..	The Burr Co.....	Hardware	327 60
21744	..do..	Hibbard, Spencer, Bartlett & Co.....	..do..	21 91
21745	..do..	Percival & Moorehead	..do..	10 95
21746	..do..	F. K. Robeson	Dry goods	75 94
21747	..do..	W. Lewis & Co.....	..do..	11 66
21748	..do..	Central Electric Co.....	Supplies	45 37
21749	..do..	General Electric Co.....	..do..	52 17
21750	..do..	J. W. Butler Paper Co.....	..do..	11 28
21751	..do..	Louden Machinery Co.....	..do..	268 91
21752	June 20	Geo. Schiff	Dairy products furnished depart-	
			ment of dairy husbandry.....	3 65
21753	..do..	C. Allen	..do..	5 92
21754	..do..	J. Godsell	..do..	3 45
21755	..do..	A. R. Grindley	..do..	3 08
21756	..do..	Ralph Smith	..do..	1 83
21757	..do..	H. I. Nelson	..do..	2 27
21758	..do..	Fred Thompson	..do..	3 65
21759	..do..	T. P. Lyons	..do..	3 99
21760	..do..	G. Taylor	..do..	1 24
21761	..do..	C. W. Pfeister	..do..	8 70
21762	..do..	G. W. Miller	..do..	4 47
21763	..do..	D. W. Shiveley	..do..	5 57
21764	..do..	C. M. Reed	..do..	3 89
21765	..do..	B. F. Thomas, Jr	..do..	3 34
21766	..do..	C. J. Gillespie	..do..	3 77
21767	..do..	Chas. Abbott	..do..	1 83
21768	..do..	J. D. Tiltman	..do..	1 60
21769	..do..	F. C. Stevenson	..do..	3 60
21770	..do..	W. E. Heyer	..do..	3 65
21771	..do..	Len Rayburn	..do..	33 92
21772	..do..	C. E. Smoot	..do..	3 71
21773	..do..	C. Ross	..do..	3 02
21774	..do..	J. A. Daeger	..do..	4 88
21775	..do..	E. J. Miller	..do..	3 63
21776	..do..	B. Jordan	..do..	2 26
21777	..do..	T. F. Jordan	..do..	5 54
21778	..do..	Postal Telegraph Cable Co., Champaign	Service	4 25
21779	..do..	Western Union Telegraph Co., Cham-	..do..	
		paign	..do..	45 77
21780	..do..	Western Union Telegraph Co., Urbana	..do..	29 95
21781	..do..	Western Union Telegraph Co., Cham-	..do..	
		paign	..do..	16 58
21782	..do..	Wilson Eyre & McIlvaine	Express	3 65
21783	..do..	E. A. Eichorst	Harness and repairs	8 50
21784	..do..	The Creamery Package Mfg. Co.	Supplies and repairs	4 66
21785	..do..	Morrill & Morley Mfg. Co.	Strainer	1 05
21786	..do..	W. O. Wilson	Livery service	35 75
21787	..do..	Orr Allyn	Expenses	14 46
21788	..do..	H. W. Stewart	..do..	30 45
21789	..do..	R. W. Dickenson	..do..	27 05
21790	..do..	W. M. Powell	..do..	29 02
21791	..do..	C. W. Crabtree	..do..	66 85
21792	..do..	A. F. Gustafson	..do..	43 78
21793	..do..	W. C. Coffey	..do..	3 88
21794	..do..	W. M. Taylor	Expenses and supplies	9 07
21795	..do..	Clifford Peterson	Tools	14 55
21796	..do..	Buffalo Meter Co.	Disc	5 26
21797	..do..	Bryan-Marsh Electric Works	Light bulbs	63 90
21798	..do..	W. R. Bradley & Co.	Frappe	22 50
21799	..do..	P. Blakiston's Son & Co.	Apparatus	4 82
21800	..do..	B. S. Pickett	Freight	33 13
21801	..do..	N. H. Shields, Contractor	Payment on contract	3,558 95



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
21802	June 20	Sears, Roebuck & Co.	Hose.	\$ 31 85
21803	do.	C. H. Farthing.	Service.	50 00
21804	do.	G. W. Sheldon & Co.	Fees and charges.	24 70
21805	do.	The Boston Book Co.	Books.	19 08
21806	do.	Shea, Smith & Co.	Post scale.	3 43
21807	do.	Illinois Magazine.	Copies.	70 00
21808	do.	T. J. Burrill.	Allowance.	250 00
21809	do.	Standard Oil Co.	Oil.	16 45
21810	do.	B. A. Strauch.	Photo supplies.	3 80
21811	do.	Stipes & Hecker.	Building material.	62 90
21812	do.	B. F. Stevenson & Son.	Groceries.	12 98
21813	do.	T. H. Craig.	Medals.	21 52
21814	do.	Percival & Moorehead.	Hardware.	15 40
21815	do.	The Burr Co.	do.	30 08
21816	do.	Central Electric Co.	Supplies.	39 93
21817	do.	G. E. Stechert & Co.	Books.	53 91
21818	do.	The Western Gas Fixture Co.	Supplies.	89 30
21819	do.	R. C. Wagner & Son.	Hauling.	290 25
21820	do.	H. P. Rusk.	Expenses.	71 49
21821	do.	Illinois Central R. R. Co., Champaign.	Freight.	41 52
21822	do.	C. C. & St. L. Ry. Co., Urbana.	do.	29 13
21823	June 23	C. C. Gordon.	Dairy products furnished department of dairy husbandry.	2 69
21824	do.	R. S. McInness.	do.	2 46
21825	do.	Mart Watterson.	do.	4 18
21826	do.	H. C. Kaufman.	do.	2 69
21827	do.	David Wilkin.	do.	2 00
21828	do.	M. Hudson.	do.	3 20
21829	do.	J. F. Hoy.	do.	1 14
21830	do.	E. Grove.	do.	3 13
21831	do.	Lou Creiger.	do.	2 64
21832	do.	R. A. Lumsden.	do.	1 73
21833	do.	A. J. Putscher.	do.	1 35
21834	do.	J. E. Henderson.	do.	1 26
21835	do.	W. F. Hampton.	do.	1 30
21836	do.	O. W. Hampton.	do.	1 82
21837	do.	W. H. Webb.	do.	1 08
21838	do.	J. M. Stickrod.	do.	7 52
21839	do.	J. H. Schwengel.	do.	3 54
21840	do.	I. H. Besore.	do.	1 27
21841	do.	W. A. Ashworth.	do.	4 00
21842	do.	G. C. Cochran.	do.	4 30
21843	do.	J. J. Cender.	do.	5 46
21844	do.	G. W. Van Meter.	do.	4 15
21845	do.	J. A. R. Koch.	do.	4 21
21846	do.	T. M. Guym.	do.	5 05
21847	do.	E. P. Ott.	do.	2 67
21848	do.	Wm. Van Buskirk.	do.	3 45
21849	do.	Chas. Wilson.	do.	3 22
21850	do.	David Hahn.	do.	5 28
21851	do.	J. D. Perham.	do.	3 16
21852	do.	Van Carter.	do.	3 97
21853	do.	W. D. Rohl.	do.	5 83
21854	do.	J. H. Umbanhowar.	do.	4 58
21855	do.	H. H. Krukewitt.	do.	6 67
21856	do.	Ed. Huckins.	do.	2 18
21857	do.	M. Leigh.	do.	3 25
21858	do.	J. H. Rutan.	do.	3 68
21859	do.	T. M. Clayton.	do.	3 48
21860	do.	John Rueb.	do.	2 41
21861	do.	E. R. Canady.	do.	4 09
21862	do.	F. W. Howell.	do.	2 64
21863	do.	T. M. Ghere.	do.	3 25
21864	do.	Z. C. Keene.	do.	3 65
21865	do.	Frank Knox.	do.	4 99
21866	do.	Geo. Herriott.	do.	5 66
21867	do.	Pearl Hazen.	do.	3 51
21868	do.	O. F. Gulick.	do.	2 23
21869	do.	Wm. Herriott.	do.	4 06
21870	do.	Jas. Freeman.	do.	4 99
21871	do.	W. J. Wilson.	do.	4 32
21872	do.	I. T. Webb.	do.	4 75
21873	do.	F. H. Busey.	do.	3 74
21874	do.	W. L. Davis.	do.	5 23
21875	do.	J. M. Herriott.	do.	2 26
21876	do.	C. A. Fogel.	do.	3 48
21877	do.	I. H. Gordon.	do.	2 81
21878	do.	J. W. Willsey.	do.	5 08
21879	do.	I. W. Maxwell.	do.	3 31

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
21880	June 23	W. C. Welsh.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 1 83
21881	..do....	G. F. Diefenbach.....	..do.....	1 93
21882	..do....	W. H. Frame.....	..do.....	2 78
21883	..do....	Central Union Telephone Co.....	Service.....	24 05
21884	..do....	Western Union Telegraph Co., Cham- paign.....	..do.....	2 96
21885	..do....	The Wabash R. R., Urbana.....	Freight.....	24 88
21886	..do....	C. C., C. & St. L. Ry. Co., Urbana.....	..do.....	7 43
21887	..do....	O. E. Staples, Bursar.....	General labor payroll.....	368 72
21888	..do....	O. E. Staples, Bursar.....	Students' payroll.....	512 95
21889	..do....	O. E. Staples, Bursar.....	Express paid.....	36 95
21890	..do....	O. E. Staples, Bursar.....	Sundry bills paid.....	147 23
21891	June 24	M. H. Robinson.....	Expenses.....	13 19
21892	..do....	Kunsthalte Munchen.....	Pictures.....	21 32
21893	..do....	The Julia F. Burnham Hospital.....	Room and board.....	218 00
21894	..do....	G. E. Frazer.....	Expenses.....	28 39
21895	..do....	The Kny-Scheerer Co.....	Charts.....	28 50
21896	..do....	C. R. Richards.....	Expenses.....	101 68
21897	..do....	W. Heffer & Sons.....	Books.....	26 34
21898	..do....	Paul Gottschalk.....	..do.....	69 40
21899	..do....	The Huguenot Society of London.....	Membership.....	5 25
21900	..do....	A. H. Mayhew.....	Book.....	2 45
21901	..do....	Pickering & Chatto.....	..do.....	1 87
21902	..do....	Joseph Baer & Co.....	..do.....	4 95
21903	..do....	S. O. Andros.....	Expenses.....	34 01
21904	..do....	C. W. Pfeister.....	Dairy products furnished depart- ment of dairy husbandry.....	7 71
21905	..do....	J. W. Cavanaugh.....	..do.....	3 39
21906	..do....	S. Guinn.....	..do.....	3 19
21907	..do....	A. G. Guard.....	..do.....	2 64
21908	..do....	H. Wascher.....	..do.....	4 75
21909	..do....	J. E. Hendrson.....	..do.....	1 59
21910	..do....	J. M. Stickrod.....	..do.....	5 91
21911	..do....	Ralph Smith.....	..do.....	2 35
21912	..do....	Geo. Schiff.....	..do.....	4 87
21913	..do....	Fred Rein.....	..do.....	1 25
21914	..do....	A. Kroner.....	..do.....	4 84
21915	..do....	Wm. Brown.....	..do.....	3 92
21916	..do....	W. E. Heyer.....	..do.....	2 21
21917	..do....	John Cornett.....	..do.....	3 19
21918	..do....	T. A. McCracken.....	..do.....	3 77
21919	..do....	C. M. Reed.....	..do.....	3 77
21920	..do....	C. E. Burk.....	..do.....	2 06
21921	..do....	Chas. Sadler.....	..do.....	2 96
21922	..do....	S. T. Carter.....	..do.....	4 03
21923	..do....	Andrew Shields.....	..do.....	5 60
21924	..do....	M. Cherry.....	..do.....	3 80
21925	..do....	C. J. Gillespie.....	..do.....	7 55
21926	..do....	Len Rayburn.....	..do.....	4 64
21927	..do....	B. F. Thomas, Jr.....	..do.....	3 63
21928	..do....	B. Jordan.....	..do.....	2 35
21929	..do....	T. F. Jordan.....	..do.....	6 61
21930	..do....	C. Ross.....	..do.....	3 63
21931	..do....	I. W. Maxwell.....	..do.....	1 68
21932	..do....	W. J. Hobeson.....	..do.....	2 49
21933	..do....	C. C., C. & St. L. Ry. Co., Urbana.....	Freight.....	29 40
21934	June 25	The Coast Products Co.....	Canned goods.....	24 87
21935	..do....	H. F. Chester.....	Service.....	60 71
21936	..do....	Albert Pick & Co.....	Supplies.....	29 14
21937	..do....	Purdue University, Dept. of Ag. Ex.....	Circulars.....	2 00
21938	..do....	Detroit Flower Pot.....	Supplies.....	122 62
21939	..do....	Flat Iron Store Co.....	Dry goods.....	6 70
21940	..do....	Carroll Badger.....	Expenses and wages.....	44 33
21941	..do....	The Alamo Mfg. Co.....	Pulley and crank.....	1 30
21942	..do....	Boggs & Roney.....	Garden seed.....	6 30
21943	..do....	J. H. Kelley, Editor.....	Labor.....	500 00
21944	..do....	The Chicago Tribune.....	Advertising.....	5 25
21945	..do....	Geo. B. Carpenter & Co.....	Belt.....	4 32
21946	..do....	E. L. Lawson.....	Cost of supplies.....	13 11
21947	..do....	The Public School Publishing Co.....	Advertising.....	30 00
21948	..do....	Cutler Williams Corporation.....	Subscriptions.....	5 50
21949	..do....	T. H. Craig.....	Clock.....	25 00
21950	..do....	A. L. Whiting.....	Expenses.....	5 39
21951	..do....	Bates Mfg. Co.....	Labor and supplies.....	2 28
21952	..do....	L. J. Towne.....	Expenses.....	21 76
21953	..do....	Gould Storage Battery Co.....	Supplies.....	3 95
21954	..do....	Felt & Tarrant Mfg. Co.....	Comptometer.....	250 00
21955	..do....	R. C. Wagner & Son, Contractors.....	Labor.....	100 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
21956	June 25	E. C. Schmidt.....	Expenses.....	\$115 35
21957	..do....	The Architectural Review.....	Subscription.....	1 67
21958	..do....	Geo. Banta Publishing Co.....	Printing.....	250 97
21959	..do....	C. F. C. Riley.....	Expenses.....	20 60
21960	..do....	The Carswell Co.....	Books.....	302 50
21961	..do....	T. H. Flood & Co.....	..do.....	43 27
21962	..do....	Callaghan & Co.....	..do.....	14 25
21963	..do....	The Boston Book Co.....	..do.....	97 50
21964	..do....	S. P. Irwin.....	Subscription.....	4 00
21965	..do....	H. W. Mumford.....	Expenses.....	31 40
21966	..do....	H. H. Stoek.....	..do.....	56 33
21967	..do....	H. B. Ward.....	Book.....	2 50
21968	..do....	The Alumni Association.....	Copies of notes.....	12 25
21969	..do....	Geo. W. Medley.....	Expenses.....	19 15
21970	..do....	Illinois State Penitentiary.....	Tables.....	55 04
21971	..do....	The Inner-Brace Chair Co.....	Chairs.....	255 24
21972	..do....	C. H. Hanson.....	Brass figures.....	13 42
21973	..do....	General Electric Co.....	Supplies.....	66 32
21974	..do....	The Burr Co.....	Hardware.....	58 85
21975	..do....	John H. Doyle.....	..do.....	20 35
21976	..do....	Central Electric Co.....	Supplies.....	20 58
21977	..do....	Beardsley Hotel Co.....	Entertaining.....	41 50
21978	..do....	J. G. Biddle.....	Laboratory apparatus.....	21 75
21979	..do....	Eimer & Amend.....	Laboratory supplies.....	10 26
21980	..do....	A. C. McClurg & Co.....	Books.....	64 40
21981	..do....	The Letter Shop.....	Services.....	83 55
21982	..do....	Geo. E. Coghill.....	Expenses.....	21 00
21983	..do....	Laura B. Evans.....	..do.....	59 12
21984	..do....	F. W. Wascher.....	Expense.....	48 35
21985	June 27	Palmer Bros.....	Tea.....	2 20
21986	..do....	Medart Patent Pulley Co.....	Pulleys.....	5 92
21987	..do....	Southern Illinois Penitentiary.....	Fertilizer.....	18 00
21988	..do....	Crofoot Nielsen & Co.....	Prints.....	1 07
21989	..do....	D. H. Stevenson.....	Services and expenses.....	44 60
21990	..do....	Ernst Leitz.....	Laboratory apparatus.....	57 85
21991	..do....	The Schaeffer & Budenberg Mfg. Co.....	Gauge charts.....	6 00
21992	..do....	The Graham Mfg. Co.....	Supplies.....	3 84
21993	..do....	The American Crayon Co.....	..do.....	10 00
21994	..do....	American La-France Fire Engine Co. of Illinois.....	Hose.....	35 10
21995	..do....	Illinois Electrical Mfg. Co.....	Rewinding transformers.....	62 80
21996	..do....	The Linde Air Products Co.....	Oxygen.....	3 00
21997	..do....	Montgomery Ward & Co.....	Tin plates.....	11 00
21998	..do....	Keystone Type Foundry.....	Supplies.....	11 98
21999	..do....	Illinois Glass Co.....	..do.....	21 27
22000	..do....	W. S. Bayley.....	Geological folios.....	3 35
22001	June 30	D. A. Abrams.....	Salary, June, 1913.....	133 33
22002	..do....	C. C. Adams.....	..do.....	137 50
22003	..do....	R. M. Alden.....	..do.....	333 33
22004	..do....	W. C. Allee.....	..do.....	120 00
22005	..do....	C. H. Allen.....	..do.....	30 00
22006	..do....	C. W. Alvord.....	..do.....	145 83
22007	..do....	L. F. Anderson.....	..do.....	208 33
22008	..do....	S. O. Andros.....	..do.....	150 00
22009	..do....	June M. Ashley.....	..do.....	30 00
22010	..do....	Ruth S. Atwell.....	..do.....	60 00
22011	..do....	K. C. Babcock.....	..do.....	416 66
22012	..do....	Robert Back.....	..do.....	75 00
22013	..do....	G. D. Bagley.....	Scholarship, June, 1913.....	25 00
22014	..do....	W. C. Bagley.....	Salary, June, 1913.....	291 66
22015	..do....	Margaret L. Bailey.....	Fellowship, June, 1913.....	50 00
22016	..do....	W. H. Bair.....	Salary, June, 1913.....	50 00
22017	..do....	I. O. Baker.....	..do.....	333 33
22018	..do....	R. E. Baker.....	..do.....	30 00
22019	..do....	E. C. Baldwin.....	..do.....	150 00
22020	..do....	C. W. Balke.....	..do.....	183 33
22021	..do....	Panzy Barger.....	..do.....	30 00
22022	..do....	Bronson Barlow.....	..do.....	50 00
22023	..do....	J. T. Barrett.....	..do.....	58 33
22024	..do....	H. H. Bartells.....	..do.....	50 00
22025	..do....	P. S. Barto.....	..do.....	100 00
22026	..do....	H. J. Barton.....	..do.....	250 00
22027	..do....	Edward Bartow.....	..do.....	291 66
22028	..do....	S. J. Bates.....	..do.....	100 00
22029	..do....	W. S. Bayley.....	..do.....	187 50
22030	..do....	G. D. Beal.....	..do.....	120 00
22031	..do....	J. H. Beard.....	..do.....	120 00
22032	..do....	J. B. Beck.....	..do.....	166 66
22033	..do....	J. E. Bell.....	..do.....	60 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
22034	June 30, 1913.	B. W. Benedict.	Salary, June, 1913.	\$291 66
22035	do.	Madison Bentley.	do.	250 00
22036	do.	E. J. Berg.	do.	333 33
22037	do.	Daisy L. Blaisdell.	do.	100 00
22038	do.	D. S. Blondheim.	do.	116 66
22039	do.	Loeward Bloomfield.	do.	120 00
22040	do.	B. H. Bode.	do.	250 00
22041	do.	E. L. Bogert.	do.	250 00
22042	do.	G. F. Bloomsilver.	do.	130 00
22043	do.	Etnel Bond.	do.	83 33
22044	do.	H. L. Boyer.	do.	125 00
22045	do.	C. V. Boyer.	do.	120 00
22046	do.	R. O. Brigham.	do.	60 00
22047	do.	Alice D. Brooks.	do.	30 00
22048	do.	Morgan Brooks.	do.	250 00
22049	do.	N. C. Brooks.	do.	200 00
22050	do.	Verma Brooks.	do.	80 00
22051	do.	F. F. Brown.	do.	80 00
22052	do.	Elizabeth F. Brush.	do.	183 33
22053	do.	J. M. Bryant.	do.	20 00
22054	do.	W. A. Bucken.	do.	110 00
22055	do.	A. M. Buck.	do.	150 00
22056	do.	S. J. Buck.	do.	116 66
22057	do.	W. E. Budge.	do.	166 66
22058	do.	S. C. Burton.	do.	30 00
22059	do.	H. V. Carter.	do.	120 00
22060	do.	A. F. Carman.	do.	166 66
22061	do.	D. H. Carman.	do.	333 33
22062	do.	F. W. Carpenter.	do.	208 33
22063	do.	G. E. Carsalen.	do.	166 66
22064	do.	H. Y. Carlson.	do.	75 00
22065	do.	H. K. Carson.	do.	125 00
22066	do.	E. W. Chittenden.	do.	120 00
22067	do.	C. R. Clark.	do.	229 16
22068	do.	K. A. Clark.	do.	166 66
22069	do.	L. A. Clark.	do.	30 00
22070	do.	L. D. Colman.	do.	416 66
22071	do.	Alexander Cohn.	do.	250 00
22072	do.	A. C. Cole.	do.	10 00
22073	do.	Vida L. Collins.	do.	130 00
22074	do.	H. T. Constock.	do.	90 00
22075	do.	H. K. Corson.	do.	180 00
22076	do.	F. K. Covey.	do.	100 00
22077	do.	Jennie A. Craig.	do.	120 00
22078	do.	H. L. Crahan.	do.	73 66
22079	do.	A. L. Creek.	do.	141 66
22080	do.	Florence R. Curtis.	do.	120 00
22081	do.	A. H. Daniels.	do.	110 00
22082	do.	Frank B. Darrin.	do.	300 00
22083	do.	Robt. Davis.	do.	10 00
22084	do.	R. S. Davison.	do.	100 00
22085	do.	E. H. Decker.	do.	60 00
22086	do.	J. A. Dent.	do.	250 00
22087	do.	J. W. Denton.	do.	180 00
22088	do.	E. C. Derick.	do.	250 00
22089	do.	G. R. Dewarup.	do.	120 00
22090	do.	W. K. Dickey.	do.	141 66
22091	do.	W. F. Dodd.	do.	250 00
22092	do.	D. K. Dodge.	do.	166 66
22093	do.	A. B. Donnoske.	do.	220 00
22094	do.	G. W. Dowie.	do.	250 00
22095	do.	F. K. V. Drury.	do.	90 00
22096	do.	F. C. Dutton.	do.	166 66
22097	do.	J. C. Dutton.	do.	166 66
22098	do.	J. M. Duncan.	do.	229 16
22099	do.	K. S. Dunham.	do.	90 00
22100	do.	Frank E. Dunlap.	do.	10 00
22101	do.	H. A. Dunn.	do.	51 66
22102	do.	H. A. Dunn.	do.	61 66
22103	do.	H. S. Eames.	do.	130 00
22104	do.	E. T. Eames.	do.	60 00
22105	do.	W. C. Eells.	do.	50 00
22106	do.	W. E. Eklund.	do.	60 00
22107	do.	Frederick Ellis.	do.	150 00
22108	do.	Frederick Ellis.	do.	166 66
22109	do.	M. T. Enger.	do.	166 66
22110	do.	E. W. Engle.	do.	30 00
22111	do.			
22112	do.			

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
22113	June 30, 1913.	N. E. Ensign.....	Salary, June, 1913.....	\$120 00
22114	- do -	L. B. Ermeling.....	- do -	20 00
22115	- do -	L. T. Fairhall.....	- do -	15 00
22116	- do -	L. A. Fairlee.....	- do -	250 00
22117	- do -	R. N. Fargo.....	- do -	50 00
22118	- do -	S. P. Farwell.....	- do -	140 00
22119	- do -	E. C. Faust.....	- do -	60 00
22120	- do -	Mary E. Fawcett.....	- do -	166 66
22121	- do -	Emma Falsenthal.....	- do -	75 00
22122	- do -	Winifred Farenkamp.....	- do -	70 00
22123	- do -	H. F. Ferguson.....	- do -	60 00
22124	- do -	E. E. Fiero.....	- do -	45 00
22125	- do -	E. J. Filbey.....	- do -	166 66
22126	- do -	I. W. Fisk.....	- do -	120 00
22127	- do -	J. D. Fitz Gerald II.....	- do -	208 33
22128	- do -	E. B. Flanagan.....	- do -	80 00
22129	- do -	F. L. Fleener.....	- do -	40 00
22130	- do -	V. R. Fleming.....	- do -	125 00
22131	- do -	G. T. Flom.....	- do -	208 33
22132	- do -	J. W. Folsom.....	- do -	166 66
22133	- do -	S. A. Forbes.....	- do -	41 66
22134	- do -	G. S. Ford.....	- do -	250 00
22135	- do -	George E. Frazer.....	- do -	300 00
22136	- do -	J. A. Frisk.....	- do -	91 66
22137	- do -	Edward Fulton.....	- do -	175 00
22138	- do -	J. W. Garner.....	- do -	250 00
22139	- do -	N. B. Garver.....	- do -	150 00
22140	- do -	Rosa-Lee Gaut.....	- do -	35 00
22141	- do -	W. S. Gentry, Jr.....	- do -	100 00
22142	- do -	H. L. Gill.....	- do -	200 00
22143	- do -	C. E. Gillett.....	- do -	30 00
22144	- do -	Hugh Glasgow.....	- do -	60 00
22145	- do -	E. A. Glanz.....	- do -	10 00
22146	- do -	H. F. Godeke.....	- do -	120 00
22147	- do -	Julius Goebel.....	- do -	270 83
22148	- do -	H. F. Gommerman.....	- do -	120 00
22149	- do -	G. A. Goodenough.....	- do -	250 00
22150	- do -	T. G. Goodwin.....	- do -	500 00
22151	- do -	W. F. M. Goss.....	- do -	90 00
22152	- do -	P. S. Goulding.....	- do -	60 00
22153	- do -	Bessie R. Green.....	- do -	133 33
22154	- do -	Fredrick Green.....	- do -	291 66
22155	- do -	E. B. Greene.....	- do -	375 00
22156	- do -	T. H. Guild.....	- do -	125 00
22157	- do -	J. E. Gutberlet.....	- do -	80 00
22158	- do -	Alta Gwynn.....	- do -	80 00
22159	- do -	G. C. Habermeyer.....	- do -	141 66
22160	- do -	H. F. Hadley.....	- do -	50 00
22161	- do -	Stella M. Hague.....	Fellowship, June, 1913.....	80 00
22162	- do -	H. G. Hale.....	Salary, June, 1913.....	120 00
22163	- do -	W. G. Hale.....	- do -	250 00
22164	- do -	R. G. Hall.....	- do -	30 00
22165	- do -	L. G. Hana.....	- do -	170 00
22166	- do -	Paul Hansen.....	- do -	250 00
22167	- do -	Sada Harbarger.....	- do -	90 00
22168	- do -	A. A. Harding.....	- do -	150 00
22169	- do -	O. A. Harker.....	- do -	333 33
22170	- do -	E. C. Hayes.....	- do -	283 33
22171	- do -	C. M. Hebert.....	- do -	60 00
22172	- do -	G. W. Heikamp.....	- do -	40 00
22173	- do -	F. E. Held.....	- do -	40 00
22174	- do -	W. S. Hendrix.....	- do -	85 00
22175	- do -	Margaret Herdman.....	- do -	75 00
22176	- do -	R. W. Hess.....	- do -	30 00
22177	- do -	C. K. Hewes.....	- do -	50 00
22178	- do -	F. E. Hill.....	- do -	80 00
22179	- do -	Ralph Hilscher.....	- do -	100 00
22180	- do -	M. E. Hinds.....	- do -	80 00
22181	- do -	Wilhelm Hirschkind.....	- do -	100 00
22182	- do -	Jacob Hordnefeld.....	- do -	80 00
22183	- do -	H. C. Hohman.....	- do -	20 00
22184	- do -	M. A. Hollinshead.....	- do -	20 00
22185	- do -	H. A. Hollister.....	- do -	229 16
22186	- do -	E. E. Hollman.....	- do -	40 00
22187	- do -	B. S. Hopkins.....	- do -	60 00
22188	- do -	J. W. Hornbeck.....	- do -	120 00
22189	- do -	C. R. Horrell.....	- do -	20 00
22190	- do -	C. F. Hottes.....	- do -	208 33

GENERAL UNIVERSITY WARRANTS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
22192	June 30, 1913.	H. A. Hunston.....	Fellowship, June, 1913.	\$ 50 00
22193	do.....	J. E. Huber.....	Scholarship, June, 1913.	25 00
22194	do.....	H. L. Huemink.....	Salary, June, 1913.	50 00
22195	do.....	G. A. Huff.....	do.....	250 00
22196	do.....	R. K. Hursh.....	do.....	100 00
22197	do.....	Margaret Hutchins.....	do.....	75 00
22198	do.....	Edmund J. James.....	do.....	1,000 00
22199	do.....	L. V. James.....	do.....	130 00
22200	do.....	C. E. Janyth.....	do.....	37 50
22201	do.....	Alice Johnson.....	do.....	70 00
22202	do.....	McElroy Johnson.....	do.....	170 00
22203	do.....	H. S. V. Jones.....	do.....	150 00
22204	do.....	Isabel Jones.....	do.....	110 00
22205	do.....	L. T. Jones.....	do.....	85 00
22206	do.....	Ralph Jones.....	do.....	90 00
22207	do.....	R. C. Jones.....	do.....	160 00
22208	do.....	R. T. Jones.....	do.....	140 00
22209	do.....	H. H. Jordan.....	do.....	100 00
22210	do.....	J. C. Jordan.....	do.....	100 00
22211	do.....	Emma R. Jutton.....	do.....	100 00
22212	do.....	J. B. Kaiser.....	do.....	100 00
22213	do.....	Oliver Kaim.....	do.....	60 00
22214	do.....	Eleanor G. Karsten.....	do.....	100 00
22215	do.....	C. F. Kelley.....	do.....	100 00
22216	do.....	J. M. Kellogg.....	do.....	130 00
22217	do.....	Ruth K. Kelo.....	do.....	140 00
22218	do.....	A. J. Kemper.....	do.....	80 00
22219	do.....	R. E. Kennedy.....	do.....	110 00
22220	do.....	Ernst Kessler.....	do.....	130 00
22221	do.....	V. A. Keicham.....	do.....	60 00
22222	do.....	Arthur Kiernan.....	do.....	60 00
22223	do.....	A. H. Kimball.....	do.....	140 00
22224	do.....	S. F. Kimball.....	do.....	75 00
22225	do.....	Margaret L. Kingsbury.....	do.....	120 00
22226	do.....	David Kinley.....	do.....	20 00
22227	do.....	Florence M. Kirkup.....	do.....	100 00
22228	do.....	C. T. Knipp.....	do.....	208 33
22229	do.....	J. F. Kohout.....	do.....	10 00
22230	do.....	A. H. Koller.....	do.....	100 00
22231	do.....	A. P. Kratz.....	do.....	100 00
22232	do.....	E. V. Kratz.....	do.....	100 00
22233	do.....	A. C. Krey.....	Scholarship, June, 1913.	25 00
22234	do.....	Jakob Kunz.....	Salary, June, 1913.	140 00
22235	do.....	Martha J. Kyle.....	do.....	208 33
22236	do.....	E. J. Lake.....	do.....	120 00
22237	do.....	E. M. R. Lankey.....	do.....	150 00
22238	do.....	Marion C. Landee.....	do.....	60 00
22239	do.....	W. F. Langeller.....	do.....	90 00
22240	do.....	E. T. Lanham.....	do.....	100 00
22241	do.....	L. M. Larson.....	do.....	105 00
22242	do.....	H. H. Lauer.....	do.....	216 66
22243	do.....	T. E. Layne.....	do.....	150 00
22244	do.....	Eugene Leslie.....	do.....	30 00
22245	do.....	O. E. Lessing.....	do.....	30 00
22246	do.....	O. A. Leutwiler.....	do.....	233 33
22247	do.....	L. H. Lillibell.....	do.....	200 00
22248	do.....	F. C. Lincoln.....	do.....	90 00
22249	do.....	R. H. Jenkins.....	do.....	166 66
22250	do.....	C. M. Linsley.....	do.....	30 00
22251	do.....	Simon Litman.....	do.....	21 66
22252	do.....	F. C. Loring.....	do.....	133 33
22253	do.....	C. A. Ludwig.....	do.....	150 00
22254	do.....	H. T. Lundquist.....	do.....	30 00
22255	do.....	E. B. Lytle.....	do.....	133 33
22256	do.....	Ellen S. McCarthy.....	do.....	120 00
22257	do.....	Lois D. McCobb.....	do.....	90 00
22258	do.....	A. B. McDaniel.....	do.....	208 33
22259	do.....	Rudolph McDermet.....	Fellowship, June, 1913.	50 00
22260	do.....	D. F. McArthur.....	Salary, June, 1913.	50 00
22261	do.....	C. G. MacArthur.....	do.....	150 00
22262	do.....	Wallace Macdariane.....	Salary, June, 1913.	50 00
22263	do.....	A. D. MacGillivray.....	Fellowship, June, 1913.	30 00
22264	do.....	D. A. MacInnis.....	Salary, June, 1913.	208 33
22265	do.....	A. H. McLean.....	do.....	120 00
22266	do.....	C. W. Malcolm.....	do.....	80 00
22267	do.....	G. A. Maney.....	Fellowship, June, 1913.	150 00
22268	do.....	E. J. Manley.....	Salary, June, 1913.	50 00
22269	do.....	F. M. Mann.....	do.....	77 77
22270	do.....	F. W. Marquis.....	do.....	333 33
				150 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
22271	1913.			
June 30				
22272	do.	O. R. Martin	Salary, June, 1913	\$110 00
22273	do.	M. S. Mason	do.	50 00
22274	do.	J. M. Mathews	do.	133 33
22275	do.	G. H. Meyer	do.	208 33
22276	do.	E. B. Millard	do.	60 00
22277	do.	F. H. Millard	do.	110 00
22278	do.	G. A. Miller	do.	250 00
22279	do.	H. W. Miller	do.	150 00
22280	do.	R. N. Miller	do.	35 00
22281	do.	W. S. Miller	do.	125 00
22282	do.	C. H. Mills	do.	208 33
22283	do.	Brahmer Mitchell, Jr.	do.	130 00
22284	do.	F. W. Mohlman	do.	60 00
22285	do.	H. C. Moore	do.	20 00
22286	do.	O. H. Moore	do.	208 33
22287	do.	Ruby Moore	do.	110 00
22288	do.	E. W. Morphy	do.	20 00
22289	do.	B. C. Morse	do.	48 00
22290	do.	Wm. E. Mosher	do.	50 00
22291	do.	C. M. Moss	do.	50 00
22292	do.	Gertrude Moulton	do.	250 00
22293	do.	C. F. Nelson	do.	116 66
22294	do.	W. S. Nelson	do.	100 00
22295	do.	Allan Nevins	do.	30 00
22296	do.	C. R. Newell	do.	85 00
22297	do.	C. E. Noerndberg	do.	140 00
22298	do.	W. A. Noyes	do.	333 33
22299	do.	W. A. Oldfather	do.	229 16
22300	do.	H. L. Ohn	do.	50 00
22301	do.	T. E. Oliver	do.	208 33
22302	do.	A. W. Owens	do.	30 00
22303	do.	E. B. Palme	do.	208 33
22304	do.	L. G. Palmer	do.	120 00
22305	do.	Rosalie M. Parr	do.	80 00
22306	do.	S. W. Parr	do.	291 66
22307	do.	Adah Patton	do.	83 33
22308	do.	H. G. Paul	do.	166 66
22309	do.	A. S. Pease	do.	208 33
22310	do.	J. C. Pendleton	do.	85 00
22311	do.	Alvah Peterson	do.	60 00
22312	do.	G. W. Pickels	do.	130 00
22313	do.	J. N. Pomeroy	do.	138 33
22314	do.	C. M. Poor	do.	130 00
22315	do.	R. S. Potter	do.	50 00
22316	do.	Anton Prasil	do.	80 00
22317	do.	A. L. Prickett	do.	43 33
22318	do.	D. C. Prime	do.	25 00
22319	do.	B. S. Radcliffe	do.	80 00
22320	do.	G. H. Radebaugh	Salary, June, 1913	166 66
22321	do.	Otto Rahn	do.	110 00
22322	do.	O. A. Randolph	do.	80 00
22323	do.	W. H. Rayner	do.	110 00
22324	do.	J. W. Read	do.	50 00
22325	do.	P. J. Rebman	do.	80 00
22326	do.	E. J. Reece	do.	150 00
22327	do.	F. W. Reed	do.	140 00
22328	do.	P. F. Reif	do.	50 00
22329	do.	E. A. Rich	do.	40 00
22330	do.	J. L. Rich	do.	150 00
22331	do.	C. R. Richards	do.	333 33
22332	do.	N. C. Ricker	do.	291 66
22333	do.	H. L. Rietz	do.	150 00
22334	do.	W. S. Robertson	do.	166 66
22335	do.	M. H. Robinson	do.	250 00
22336	do.	C. W. Role	do.	250 00
22337	do.	S. A. Rowland	do.	60 00
22338	do.	H. O. Ruger	do.	120 00
22339	do.	George Rutledge	do.	60 00
22340	do.	L. R. Saret	do.	80 00
22341	do.	T. E. Savage	do.	166 66
22342	do.	Oliver F. Saxton	do.	83 33
22343	do.	S. H. Scherree	do.	83 33
22344	do.	E. C. Schmidt	do.	30 00
22345	do.	H. F. Schneider	do.	291 66
22346	do.	Clarence Scholl	do.	30 00
22347	do.	W. F. Schulz	do.	10 00
22348	do.	G. F. Schwartz	do.	166 66
22349	do.		do.	135 33

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
22350	June 30	F. W. Scott.	Salary, June, 1913.	\$133 33
22351	do.	D. L. Scroggin.	do.	120 00
22352	do.	G. W. Sears.	do.	60 00
22353	do.	F. B. Seeley.	do.	140 00
22354	do.	R. S. Seese.	Scholarship, June, 1913.	25 00
22355	do.	A. R. Seymour.	Salary, June, 1913.	166 66
22356	do.	J. B. Shaw.	do.	187 50
22357	do.	Queen L. Shepherd.	do.	80 00
22358	do.	S. P. Sherman.	do.	266 66
22359	do.	G. A. Shook.	do.	100 00
22360	do.	C. W. Sievert.	do.	10 00
22361	do.	S. L. Simmering.	Fellowship, June, 1913.	30 00
22362	do.	Frances Simpson.	Salary, June, 1913.	166 66
22363	do.	G. E. Simpson.	do.	10 00
22364	do.	C. H. Sisam.	do.	158 33
22365	do.	W. A. Slater.	do.	125 00
22366	do.	Adelle C. Smith.	do.	60 00
22367	do.	Constance B. Smith.	do.	160 00
22368	do.	G. M. Smith.	do.	133 33
22369	do.	Frank Smith.	do.	208 33
22370	do.	J. E. Smith.	do.	125 00
22371	do.	O. H. Smith.	do.	95 00
22372	do.	J. M. Snodgrass.	do.	175 00
22373	do.	E. R. Spencer.	do.	50 00
22374	do.	O. O. Stanley.	do.	70 00
22375	do.	Joel Stebbins.	do.	104 16
22376	do.	R. K. Steward.	do.	130 00
22377	do.	C. L. Stewart.	do.	50 00
22378	do.	H. H. Stoeck.	do.	333 33
22379	do.	J. W. Stokes.	Fellowship, June, 1913.	50 00
22380	do.	E. B. Stouffer.	Salary, June, 1913.	130 00
22381	do.	E. K. Strachan.	do.	100 00
22382	do.	E. T. Strong.	do.	95 00
22383	do.	Lillian Strong.	do.	50 00
22384	do.	R. T. Stull.	do.	225 00
22385	do.	Horace Stunkard.	do.	30 00
22386	do.	Emerson Sutcliffe.	do.	80 00
22387	do.	A. H. Sutherland.	do.	150 00
22388	do.	A. N. Talbot.	do.	333 33
22389	do.	F. W. Tanner.	do.	60 00
22390	do.	S. C. Taylor.	do.	25 00
22391	do.	W. H. Taylor.	do.	60 00
22392	do.	H. R. Thomas.	Fellowship, June, 1913.	50 00
22393	do.	C. M. Thompson.	Salary, June, 1913.	90 00
22394	do.	D. G. Thompson.	do.	40 00
22395	do.	J. G. Thompson.	do.	160 00
22396	do.	Lambert Thorp.	do.	100 00
22397	do.	A. J. Tieje.	do.	105 00
22398	do.	A. J. Todd.	do.	104 16
22399	do.	E. J. Townsend.	do.	333 33
22400	do.	L. L. Townsend.	do.	100 00
22401	do.	Edna A. Treat.	Salary, June, 1913.	90 00
22402	do.	H. D. Valentine.	do.	10 00
22403	do.	H. J. Van Cleave.	do.	60 00
22404	do.	H. J. Van den Berg.	do.	180 00
22405	do.	G. J. Van Zoeren.	do.	30 00
22406	do.	J. N. Vedder.	do.	110 00
22407	do.	C. G. Vernier.	do.	291 66
22408	do.	E. H. Waldo.	do.	166 66
22409	do.	H. B. Ward.	do.	333 33
22410	do.	E. H. Warner.	do.	50 00
22411	do.	A. R. Warnock.	do.	125 00
22412	do.	E. W. Washburn.	do.	183 33
22413	do.	F. R. Watson.	do.	200 00
22414	do.	H. C. P. Weber.	do.	150 00
22415	do.	N. A. Wells.	do.	208 33
22416	do.	N. A. Weston.	do.	229 16
22417	do.	Mary M. Wetmore.	do.	125 00
22418	do.	J. M. White.	do.	333 33
22419	do.	J. H. Whiten.	do.	60 00
22420	do.	E. A. Wildman.	do.	30 00
22421	do.	C. C. Wiley.	do.	150 00
22422	do.	C. A. Williams.	do.	120 00
22423	do.	E. H. Williams.	do.	125 00
22424	do.	Mary E. Williams.	do.	85 00
22425	do.	F. G. Willson.	do.	160 00
22426	do.	P. L. Windsor.	do.	250 00
22427	do.	R. M. Winger.	do.	120 00
22428	do.	W. J. Wohlenberg.	do.	50 00



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
22429	June 30, 1913.	P. S. Woodward	Salary, June, 1913.	\$ 35 00
22430	do.	I. M. Wormser	do.	133 33
22431	do.	A. B. Wright	do.	50 00
22432	do.	Ola M. Wyeth	do.	75 00
22433	do.	T. J. Jensen	do.	100 00
22434	do.	Jacob Zeitlin	do.	125 00
22435	do.	Charles Zeleny	do.	208 33
22436	do.	H. F. Zoller	do.	30 00
22437	do.	J. E. Ackert	Fellowship, June, 1913.	35 00
22438	do.	F. H. Adler	do.	35 00
22439	do.	Josephine E. Burns	do.	30 00
22440	do.	Margaret V. Cobb	do.	30 00
22441	do.	Edna L. Forey	do.	35 00
22442	do.	D. L. Geyer	do.	35 00
22443	do.	J. W. Good	do.	40 00
22444	do.	E. O. Heuse	do.	30 00
22445	do.	E. A. T. Kirchner	do.	30 00
22446	do.	P. A. Lehenbauer	do.	30 00
22447	do.	H. H. McGregor	do.	30 00
22448	do.	L. C. Mathewson	do.	30 00
22449	do.	L. F. Nickel	do.	40 00
22450	do.	A. W. Orcutt	do.	35 00
22451	do.	A. F. Pelne	do.	30 00
22452	do.	C. F. C. Riley	do.	35 00
22453	do.	Charles Rhaker	do.	35 00
22454	do.	Irma E. Voigt	do.	30 00
22455	do.	P. S. Welch	do.	35 00
22456	do.	G. Y. Williams	do.	35 00
22457	do.	Alice Biester	Scholarship, June, 1913.	25 00
22458	do.	E. W. Brown	do.	25 00
22459	do.	D. M. Brumfiel	do.	25 00
22460	do.	F. E. Clark	do.	25 00
22461	do.	Jesse L. Conel	do.	25 00
22462	do.	S. H. Cox	do.	25 00
22463	do.	E. S. Dowell	do.	25 00
22464	do.	D. T. Engels	do.	25 00
22465	do.	Ola M. J. Eskelson	do.	25 00
22466	do.	S. E. Faugher	do.	25 00
22467	do.	S. B. Fraeker	do.	25 00
22468	do.	Byne F. Goodman	do.	25 00
22469	do.	Sappho C. Graham	do.	25 00
22470	do.	Ruby M. Grimes	do.	25 00
22471	do.	Mary A. Haan	do.	25 00
22472	do.	Homer Hall	do.	25 00
22473	do.	A. C. Hamford	do.	25 00
22474	do.	William Hill	do.	25 00
22475	do.	C. E. Holley	do.	25 00
22476	do.	Nellie N. Horner	do.	25 00
22477	do.	J. W. Howard	do.	25 00
22478	do.	P. W. Ivey	do.	25 00
22479	do.	Gretchen Lutz	do.	25 00
22480	do.	Janet M. MacDonald	do.	25 00
22481	do.	J. E. Miller	do.	25 00
22482	do.	Edna Mosher	do.	25 00
22483	do.	J. B. Nathanson	do.	25 00
22484	do.	F. G. Norbury	do.	25 00
22485	do.	R. H. Nottelman	do.	25 00
22486	do.	Cornelia Seawell	do.	25 00
22487	do.	Mary M. Spangler	do.	25 00
22488	do.	W. A. Swenson	do.	25 00
22489	do.	Lilly B. Voegelien	do.	25 00
22490	do.	Margaret Washington	do.	25 00
22491	do.	P. Q. Wright	do.	25 00
22492	do.	A. E. Zucker	Salary, June, 1913.	25 00
22493	do.	Lilla M. Alexander	do.	60 00
22494	do.	W. E. Alley	do.	60 00
22495	do.	Winifred L. Amos	do.	65 00
22496	do.	Ethel Ash	do.	60 00
22497	do.	C. E. Atkinson	do.	141 66
22498	do.	Mary L. Blackwell	do.	50 00
22499	do.	L. A. Bole	do.	125 00
22500	do.	Tabitha T. Broadhurst	do.	75 00
22501	do.	Ina M. Brown	do.	60 00
22502	do.	Sarah E. Bryan	do.	65 00
22503	do.	Helen I. Buckler	do.	60 00
22504	do.	Agnes M. Cole	do.	75 00
22505	do.	C. C. Crawford	do.	60 00
22506	do.	H. E. Cunningham	do.	150 00
22507	do.	C. E. Dalton	do.	45 00

GENERAL UNIVERSITY WARRANTS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
22908	1913. June 30	Franc Durfey.....	Salary, June, 1913.....	\$ 50 00
22909	do.....	Edith Emigh.....	do.....	65 00
22910	do.....	Frances M. Feind.....	do.....	75 00
22911	do.....	R. I. Fieg.....	do.....	50 00
22912	do.....	Viola Fraser.....	do.....	55 00
22913	do.....	Frances G. Garwood.....	do.....	43 33
22914	do.....	Antoinette Goetz.....	do.....	65 00
22915	do.....	Elizabeth Good.....	do.....	40 00
22916	do.....	Mabel F. Griffith.....	do.....	60 00
22917	do.....	Carmen Harack.....	do.....	55 00
22918	do.....	Eliza Hart.....	do.....	35 00
22919	do.....	C. H. Havens.....	do.....	120 00
22920	do.....	N. Hay.....	do.....	166 66
22921	do.....	Myrtle E. Heater.....	do.....	55 00
22922	do.....	Josie B. Houchens.....	do.....	75 00
22923	do.....	A. H. Hull.....	do.....	65 00
22924	do.....	Katie L. Humrichouse.....	do.....	50 00
22925	do.....	Marie Jester.....	do.....	45 00
22926	do.....	Gertrude Johnson.....	do.....	55 00
22927	do.....	J. J. Johnson.....	do.....	45 00
22928	do.....	J. H. Kelley.....	do.....	166 66
22929	do.....	Nora Krywih.....	do.....	41 66
22930	do.....	Aurelia Knapp.....	do.....	65 00
22931	do.....	L. E. Knorr.....	do.....	140 00
22932	do.....	Allie Lamb.....	do.....	45 00
22933	do.....	A. R. Lee.....	do.....	91 66
22934	do.....	Louise A. Lietz.....	do.....	35 00
22935	do.....	Stella Lund.....	do.....	55 00
22936	do.....	C. M. McCann.....	do.....	233 33
22937	do.....	Agnes McGarry.....	do.....	83 33
22938	do.....	Jane McMullin.....	do.....	40 00
22939	do.....	L. Mae Manspeaker.....	do.....	83 33
22940	do.....	Jennie Matters.....	do.....	50 00
22941	do.....	Maude E. Menoley.....	do.....	50 00
22942	do.....	C. F. Miller.....	do.....	75 00
22943	do.....	Lloyd Morey.....	do.....	85 00
22944	do.....	J. A. Morrow.....	do.....	166 66
22945	do.....	M. W. Murphy.....	do.....	110 00
22946	do.....	Catherine S. Oaks.....	do.....	65 00
22947	do.....	H. D. Oberdorfer.....	do.....	166 66
22948	do.....	Elizabeth C. Peel.....	do.....	75 00
22949	do.....	Thomas Peel.....	do.....	55 00
22950	do.....	F. W. Post.....	do.....	75 00
22951	do.....	Harriet L. Fostlevalte.....	do.....	50 00
22952	do.....	Myrtle A. Renz.....	do.....	15 60
22953	do.....	Clara A. Ricketts.....	do.....	60 00
22954	do.....	Nellie M. Robertson.....	do.....	55 00
22955	do.....	Bertha Sharp.....	do.....	55 00
22956	do.....	Anna L. Shepard.....	do.....	91 66
22957	do.....	T. J. Shovers.....	do.....	125 00
22958	do.....	Sara M. Slater.....	do.....	55 00
22959	do.....	Bertann Smith.....	do.....	70 00
22960	do.....	I. M. Smith.....	do.....	100 00
22961	do.....	Jessie A. Smith.....	do.....	108 33
22962	do.....	Mayne L. Smith.....	do.....	65 00
22963	do.....	O. E. Staples.....	do.....	150 00
22964	do.....	Alfred Stelz.....	do.....	75 00
22965	do.....	Sabra Stevens.....	do.....	55 00
22966	do.....	Sigurd Strom.....	do.....	85 00
22967	do.....	M. E. Thompson.....	do.....	85 00
22968	do.....	Mary Torrance.....	do.....	55 00
22969	do.....	L. J. Towne.....	do.....	150 00
22970	do.....	G. P. Tuttle.....	do.....	91 66
22971	do.....	Josephine Tyrell.....	do.....	45 00
22972	do.....	Lida E. Voight.....	do.....	83 33
22973	do.....	Lida E. White.....	do.....	50 00
22974	do.....	B. L. Winchester.....	do.....	48 00
22975	do.....	H. T. Wyminger.....	do.....	52 50
22976	do.....	Orr Allyn.....	do.....	70 00
22977	do.....	J. P. Aymer.....	do.....	150 00
22978	do.....	D. O. Baro.....	do.....	166 66
22979	do.....	F. C. Bauer.....	do.....	125 00
22980	do.....	Isabel Beaver.....	do.....	250 00
22981	do.....	L. F. Binding.....	do.....	70 00
22982	do.....	T. C. Blair.....	do.....	416 66
22983	do.....	S. J. Boie.....	do.....	21 12
22984	do.....	R. E. Brand.....	do.....	166 66

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
22585	June 30, 1913.			
22586	do.	Steeler Bull.	Salary, June, 1913.	\$116 66
22587	do.	W. L. Burlison	do.	100 00
22588	do.	W. C. Coffey	do.	225 00
22589	do.	C. S. Crandall	do.	291 66
22590	do.	W. T. Crandall	do.	133 33
22591	do.	Nina B. Grieger	do.	120 00
22592	do.	E. Davenport	do.	18 91
22593	do.	R. W. Dickerson	do.	70 00
22594	do.	L. W. Dickerson	do.	150 00
22595	do.	H. B. Dörner	do.	200 00
22596	do.	C. E. Durr	do.	125 00
22597	do.	J. L. Edmond	do.	166 66
22598	do.	K. J. T. Ekblaw	do.	150 00
22599	do.	August D. Evans	do.	83 33
22600	do.	F. A. Fisher	do.	83 33
22601	do.	Georgia Fleming	do.	100 00
22602	do.	L. E. Foglesong	do.	100 00
22603	do.	W. J. Fraser	do.	291 66
22604	do.	W. J. Gaines	do.	150 00
22605	do.	J. J. Gardner	do.	100 00
22606	do.	F. W. Garrett	do.	83 33
22607	do.	W. B. Garner	do.	125 00
22608	do.	Charlotte Gibbs	do.	125 00
22609	do.	Nellie E. Goldthwaite	do.	166 66
22610	do.	Cora E. Gray	do.	110 00
22611	do.	H. S. Grindley	do.	291 66
22612	do.	A. J. Gunderson	do.	83 33
22613	do.	A. F. Gustafson	do.	150 00
22614	do.	L. D. Hall	do.	225 00
22615	do.	W. F. Handschinn	do.	150 00
22616	do.	H. A. Harding	do.	416 66
22617	do.	Leonard Hegnauer	do.	250 00
22618	do.	N. W. Hepburn	do.	175 00
22619	do.	S. V. Hoff	do.	150 00
22620	do.	C. G. Hopkins	do.	416 66
22621	do.	R. S. Hulce	do.	100 00
22622	do.	James Hutchinson	do.	100 00
22623	do.	M. E. Jahr	do.	120 00
22624	do.	W. E. Joseph	do.	125 00
22625	do.	O. A. Keller	do.	83 33
22626	do.	Oren Keller	do.	70 00
22627	do.	L. R. Lang	do.	66 67
22628	do.	W. B. Leighy	do.	100 00
22629	do.	J. W. Lloyd	do.	266 66
22630	do.	C. C. Logan	do.	150 00
22631	do.	D. McIntosh	do.	208 33
22632	do.	J. G. Mosier	do.	250 00
22633	do.	H. W. Mumford	do.	266 66
22634	do.	F. W. Munroe	do.	416 66
22635	do.	A. H. Nehring	do.	83 33
22636	do.	Gerrude Niederman	do.	125 00
22637	do.	A. W. Nolan	do.	100 00
22638	do.	J. B. Park	do.	150 00
22639	do.	H. N. Parker	do.	200 00
22640	do.	Maud Parsons	do.	100 00
22641	do.	F. A. Pearson	do.	75 00
22642	do.	G. L. Peltier	do.	100 00
22643	do.	Leonora Perry	do.	83 33
22644	do.	J. H. Pettit	do.	83 33
22645	do.	B. S. Pickett	do.	250 00
22646	do.	Helena M. Plincomb	do.	250 00
22647	do.	V. A. Place	do.	133 33
22648	do.	B. E. Powell	do.	83 33
22649	do.	F. H. Rankin	do.	191 66
22650	do.	C. O. Reed	do.	250 00
22651	do.	Harriet Rhaker	do.	120 00
22652	do.	R. R. Root	do.	125 00
22653	do.	H. A. Ruehe	do.	166 66
22654	do.	H. P. Rusk	do.	175 00
22655	do.	W. A. Ruth	do.	125 00
22656	do.	W. H. Sachs	do.	125 00
22657	do.	F. M. Simpson	do.	100 00
22658	do.	L. H. Smith	do.	250 00
22659	do.	W. H. Smith	do.	108 33
22660	do.	Grace Stevens	do.	90 00
22661	do.	J. V. Stewart	do.	41 66
22662	do.	H. W. Stewart	do.	150 00
22663	do.	E. Van Alstine	do.	150 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
22664	June 30 1913.	L. M. Wareley	Salary, June, 1913.....	\$100 00
22665	do	F. W. Washer	do	83 33
22666	do	O. S. Watkins	do	150 00
22667	do	J. R. Wells	do	70 00
22668	do	H. C. Wheeler	do	150 00
22669	do	Ruth Wheeler	do	133 33
22670	do	J. E. Whitnurch	do	150 00
22671	do	A. L. Whiting	do	125 00
22672	do	John Woodard	do	70 00
22673	do	J. J. Yoke	do	83 33
22674	do	Alice V. Hamilton	do	75 00
22675	do	Bessie E. Packard	do	75 00
22676	do	Florence E. Smith	do	65 00
22677	do	M. F. Roberts	do	45 33
22678	do	Stanley Wilkins	Wages, June, 1913.	30 00
22679	do	F. W. Wilson	do	30 00
22680	do	Fred Pine	do	75 00
22681	do	Louise Redman	do	50 00
22682	do	Lizzie Reynolds	do	40 00
22683	do	Lizzie Shue	do	27 50
22684	do	H. E. Moore	do	50 00
22685	do	Lawrence Nesbit	do	50 00
22686	do	Jesse Cook	do	55 00
22687	do	Ben Durman	do	46 00
22688	do	Lawrence Engle	do	47 50
22689	do	Marjorie H. Gage	do	65 00
22690	do	Roy Argo	do	55 00
22691	do	Lucy M. Barto	do	20 00
22692	do	Loretto White	do	65 00
22693	do	W. W. Yapp	do	70 00
22694	do	R. S. Smith	do	55 00
22695	do	J. F. Smith	do	65 00
22696	do	Cornelius Stocker	do	83 33
22697	do	E. F. Torgerson	do	83 33
22698	do	Melvin Thomas	do	52 50
22699	do	Elmer Varner	do	47 50
22700	do	Will Patterson	do	47 50
22701	do	Lillian Pail	do	50 00
22702	do	Elizabeth Pulling	do	60 00
22703	do	Alice Reed	do	50 00
22704	do	J. F. Romine	do	32 31
22705	do	G. L. Rigg	do	40 00
22706	do	Frank Sanders	do	50 00
22707	do	Otto Schwartz	do	60 00
22708	do	Ethel Sharp	do	40 00
22709	do	J. D. Mink	do	50 00
22710	do	George Mink	do	46 50
22711	do	P. O. Moore	do	45 00
22712	do	C. I. Newlin	do	37 50
22713	do	Mabel Halliday	do	60 00
22714	do	G. M. Grantham	do	40 38
22715	do	Fred Hawkins	do	45 00
22716	do	Garfield Jones	do	50 00
22717	do	J. R. Kelley	do	52 50
22718	do	A. F. Krueger	do	32 50
22719	do	H. C. Lawson	do	55 00
22720	do	W. A. McIntire	do	50 00
22721	do	O. M. McFee	do	22 50
22722	do	H. D. McQueen	do	45 00
22723	do	M. J. Conley	do	75 00
22724	do	Rob Cook	do	47 50
22725	do	Anna Crabtree	do	50 00
22726	do	H. E. Cronch	do	115 00
22727	do	H. A. De Wolf	do	27 50
22728	do	O. I. Ellis	do	60 00
22729	do	Ralph Engle	do	55 00
22730	do	Amelia Feldkamp	do	40 00
22731	do	T. Fullenwider	do	55 00
22732	do	G. E. Gentle	do	30 00
22733	do	O. G. Arkison	do	37 50
22734	do	G. S. Beaumont	do	31 15
22735	do	H. Valera Bowen	do	57 20
22736	do	Edward Brown	do	45 00
22737	do	A. C. Butwash	do	55 00
22738	do	M. R. Carlson	do	55 00
22739	do	M. T. Lindsey	do	35 50
22740	do	E. A. Doley	do	23 90
22741	do	M. L. Flanagan	do	17 00
22742	do	F. A. C. Smith	do	125 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
22743	June 30 1913.	Flores M. Sims.	Wages, June, 1913.	\$83 33
22744	do.	W. M. Taylor.	do.	40 00
22745	do.	D. C. Spinkie.	do.	50 00
22746	do.	H. J. Snider.	do.	23 60
22747	do.	Freda O. Stricklan.	do.	65 00
22748	do.	A. J. Stoneburner.	do.	50 00
22749	do.	Chester Turner.	do.	20 40
22750	do.	C. E. Trout.	do.	29 00
22751	do.	Andrew Torquist.	do.	75 00
22752	do.	Phillip Walters.	do.	75 00
22753	do.	W. J. Proesel.	do.	40 50
22754	do.	R. Pritchard.	do.	60 00
22755	do.	H. Pritchard.	do.	65 00
22756	do.	Olive G. Reid.	do.	50 00
22757	do.	Hazel Rhoads.	do.	50 00
22758	do.	M. D. Rose.	do.	52 50
22759	do.	Clint Sayer.	do.	35 00
22760	do.	Guy Shaffer.	do.	50 00
22761	do.	Earl Meenach.	do.	60 00
22762	do.	Loyde Bogan.	do.	54 20
22763	do.	Harold Mount.	do.	50 00
22764	do.	W. E. Golden.	do.	19 60
22765	do.	W. B. Golden.	do.	15 60
22766	do.	James O'Brien.	do.	50 00
22767	do.	W. L. Harry.	do.	50 00
22768	do.	Claude Harrolle.	do.	83 33
22769	do.	H. I. Hannah.	do.	40 00
22770	do.	William Heath.	do.	5 80
22771	do.	Wm. Hough.	do.	83 33
22772	do.	Elmer Jenkins.	do.	60 00
22773	do.	Sadie Jones.	do.	50 00
22774	do.	Lawrence Jahr.	do.	50 00
22775	do.	Frances E. McChughen.	do.	11 00
22776	do.	Winifred McIntosh.	do.	10 00
22777	do.	Hazel Cover.	do.	28 00
22778	do.	A. J. Corson.	do.	50 00
22779	do.	T. P. Crawford.	do.	70 00
22780	do.	Emma L. Custer.	do.	43 20
22781	do.	R. O. Cunningham.	do.	61 25
22782	do.	Pearl Cunningham.	do.	55 00
22783	do.	L. Donohue.	do.	50 00
22784	do.	G. Donohue.	do.	47 50
22785	do.	Ralph Eaton.	do.	40 00
22786	do.	Margaret C. Foss.	do.	55 00
22787	do.	Harley Foot.	do.	55 00
22788	do.	L. F. Frizzell.	do.	40 00
22789	do.	Marion B. Gallaher.	do.	45 00
22790	do.	C. F. Brown.	do.	45 00
22791	do.	James Boswell.	do.	97 00
22792	do.	C. F. Burge.	do.	45 00
22793	do.	L. F. Burdick.	do.	75 00
22794	do.	Mildred Buckles.	do.	65 00
22795	do.	E. J. Brown.	do.	45 00
22796	do.	Ruth But.	do.	50 00
22797	do.	F. C. Carle.	do.	45 00
22798	do.	C. C. Chapman.	do.	83 33
22799	do.	Ralph Chaplin.	do.	37 50
22800	do.	Alpha Torquist.	do.	70 00
22801	do.	L. A. Hunter.	do.	60 00
22802	do.	B. H. Dunlap.	do.	60 00
22803	do.	W. L. Bennett.	do.	40 00
22804	do.	Della Rogers.	do.	67 50
22805	do.	Butt Hays.	do.	49 95
22806	do.	T. W. Dieckmann.	do.	70 00
22807	do.	B. L. Bowling.	do.	70 00
22808	do.	Marie A. Gordon.	do.	50 00
22809	do.	Vera Beyer.	do.	18 45
22810	do.	Ray W. Wilson.	do.	65 00
22811	do.	L. S. Pergande.	do.	73 20
22812	do.	L. S. Baldwin.	do.	73 20
22813	do.	C. A. Brumley.	do.	64 00
22814	do.	Mary Miller.	do.	50 00
22815	do.	Geo. M. Hinkley.	do.	60 00
22816	do.	John Lankford.	do.	60 00
22817	do.	Harrison Fainkopf.	do.	60 00
22818	do.	F. W. Gault.	do.	80 00
22819	do.	H. C. Gilkerson.	do.	60 00
22820	do.	J. C. Anderson.	do.	65 00
22821	do.	C. A. Campbell.	do.	60 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
22822	June 30	L. A. Boettiger.....	Wages, June, 1913.	\$ 11 37
22823	do.	R. R. Snapp.....	do.	28 50
22824	do.	C. I. Newlin.....	do.	37 50
22825	do.	A. A. Odell.....	do.	43 88
22826	do.	S. D. Kirkpatrick.....	do.	17 40
22827	do.	S. C. Skemp.....	do.	11 40
22828	do.	Nathan Meltz.....	do.	22 30
22829	do.	W. W. Trimble.....	do.	49 40
22830	do.	J. B. Andrews.....	do.	32 00
22831	do.	R. J. Lyons.....	do.	10 00
22832	do.	C. R. Sinclair.....	do.	54 00
22833	do.	Wayne Brown.....	do.	42 00
22834	do.	A. O. Magnuson.....	do.	80 00
22835	do.	G. W. Meyer.....	do.	10 40
22836	do.	W. W. Peters.....	do.	20 00
22837	do.	L. M. Apgar.....	do.	20 00
22838	do.	Geo. F. Paulsen.....	do.	76 20
22839	do.	W. J. Langhoff.....	do.	55 80
22840	do.	Harry Higgins.....	do.	18 00
22841	do.	Guy Fox.....	do.	81 60
22842	do.	Jesse Meyers.....	do.	57 15
22843	do.	I. F. Tillotson.....	do.	65 32
22844	do.	A. Warmbier.....	do.	63 36
22845	do.	Fred Fender.....	do.	78 68
22846	do.	Ralph Swearingen.....	do.	28 80
22847	do.	Frank Wilson.....	do.	38 40
22848	do.	John Brannigan.....	do.	86 00
22849	do.	Howard Downing.....	do.	61 42
22850	do.	Thos. Butler.....	do.	65 70
22851	do.	Pete Davis.....	do.	66 15
22852	do.	W. J. Smith.....	do.	117 60
22853	do.	A. Servis.....	do.	61 20
22854	do.	Mary Ryan.....	do.	43 20
22855	do.	Ed. Richards.....	do.	96 72
22856	do.	Wm. Quinn.....	do.	69 00
22857	do.	J. F. Purkins.....	do.	56 00
22858	do.	F. M. Perry.....	do.	62 04
22859	do.	Wm. Wilde.....	do.	90 00
22860	do.	Ed. Wharmby.....	do.	65 00
22861	do.	Phillip Udinsky.....	do.	18 00
22862	do.	Geo. Turner.....	do.	61 00
22863	do.	Geo. Toy.....	do.	59 60
22864	do.	Wm. Templin.....	do.	84 75
22865	do.	Fred Langhoff.....	do.	55 00
22866	do.	A. Langhoff.....	do.	82 50
22867	do.	E. W. Justus.....	do.	108 00
22868	do.	Margaret Jones.....	do.	43 20
22869	do.	James Irvine.....	do.	56 00
22870	do.	Frank Irvine.....	do.	65 80
22871	do.	Jacob Nikolaus.....	do.	62 00
22872	do.	J. R. Newton.....	do.	80 04
22873	do.	Ruthe Murphey.....	do.	58 32
22874	do.	Rebecca Morgan.....	do.	43 20
22875	do.	A. U. Moran.....	do.	61 60
22876	do.	C. P. Moore.....	do.	54 00
22877	do.	C. M. Miller.....	do.	54 60
22878	do.	Dan Meneely.....	do.	65 78
22879	do.	O. E. Meenach.....	do.	52 20
22880	do.	H. H. Mahorney.....	do.	61 60
22881	do.	Frank Stateler.....	do.	74 76
22882	do.	John Snyder.....	do.	53 20
22883	do.	Ross Hutton.....	do.	60 00
22884	do.	W. G. Hixon.....	do.	50 54
22885	do.	Chas. Hill.....	do.	97 20
22886	do.	T. O. Henderson.....	do.	106 05
22887	do.	T. F. Harper.....	do.	50 80
22888	do.	Edward Hargan.....	do.	60 60
22889	do.	Samuel Hanson.....	do.	61 60
22890	do.	Sell Hamlin.....	do.	54 00
22891	do.	W. H. Graybeal.....	do.	62 40
22892	do.	C. Y. Freeman.....	do.	56 00
22893	do.	William Fogarty.....	do.	54 00
22894	do.	Frank Fogarty.....	do.	52 00
22895	do.	J. J. Fiscus.....	do.	59 20
22896	do.	Jas. McCullough.....	do.	57 40
22897	do.	Frances McClughen.....	do.	43 20
22898	do.	A. J. McAlister.....	do.	72 22
22899	do.	Thos. Long.....	do.	75 00
22900	do.	A. C. Litton.....	do.	54 60

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
22901	June 30, 1913.	E. C. Lewis.....	Wages, June, 1913.....	\$ 68 80
22902	do.....	F. Crathorne.....	do.....	78 60
22903	do.....	John Ceduskey.....	do.....	75 20
22904	do.....	D. M. Bullock.....	do.....	58 40
22905	do.....	Harry Brown.....	do.....	50 00
22906	do.....	Basil Brown.....	do.....	69 69
22907	do.....	V. R. Barnes.....	do.....	95 20
22908	do.....	J. E. Bailey.....	do.....	57 60
22909	do.....	W. M. Atwell.....	do.....	55 20
22910	do.....	C. E. Arrington.....	do.....	62 00
22911	do.....	Wesley Wilson.....	do.....	88 60
22912	do.....	H. L. Thomson.....	do.....	83 40
22913	do.....	C. A. Sturbaugh.....	do.....	53 00
22914	do.....	L. M. Stearns.....	do.....	42 00
22915	do.....	T. B. Snyder.....	do.....	44 20
22916	do.....	Oval Shook.....	do.....	55 40
22917	do.....	Ben L. Reed.....	do.....	53 44
22918	do.....	Nick Peterson.....	do.....	54 40
22919	do.....	C. Q. Nelson.....	do.....	55 60
22920	do.....	B. F. English.....	do.....	55 00
22921	do.....	C. A. Dunseath.....	do.....	54 00
22922	do.....	Rolla S. Carson.....	do.....	60 20
22923	do.....	Cevilla Carothers.....	do.....	34 58
22924	do.....	M. Campbell.....	do.....	52 00
22925	do.....	G. W. Boyer.....	do.....	67 00
22926	do.....	M. C. Booker.....	do.....	68 40
22927	do.....	A. J. Booker.....	do.....	98 60
22928	do.....	U. G. May.....	do.....	54 20
22929	do.....	J. F. Long.....	do.....	68 80
22930	do.....	J. A. J. Klein.....	do.....	62 00
22931	do.....	C. C. Johnson.....	do.....	48 00
22932	do.....	P. S. Jeffers.....	do.....	48 40
22933	do.....	J. W. Hunter.....	do.....	56 00
22934	do.....	F. F. Hoover.....	do.....	57 00
22935	do.....	Clyde Hawkins.....	do.....	52 00
22936	do.....	G. C. Griffin.....	do.....	53 40
22937	do.....	V. S. Glenn.....	do.....	55 80
22938	do.....	T. F. Franklin.....	do.....	54 40
22939	do.....	Herman Redtruph.....	do.....	55 00
22940	do.....	Russell Ensor.....	do.....	57 60
22941	do.....	Louie Jender.....	do.....	70 84
22942	do.....	Thos. J. Fay.....	do.....	98 00
22943	do.....	E. P. Dibble.....	do.....	83 16
22944	do.....	Joseph Davis.....	do.....	69 00
22945	do.....	F. Cunningham.....	do.....	114 75
22946	do.....	W. H. Clark.....	do.....	96 80
22947	do.....	Mary M. Moss.....	do.....	26 00
22948	do.....	C. W. Warner.....	do.....	21 50
22949	do.....	Sybil Naege.....	do.....	30 00
22950	do.....	E. J. Wilford.....	do.....	51 00
22951	do.....	B. E. Reinel.....	do.....	12 00
22952	do.....	D. Venable.....	do.....	44 50
22953	do.....	E. H. Walworth.....	do.....	28 09
22954	do.....	K. A. McSkisill.....	do.....	26 10
22955	do.....	Max B. Higgins.....	do.....	46 00
22956	do.....	C. E. Mattoon.....	do.....	28 80
22957	do.....	George Smalley.....	do.....	111 00
22958	do.....	M. Kessler.....	do.....	172 90
22959	do.....	Edward Berbaum.....	do.....	50 00
22960	do.....	Bertus G. Staves.....	do.....	60 00
22961	do.....	J. M. Lindgren.....	do.....	125 00
22962	do.....	F. A. Ferris.....	do.....	71 50
22963	do.....	W. S. Goodspeed.....	do.....	85 33
22964	do.....	H. J. Hooker.....	do.....	54 68
22965	do.....	H. J. Vanderbeek.....	do.....	67 50
22966	do.....	Florence N. Nyberg.....	do.....	50 00
22967	do.....	S. L. Wallage.....	do.....	41 00
22968	do.....	G. W. Porter.....	do.....	40 00
22969	do.....	Daisy Searingen.....	do.....	50 00
22970	do.....	G. E. Wright.....	do.....	94 25
22971	do.....	Chas. Cundlock.....	do.....	81 60
22972	do.....	Marion E. Sparks.....	do.....	23 00
22973	do.....	J. E. Morgan.....	do.....	32 80
22974	do.....	C. M. Parratt.....	do.....	24 00
22975	do.....	Verna A. Manley.....	do.....	44 50
22976	do.....	Martin Sandwell.....	do.....	46 40
22977	do.....	J. H. Vandewater.....	do.....	96 80
22978	June 26	L. F. Lindsey.....	Dairy products furnished department of dairy husbandry.....	2 40

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
22979	June 26	W. F. Hampton.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 1 85
22980	do.....	R. A. Lumsden.....	do.....	1 37
22981	do.....	A. J. Putscher.....	do.....	1 30
22982	do.....	Mart Watterson.....	do.....	3 65
22983	do.....	J. H. Schwengel.....	do.....	4 52
22984	do.....	E. J. Percival.....	do.....	2 93
22985	do.....	P. P. Dunn.....	do.....	3 31
22986	do.....	R. S. McInness.....	do.....	2 42
22987	do.....	C. C. Gordon.....	do.....	3 37
22988	do.....	David Wilkin.....	do.....	2 61
22989	do.....	G. F. Diefenbach.....	do.....	2 60
22990	do.....	M. Hudson.....	do.....	3 28
22991	do.....	O. A. McInness.....	do.....	2 36
22992	do.....	E. F. Lyons.....	do.....	1 36
22993	do.....	I. H. Besore.....	do.....	2 43
22994	do.....	E. Grove.....	do.....	4 06
22995	do.....	Lou Creiger.....	do.....	3 80
22996	do.....	W. H. Webb.....	do.....	2 02
22997	do.....	J. F. Hoy.....	do.....	1 73
22998	do.....	H. C. Kaufman.....	do.....	3 25
22999	do.....	A. W. McJilton.....	do.....	4 09
23000	do.....	David Hahn.....	do.....	4 26
23001	do.....	A. G. Krukewitt.....	do.....	2 61
23002	do.....	W. L. Davis.....	do.....	5 16
23003	do.....	F. C. Stevenson.....	do.....	3 54
23004	do.....	H. F. Ridgeley.....	do.....	4 23
23005	do.....	W. J. Wilson.....	do.....	3 02
23006	do.....	P. J. Wagner.....	do.....	6 53
23007	do.....	T. H. Richardson.....	do.....	5 86
23008	do.....	Ed Heppe.....	do.....	3 92
23009	do.....	T. M. Ghere.....	do.....	4 58
23010	do.....	R. H. Brewer.....	do.....	2 87
23011	do.....	Z. Alsip.....	do.....	2 38
23012	do.....	E. P. Ott.....	do.....	2 87
23013	do.....	J. F. Hubbard.....	do.....	2 41
23014	do.....	J. H. Umbanhowar.....	do.....	4 90
23015	do.....	J. D. Perham.....	do.....	3 28
23016	do.....	E. R. Canady.....	do.....	5 16
23017	do.....	Wm. Case.....	do.....	3 51
23018	do.....	S. Lee.....	do.....	7 74
23019	do.....	C. M. Van Meter.....	do.....	3 40
23020	do.....	L. F. Bialeschski.....	do.....	3 20
23021	do.....	G. W. Van Meter.....	do.....	4 67
23022	do.....	F. H. Busey.....	do.....	5 68
23023	do.....	J. A. R. Koch.....	do.....	5 02
23024	do.....	J. M. Herriott.....	do.....	2 58
23025	do.....	Nicholas Hahn.....	do.....	7 54
23026	do.....	W. E. Yount.....	do.....	6 84
23027	do.....	J. B. Marsh.....	do.....	3 16
23028	do.....	G. H. Spencer.....	do.....	6 29
23029	do.....	W. D. Rohl.....	do.....	7 11
23030	do.....	Geo. Herriott.....	do.....	7 08
23031	do.....	Frank Knox.....	do.....	4 79
23032	do.....	Z. C. Keene.....	do.....	3 80
23033	do.....	C. C. Rayburn.....	do.....	1 94
23034	do.....	W. C. Gulick.....	do.....	3 77
23035	do.....	C. A. Fogel.....	do.....	3 60
23036	do.....	Pearl Hazen.....	do.....	2 79
23037	do.....	Wm. Herriott.....	do.....	4 96
23038	do.....	D. W. Shiveley.....	do.....	6 50
23039	do.....	S. Herriott.....	do.....	1 07
23040	do.....	L. P. Rayburn.....	do.....	3 65
23041	do.....	I. H. Gordon.....	do.....	3 97
23042	do.....	W. C. Welch.....	do.....	2 15
23043	do.....	Ethel V. Manley.....	Wages, June, 1913.....	55 00
23044	do.....	J. J. Herbert.....	do.....	68 60
23045	do.....	Nellie R. Roberts.....	do.....	12 40
23046	do.....	Myra Warner.....	do.....	76 00
23047	do.....	Horace Ingalls.....	do.....	60 00
23048	do.....	Ralph Morray.....	do.....	50 00
23049	do.....	Florence Stoutzenberg.....	do.....	50 00
23050	do.....	Alice L. Wing.....	do.....	75 00
23051	do.....	Mary Hubbard.....	do.....	60 00
23052	do.....	Hazel Y. Shaw.....	do.....	50 00
23053	do.....	Zellaette Troy.....	do.....	55 00
23054	do.....	Mrs. Marguerite Munn.....	do.....	25 00
23055	June 27	The Inner-Brace Chair Co.....	Chairs.....	6 16
23056	do.....	E. G. Mendenhall.....	Hardware.....	11 00



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
23057	June 30	Morrill & Morley Mfg. Co.	Hose supplies	\$ 4 97
23058	do	Olney Coal Co.	Coal	11 25
23059	do	Keystone View Co.	Slides	102 20
23060	do	A. J. Nystrom & Co.	Maps and charts	61 00
23061	do	The Carson-Payson Co., Contractors	Labor and supplies	174 34
23062	do	Eugene Dietzgen Co.	Apparatus	38 21
23063	do	Peck & Hills Furniture Co.	Table	19 50
23064	do	T. H. Flood & Co.	Books	10 80
23065	do	Bennett's Newspaper & Magazine Agency	Books	1 00
23066	do	Julius Kuhlman	do	4 25
23067	do	The Classical Assn. of the Atlantic States	do	5 00
23068	do	The Librarian, University of Toronto	Book	1 63
23069	do	Goodspeed's Book Shop	do	1 75
23070	do	Ackyrod & Best	Machine	45 00
23071	do	The Julia F. Burnham Hospital	Room and board	9 00
23072	do	J. T. Baker Chemical Co.	Refund	3 50
23073	do	Eastern Moline Plow Co.	Crusher	34 00
23074	do	W. F. Langelier	Expenses	51 23
23075	do	F. M. Leslie	Picture frames	60 10
23076	do	W. Lewis & Co.	Dry goods	6 27
23077	do	D. H. Lloyd	Office supplies	164 35
23078	do	Library Bureau	Guides and cards	38 95
23079	do	A. O. Magnuson	Photograph supplies	128 10
23080	do	Mittendorf & Kiler	Furniture	211 26
23081	do	The Miller Harness Co.	Repairs	8 20
23082	do	R. C. Wagner & Son	Labor	187 30
23083	do	W. C. Zimmerman	Services	987 69
23084	do	H. D. Oberdorfer	Expenses	12 14
23085	do	Bacon Bros	Paint, etc	18 40
23086	do	R. W. Braithwaite	Service and medicine	5 00
23087	do	Bausch & Lomb Optical Co.	Laboratory apparatus	57 22
23088	do	Theo. Altender & Sons	Bow pen	4 45
23089	do	Illinois State Reformatory	Printing	146 50
23090	do	A. L. A. Publishing Board	Supplies	9 05
23091	do	The Standard Calorimeter Co.	do	9 61
23092	do	University of Illinois Building Department	Labor	16 20
23093	do	Engineering Experiment Station	Stamps	10 00
23094	do	W. W. Lindley, Postmaster	do	153 00
23095	do	Kutz Stationery Co.	Supplies	28 60
23096	do	Department of animal husbandry	Pigs	2 00
23097	do	J. M. Lindgren	Analyses	32 50
23098	do	H. A. Hollister	Expenses	9 11
23099	do	The Warner Elevator Mfg. Co.	Waiter	778 90
23100	do	T. P. Lyons	Dairy products furnished department of dairy husbandry	4 18
23101	do	C. Allen	do	6 84
23102	do	Geo. Schiff	do	3 71
23103	do	Fred Thompson	do	3 54
23104	do	Ralph Smith	do	1 91
23105	do	John Godsell	do	3 74
23106	do	A. R. Grindoley	do	4 03
23107	do	C. Pittman	do	3 60
23108	do	Chas. Abbott	do	1 83
23109	do	Grant Freeman	do	3 34
23110	do	G. G. Cochran	do	5 10
23111	do	Andrew Shields	do	5 20
23112	do	F. Sheffer	do	5 34
23113	do	W. A. Ashworth	do	4 01
23114	do	J. A. Daeger	do	4 44
23115	do	T. F. Jordan	do	3 54
23116	do	C. Ross	do	1 86
23117	do	S. Aitchison	do	2 67
23118	do	J. H. Willsey	do	5 22
23119	June 30	Etta Anette Hensel	Wages, June, 1913	35 00
23120	do	Florence J. Curry	do	30 00
23121	do	J. C. Scharf	do	26 00
23122	do	Edith Jay	do	30 10
23123	do	F. C. Hare	do	24 40
23124	do	C. T. Iungerich	do	50 00
23125	do	C. C. Rand	do	18 00
23126	do	R. R. Danielson	do	25 00
23127	do	G. G. White	do	12 00
23128	do	E. R. Ellis	do	45 83
23129	do	Amos Wright	do	92 80
23130	do	A. Bevis	do	143 00
23131	June 28	The Torsion Balance Co.	Funnels	2 00
23132	do	U. & C. Gas & Electric Co.	Gas	10 90
23133	do	Twin City Feed Mill & Coal Yards	Grinding	8 56

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
23134	June 28	Franklin Valbert.	Halter leads.	\$ 2 95
23135	..do.	Vaughan's Seed Store.	Supplies.	6 50
23136	..do.	L. S. Baldwin.	Wages, June, 1913.	29 93
23137	..do.	C. M. McConn.	Expenses.	8 64
23138	..do.	Underwood Typewriter Co.	Machine.	71 75
23139	..do.	Ralph Hilscher.	Expenses.	15 99
23140	..do.	Morava Construction Co., Contractors.	Payment on contract.	3,500 00
23141	..do.	Western Kieley Steam Specialty Co.	Supplies.	18 85
23142	..do.	The Urbana Courier Co.	Printing.	16 00
23143	..do.	The W. S. Tyler Co.	Brass pans.	2 79
23144	..do.	H. H. Stoeck.	Expenses.	2 45
23145	..do.	The Taylor Hardware Co.	Supplies.	23 27
23146	..do.	Department of Chemistry.	..do.	83 43
23147	..do.	G. E. Stechert & Co.	Books.	148 76
23148	..do.	J. Terquem & Cie.	..do.	236 64
23149	..do.	J. C. Thomas.	Hardware.	6 75
23150	..do.	The University Press.	Printing.	4 25
23151	..do.	The U. of I. Supply Store.	Office supplies.	162 32
23152	..do.	Illinois Traction System, Urbana.	Freight.	6 70
23153	..do.	The Wabash R. R., Urbana.	..do.	16 17
23154	..do.	C. C., C. & St. L. Ry. Co., Urbana.	..do.	40 09
23155	June 30	John Sexton & Co.	Groceries.	38 62
23156	..do.	Mrs. Princess Dunn.	Eggs.	1 25
23157	..do.	Buchan Sales Co.	Loose leaf binders.	1 76
23158	..do.	Geo. E. Amsbary Co.	Supplies.	259 50
23159	..do.	Armour & Co.	Extract of beef.	3 50
23160	..do.	Twin City Printing Co.	Card indexes.	2 00
23161	..do.	L. M. Wakeley.	Expenses.	5 89
23162	..do.	C. Loveridge.	..do.	18 51
23163	..do.	Cornelius Stocker.	..do.	14 90
23164	..do.	F. A. Pearson.	..do.	40 68
23165	..do.	A. L. Moats.	..do.	19 00
23166	..do.	A. F. Krueger.	..do.	9 46
23167	..do.	R. E. Brand.	..do.	25 47
23168	..do.	W. T. Crandall.	..do.	11 10
23169	..do.	G. M. Hinkley.	..do.	19 58
23170	..do.	Harrison Fahrnkopf.	..do.	32 98
23171	..do.	R. W. Dickenson.	..do.	27 75
23172	..do.	C. A. Campbell.	..do.	40 48
23173	..do.	F. W. Wascher.	..do.	52 60
23174	..do.	F. A. Fisher.	..do.	71 20
23175	..do.	Imperial Cotto Milling Co.	Cottonseed meal.	119 02
23176	..do.	Eastern Moline Plow Co.	Implements.	23 00
23177	..do.	Tuttle & Clark.	Electric shield.	18 00
23178	..do.	Farrar & Quinlan.	Seeds.	3 84
23179	..do.	Williams Bros.	Supplies.	13 70
23180	..do.	W. W. Walls & Co.	Lumber.	8 40
23181	..do.	Garlock Packing Co.	Packing.	12 94
23182	..do.	Denver Fire Clay Co.	Supplies.	137 60
23183	..do.	Twin City Electric Co.	Extension cord.	1 65
23184	..do.	Whitall Tatum Co.	Supplies.	70 70
23185	..do.	W. F. M. Goss.	Expenses.	277 58
23186	..do.	Howard & Morse.	Sieve.	3 95
23187	..do.	R. E. Zombro.	Rental.	4 00
23188	..do.	Western Carbon & Ribbon Co.	Paper.	1 00
23189	..do.	Albert Wuestman.	Clock.	10 00
23190	..do.	John W. Lloyd.	Expenses.	6 01
23191	..do.	A. W. Nolan.	..do.	2 00
23192	..do.	G. L. Peltier.	..do.	1 21
23193	..do.	Thomas Stone.	Use of horse.	3 20
23194	..do.	Paisley & Shively.	Storage.	67 50
23195	..do.	Armour Fertilizer Works.	Fertilizer.	9 35
23196	..do.	The MacMillan Co.	Book.	1 99
23197	..do.	Bean Spray Pump Co.	Supplies.	1 24
23198	..do.	Dr. Edgar J. Banks.	Tablets.	50 00
23199	..do.	Ward's Natural Science Establishment.	Models and casts.	119 50
23200	..do.	Rand McNally & Co.	Maps.	144 00
23201	..do.	Crescent Paper Co.	Supplies.	76 46
23202	..do.	R. R. Donnelley & Sons Co.	Printing.	854 65
23203	..do.	The Cleveland Seating Co.	Chairs.	32 40
23204	..do.	C. W. Bardeen.	Books.	25 60
23205	..do.	Americus Book Co.	..do.	6 35
23206	..do.	Carbondale Printing Co.	Printing.	130 00
23207	..do.	S. O. Andros.	Expenses.	9 92
23208	..do.	J. & C. Baszanger.	Stones.	102 38
23209	..do.	Engineering Magazine.	Subscription.	3 00
23210	..do.	Chalmers & Williams.	Equipment.	160 00
23211	..do.	Ingersoll-Rand Co.	Supplies.	59 09
23212	..do.	Hendrick Mfg. Co.	Steel.	7 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
23213	June 30	C. V. Ritter.....	Book.....	\$ 15 00
23214	do.....	W. W. Walls & Co.....	Lumber.....	25 39
23215	do.....	Ernst Hertzberg & Sons.....	Bookbinding.....	39 43
23216	do.....	Shaw-Walker Co.....	Furniture.....	70 90
23217	do.....	Walker & Mulliken.....	do.....	66 32
23218	do.....	W. M. Welch Co.....	Office supplies.....	39 38
23219	do.....	A. F. Gustafson.....	Expenses.....	42 06
23220	do.....	Woldenberg & Schaar.....	Laboratory supplies.....	163 77
23221	do.....	G. C. Willis.....	Dry goods.....	11 41
23222	do.....	C. H. Stoelting Co.....	Supplies.....	63 70
23223	do.....	Swartz Electric Shop.....	do.....	8 95
23224	do.....	Frison Carriage Shop.....	Wheel.....	12 00
23225	do.....	C. M. Pfeister.....	Dairy products furnished depart- ment of dairy husbandry.....	4 32
23226	do.....	J. M. Stickrod.....	do.....	7 09
23227	do.....	Lou Creiger.....	do.....	2 32
23228	do.....	J. E. Henderson.....	do.....	1 94
23229	do.....	H. I. Nelson.....	do.....	1 66
23230	do.....	W. T. Hampton.....	do.....	1 03
23231	do.....	I. H. Besore.....	do.....	1 77
23232	do.....	J. H. Schwengel.....	do.....	3 60
23233	do.....	Geo. Taylor.....	do.....	1 77
23234	do.....	E. Grove.....	do.....	2 67
23235	do.....	Mart Watterson.....	do.....	1 64
23236	do.....	O. W. Hampton.....	do.....	1 43
23237	do.....	O. A. McInness.....	do.....	1 00
23238	do.....	J. F. Hoy.....	do.....	2 28
23239	do.....	C. C. Gordon.....	do.....	2 80
23240	do.....	R. S. McInness.....	do.....	1 24
23241	do.....	H. Wascher.....	do.....	2 87
23242	do.....	H. C. Kaufman.....	do.....	1 87
23243	do.....	David Wilkin.....	do.....	2 06
23244	do.....	G. F. Diefenbach.....	do.....	1 38
23245	do.....	M. Hudson.....	do.....	2 78
23246	do.....	W. H. Webb.....	do.....	1 09
23247	do.....	A. J. Putscher.....	do.....	1 15
23248	do.....	J. F. Hubbard.....	do.....	2 84
23249	do.....	G. W. Van Meter.....	do.....	4 91
23250	do.....	James Freeman.....	do.....	4 12
23251	do.....	W. E. Womacks.....	do.....	1 97
23252	do.....	E. R. Canady.....	do.....	5 28
23253	do.....	Van Carter.....	do.....	4 64
23254	do.....	H. H. Krukewitt.....	do.....	4 61
23255	do.....	E. M. Frankenber.....	do.....	1 77
23256	do.....	C. A. Fogel.....	do.....	3 05
23257	do.....	Fred Krukewitt.....	do.....	3 65
23258	do.....	M. Leigh.....	do.....	6 61
23259	do.....	T. M. Clayton.....	do.....	2 35
23260	do.....	J. A. R. Koch.....	do.....	3 54
23261	do.....	W. J. Willson.....	do.....	3 65
23262	do.....	J. R. Ridgeley.....	do.....	2 70
23263	do.....	O. F. Gulick.....	do.....	2 29
23264	do.....	Len Rayburn.....	do.....	4 29
23265	do.....	Wm. Van Buskirk.....	do.....	3 57
23266	do.....	Geo. Herriott.....	do.....	4 87
23267	do.....	Z. C. Keene.....	do.....	4 09
23268	do.....	J. M. Herriott.....	do.....	1 80
23269	do.....	John Rueb.....	do.....	3 54
23270	do.....	James Fisher.....	do.....	3 37
23271	do.....	F. H. Busey.....	do.....	4 29
23272	do.....	D. B. White.....	do.....	3 48
23273	do.....	C. Wilson.....	do.....	3 80
23274	do.....	J. H. Rutan.....	do.....	3 05
23275	do.....	Frank Hetro.....	do.....	4 12
23276	do.....	W. E. Hoyer.....	do.....	4 07
23277	do.....	J. H. Pittman.....	do.....	1 51
23278	do.....	C. M. Reed.....	do.....	3 54
23279	do.....	E. W. Morrison.....	do.....	1 86
23280	do.....	C. J. Gillespie.....	do.....	4 18
23281	do.....	I. H. Gordon.....	do.....	3 16
23282	do.....	W. C. Welch.....	do.....	3 59
23283	do.....	I. W. Maxwell.....	do.....	3 25
23284	do.....	H. W. Mumford.....	Expenses.....	8 39
23285	do.....	Champaign Seed Co.....	Feed.....	2 75
23286	do.....	John Sexton & Co.....	Canned goods.....	10 60
23287	do.....	Twin City Roofing & Sheet Metal Works.....	Labor and supplies.....	40 43
23288	do.....	Arthur H. Thomas Co.....	do.....	10 00
23289	do.....	Metzler & Schaefer Co.....	Lye.....	3 60
23290	do.....	Watson Faulkner.....	Supplies.....	3 25

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
23291	June 30	R. E. Brand	Expenses	\$ 7 46
23292	do.	H. A. Harding	do	45 93
23293	do.	S. V. Holt	do	119 56
23294	do.	F. L. Hale	do	7 12
23295	do.	Geo. W. Medley	do	27 85
23296	do.	Bacon Bros.	Repairs	45 75
23297	do.	Frison Carriage Shop	Supplies	1 00
23298	do.	Friend Mfg. Co.	do	6 48
23299	do.	Benedict Wrench Co.	Chain wrench	1 80
23300	do.	James B. Clow & Sons	Supplies	2 63
23301	do.	Western Electric Co.	do	3 45
23302	do.	James H. Rice Co.	Glass	5 81
23303	do.	The Carl Bajohr L. C. Co.	Supplies	2 30
23304	do.	McMaster Carr Supply Co.	Valve	25 00
23305	do.	W. F. Hardy	Gear	65 00
23306	do.	Chas. A. Strelinger Co.	Supplies	1 96
23307	do.	The Inner Brace Chair Co.	Chairs	28 80
23308	do.	Central Scientific Co.	Supplies	3 92
23309	do.	Chas. H. Besly & Co.	do	49 60
23310	do.	Keasbey & Mattison Co.	Asbestos board	3 60
23311	do.	C. W. Johnson	Megaphone	2 25
23312	do.	General Electric Co.	Supplies	4 00
23313	do.	C. A. Denman	Repairs	3 70
23314	do.	P. Adams	Drayage	31 87
23315	do.	Green Street Pharmacy	Supplies	4 00
23316	do.	Peck & Hills Furniture Co.	Desk	20 00
23317	do.	Smith & Co.	Storage	16 00
23318	do.	Mittendorf & Kiler	Linoleum	56 53
23319	do.	Harry Ferguson	Expenses	19 86
23320	do.	A. C. McClurg & Co.	Paper	212 95
23321	do.	B. E. Powell	Expenses	9 73
23322	do.	A. J. Gunderson	do	47 30
23323	do.	E. T. Benjamin	Horse shoeing	7 25
23324	do.	Underwood Typewriter Co.	Supplies	1 20
23325	do.	O. E. Shobe & Co.	Livery	2 00
23326	do.	Sears, Roebuck & Co.	Car movers	6 50
23327	do.	Automatic Electric Co.	Supplies	27 50
23328	do.	Driver-Harris Wire Co.	do	3 94
23329	do.	Jones & Laughlin Steel Co.	Steel	2 51
23330	do.	E. C. Schmidt	Expenses	9 40
23331	do.	J. B. Park	do	14 55
23332	do.	The Arthur H. Clark Co.	Book	4 00
23333	do.	Alexander H. Revell & Co.	Repairs to rug	15 00
23334	do.	McGraw Hill Book Co.	Book	3 40
23335	do.	Flanigan-Pearson Co.	Printing	102 30
23336	do.	D. H. Lloyd	Office supplies	48 91
23337	do.	Flat Iron Store Co.	Dry goods	3 05
23338	do.	C. A. Hall Hardware Co.	Supplies	62 50
23339	do.	Stipes & Hecker	Building material	28 50
23340	do.	Leavitt Mfg. Co.	Hardware	133 59
23341	do.	Derrough & Co.	do	9 15
23342	do.	The Taylor Hardware Co.	Supplies	58 47
23343	do.	The Saffell Co.	Hardware	57 60
23344	do.	B. A. Strauch	Photo supplies	35 22
23345	do.	F. K. Robeson	Dry goods	201 16
23346	do.	R. C. Wagner & Son	Labor	10 50
23347	do.	Chas. F. Witt	Harness and repairs	19 05
23348	do.	The U. of I. Supply Store	Office supplies	31 93
23349	do.	Fuller & Fuller Co.	Drugs	41 75
23350	do.	Eisner Grocery Co.	Groceries	27 70
23351	do.	R. W. Braithwaite	Services and medicine	8 50
23352	do.	General Electric Co.	Supplies	168 81
23353	do.	Williams Bros.	Labor and supplies	4 35
23354	do.	S. E. Huff & Co.	Lumber	69 55
23355	do.	Reliable Plumbing & Heating Co.	Supplies	114 63
23356	do.	John O. Smith	Watches and clock	33 00
23357	do.	Standard Cap & Seal Co.	Supplies and rental	49 00
23358	do.	Percival & Moorehead	Supplies	6 85
23359	do.	E. H. Sargent & Co.	Chemicals	67 95
23360	do.	Miller Harness Co.	Supplies	4 30
23361	do.	William Trelease	Expenses	70 00
23362	do.	Remington Typewriter Co.	Typewriter	60 00
23363	do.	C. A. Strelinger Co.	Machinery	16 90
23364	do.	Martinus Nijhoff	Books	31 17
23365	do.	Lemcke & Buechner	do	24 64
23366	do.	J. W. Butler Paper Co.	Supplies	22 05
23367	do.	John H. Doyle	Hardware	23 12
23368	do.	Knowlton & Bennett	Supplies	9 45
23369	do.	Crane Co.	do	90 18

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
23370	June 30	A. O. Magnuson	Photograph supplies, etc.	\$122 88
23371	do	Central Electric Co.	Supplies.	44 57
23372	do	The Burr Co.	Hardware.	51 85
23373	do	Paul Gottschalk	Books.	256 85
23374	do	Big Four R. R. Co.	Freight.	4 73
23375	do	Champaign Steam Laundry	Laundry.	128 68
23376	do	F. K. Robeson	Towels and brooms	1 10
23377	do	Tuttle & Clark	Boots	4 99
23378	do	Stipes and Hecker	Sand and gravel.	25 50
23379	do	Phoenix Nursery Co.	Trees	14 00
23380	do	R. W. Braithwaite, V. S.	Veterinary medicine and surgery.	9 90
23381	do	Eisner Grocery Co.	Vegetables.	52 85
23382	do	Southern Illinois Penitentiary	Limestone dust.	40 00
23383	do	T. L. Harrington	Hose.	7 00
23384	do	The Pitometer Co.	Photo recorder.	300 00
23385	do	Carl Bajohr L. C. Co.	Cable and vane	110 95
23386	do	Illinois State Penitentiary	Brooms	3 25
23387	do	C. A. Atwood	Wages, June, 1913	2 40
23388	do	Weston Electrical Instrument Co.	Voltmeters	170 00
23389	do	Central Electric Co.	Cleats and heads.	23 00
23390	do	L. C. Smith & Bros. Typewriter Co.	Platen roll.	2 50
23391	do	Central Scientific Co.	Stoppers.	1 73
23392	do	Leeds & Northrup Co.	Suspensions.	4 16
23393	do	J. W. Butler Paper Co.	Writing paper.	3 83
23394	do	D. G. Thompson	Maps.	3 42
23395	do	Library Bureau	Paper and cards.	5 74
23396	do	Library of Congress	Deposit.	45 00
23397	do	General Electric Co.	Desk fan.	15 58
23398	do	G. C. Willis	Cloth.	2 50
23399	do	J. A. Ritter	Wagon.	78 00
23400	do	C. C. Short	Shoeing.	2 00
23401	do	J. A. Pierce	Repairs	1 60
23402	do	Taylor Hardware Co.	Door check	3 75
23403	do	Kentucky Product Co.	Tobacco.	10 50
23404	do	Lucille Needham	Wages, June, 1913	47 10
23405	do	Ludwig Moller	Subscription.	3 03
23406	do	Friend Mfg. Co.	Supplies.	2 94
23407	do	General Electric Co.	Desk fans	61 00
23408	do	William Sellers & Co.	Expenses	51 10
23409	do	F. H. Whittum	Wages, June, 1913	85 00
23410	do	Ludlow Valve Mfg. Co.	Valves.	17 40
23411	do	Watson Stillman Co.	Packings.	25 40
23412	do	R. C. Wagner & Sons	Hauling.	52 90
23413	do	Schaefer & Budenberg Mfg. Co.	Gauges.	44 40
23414	do	Geo. Meyer, Jr.	Wages, June, 1913	43 75
23415	do	Jas. A. Wilson	do.	43 75
23416	do	A. H. Aagaard	do.	42 50
23417	do	Geo. Harding	Books.	111 05
23418	do	Dulau & Co.	do.	12 40
23419	do	Hume & Walker	do.	10 35
23420	do	Leon Lhomme	do.	354 15
23421	do	Franz Deuticke	do.	102 70
23422	do	P. M. Barnard	do.	64 32
23423	do	E. Bolleter	do.	44 17
23424	do	J. J. Lenther	do.	7 42
23425	do	Fernando Fe	do.	66 32
23426	do	Friends Reference Library	do.	1 72
23427	do	Bernard Quaritch	do.	13 65
23428	do	Luzac & Co.	do.	78 03
23429	do	Dulau & Co.	do.	7 50
23430	do	Geo. Harding	do.	9 18
23431	do	Bernh. Liebisch	do.	4 06
23432	do	Arthur Reader	do.	31 59
23433	do	Leavitt Mfg. Co.	Devices	20 00
23434	do	E. J. Welch	Plastering.	31 95
23435	do	G. W. Porter	Wages, June, 1913	20 00
23436	do	S. T. Wallage	do.	16 00
23437	do	Grace Mitchell	do.	15 80
23438	do	Carrie A. Lee	do.	14 90
23439	do	Ina V. Meredith	do.	19 30
23440	do	Bernh. Liebisch	Books.	277 36
23441	do	Louis F. Nafis	Bottles	7 20
23442	do	Allen Filter Co.	Cooler	28 50
23443	do	Jesse Jones Paper Box Co.	Boxes.	7 50
23444	do	W. E. Buchanan	Screens	35 90
23445	do	O. E. Staples, Bursar	Students' payroll	337 06
23446	do	Creamery Package Mfg. Co.	Supplies.	52 47
23447	do	Stover Mfg. Co.	Burrs	9 45
23448	do	B. Riley Hawk Supply Co.	Supplies.	4 37

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1913.				
23449	June 30	Lansing Co.	Trucks, etc.	\$ 14 70
23450	do	The Bauer Bros. Co.	Power mill.	59 75
23451	do	Swartz Electric Shop.	Wiring.	415 40
23452	do	Union Iron Works.	Mill sheller.	60 00
23453	do	Illinois Commercial Apple Growers Assn.	Hose.	6 34
23454	do	Fruit Growers Saw Co.	Saws.	6 60
23455	do	American Guernsey Club.	Applications.	20 00
23456	do	Spring Bros.	Seeds.	52 34
23457	do	Olney Milling Co.	Feed, etc.	32 60
23458	do	Zenner Disinfectant Co.	Zenoleum.	12 50
23459	do	Alex Harmon & Son.	Blacksmithing.	15 00
23460	do	Nordyke & Marmon Co.	Repairs and supplies.	37 81
23461	do	L. C. Smith & Bros. Typewriter Co.	Typewriter.	70 00
23462	do	A. O. Magnuson.	Photo supplies.	3 40
23463	do	Russell & Erwin Mfg. Co.	Key blanks.	5 14
23464	do	James B. Clow & Sons.	Conduit pipe.	2 80
23465	do	F. K. Robeson.	Supplies.	13 58
23466	do	Urbana & Champaign Railway, Gas & Electric Co.	Range.	18 00
23467	do	Shaw-Walker Co.	Supplies.	58 00
23468	do	The Letter Shop.	Mimeographing.	1 40
23469	do	A. L. A. Publishing Board.	Documents.	4 05
23470	do	Twin City Printing Co.	Printing.	60 00
23471	do	Illinois State Reformatory.	do.	412 25
23472	do	E. Faber.	Pencils.	2 09
23473	do	Whitall-Tatum Co.	Chemicals.	42 74
23474	do	Carson-Payson Co.	Plumbing.	322 21
23475	do	E. G. Mendenhall.	Hardware.	5 40
23476	do	McLean Lumber Co.	Lumber.	41 56
23477	do	G. A. Hosmer Co.	Floor wax.	17 85
23478	do	The Scott Paper Co.	Towels.	11 85
23479	do	Underwood Typewriter Co.	Supplies.	36 00
23480	do	Illinois Traction System.	do.	1,496 08
23481	do	Pickering & Chatto.	Books.	1 47
23482	do	Flanigan-Pearson Co.	Printing.	214 64
23483	do	G. Rapply.	Books.	31 10
23484	do	Geo. E. Warner.	do.	9 58
23485	do	Henry Sotheran & Co.	do.	9 93
23486	do	New York Times Index.	Subscription.	8 00
23487	do	The Literary Digest.	do.	2 00
23488	do	The Torch Press.	Book.	23 90
23489	do	University of Chicago Press.	Packing and freight.	2 02
23490	do	H. L. Baldwin Publishing Co.	Book.	1 65
23491	do	J. H. Palmenberg's Sons.	Stands.	6 75
23492	do	Federal Steel Fixture Co.	Shelving.	15 00
23493	do	Keuffel & Esser Co.	Instruments.	14 89
23494	do	Reliable Plumbing & Heating Co.	Water motor.	78 66
23495	do	B. A. Strauch.	Photo supplies.	2 25
23496	do	Chas. F. Witt.	Harness.	10 30
23497	do	Freeman & Brooks.	Payment on contract.	2,609 95
23498	do	W. F. Hardy.	Implements.	14 25
23499	do	Louden Machinery Co.	Tools.	128 09
23500	do	L. C. Smith & Bros. Typewriter Co.	Rentals.	10 00
23501	do	E. H. Sargent & Co.	Laboratory supplies.	71 77
23502	do	Arthur H. Clark Co.	Books.	3 42
23503	do	Boston Book Co.	do.	4 79
23504	do	A. C. McClurg & Co.	Books.	38 81
23505	do	Reliable Plumbing & Heating Co.	Plumbing supplies.	21 10
23506	do	R. C. Wagner & Son.	Hauling.	402 85
23507	do	D. H. Lolyde.	Office supplies.	48 39
23508	do	Ernst Hertzberg & Sons.	Bookbinding.	74 50
23509	do	G. W. Sheldon & Co.	Duties.	78 90
23510	do	G. E. Stechert & Co.	Books.	351 27
23511	do	Illinois State Reformatory.	Printing.	617 50
23512	do	Mittendorf & Kiler.	Furniture.	70 88
23513	do	The U. of I. Supply Store.	Office supplies.	76 37
23514	do	S. E. Huff & Co.	Lumber.	179 20
23515	do	Flanigan-Pearson Co.	Printing.	156 00
23516	do	Library of Congress.	Deposit.	200 00
23517	do	E. J. Gillieron.	Books.	130 03
23518	do	Otto Harrassowitz.	do.	165 66
23519	do	Chas. A. Hall Hardware Co.	Hardware.	46 19
23520	do	The Burr Co.	Iron work.	113 68
23521	do	W. W. Walls & Co.	Lumber.	39 01
23522	do	A. O. Magnuson.	Blue printing.	20 40
23523	do	S. E. Dillavou & Co.	Hardware.	178 51
23524	do	Barnhart Bros.	do.	2 80
23525	do	John H. Doyle.	do.	19 25
23526	do	Miller Harness Co.	Harness supplies.	1 75

GENERAL UNIVERSITY WARRANTS—*Concluded.*

No.	Date.	To whom.	For what.	Amount.
	1913.			
23527	June 30	The Saffell Co. ....	Hardware. ....	\$ 26 09
23528	do.	Wabash R. R. Co. ....	Freight. ....	61 64
23529	do.	R. W. Graham. ....	Dairy products furnished depart- ment of dairy husbandry. ....	3 00
23530	do.	C. W. York. ....	do. ....	4 26
23531	do.	John McCullough. ....	do. ....	16 63
23532	do.	J. M. Smith. ....	do. ....	21 70
23533	do.	G. C. Gordon. ....	do. ....	15 61
23534	do.	John Weiss. ....	do. ....	39 25
23535	do.	Cora Stackner. ....	do. ....	5 14
23536	do.	J. W. Cavanaugh. ....	do. ....	3 44
23537	do.	C. M. Pfeister. ....	do. ....	4 70
23538	do.	W. H. Frame. ....	do. ....	3 72
23539	do.	Geo. Schiff. ....	do. ....	4 23
23540	do.	A. G. Guard. ....	do. ....	1 51
23541	do.	G. M. Seeber. ....	do. ....	9 02
23542	do.	O. A. Foster. ....	do. ....	2 88
23543	do.	J. J. Cender. ....	do. ....	4 58
23544	do.	T. M. Guym. ....	do. ....	4 45
23545	do.	C. Ross. ....	do. ....	3 36
23546	do.	T. F. Jordan. ....	do. ....	5 68
23547	do.	C. J. Gillespie. ....	do. ....	7 14
23548	do.	B. Jordan. ....	do. ....	2 74
23549	do.	A. Kroner. ....	do. ....	4 45
23550	do.	I. T. Webb. ....	do. ....	3 95
23551	do.	D. W. Shiveley. ....	do. ....	5 99
23552	do.	E. P. Ott. ....	do. ....	3 50
23553	do.	C. E. Burk. ....	do. ....	1 40
23554	do.	C. M. Reed. ....	do. ....	3 56
23555	do.	H. Cherry. ....	do. ....	3 44
23556	do.	John Rueb. ....	do. ....	2 38
23557	do.	Frank Knox. ....	do. ....	5 18
23558	do.	A. J. Wright. ....	do. ....	1 54
23559	do.	B. F. Thomas, Jr. ....	do. ....	3 56
23560	do.	D. O. McMorris. ....	do. ....	1 93
23561	do.	S. T. Carter. ....	do. ....	3 64
23562	do.	M. Cherry. ....	do. ....	3 30
23563	do.	E. J. Miller. ....	do. ....	3 75
23564	do.	H. F. Ridgeley. ....	do. ....	4 00
23565	do.	W. J. Robeson. ....	do. ....	4 23
23566	do.	J. M. Willsey. ....	do. ....	4 34
23567	do.	Chivers Bookbinding Co. ....	Books. ....	12 10
23568	do.	A. C. McClurg & Co. ....	do. ....	108 53
23569	do.	O. E. Staples, Bursar. ....	General labor payroll. ....	269 04
23570	do.	O. E. Staples, Bursar. ....	Sundry bills paid. ....	83 66
23571	do.	O. E. Staples, Bursar. ....	Express bills paid. ....	63 40
23572	do.	O. E. Staples, Bursar. ....	do. ....	45 31
23573	do.	W. W. Lindley, Postmaster. ....	Postage. ....	420 84
23574	do.	H. H. Shufeldt & Co. ....	Alcohol. ....	110 95
23575	do.	C. R. Nickolls. ....	Wages, June, 1913. ....	49 20

## AGRICULTURAL EXPERIMENT STATION WARRANTS

	1912.			
1	July 24	J. H. Matlack. ....	Guinea pigs. ....	\$ 15 00
2	do.	Stafford Engraving Co. ....	Half tones. ....	9 60
3	July 26	A. D. Emmett. ....	Salary, July, 1912. ....	166 66
4	do.	Sleeter Bull. ....	do. ....	91 66
5	do.	H. S. Grindley. ....	do. ....	150 00
6	do.	Thomas Bregger. ....	do. ....	83 33
7	do.	H. L. Rietz. ....	do. ....	91 66
8	do.	J. M. Barnhart. ....	do. ....	116 66
9	do.	Anna C. Glover. ....	do. ....	90 00
10	do.	S. W. Shattuck. ....	do. ....	16 66
11	do.	J. T. Barrett. ....	do. ....	75 00
12	do.	Gertrude Keech. ....	do. ....	25 00
13	do.	T. J. Burrill. ....	do. ....	91 66
14	do.	H. I. Hannah. ....	Wages, July, 1912. ....	27 12
15	do.	L. H. Davis. ....	do. ....	10 65
16	do.	G. L. Rigg. ....	do. ....	13 87
17	do.	Zella M. Andrews. ....	do. ....	60 00
18	do.	C. I. Newlin. ....	do. ....	65 58
19	do.	A. A. Odell. ....	do. ....	47 13
20	do.	Thomas Eddy. ....	do. ....	47 50
21	do.	E. L. Ross. ....	do. ....	79 00
22	do.	L. E. Williamson. ....	do. ....	45 00

## AGRICULTURAL EXPERIMENT STATION WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1913.				
23	July 23	J. T. Barrett.....	Expenses.....	\$ 15 18
24	do.	W. M. Welty.....	Wages, July, 1912.....	58 75
25	do.	U. of I. Supply Store.....	Office supplies.....	6 36
26	do.	O. E. Staples, Chief Clerk.....	Sundry bills paid.....	52 48
27	Aug. 9	Pantagraph Printing & Stationery Co.....	Reprints.....	50 14
28	Aug. 15	E. H. Sargent & Co.....	Nitrate.....	4 50
29	do.	Illinois State Reformatory.....	Printing.....	113 00
30	Aug. 31	Thomas Bregger.....	Salary, August, 1912.....	83 37
31	do.	A. D. Emmett.....	do.....	166 74
32	do.	H. S. Grindley.....	do.....	150 00
33	do.	J. M. Barnhart.....	do.....	116 74
34	do.	H. L. Rietz.....	do.....	91 74
35	do.	Anna C. Glover.....	do.....	90 00
36	do.	S. W. Shattuck.....	do.....	16 74
37	do.	J. T. Barrett.....	do.....	75 00
38	do.	T. J. Burrill.....	do.....	91 74
39	do.	Gertrude Keech.....	do.....	25 00
40	do.	Thomas Eddy.....	Wages, August, 1912.....	47 50
41	do.	W. M. Welty.....	do.....	65 37
42	do.	L. E. Williamson.....	do.....	45 00
43	do.	G. L. Riggs.....	do.....	10 45
44	do.	A. A. Odell.....	do.....	64 35
45	do.	L. H. Davis.....	do.....	17 40
46	do.	H. I. Hannah.....	do.....	28 24
47	do.	Bausch & Lomb Optical Co.....	Supplies.....	11 25
48	do.	Remington Typewriter Co.....	Inspection.....	10 00
49	do.	Addressograph Co.....	Tab. ....	5 00
50	Sept. 4	E. M. R. Lamkey.....	Wages, July 12 and August 12, 1912.....	50 00
51	Sept. 6	Remington Typewriter Co.....	Repairing.....	1 00
52	do.	The U. of I. Supply Store.....	Ruling pen.....	1 58
53	do.	H. P. Stinespring.....	Hay.....	17 25
54	Sept. 21	Addressograph Co.....	Addresses.....	114 24
55	Sept. 30	H. L. Rietz.....	Salary, September, 1912.....	91 66
56	do.	W. E. Joseph.....	do.....	125 00
57	do.	A. D. Emmett.....	do.....	166 66
58	do.	Sleeter Bull.....	do.....	116 66
59	do.	Thomas Bregger.....	do.....	100 00
60	do.	E. W. Bailey.....	do.....	150 00
61	do.	A. A. Odell.....	Wages, September, 1912.....	65 65
62	do.	H. I. Hannah.....	do.....	49 84
63	do.	L. H. Davis.....	do.....	27 10
64	do.	L. E. Williamson.....	do.....	45 00
65	do.	Gertrude Keech.....	Salary, September, 1912.....	30 00
66	do.	Anna C. Glover.....	do.....	90 00
67	do.	J. T. Barrett.....	do.....	75 00
68	do.	J. M. Barnhart.....	do.....	133 33
69	do.	O. E. Staples, Chief Clerk.....	Sundry bills.....	27 76
70	do.	Elmer Roberts.....	Wages, September, 1912.....	25 00
71	Oct. 16	O. E. Staples, Chief Clerk.....	Sundry bills.....	52 39
72	Oct. 22	Remington Typewriter Co.....	Ribbons.....	6 24
73	do.	P. F. Pettibone & Co.....	Envelopes.....	5 00
74	do.	Burroughs Adding Machine Co.....	Repairs.....	1 50
75	do.	J. W. Butler Paper Co.....	Paper.....	9 33
76	do.	R. C. Wagner & Sons.....	Hay.....	118 84
77	do.	Flanigan-Pearson Co.....	Binder.....	11 00
78	do.	S. E. Huff & Co.....	Lumber.....	17 25
79	do.	Addressograph Co.....	Addresses.....	130 00
80	do.	Western Carbon & Ribbon Co.....	Carbon paper.....	15 00
81	do.	U. of I. Supply Store.....	Stationery.....	1 81
82	Oct. 31	E. W. Bailey.....	Salary, October, 1912.....	150 00
83	do.	H. L. Rietz.....	do.....	91 66
84	do.	W. E. Joseph.....	do.....	125 00
85	do.	H. S. Grindley.....	do.....	291 66
86	do.	A. D. Emmett.....	do.....	166 66
87	do.	Sleeter Bull.....	do.....	116 66
88	do.	J. T. Barrett.....	do.....	75 00
89	do.	J. M. Barnhart.....	do.....	133 33
90	do.	Pantagraph Printing & Stationery Co.....	Printing.....	513 24
91	do.	Zella M. Andrews.....	Wages, October, 1912.....	60 00
92	do.	A. A. Odell.....	do.....	42 57
93	do.	H. B. Seward.....	do.....	10 30
94	do.	H. I. Hannah.....	do.....	11 70
95	do.	Elmer Roberts.....	do.....	50 00
96	do.	L. E. Williamson.....	do.....	45 00
97	do.	Gertrude Keech.....	Salary, October, 1912.....	30 00
98	do.	Anna C. Glover.....	do.....	90 00
99	do.	C. B. Price.....	Wages, October, 1912.....	18 60
100	do.	O. E. Staples, Chief Clerk.....	Sundry bills paid.....	49 72



## AGRICULTURAL EXPERIMENT STATION WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1912.				
101	Nov. 7	Illinois State Reformatory.....	Circulars.....	\$ 16 25
102	Nov. 14	The Emil Greiner Co.....	Apparatus.....	10 00
103	do.	Ernst Hertzberg & Sons.....	Bookbinding.....	2 09
104	Nov. 19	Geo. L. Koch.....	Alfalfa hay.....	306 60
105	Nov. 25	V. Mueller & Co.....	Forcep.....	2 35
106	do.	G. E. Stechert & Co.....	Book.....	10 83
107	do.	Addressograph Co.....	Addresses.....	49 08
108	do.	The U. of I. Supply Store.....	Paper, etc.....	1 40
109	do.	D. H. Lloyd.....	Stationery, etc.....	11 30
110	Nov. 30	A. A. Odell.....	Wages, October, 1912.....	39 97
111	do.	H. B. Seward.....	do.....	11 99
112	do.	Elmer Roberts.....	Wages, November, 1912.....	50 00
113	do.	E. W. Bailey.....	Salary, November, 1912.....	150 00
114	do.	H. L. Reetz.....	do.....	91 66
115	do.	W. E. Joseph.....	do.....	125 00
116	do.	H. S. Grindley.....	do.....	291 66
117	do.	A. D. Emmett.....	do.....	166 66
118	do.	Sleeter Bull.....	do.....	116 66
119	do.	J. M. Barnhart.....	do.....	133 33
120	do.	J. T. Barrett.....	do.....	75 00
121	do.	Anna C. Glover.....	do.....	90 00
122	do.	Gertrude Keech.....	do.....	30 00
123	do.	C. B. Price.....	Wages, November, 1912.....	15 00
124	do.	L. E. Williamson.....	do.....	45 00
125	do.	Zella M. Andrews.....	do.....	60 00
126	Dec. 4	O. E. Staples, Chief Clerk.....	Sundry bills.....	47 18
127	Dec. 7	J. W. Butler Paper Co.....	Envelopes.....	49 20
128	Dec. 12	Clay, Robinson & Co.....	Sheep.....	458 37
129	do.	Addressograph Co.....	Plates.....	17 25
130	Dec. 16	John Reichard.....	Corn.....	181 45
131	Dec. 17	Ben Sides.....	do.....	80 17
132	Dec. 18	D. H. Lloyd.....	Binder covers.....	4 80
133	do.	Twin City Ice & Cold Storage Co.....	Ice book.....	4 00
134	do.	Addressograph Co.....	Drawers.....	16 00
135	Dec. 19	S. C. Tucker.....	Boxes.....	1 00
136	Dec. 31	W. E. Joseph.....	Salary, December, 1912.....	125 00
137	do.	A. D. Emmett.....	do.....	166 66
138	do.	Sleeter Bull.....	do.....	116 66
139	do.	E. W. Bailey.....	do.....	150 00
140	do.	H. L. Reetz.....	do.....	91 66
141	do.	J. E. Readhimer.....	do.....	200 00
142	do.	Anna C. Glover.....	do.....	90 00
143	do.	J. T. Barrett.....	do.....	75 00
144	do.	J. M. Barnhart.....	do.....	133 33
145	do.	H. N. Parker.....	do.....	200 00
146	do.	W. F. Wells.....	do.....	125 00
147	do.	Gertrude Keech.....	do.....	30 00
148	do.	L. E. Williamson.....	Wages, December, 1912.....	45 00
149	do.	Elmer Roberts.....	do.....	50 00
150	do.	R. I. Douglas.....	Corn.....	228 02
1913.				
151	Jan. 4	J. Bishop & Co., Platinum Works.....	Repairing.....	8 37
152	do.	Percival & Moorehead.....	Hardware.....	1 20
153	do.	The University of Illinois Supply Store.....	Supplies.....	4 28
154	Jan. 7	J. C. Gabel & Co.....	Cages.....	7 80
155	do.	O. E. Staples, Chief Clerk.....	Sundry bills paid.....	170 53
156	Jan. 15	O. E. Staples, Chief Clerk.....	do.....	63 43
157	Jan. 16	E. H. Sargent & Co.....	Tongs.....	5 00
158	do.	Twin City Roofing & Sheet Metal Works.....	Metal, etc.....	11 70
159	do.	J. H. Doyle.....	Milk cans.....	5 00
160	do.	Association of American Agricultural Colleges and Experiment Stations.....	Dues.....	20 00
161	do.	G. E. Stechert & Co.....	Book.....	7 40
162	do.	The Century Co.....	do.....	39 90
163	do.	Illinois State Reformatory.....	Cards.....	5 75
164	do.	J. B. Lyons & Co.....	Postal guide.....	3 50
165	do.	Herrick & Stoltey.....	Livery service.....	10 00
166	do.	Eisner Grocery Co.....	Paper.....	1 47
167	Jan. 18	J. W. Butler Paper Co.....	Envelopes.....	89 63
168	Jan. 21	Bausch & Lomb Optical Co.....	Flasks.....	17 64
169	do.	General Electric Co.....	Electrical supplies.....	170 64
170	do.	J. W. Butler Paper Co.....	Supplies.....	22 36
171	Jan. 31	A. D. Emmett.....	Salary, January, 1913.....	166 66
172	do.	H. S. Grindley.....	do.....	291 66
173	do.	W. E. Joseph.....	do.....	125 00
174	do.	H. L. Reetz.....	do.....	91 66
175	do.	E. W. Bailey.....	do.....	150 00
176	do.	Thomas Bregger.....	do.....	100 00
177	do.	Sleeter Bull.....	do.....	116 66

## AGRICULTURAL EXPERIMENT STATION WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1913.</b>				
178	Jan. 31	L. E. Williamson	Salary, January, 1913	\$ 45 00
179	do	J. M. Barnhart	do	133 33
180	do	J. T. Barrett	do	75 00
181	do	Anna C. Glover	do	90 00
182	do	Gertrude Keech	do	30 00
183	do	J. E. Readhimer	do	200 00
184	do	W. F. Wells	do	125 00
185	do	H. I. Hannah	Wages, January, 1913	10 50
186	do	A. A. Odell	do	49 72
187	do	H. B. Seward	do	13 70
188	do	Elmer Roberts	do	50 00
189	do	J. E. Readhimer	Traveling expenses	3 62
190	do	Roy Horning	Wages, January, 1913	46 80
191	do	Whitall Tatum Co.	Tubing	11 58
192	do	Western Carbon & Ribbon Co.	Ribbons, etc.	8 44
193	do	Lewis Electric Supply Co.	Apparatus	1 63
194	do	Norton Co.	Laboratory supplies	47 60
195	do	The Emil Greinger Co.	Apparatus	10 00
196	do	A. H. Hews & Co., Inc.	Covers	3 60
197	do	Library Bureau	Folders	5 00
198	do	J. B. Lyon & Co.	Subscription	3 50
199	do	The Scott Paper Co.	Paper towels	6 75
200	Feb. 8	D. H. Loyde	Stationery	1 27
201	do	H. F. Chester	Livery service	4 00
202	Feb. 10	O. E. Staples, Chief Clerk	Sundry bills	64 81
203	Feb. 14	Green Street Pharmacy	Supplies	1 95
204	do	Pantagraph Printing & Stationery Co.	Printing bulletins	472 56
205	do	Illinois State Reformatory	Printing	4 85
206	Feb. 20	University Club	Entertaining	10 75
207	Feb. 28	E. W. Bailey	Salary, February, 1913	150 00
208	do	J. M. Barnhart	do	133 33
209	do	J. T. Barrett	do	75 00
210	do	Thomas Bregger	do	100 00
211	do	C. S. Crandall	do	291 66
212	do	A. D. Emmett	do	166 66
213	do	Anna C. Glover	do	90 00
214	do	Roy Horning	do	43 40
215	do	Gertrude Keech	do	30 00
216	do	George Nogle	do	70 00
217	do	J. E. Readhimer	do	200 00
218	do	H. L. Reitz	do	91 66
219	do	Elmer Roberts	do	37 50
220	do	G. T. Rigg	do	15 96
221	do	W. F. Wells	do	125 00
222	do	L. E. Williamson	do	45 00
223	Mar. 1	John Heffernan & Son	Supplies	2 15
224	do	Illinois State Reformatory	Envelopes and cards	74 25
225	do	F. M. Leslie	Frame	2 75
226	do	W. Lewis & Co.	Crash	1 80
227	Mar. 5	Whitall Tatum Co.	Homeos	12 50
228	do	The University of Illinois Supply Store	Stationery	21 56
229	do	C. A. Hall Hardware Co.	Twine	7 50
230	Mar. 6	O. E. Staples, Chief Clerk	Sundry bills paid	84 93
231	Mar. 17	Pantagraph Printing & Stationery Co.	Printing	105 15
232	do	H. McFadden & Brother	Oil meal	20 00
233	Mar. 18	O. E. Staples, Chief Clerk	Sundry bills paid	34 19
234	Mar. 25	Axley Hay Co.	Alfalfa	147 62
235	do	D. H. Loyde	Ink and tags	12 25
236	do	Elmer & Amend	Oven	75 00
237	do	The Emil Greiner Co.	Pipettes	18 58
238	do	J. W. Amrine	Oil meal	165 00
239	Mar. 27	E. H. Sargent & Co.	Ether	1 56
240	do	D. H. Loyde	Tray	1 00
241	do	G. C. Willis	Cotton bats	1 20
242	do	The R. Woodman Mfg. & Supply Co.	Punch	1 29
243	do	Champaign Seed Co.	Seed	1 25
244	do	Hunter, Bourke & Co.	Lumber	7 42
245	do	U. & C. Ry. Gas & Electric Co.	Gas	115 50
246	do	Munson Supply Co.	Keys	3 50
247	do	A. H. Thomas Co.	Gelatine	9 00
248	do	Twin City Ice & Cold Storage Co.	Ice	25 00
249	do	Illinois State Reformatory	Printing	8 30
250	do	W. C. Coffey	Expenses	9 09
251	Mar. 31	Thomas Bregger	Salary, March 1913	100 00
252	do	E. W. Bailey	do	150 00
253	do	S. J. Bole	do	133 33
254	do	C. S. Crandall	do	291 66

## AGRICULTURAL EXPERIMENT STATION WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1913.				
255	Mar. 31	J. A. Detlefsen	Salary, March, 1913	\$166 66
256	do	A. D. Emmett	do	166 66
257	do	H. L. Rietz	do	91 66
258	do	Gertrude Keech	do	30 00
259	do	J. M. Barnhart	do	133 33
260	do	J. T. Barrett	do	75 00
261	do	E. Davenport	do	500 00
262	do	Anna C. Glover	do	90 00
263	do	W. F. Wells	do	125 00
264	do	J. E. Readhimer	do	200 00
265	do	Lawrence Laehr	Wages, March, 1913	45 00
266	do	John Palfrey	do	75 00
267	do	Roy Horning	do	31 70
268	do	C. B. Price	do	12 60
269	do	George Nogle	do	70 00
270	do	J. H. Coffey	do	50 00
271	do	E. M. Clark	do	60 00
272	do	I. E. Williamson	do	45 00
273	do	J. H. Vandiver	do	16 00
274	Apr. 1	Wells-Abbott-Nieman Co.	Bran.	107 50
275	do	O. E. Staples, chief clerk	Sundry bills	43 65
276	Apr. 10	D. H. Lloyd	Stationery	5 71
277	Apr. 11	Illinois State Reformatory	Printing	14 00
278	do	Dayton Fruit Tree Label Co.	Labels	22 20
279	Apr. 12	Reliable Plumbing & Heating Co.	Supplies	2 58
280	Apr. 15	Irving-Pitt Mfg. Co.	Binders	25 20
281	Apr. 19	S. E. Huff & Co.	Lumber	8 30
282	do	A. O. Magnuson	Photo work	14 65
283	do	Underwood Typewriter Co., Inc.	Duplicator	36 00
284	do	Pantagraph Printing & Stationery Co.	Printing	17 08
285	do	D. H. Lloyd	Stationery	8 95
286	do	B. A. Strauch	Labor and material	2 80
287	Apr. 22	O. E. Staples, Chief Clerk	Sundry bills paid	51 79
288	Apr. 25	Metzler & Schafer Co.	Groceries	2 83
289	Apr. 30	E. W. Bailey	Salary, April, 1913	150 00
290	do	S. J. Bole	do	133 33
291	do	Thomas Bregger	do	100 00
292	do	W. J. Carmichael	do	41 66
293	do	C. S. Crandall	do	291 66
294	do	J. A. Detlefsen	do	166 66
295	do	A. D. Emmett	do	166 66
296	do	H. H. Mitchell	do	125 00
297	do	H. L. Rietz	do	91 66
298	do	J. M. Barnhart	do	133 33
299	do	J. T. Barrett	do	75 00
300	do	E. Davenport	do	500 00
301	do	O. S. Fisher	do	166 66
302	do	Anna C. Glover	do	90 00
303	do	Gertrude Keech	do	30 00
304	do	J. E. Readhimer	do	200 00
305	do	W. F. Wells	do	125 00
306	do	George Nogle	Wages, April, 1913	70 00
307	do	L. E. Williamson	do	45 00
308	do	John Palfrey	do	75 00
309	do	J. H. Coffey	do	50 00
310	do	E. M. Clark	do	60 00
311	Apr. 25	Champaign Seed Co.	Corn	1 50
312	do	J. E. Morgan	Wages, April, 1913	6 80
313	Apr. 30	C. Wray	do	11 39
314	do	M. E. Slater	do	28 50
315	do	Roy Horning	do	38 00
316	Apr. 29	C., C., C. & St. L. Ry. Co.	Freight	16 96
317	May 8	Barbee Wire & Iron Works	Cages	24 00
318	do	John Reichard	Oats	36 75
319	do	Shavings & Sawdust Co.	Shavings	64 99
320	May 13	E. H. Sargent & Co.	Glass cylinders	3 88
321	do	Pattengale Brothers	Meal	2 00
322	May 15	O. E. Staples, Chief Clerk	Sundry bills	35 85
323	May 22	J. E. Readhimer	Expenses	40 99
324	May 23	Metzler & Schafer Co.	Bananas	1 40
325	May 26	Burroughs Adding Machine Co.	Ribbon	1 00
326	do	Addressograph Co.	Drawers	10 80
327	May 27	Haussmann & Dunn Co.	Thermometers	5 00
328	May 28	Pattengale Brothers	Meal	6 00
329	do	Pantagraph Printing & Stationery Co.	Printing report	51 33
330	do	Underwood Typewriter Co.	Paper	4 60
331	May 31	E. W. Bailey	Salary, May, 1913	150 00
332	do	J. T. Barrett	do	75 00
333	do	J. M. Barnhart	do	133 33

## AGRICULTURAL EXPERIMENT STATION WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1913.</b>				
334	May 31	S. J. Bole	Salary, May, 1913	\$133 33
335	do	Thomas Bregger	do	100 00
336	do	W. J. Carmichael	do	41 66
337	do	W. C. Coffey	do	225 00
338	do	C. S. Crandall	do	291 66
339	do	J. A. Detlefsen	do	166 66
340	do	A. D. Emmett	do	166 66
341	do	O. S. Fisher	do	166 66
342	do	Anna C. Glover	do	90 00
343	do	H. H. Mitchell	do	125 00
344	do	J. E. Readhimer	do	200 00
345	do	H. L. Rietz	do	91 66
346	do	W. F. Wells	do	125 00
347	do	E. M. Clark	Wages, May, 1913	60 00
348	do	J. H. Coffey	do	50 00
349	do	R. C. Glover	do	50 00
350	do	George Nogle	do	70 00
351	do	John Palfrey	do	75 00
352	do	H. H. Wheeler	do	65 00
353	do	L. E. Williamson	do	45 00
354	do	Lawrence Lahr	do	33 30
355	do	Roy Horning	do	33 80
356	June 3	Eisner Grocery Co.	Molasses	11 75
357	June 9	Addressograph Co.	Addresses	7 31
358	June 10	O. E. Staples, Chief Clerk	Sundry bills paid	38 34
359	June 13	Dennison Mfg. Co.	Tags and etching	4 90
360	do	O. E. Staples, Bursar	Sundry bills paid	34 85
361	June 16	Pattengale Bros.	Meal	2 00
362	do	D. H. Lloyd	Office supplies	7 88
363	do	W. Lewis & Co.	Supplies	5 95
364	June 19	The Thompson & Norris Co.	Book wraps	9 15
365	do	John Reichard	Corn	144 10
366	do	John McCullough	Oats	24 28
367	June 27	A. S. Nelson & Sons	Groceries	7 00
368	do	Champaign Seed Co.	Seed	1 40
369	do	The J. W. Butler Paper Co.	Envelopes	4 80
370	do	Flanigan-Pearson Co.	Binding	235 50
371	do	Elmer Musgrove	Expense	70 80
372	June 28	Ernst Hertzberg & Sons	Bookbinding	1 05
373	June 30	Dryer & Burt	Corn	185 60
374	do	John Reichard	Oats	25 99
375	do	Chas. Grein	Straw	53 20
376	do	Flanigan-Pearson Co.	Binder and index	11 00
377	do	Illinois State Reformatory	Printing	22 75
378	do	J. W. Butler Paper Co.	Paper	5 87
379	do	The DeLaval Separator Co.	Machinery	130 00
380	do	E. W. Bailey	Salary, June, 1913	150 00
381	do	J. M. Barnhart	do	133 33
382	do	J. T. Barrett	do	75 00
383	do	S. J. Bole	do	112 21
384	do	Thomas Bregger	do	100 00
385	do	W. J. Carmichael	do	41 66
386	do	E. Davenport	do	481 09
387	do	J. A. Detlefsen	do	166 66
388	do	A. D. Emmett	do	166 66
389	do	O. S. Fisher	do	166 66
390	do	Anna C. Glover	do	90 00
391	do	E. E. Hoskins	do	150 00
392	do	H. H. Mitchell	do	125 00
393	do	H. L. Rietz	do	91 66
394	do	W. F. Wells	do	125 00
395	do	Charles Wray	Wages, June, 1913	4 25
396	do	M. E. Slater	do	21 82
397	do	George Nogle	do	70 00
398	do	John Palfrey	do	75 00
399	do	H. H. Wheeler	do	70 00
400	do	J. H. Coffey	do	50 00
401	do	E. M. Clark	do	60 00
402	do	R. C. Glover	do	75 00
403	do	A. F. Heck	do	50 00
404	do	J. E. Morgan	do	8 80
405	do	T. J. Rector	do	1 70
406	do	B. S. Davison	do	12 00
407	do	Arthur Semple	do	4 50
408	do	C. G. Cox	do	18 50
409	do	Mrs. M. Munn	do	25 00
410	do	E. H. Sargent & Co.	Chemicals	1 70
411	do	The Shaw-Walker Co.	Office supplies	6 27
412	do	The University of Illinois Supply Store	Chemicals	5 32

AGRICULTURAL EXPERIMENT STATION WARRANTS—*Concluded.*

No.	Date.	To whom.	For what.	Amount.
	1913.			
413	June 30	D. H. Lloyd.	Photo supplies.	\$ 5 35
414	..do.	O. E. Staples, Bursar.	Sundry bills paid.	35 62

## SCHOOL OF PHARMACY WARRANTS.

	1912.			
1	July 24	Illinois State Reformatory.	Printing.	\$300 00
2	..do.	The Bulletin of Pharmacy.	Advertising.	15 00
3	..do.	Pontiac Engraving Co.	Halftones.	7 50
4	..do.	High School Life.	..do.	8 00
5	..do.	Chas. Bodach & Sons.	Furniture.	38 50
6	..do.	Commonwealth Edison Co.	Electricity.	2 00
7	..do.	Excelsior Laundry Co.	Washing.	2 78
8	..do.	Western Union Telegraph Co.	Clock rental.	3 00
9	..do.	Illinois State Reformatory.	Envelopes.	4 35
10	..do.	Henry Bosch Co.	Paints, etc.	10 80
11	..do.	American Furniture Repairing Co.	Repairing.	11 00
12	..do.	Chicago Engineer Supply Co.	Valves, etc.	8 20
13	..do.	Henry Rahn.	Painting.	107 00
14	..do.	Orr & Lockett Hardware Co.	Hardware.	16 85
15	..do.	W. B. Day, Actuary.	Sundry bills paid.	244 34
16	July 26	W. B. Day, Actuary.	Bills paid.	5 00
17	Aug. 13	The Alumni Association.	Advertising.	2 40
18	..do.	Mallory & Mitchell.	..do.	19 32
19	..do.	High School Life.	..do.	8 00
20	..do.	D. O. Haynes & Co.	..do.	27 00
21	..do.	The Chicago Record-Herald.	..do.	13 50
22	..do.	The National Assn. of Retail Druggists.	..do.	22 50
23	..do.	Ernst Leitz.	Apparatus.	19 50
24	..do.	E. H. Sargent & Co.	..do.	384 40
25	..do.	Stebbins Hardware Co.	Rip saw.	2 00
26	..do.	Stanton & Stanton.	Window cleaning.	16 30
27	..do.	Excelsior Laundry Co.	Washing.	1 62
28	..do.	M. A. Donohue & Co.	Office supplies.	1 05
29	..do.	Siegel, Cooper & Co.	Supplies.	10 52
30	..do.	Fuller & Fuller Co.	..do.	1 05
31	..do.	Allaire-Woodward & Co.	Laboratory supplies.	41 61
32	..do.	Illinois State Reformatory.	Printing.	19 25
33	..do.	McDonough & Co.	Advertising.	15 00
34	..do.	Mandel Brothers.	Shades.	12 41
35	..do.	Henry Bosch Co.	Paints, varnish, etc.	13 94
36	..do.	Carl John Stein.	Plumbing.	94 83
37	..do.	W. B. Day, Actuary.	Sundry bills paid.	53 00
38	Aug. 15	Illinois State Reformatory.	Printing.	4 50
39	..do.	The Bulletin of Pharmacy.	Advertising.	7 50
40	Sept. 17	Illinois State Reformatory.	Printing.	36 95
41	..do.	General Chemical Co.	Supplies.	5 38
42	..do.	Gilbert & Bennett Mfg. Co.	Wire cloth.	18 90
43	..do.	M. H. Fairchild & Bro.	Supplies.	6 00
44	..do.	The Chicago Examiner.	Advertising.	21 00
45	..do.	Excelsior Laundry Co.	Washing.	1 43
46	..do.	The Chicago Record-Herald.	Advertising.	19 20
47	..do.	The Bulletin of Pharmacy.	..do.	7 50
48	..do.	C. W. Johnson, Secretary-Treasurer.	Fees.	10 00
49	..do.	Joseph Alexander.	Supplies.	22 95
50	..do.	Siegel-Cooper & Co.	Plates.	3 60
51	..do.	M. A. Donohue & Co.	Supplies.	18 30
52	..do.	C. H. Stoelting Co.	Repairing microscopes.	60 07
53	..do.	The National Assn. of Retail Druggists.	Advertising.	22 50
54	..do.	Neostyle Co.	Supplies.	4 00
55	..do.	The Oliver Typewriter Co.	Ribbon.	1 50
56	..do.	Merek & Co.	Advertising.	15 00
57	..do.	H. C. McCracken.	Boxes and labels.	11 00
58	..do.	Mallory & Mitchell.	Advertising.	27 09
59	..do.	Illinois Pharmaceutical Assn.	..do.	20 00
60	..do.	J. E. Armstrong.	Services.	25 00
61	..do.	E. F. Urban.	Charts.	10 00
62	..do.	Woldenberg & Schaar.	Laboratory supplies.	47 10
63	..do.	E. H. Sargent & Co.	..do.	286 60
64	..do.	Stebbins Hardware Co.	Hardware, etc.	35 78
65	..do.	W. B. Day, Actuary.	Sundry bills paid.	84 56
66	Sept. 28	John V. Farwell Co.	Laboratory supplies.	83 15
67	..do.	G. P. Engelhard & Co.	Advertising.	25 00
68	..do.	W. T. Robinson.	Printing.	2 50
69	..do.	C. J. Stein.	Plumbing.	2 80

## SCHOOL OF PHARMACY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1912.				
70	Sept. 28	Stanton & Stanton.	Window cleaning.	\$ 14 20
71	do.	Illinois State Reformatory.	Printing.	6 25
72	do.	Meyer Brothers Druggist.	Advertising.	15 00
73	do.	The Druggists Circular.	do.	33 33
74	do.	Louis Bouffard.	Supplies.	7 25
75	do.	J. W. Butler Paper Co.	Paper.	40 85
76	do.	The Oliver Typewriter Co.	Repairing.	3 00
77	Oct. 12	Illinois Surety Co.	Bond.	5 00
78	do.	The Western Union Telegraph Co.	Clock rental.	3 00
79	do.	Murray & Nickell Mfg. Co.	Drugs.	21 75
80	do.	Illinois Glass Co.	Glass.	18 75
81	do.	Mallory & Mitchell.	Advertising.	17 99
82	do.	Wixon Spice Co.	Spices.	2 43
83	do.	Excelsior Laundry Co.	Washing.	1 74
84	do.	The Chicago Medical Book Co.	Books.	25 95
85	do.	Commonwealth Edison Co.	Electricity.	6 00
86	do.	M. A. Donohue & Co.	Office supplies.	3 80
87	do.	Consumers Co.	Hydrox.	3 80
88	do.	General Chemical Co.	Laboratory supplies.	5 38
89	do.	Bausch & Lomb Optical Co.	Laboratory apparatus.	111 80
90	do.	Stebbins Hardware Co.	Hardware, etc.	43 78
91	do.	The R. W. McCready Cork Co.	Corks.	21 96
92	do.	Kimble Glass Co.	Vials.	24 38
93	do.	Henry Bosch Co.	Supplies.	1 60
94	do.	Kenneth Corcoran.	Refund.	25 00
95	do.	The Chicago Record-Herald.	Advertising.	12 30
96	do.	W. B. Day.	Sundry bills paid.	52 80
97	do.	E. H. Sargent & Co.	Laboratory supplies.	197 53
98	do.	Fuller & Fuller Co.	Drugs.	206 51
99	Oct. 24	Lehn & Fink.	do.	6 33
100	do.	Siegel, Cooper & Co.	Groceries, etc.	11 03
101	do.	Durand Steel Locker Co.	Lockers.	109 75
102	do.	M. E. Koszuta.	Refund on tuition.	15 00
103	do.	A. H. Whittington.	do.	25 00
104	Oct. 26	W. B. Day, Actuary.	Bill paid.	2 00
105	Nov. 7	Excelsior Laundry Co.	Laundry.	4 16
106	do.	Consumers Co.	Hydrox.	4 10
107	do.	M. A. Donohue & Co.	Paper.	9 90
108	do.	E. H. Sargent.	Supplies.	24 11
109	do.	W. B. Day.	Expenses.	76 42
110	do.	Fuller & Fuller Co.	Drugs.	86 17
111	do.	Nels Mohe.	Plumbing.	20 45
112	do.	The Olive Typewriter Co.	Carbon and paper.	2 90
113	do.	Pittsburgh Plate Glass Co.	Glass.	1 50
114	do.	Kimble Glass Co.	Vials.	1 95
115	do.	The Alumni Assn.	Advertising.	3 25
116	do.	Siegel, Cooper & Co.	Jars.	5 70
117	do.	Neostyle Co.	Supplies.	5 75
118	Nov. 8	The Chicago Examiner.	Advertising.	6 00
119	do.	Commonwealth Edison Co.	Power bill.	2 00
120	Nov. 20	Fred E. Krohn.	Refund.	35 00
121	Nov. 25	M. H. Fairchild & Brother.	Soap powder.	9 30
122	do.	The American Pharmaceutical Assn.	Advertising.	30 00
123	Nov. 27	T. E. Kisner.	Refund.	40 00
124	Dec. 9	W. B. Day, Actuary.	Expenses.	96 29
125	do.	Siegel, Cooper & Co.	Pencils.	2 18
126	do.	Stanton & Stanton.	Cleaning.	14 70
127	do.	E. H. Sargent & Co.	Laboratory supplies.	18 69
128	do.	Neostyle Co.	Supplies.	4 00
129	do.	E. W. A. Rowles.	Mounting sheets.	2 10
130	do.	Milwaukee Dustless Brush Co.	Brush.	3 75
131	do.	Fuller & Fuller Co.	Drugs.	17 21
132	do.	Chicago Medical Book Co.	Book.	1 13
133	do.	Commonwealth Edison Co.	Electric power.	2 00
134	do.	Chicago Engineer Supply Co.	Burner fixture.	9 31
135	do.	Consumers Co.	Hydrox.	3 80
136	do.	M. A. Donohue.	Paper.	13 10
137	do.	Excelsior Laundry Co.	Laundry.	4 71
138	do.	John V. Farwell Co.	Crash.	10 50
1913.				
139	Jan. 11	Neostyle Co.	Stencil.	3 50
140	do.	Chicago Medical Book Co.	Book.	4 25
141	do.	Commonwealth Edison Co.	Light bill.	2 00
142	do.	Consumers Co.	Hydrox.	1 90
143	do.	M. A. Donohue & Co.	Paper.	8 50
144	do.	Illinois State Penitentiary.	Book case.	15 00
145	do.	Fuller & Fuller Co.	Drugs.	1 99
146	do.	Siegel, Cooper & Co.	Jars.	2 25
147	do.	W. B. Day, Actuary.	Petty expenses.	61 12

## SCHOOL OF PHARMACY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1913.				
148	Jan. 11	Jos. Alexander	Supplies	\$ 16 50
149	do	General Chemical Co.	do	3 38
150	do	E. H. Sargent & Co.	do	2 64
151	Jan. 18	American Chemical Society	Subscription	10 50
152	do	McKey & Poague	Water	12 00
153	do	Excelsior Laundry Co.	Washing	2 99
154	Jan. 20	John Barnett	Refund of tuition	10 00
155	Jan. 22	W. B. Day, Actuary	Bill paid	3 00
156	Jan. 28	E. A. F. Borucki	Refund of tuition	35 00
157	Feb. 8	Neostyle Co.	Ink	2 25
158	do	Chicago Medical Book Co.	Books	22 21
159	do	The Oliver Typewriter Co.	Supplies	1 05
160	do	The Western Union Telegraph Co.	Clock rental	3 00
161	do	Allaire, Woodward & Co.	Drugs	3 80
162	do	The Alumni Assn.	Advertising	3 25
163	do	M. A. Donohue & Co.	Cards	2 00
164	do	The Journal of Infectious Diseases	Subscription	5 00
165	do	Consumer's Co.	Hydrox	5 70
166	do	American Journal of Pharmacy	Subscription	3 25
167	do	Excelsior Laundry Co.	Washing	4 80
168	do	Murray & Nickell Mfg. Co.	Drugs	1 06
169	do	The Eli Lilly & Co.	Supplies	8 40
170	do	W. B. Day, Actuary	Petty expenses	72 68
171	Feb. 10	Lehn & Fink	Drugs	4 50
172	do	E. H. Sargent & Co.	Laboratory supplies	29 40
173	do	Commonwealth Edison Co.	Electricity	2 00
174	do	Fuller & Fuller Co.	Drugs	52 29
175	Feb. 18	Stanton & Stanton, Contractors	Cleaning windows	14 90
176	Feb. 19	McKey & Poague, Agents	Rent	500 00
177	Feb. 28	A. H. Clark	Salary, February, 1913	150 00
178	do	H. W. Colson	do	100 00
179	do	W. B. Day	do	4 98
180	do	B. L. Eichler	do	100 00
181	do	E. N. Gathercoal	do	100 00
182	do	F. M. Goodman	do	100 00
183	do	C. M. Snow	do	150 00
184	do	Rudolph Meseck	do	65 00
185	do	Mary Scanlon	do	60 00
186	Mar. 8	The Chicago Medical Book Co.	Books	64 31
187	do	Consumer's Co.	Hydrox	3 80
188	do	W. B. Day, Actuary	Petty expenses	80 83
189	do	M. A. Donohue & Co.	Supplies	9 55
190	do	Excelsior Laundry Co.	Washing	4 32
191	do	Fuller & Fuller Co.	Drugs	18 77
192	Mar. 12	McKey & Poague, Agents	Rental	500 00
193	Apr. 7	Neostyle Co.	Supplies	4 00
194	do	Excelsior Laundry Co.	Washing	4 20
195	do	Commonwealth Edison Co.	Electricity	2 00
196	do	American Medical Assn.	Books	2 85
197	do	W. C. Schulz	Services	25 00
198	do	Anchor Core Soap Co.	Soap	6 00
199	do	McKey & Poague, Agents	Rental	500 00
200	do	W. B. Day, Actuary	Petty expenses	75 87
201	Mar. 31	A. H. Clark	Salary, March, 1913	150 00
202	do	H. W. Colson	do	100 00
203	do	W. B. Day	do	208 33
204	do	B. L. Eichler	do	100 00
205	do	E. N. Gathercoal	do	100 00
206	do	F. M. Goodman	do	100 00
207	do	C. M. Snow	do	150 00
208	do	Rudolph Meseck	do	65 00
209	do	Mary Scanlon	do	60 00
210	Apr. 7	The American Pharmaceutical Assn.	Advertising	26 25
211	do	Consumers Co.	Hydrox	1 90
212	do	Burgmeier Book Bindery	Bookbinding	39 60
213	do	Illinois State Reformatory	Envelopes	4 75
214	do	Fuller & Fuller Co.	Supplies	49 68
215	Apr. 10	R. G. Hoy	Refund of tuition	75 00
216	Apr. 12	E. H. Sargent & Co.	Supplies	21 32
217	Apr. 30	A. H. Clark	Salary, April, 1913	150 00
218	do	H. W. Colson	do	100 00
219	do	W. B. Day	do	208 33
220	do	B. L. Eichler	do	100 00
221	do	E. N. Gathercoal	do	100 00
222	do	F. M. Goodman	do	100 00
223	do	Rudolph Meseck	do	65 00
224	do	Mary Scanlon	do	60 00
225	do	C. M. Snow	do	150 00
226	Apr. 19	The University of Chicago Press	Book	6 30

SCHOOL OF PHARMACY WARRANTS—*Concluded.*

No.	Date.	To whom.	For what.	Amount
227	1913.			
227	Apr. 19	Illinois State Reformatory.	Printing.	\$ 18 00
228	do.	Western Union Telegraph Co.	Clock rental.	3 00
229	Apr. 24	W. B. Day, Actuary.	Laboratory refunds.	167 83
230	May 1	High School Life.	Advertising.	8 00
231	do.	The Alumni Assn.	do.	3 25
232	do.	W. T. Robinson.	Printing.	12 50
233	do.	Neostyle Co.	Stencil.	1 75
234	do.	M. A. Donohue & Co.	Supplies.	5 20
235	do.	Stanton & Stanton.	Labor.	14 90
236	May 6	County Collector of Cook County.	Special assessments.	106 13
237	do.	Siegel, Cooper & Co.	Supplies.	8 48
238	do.	Excelsior Laundry Co.	Washing.	3 77
239	do.	Rounds-Truman Co.	Engrossing.	9 63
240	do.	Central Dept., Y. M. C. A. of Chicago.	Rent of hall.	35 00
241	do.	Lehn & Fink.	Drugs.	75 94
242	May 8	W. B. Day, Actuary.	Petty expenses.	114 56
243	do.	Beckley-Cardy Co.	Press.	1 65
244	do.	Fuller & Fuller Co.	Drugs.	10 79
245	do.	Consumers Co.	Hydrox.	1 90
246	May 13	E. H. Sargent & Co.	Supplies.	5 78
247	May 17	McKey & Poague, Agents.	Rental.	500 00
248	do.	Illinois State Penitentiary.	Furniture.	18 25
249	May 31	A. H. Clark.	Salary, May, 1913.	150 00
250	do.	H. W. Colson.	do.	100 00
251	do.	W. B. Day.	do.	208 33
252	do.	B. L. Elcher.	do.	100 00
253	do.	E. N. Gathercoal.	do.	100 00
254	do.	F. M. Goodman.	do.	100 00
255	do.	C. M. Snow.	do.	150 00
256	do.	Mary Scanlon.	do.	60 00
257	do.	Rudolph Meseck.	do.	65 00
258	June 9	Parke, Davis & Co.	Supplies.	1 20
259	do.	Henry Bosch Co.	Floor oil.	2 00
260	do.	The American Pharmaceutical Assn.	Advertising.	11 26
261	do.	High School Life.	do.	8 00
262	do.	Fuller & Fuller Co.	Drugs.	32 07
263	do.	W. B. Day, Actuary.	Petty expenses.	52 59
264	do.	Neostyle Co.	Stencil.	1 75
265	do.	Excelsior Laundry Co.	Washing.	3 14
266	do.	Commonwealth Edison Co.	Electricity.	2 00
267	do.	Louis Bonifard.	Labor and material.	2 05
268	do.	Siegel, Cooper & Co.	Pencils.	1 98
269	June 30	A. H. Clark.	Salary, June, 1913.	150 00
270	do.	H. W. Colson.	do.	100 00
271	do.	W. B. Day.	do.	208 33
272	do.	B. L. Elcher.	do.	100 00
273	do.	E. N. Gathercoal.	do.	100 00
274	do.	F. M. Goodman.	do.	100 00
275	do.	C. M. Snow.	do.	150 00
276	do.	Rudolph Meseck.	do.	65 00
277	do.	Mary Scanlon.	do.	60 00
278	June 27	Illinois State Reformatory.	Envelopes.	35 50

## COLLEGE OF MEDICINE WARRANTS, SERIES I.

1	1912.			
1	July 22	High School Life.	Advertising.	\$ 387 00
2	do.	Western Journal of Education.	do.	6 00
3	do.	Chas. H. Touzalin Agency.	do.	10 00
4	do.	Western Lumber Co.	Lumber.	8 31
5	do.	Health & Milligan Mfg. Co.	Enamel, etc.	42 30
6	dJ	Marshall Field & Co.	Dry goods.	24 38
7	do.	Morrison, Plummer & Co.	Drugs.	39 55
8	do.	Boland Machinery Co.	Labor and materials.	3 90
9	do.	City Fuel Co.	Coal.	232 80
10	do.	Commonwealth Edison Co.	Electricity.	2 14
11	do.	Western Fuel Co.	Coal.	78 40
12	do.	Illinois Malleable Iron Co.	Pipe.	3 35
13	do.	McMaster-Carr Supply Co.	Packing.	2 13
14	do.	James Donley.	Oil pan.	1 25
15	do.	Robert Robertson.	Plumbing.	12 80
16	do.	W. H. Browne.	Expenses.	30 00
17	do.	C. L. Barnes.	Embalming, etc.	339 00
18	do.	A. C. McClurg & Co.	Paper.	5 22
19	do.	V. Mueller & Co.	Instruments.	5 20



COLLEGE OF MEDICINE WARRANTS, SERIES I—*Concluded.*

No.	Date.	To whom.	For what.	Amount.
	1912.			
20	July 22	H. W. Cole.....	Repairing apparatus.....	\$ 128 50
21	do	Maas Brothers Hardware.....	Hardware.....	9 33
22	do	Kasen's Express.....	Expressing.....	2 82
23	do	The Cudahy Packing Co.....	Soap.....	47 50
24	do	Goodhart's Laundry.....	Washing.....	32 33
25	do	Illinois State Reformatory.....	Bookbinding.....	82 00
26	do	W. H. Guild & Co.....	Books.....	11 50
27	do	The University Hospital.....	Board and room.....	52 00
28	do	L. C. Borland.....	Extra compensation.....	100 00
29	do	Cameron, Amberg & Co.....	Printing.....	25 60
30	do	Jacobs & Holmes.....	do.....	28 50
31	do	S. S. White Dental Mfg. Co.....	Supplies.....	35 58
32	do	C. L. Frame Dental Supply Co.....	do.....	79 42
33	do	Chicago Towel Supply Co.....	Washing.....	18 96
34	do	Lupton's Print Shop.....	Printing.....	24 00
35	do	D. A. K. Steele, Actuary.....	Sundry bills paid.....	128 20
36	July 26	Wm. Droubert.....	Extra service.....	2 00
37	do	Woman's Board of Missions of the Interior.....	Refund.....	1,000 00
38	do	Mrs. T. E. D. Bradley, Treasurer.....	do.....	1,000 00
39	July 29	Mallory & Mitchell.....	Advertising.....	3 15
40	do	Chicago Record Herald.....	do.....	4 20
41	do	Surgical Publishing Co.....	do.....	22 50
42	do	H. F. Bremer.....	Sky-light.....	15 55
43	do	Chicago Towel Co.....	Towel supplies.....	18 75
44	do	A. R. Greene.....	Advertising.....	34 00
45	Aug. 27	The College of Physicians & Surgeons of Chicago.....	Balance due.....	8,078 53

## COLLEGE OF MEDICINE WARRANTS, SERIES II.

	1913.			
1	Mar. 18	United States Audit Co.....	Service.....	\$125 00
2	Mar. 22	Illinois Surety Co.....	Premium.....	15 00
3	do	W. H. Browne, Superintendent.....	For petty cash.....	300 00
4	Mar. 26	J. S. Tomlinson, Cashier.....	Petty cash payments in March, 1913, pending arrangements with comptroller.....	255 40
5	Mar. 27	W. H. Browne.....	Expenses.....	12 50
6	Mar. 31	L. C. Borland.....	Salary, March, 1913.....	175 00
7	do	R. R. Rupert.....	do.....	175 00
8	do	G. P. Dreyer.....	do.....	375 00
9	do	W. C. Hawthorne.....	do.....	100 00
10	do	E. F. Slavik.....	do.....	50 00
11	do	C. C. O'Byrne.....	do.....	128 00
12	do	T. D. Burger.....	do.....	30 00
13	do	Adolph Gehrman.....	do.....	100 00
14	do	Bernard Fantus.....	do.....	87 50
15	do	J. E. Haskell.....	do.....	31 25
16	do	Stella M. Gardner.....	do.....	100 00
17	do	F. L. Barbour.....	do.....	25 00
18	do	F. E. Wyenkoop.....	do.....	225 00
19	do	W. H. Browne.....	do.....	216 66
20	do	Metta M. Loomis.....	do.....	75 00
21	do	H. W. Cole.....	do.....	60 00
22	do	G. N. Hiskey.....	do.....	40 00
23	do	Mabel L. Arnseon.....	do.....	60 00
24	do	Mrs. Josephine Allen.....	do.....	55 00
25	do	Elizabeth M. Heelan.....	do.....	60 00
26	do	Eric Froberg.....	do.....	60 00
27	do	James Southwell.....	do.....	115 00
28	do	Anna R. Bolan.....	do.....	60 00
29	do	J. W. North.....	do.....	70 00
30	do	Larrh Israelson.....	do.....	70 00
31	do	H. S. Smith.....	do.....	70 00
32	do	B. D. Coles.....	do.....	50 00
33	do	John Savage.....	do.....	40 00
34	do	Paul David.....	do.....	45 00
35	do	George Josefson.....	do.....	28 00
36	do	John Odeshoo.....	do.....	24 00
37	do	Eshoo David.....	do.....	45 00
38	do	H. S. Perry.....	do.....	25 00
39	do	W. F. Deckert.....	do.....	30 00
40	do	J. S. Tomlinson.....	do.....	100 00

## COLLEGE OF MEDICINE WARRANTS, SERIES II—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
41	Mar. 31	Fred Wentzel	Salary, March, 1913	\$ 49 68
42	Apr. 1	Ernst Leitz	Microscopes	1,940 40
43	do	Fuller & Fuller Co.	Drugs	18 80
44	do	Monahan Antiseptic Co.	Soap	33 00
45	do	F. J. Burns & Co.	Turtles	9 00
46	do	Shawnut Market Co.	Perch	4 08
47	do	H. K. Mulford Co.	Cold cream	4 00
48	do	High School Life	Advertising	30 00
49	do	The Daguerre Studio	Photo work	14 00
50	do	Jacobus Printing Co.	Cardboard	1 50
51	do	Bradner Smith & Co.	Supplies	6 68
52	Apr. 7	J. C. Holmes	Booklets	30 00
53	Apr. 8	The American Schoolmaster	Advertising	6 00
54	do	H. F. Bremer	Labor and material	33 40
55	do	American-German Boiler Compound Co.	Oil	13 28
56	do	City Fuel Co.	Coal	165 33
57	do	H. Drenth	Labor	19 50
58	do	Ogden Floral Co.	Rent	10 00
59	do	A. C. McClurg & Co.	Stationery	2 04
60	do	Chicago Addressing Co.	Labor and material	42 16
61	do	Maas Bros.	Hardware	17 55
62	do	The R. D. Swisher Mfg. Co.	Supplies	4 55
63	do	V. Mueller & Co.	Laboratory supplies	64 74
64	do	Morrisson, Plummer & Co.	Drugs	4 15
65	do	O. Carlizeck & Co.	Glass supplies	159 00
66	do	F. J. Burns & Co.	Turtles	25 20
67	do	Fuller & Fuller Co.	Supplies	2 00
68	do	Physician's Supply & Drug Co.	do	4 25
69	do	Henry Troemner	Hanger	1 52
70	do	Chicago Towel Co.	Supplies	24 00
71	do	Library Bureau	do	7 50
72	do	Crane Co.	Hardware	1 54
73	do	Heath & Milligan Mfg. Co.	Paint	4 85
74	do	G. F. Bierbower	Repairs	14 10
75	do	Marshall Field & Co.	Dry goods	23 04
76	Apr. 10	Wheelock, Shattuck & Newey	Services	25 00
77	Apr. 19	Kasen's Express	Labor	13 65
78	do	International Forwarding Co.	Fees and charges	18 35
79	do	Western Fuel Co.	Coal	416 50
80	do	City Fuel Co.	do	147 21
81	do	Steel & Lawson	Laboratory supplies	364 82
82	do	Morrison, Plummer & Co.	Supplies	210 37
83	do	Henry Newgard & Co.	Repairs	15 00
84	do	The Hamblin Plumbing Co.	Labor and material	40 23
85	do	State Bank of Chicago	Fees	30 90
86	do	The American Schoolmaster	Advertising	6 00
87	do	C. A. Touzalin Agency	do	15 75
88	do	The Fidelity & Casualty Co. of New York	Premium	5 00
89	do	McDonald & Co.	Printing	18 50
90	Apr. 21	E. G. Chase	Salary, Session, 1912-13	150 00
91	do	E. J. Danek	do	50 00
92	do	J. H. Duguid	do	50 00
93	do	O. G. Fisher	do	200 00
94	do	G. N. Hiskey	do	50 00
95	do	H. E. Irish	do	50 00
96	do	W. C. Jones	do	200 00
97	do	G. J. Lorch	do	50 00
98	do	G. L. McLellan	do	25 00
99	do	H. R. Sharpe	do	12 50
100	do	Clarence V. Smith	do	12 50
101	do	R. A. Smith	do	150 00
102	do	W. B. Swackhamer	do	12 50
103	do	W. H. Watson	do	12 50
104	do	F. H. Wilson	do	50 00
105	do	R. H. Woods	do	25 00
106	do	Wm. K. Yeakel	do	150 00
107	Apr. 22	F. J. Burns & Co.	Frogs	7 20
108	do	Fuller & Fuller Co.	Sodium nitrate	2 52
109	do	Goodhart's Laundry	Washing	45 66
110	Apr. 30	L. C. Borland	Salary, April, 1913	175 00
111	do	R. A. Rupert	do	175 00
112	do	Geo. P. Dreyer	do	875 00
113	do	W. C. Hawthorne	do	100 00
114	do	E. F. Slavik	do	50 00
115	do	C. C. O'Byrne	do	128 00
116	do	T. D. Burger	do	30 00
117	do	Adolph Gehrmann	do	100 00
118	do	Bernard Fantus	do	87 50
119	do	J. E. Haskell	do	31 25

## COLLEGE OF MEDICINE WARRANTS, SERIES II—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
120	Apr. 30	Stella M. Gardner.....	Salary, April, 1913.....	\$100 00
121	do	F. L. Barbour.....	do.....	25 00
122	do	F. E. Wynekoop.....	do.....	225 00
123	do	J. S. Tomlinson.....	do.....	100 00
124	do	William Deckert.....	do.....	30 00
125	do	Howard S. Perry.....	do.....	25 00
126	do	Simon David.....	do.....	32 00
127	do	Eshoo David.....	do.....	45 00
128	do	George Josefson.....	do.....	40 00
129	do	Paul David.....	do.....	45 00
130	do	John Savage.....	do.....	40 00
131	do	Bert D. Coles.....	do.....	50 00
132	do	William B. O'Brien.....	do.....	30 62
133	do	Harry S. Smith.....	do.....	70 00
134	do	J. W. North.....	do.....	70 00
135	do	Anna R. Bolan.....	do.....	60 00
136	do	James Southwell.....	do.....	115 00
137	do	Eric Froberg.....	do.....	60 00
138	do	Elizabeth M. Heelan.....	do.....	60 00
139	do	Mrs. Josephine Allen.....	do.....	55 00
140	do	Mabel L. Arneson.....	do.....	60 00
141	do	Geo. N. Hiskey.....	do.....	40 00
142	do	Henry W. Cole.....	do.....	60 00
143	do	Metta M. Loomis.....	do.....	75 00
144	do	W. H. Brown.....	do.....	216 66
145	Apr. 24	H. K. Mulford Co.....	Drugs.....	4 20
146	do	Commonwealth Edison Co.....	Electricity.....	3 50
147	do	W. S. White, Treasurer.....	Services.....	35 55
148	do	Bausch & Lomb Optical Co.....	Slide boxes.....	9 00
149	do	Marshall Field & Co.....	Dry goods.....	34 75
150	Apr. 25	The Fair.....	Stamps.....	2 00
151	do	Henry Newgard & Co.....	Supplies.....	114 05
152	do	McDonald & Co.....	Printing.....	11 00
153	do	Fuller & Fuller Co.....	Drugs.....	2 93
154	do	H. W. Cole.....	Labor.....	25 60
155	Apr. 29	High School Life.....	Advertising.....	30 00
156	do	The Peoples Gas Light & Coke Co.....	Gas.....	60 48
157	do	The Western Union Telegraph Co.....	Clock rental.....	12 00
158	do	The Imperial Mfg. Co.....	Sweeping compound.....	19 60
159	do	The Fair.....	Seeds.....	8 37
160	do	M. Edna Bigelow.....	Labor.....	29 20
161	do	Central Scientific Co.....	Supplies.....	33 85
162	do	F. J. Burns & Co.....	Turtles and frogs.....	16 20
163	do	Morrisson, Plummer & Co.....	Alcohol.....	5 7 89
164	do	V. Mueller & Co.....	Supplies.....	6 75
165	do	H. M. Hooker Co.....	Putty.....	2 05
166	May 1	Vaughan's Seed Store.....	Seeds.....	3 00
167	do	A. C. McClurg & Co.....	Stationery.....	2 40
168	do	A. H. Abbott & Co.....	Clay.....	6 30
169	May 8	The Alumni Assn.....	Advertising.....	3 25
170	do	Western Fuel Co.....	Fuel.....	105 17
171	do	A. P. W. Paper Co.....	Supplies.....	34 25
172	do	Aranoff & Morris.....	Bookbinding.....	23 40
173	do	International Forwarding Co.....	Duty.....	11 30
174	do	Chicago Addressing Co.....	Labor.....	11 36
175	do	Greek-American Sponge Co.....	Sponges.....	15 00
176	do	Central Scientific Co.....	Supplies.....	17 95
177	do	Morrisson, Plummer & Co.....	do.....	56 00
178	May 13	Morrisson, Plummer & Co.....	Drugs.....	10 59
179	do	Morrisson, Plummer & Co.....	Supplies.....	18 98
180	do	Physicians' Supply & Drug Co.....	do.....	4 80
181	do	Chicago Towel Co.....	do.....	24 00
182	do	The Hamblin Plumbing Co.....	Labor and material.....	38 59
183	May 15	W. H. Browne.....	Petty cash bills.....	90 32
184	do	W. H. Browne.....	do.....	89 41
185	May 17	City of Chicago.....	Inspection.....	5 25
186	do	Maas Brothers.....	Hardware.....	41 15
187	do	Neostyle Co.....	Supplies.....	6 65
188	do	Western Bank Note & Engraving Co.....	Diplomas.....	150 00
189	do	F. J. Burns & Co.....	Turtle.....	12 00
190	do	Central Scientific Co.....	Laboratory supplies.....	3 05
191	do	Central Scientific Co.....	Supplies.....	5 50
192	do	Goodhart's Laundry.....	Washing.....	44 89
193	do	H. M. Hooker Co.....	Glass.....	1 43
194	do	Illinois State Reformatory.....	Printing.....	20 00
195	do	Cameron, Amberg & Co.....	do.....	23 00
196	do	The People's Gas Light & Coke Co.....	Gas.....	35 52
197	May 19	L. J. Bernard.....	Rebate of tuition.....	45 00
198	May 31	F. E. Wynekoop.....	Salary, May, 1913.....	225 00

## COLLEGE OF MEDICINE WARRANTS, SERIES II—Continued.

No.	Date.	To whom.	For what.	Amount.
1913.				
199	May 31	F. L. Barbour.....	Salary, May, 1913.....	\$ 25 00
200	..do.	Stella M. Gardner.....	..do.	100 00
201	..do.	J. E. Haskell.....	..do.	31 25
202	..do.	B. Fantus.....	..do.	87 50
203	..do.	A. Gehrman.....	..do.	100 00
204	..do.	T. D. Burger.....	..do.	30 00
205	..do.	C. C. O'Byrne.....	..do.	129 00
206	..do.	E. F. Slavik.....	..do.	50 00
207	..do.	G. P. Dreyer.....	..do.	375 00
208	..do.	R. R. Rupert.....	..do.	175 00
209	..do.	L. C. Borland.....	..do.	175 00
210	..do.	W. C. Hawthorne.....	..do.	100 00
211	..do.	Howard S. Perry.....	..do.	25 00
212	..do.	Geo. N. Hiskey.....	..do.	40 00
213	..do.	J. S. Tomlinson.....	..do.	100 00
214	..do.	William Deckert.....	..do.	30 00
215	..do.	Simon David.....	..do.	40 00
216	..do.	Eshoo David.....	..do.	45 00
217	..do.	Elia George.....	..do.	40 00
218	..do.	Paul David.....	..do.	45 00
219	..do.	John Savage.....	..do.	40 00
220	..do.	Bert D. Coles.....	..do.	50 00
221	..do.	Joseph Klena.....	..do.	70 00
222	..do.	Harry S. Smith.....	..do.	70 00
223	..do.	James W. North.....	..do.	70 00
224	..do.	Anna R. Bolan.....	..do.	60 00
225	..do.	James Southwell.....	..do.	115 00
226	..do.	Eric Froberg.....	..do.	60 00
227	..do.	Elizabeth M. Heelan.....	..do.	60 00
228	..do.	Mrs. Josephine Allen.....	..do.	55 00
229	..do.	Mabel L. Arneson.....	..do.	60 00
230	..do.	H. W. Cole.....	..do.	60 00
231	..do.	Metta M. Loomis.....	..do.	75 00
232	..do.	W. H. Browne.....	..do.	216 66
233	May 21	H. W. Cole.....	Repairs.....	34 40
234	May 29	Central Scientific Co.	Laboratory supplies.....	6 00
235	May 31	The American Schoolmaster.....	Advertising.....	6 00
236	..do.	Morrison, Plummer & Co.	Drugs.....	3 15
237	..do.	H. Drenth.....	Labor.....	19 50
238	..do.	F. G. Hartwell Co.	Fuel.....	257 99
239	..do.	Chicago Telephone Co.	Service.....	11 42
240	..do.	Fuller & Fuller Co.	Metal polish.....	6 00
241	..do.	V. Mueller & Co.	Supplies.....	3 40
242	..do.	Central Scientific Co.	Laboratory apparatus.....	19 16
243	..do.	Illinois State Reformatory.....	Printing.....	24 25
244	..do.	Jenkins Brothers.....	Hardware.....	8 59
245	..do.	Enterprise Works.....	Labor and material.....	5 00
246	June 13	High School Life.....	Advertising.....	30 00
247	..do.	V. Mueller & Co.	Instruments.....	6 35
248	..do.	The Garlock Packing Co.	Packing.....	10 00
249	..do.	F. G. Hartwell Co.	Fuel.....	158 88
250	..do.	Western Fuel Co.	..do.	109 47
251	..do.	H. Drenth.....	Hauling.....	19 50
252	..do.	Maas Brothers.....	Hardware.....	10 53
253	..do.	Demonstrators Assn. of Illinois.....	Cadavers.....	45 00
254	..do.	Ahrens & Schreiner.....	Groceries.....	9 68
255	..do.	Fuller & Fuller Co.	Drugs, etc.....	11 33
256	..do.	Morrison, Plummer & Co.	Drugs.....	9 44
257	..do.	J. B. Galloway.....	Mould and die.....	2 16
258	..do.	Goodhart's Laundry.....	Washing.....	35 54
259	..do.	Chicago Towel Co.	Supplies.....	24 00
260	..do.	Crane Co.	Hardware.....	7 82
261	..do.	Perkins Machine Co.	Labor.....	158 50
262	..do.	Illinois Malleable Iron Co.	Material.....	1 27
263	..do.	J. M. Smith.....	Labor.....	2 80
264	..do.	The Hamblin Plumbing Co.	Labor and material.....	7 50
265	June 16	Riddiford Brothers.....	Brooms and brushes.....	15 50
266	..do.	Remington Typewriter Co.	Inspection.....	5 00
267	June 19	Dillingham & Connor.....	Rental.....	150 00
268	June 25	High School Life.....	Advertising.....	30 00
269	..do.	Marshall Field & Co.	Cotton web.....	6 50
270	..do.	The People's Gas Light & Coke Co.	Gas.....	28 32
271	..do.	People's Gas Light & Coke Co.	..do.	18 56
272	..do.	The Fair.....	Ribbon.....	4 90
273	..do.	Chicago Telephone Co.	Service.....	15 60
274	..do.	Cameron, Amberg & Co.	Stationery.....	2 45
275	..do.	Rounds-Truman Co.	Engraving.....	33 75
276	..do.	Kasen's Express & Van Co.	Service.....	4 50
277	..do.	Knickerbocker Ice Co.	Ice.....	7 50

COLLEGE OF MEDICINE WARRANTS, SERIES II-- *Concluded.*

No.	Date.	To whom.	For what.	Amount.
	1913.			
278	June 25	Timponi's Orchestra.....	Services.....	\$ 45 00
279	do.....	J. H. Duguid.....	Teaching.....	50 00
280	do.....	H. K. Mulford Co.....	Chemicals.....	9 60
281	do.....	Physician's Supply & Drug Co.....	Coats.....	2 00
282	do.....	Jacobs & Holmes.....	Printing.....	32 00
283	do.....	McDonald & Co.....	Printing reports.....	6 75
284	do.....	H. M. Hooker Co.....	Glass.....	3 40
285	do.....	Central Marine Works.....	Labor.....	6 90
286	do.....	H. W. Cole.....	Repair work.....	11 30
287	do.....	Thayer & Lynn.....	Repairing commutator.....	2 25
288	do.....	Henry Newgard & Co.....	Labor.....	12 10
289	do.....	Fuller & Fuller Co.....	Drugs.....	26 25
290	do.....	McMaster-Carr Supply Co.....	Supplies.....	13 02
291	do.....	Morrison, Plummer & Co.....	Drugs.....	11 08
292	June 30	H. S. Smith.....	Salary, June, 1913.....	80 00
293	do.....	Elia George.....	do.....	40 00
294	do.....	Simon David.....	do.....	40 00
295	do.....	William Deckert.....	do.....	30 00
296	do.....	Mable L. Arneson.....	do.....	60 00
297	do.....	Anna R. Bolan.....	do.....	60 00
298	do.....	W. H. Browne.....	do.....	216 66
299	do.....	Bert D. Coles.....	do.....	50 00
300	do.....	H. W. Cole.....	do.....	60 00
301	do.....	Eshoo David.....	do.....	45 00
302	do.....	Paul David.....	do.....	45 00
303	do.....	Eric Froberg.....	do.....	60 00
304	do.....	Metta M. Loomis.....	do.....	75 00
305	do.....	J. W. North.....	do.....	70 00
306	do.....	John Savage.....	do.....	40 00
307	do.....	James Southwell.....	do.....	115 00
308	do.....	J. S. Tomlinson.....	do.....	100 00
309	do.....	Josephine Allen.....	do.....	55 00
310	do.....	Geo. N. Hiskey.....	do.....	40 00
311	do.....	F. L. Barbour.....	do.....	25 00
312	do.....	R. R. Rupert.....	do.....	100 00
313	do.....	Geo. P. Dreyer.....	do.....	100 00
314	do.....	C. O'Byrne.....	do.....	100 00
315	June 26	Chicago Savings Bank & Trust Co.....	Interest payment.....	1,800 00
316	do.....	Louis E. Larsen.....	do.....	1,900 00
317	do.....	Frank B. Earle.....	do.....	3,270 00
318	June 27	The Chicago Real Estate Board.....	Valuation certificate.....	268 75
319	June 30	Commonwealth Edison Co.....	Electricity.....	2 40
320	do.....	Demonstrator's Assn. of Illinois.....	Cadavers.....	41 00
321	do.....	Kasen's Express & Van Co.....	Service.....	2 55
322	do.....	Alvord & Burdick.....	Drawing.....	11 45
323	do.....	The Western Union Telegraph Co.....	Service.....	12 00
324	do.....	Central Scientific Co.....	Laboratory supplies.....	7 11
325	do.....	Perkins Machine Co.....	Repairs.....	68 20
326	do.....	Chicago Savings Bank & Trust Co.....	Interest.....	4 50

# **PROCEEDINGS OF THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS FOR THE YEAR ENDING JUNE 30, 1914.**

---

## **Meeting of July 2, 1913.**

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 Wednesday, July 2, 1913, beginning at 10 A.M., pursuant to the following notice which was sent out by the secretary on June 27, 1913:

By order of the president, Mr. W. L. Abbott, a special meeting of the Board of Trustees of the University of Illinois will be held in the trustees' room, at the University, in Urbana, on Wednesday, July 2, 1913, beginning at 10:00 A.M., to act on reports of committees, recommendations of the President of the University, and such other matters as may be duly presented.

When the board convened, the following members were present: Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson. President James was present.

## **CONSIDERATION OF MINUTES DEFERRED.**

The minutes of the meeting of June 25, 1913, being presented in manuscript only and not in print (it having been impossible on account of the shortness of time between the two meetings to have them in print), consideration of these minutes was deferred until the next meeting.

## **REPORT OF THE FINANCE COMMITTEE: ARRANGEMENT FOR HANDLING VOUCHERS.**

Mr. Moore, as Chairman of the Finance Committee, reported that the committee had considered the request of the comptroller that he be authorized to sign the names of the President and Secretary of the Board of Trustees, and to attach the corporate seal of the University, to such itemized vouchers as are by law subject to such procedure (this request having been referred to the Finance Committee by the board at its meeting of June 25, 1913, page 270), and that the committee recommended that this request of the comptroller be approved.

In accordance with this recommendation of the Finance Committee, it was voted to approve the comptroller's request relating to this matter.

## **BUDGET CLASSIFICATION.**

Mr. Moore reported also that the Finance Committee had considered the proposed form of budget classification, drafted by a University committee and referred by the board, at its meeting of June 25, 1913 (page 270), to the Finance Committee for consideration, and that in a general way and as a method of procedure the committee approved this form.

On motion of Mr. Moore, it was voted that the President of the University be authorized to prepare the budget in accordance with this form, with such modifications as may be necessary.

## REPORT OF THE COMMITTEE ON BUILDINGS AND GROUNDS.

Mrs. Busey presented the following report from the Committee on Buildings and Grounds:

### EXTENSION OF THE HEAT, LIGHT AND POWER PLANT.

(1) The supervising architect presented the report upon the proposed extension of the University heat, light, and power plant, the consideration of which was referred to this committee with power [page 273], together with an appropriation of fifty thousand dollars (\$50,000), for the execution of the work.

The various points discussed by the Engineering College Faculty Committee in their report were considered, and the final action was to approve the recommendations of the Faculty Committee with reference to the tunnel extensions and to modify the recommendations with reference to the 10-inch steam line south of the tunnels, changing this line to an 8-inch. This committee, therefore, authorized the carrying of an 8-inch high pressure steam line with the necessary returns from the new boiler-house to the new law school junction; the construction of tunnels of the east-west line through the Auditorium and for a distance of 800 feet south on Mathews Avenue and 300 feet south on Wright Street, with a 10-inch steam main and the necessary returns; and the extension from the ends of these tunnels south in conduit to reach the new buildings south of the Auditorium, using 8-inch mains as far as they form a part of the main loop, and branch mains of the proper size to supply the several buildings.

The foregoing section, No. 1, of the report of the Committee on Buildings and Grounds, involving an appropriation of fifty thousand dollars (\$50,000) for an extension of the heat, light, and power plant, was received for record.

(2) The committee considered the general repair budget which was referred to it by the board with power [page 273], and authorized it as a whole, with the reservation that no single repair item should be included which exceeded \$500 in amount. This repair budget totaled seventeen thousand sixty dollars (\$17,060).

The foregoing section, No. 2, of the report of the Committee on Buildings and Grounds, involving an appropriation of seventeen thousand sixty dollars (\$17,060) for the general repair budget as recommended by the supervising architect, was received for record.

(3) The Board of Trustees referred to this committee [page 274] for recommendation the question of campus lighting, and this committee recommends that six thousand dollars (\$6,000) be appropriated, as much thereof as may be found necessary to be used for the adequate lighting of the campus as far south as the Auditorium.

On motion of Mrs. Evans, the foregoing recommendation, involving an appropriation of six thousand dollars (\$6,000) for the lighting of the campus as far south as the Auditorium, was approved. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Meeker, Mr. Montgomery.

(4) The board referred for recommendation [page 274] the question of an addition to the library book stacks, and this committee recommends that the building be extended southward 24 feet at an estimated cost of twenty-seven thousand seven hundred dollars (\$27,700), which includes the building extension and elevator and the necessary book stacks to fill out the two top stories of the present stack and the first three stories of the new stack, which will provide space for 76,000 volumes. When it becomes necessary to provide additional book capacity, additional stacks can be placed on the upper two floors of the addition for the accommodation of 44,000 volumes.

On motion of Mrs. Busey, it was voted to concur in the foregoing recommendation, involving an appropriation of twenty-seven thousand seven hundred dollars (\$27,700) for an addition to the Library book stacks. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Meeker, Mr. Montgomery.

### IMPROVEMENTS TO BUILDINGS.

(5) The Board of Trustees referred to this committee for recommendation [page 394] a list of general building improvements which are listed below:

1. Freight truck .....	\$2,000 00
2. Deep well pump and motor .....	1,000 00
3. Clocks for buildings (10) .....	350 00
4. Boiler-house Drive—Springfield to Green .....	2,500 00
5. Paving Burrill Avenue from University Hall to Auditorium, 15 feet wide .....	2,500 00

6. Temperature control—			
Engineering Hall .....	\$3,000 00		
Natural History Building .....	2,400 00		
Chemical Laboratory .....	2,600 00		
			8,000 00
7. Vacuum cleaners—			
Lincoln Hall .....	\$ 700 00		
Woman's Building .....	850 00		
Natural History Building .....	1,000 00		
Library .....	500 00		
			3,050 00
8. Men's Gymnasium .....			8,000 00
9. Added furniture for Woman's Building .....			1,000 00
10. Shower baths and partitions, Woman's Building, first and second floors .....			5,300 00
11. Changes in basement corridor, Woman's Building .....			700 00
12. Furniture and equipment, Woman's Building (Household Science lecture-room) .....			1,560 00
13. Lighting facilities for Morrow Hall .....			185 00
14. Changing locks, Lincoln Hall .....			290 00
15. Metal bookcases, Lincoln Hall .....			4,830 00
16. Changes in Room 405, Lincoln Hall (N. E. corner room, fourth floor) .....			600 00
17. Changes in office of the Dean of the College of Arts and Sciences..			750 00
18. Changes in Room 318-320, University Hall (rooms occupied by Rhetoric Department) .....			400 00
19. Changes in Room 410, University Hall (former lecture-room, economics) .....			625 00
20. Changes in Room 118, Agr. Building (N. W. corner room, first floor) .....			1,200 00
21. Changes in Room 455-6, Agr. Building .....			110 00
22. Waterproofing basement, metal shops .....			250 00
23. Waterproofing basement, Transportation Building .....			500 00

The committee recommends that all of these improvements be authorized, except Nos. 1, 5, 16, and part of 18. The supervising architect was instructed to report further on Nos. 1 and 5, and No. 18 is recommended with the exception of an office which it was proposed to obtain by cutting off the end of a corridor.

On motion of Mrs. Henrotin, it was voted to concur in the foregoing recommendation, making an appropriation of forty thousand six hundred dollars (\$40,600) for the general building improvements listed above, with the exception of the items noted by the committee, namely, the items numbered 1, 5, 16, and part of 18. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Meeker, Mr. Montgomery.

#### REPORT OF COMMITTEE ON STUDENTS' WELFARE: ORCHESTRAL CONCERTS AUTHORIZED.

Mrs. Evans, as Chairman of the Committee on Students' Welfare, reported that the committee had considered the recommendation of the president that an appropriation not to exceed five thousand (\$5,000) be made for the support of orchestral concerts at the University, this recommendation having been referred to this committee at the meeting of June 25, 1913, with power to act (page 264); and that the committee had authorized the president of the University to arrange for a series of concerts as recommended, and to expend not to exceed five thousand dollars (\$5,000) for this purpose.

The foregoing report from the Committee on Students' Welfare was received for record.

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

President James presented the following matters for consideration:

##### APPROPRIATION FROM STUDENTS' HOSPITAL FUND FOR PORCH FURNITURE.

(1) A request from Mr. A. R. Warnock, Assistant Dean of Men, and Acting Chairman of the Committee on the Students' Hospital Association, for an appropriation of fifty dollars (\$50) from the Students' Hospital fund for the purchase of porch furniture for the porch recently built adjoining the students' ward at Burnham Hospital.

On motion of Mr. Blair, this recommendation was approved. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs.



Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Meeker, Mr. Montgomery.

#### LEAVE OF ABSENCE FOR DEAN GOSS.

(2) A request from Dr. W. F. M. Goss, Dean of the College of Engineering, for a leave of absence from the University, without salary, for one year, beginning July 1, 1913, in order that he might be able to act as chief engineer to the Committee of the Chicago Association of Commerce which is investigating the question of smoke abatement and the electrification of railway terminals.

On motion of Mr. Trevett, it was voted that this request be granted.

#### PROPOSED BARBECUE FOR ILLINOIS CATTLE FEEDERS' ASSOCIATION.

(3) A request from Mr. H. W. Mumford, Professor of Animal Husbandry, for permission to furnish a picnic dinner and barbecue in connection with the convention of the Illinois Cattle Feeders' Association, which is to be held at the University on July 15, 1913, the expense of such a dinner and barbecue being estimated at four hundred dollars (\$400).

After full discussion, Mr. Hoit stated that in order to bring the matter to a vote he would move that an appropriation of five hundred dollars (\$500) be made for the entertainment of the Illinois Cattle Feeders' Convention. This motion was lost. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit; noes, Mr. Blair, Mrs. Busey, Mr. Moore, Mr. Trevett, Miss Watson; absent, Mr. Dunne, Mr. Meeker, Mr. Montgomery.

#### THE GENERAL QUESTION OF ENTERTAINMENT OF GUESTS.

On motion of Mrs. Henrotin, it was voted that the general question of the form of entertainment to be provided for guests of the University be referred to a special committee, to be appointed by the Chair, which should attempt to formulate some general rules for the guidance of the administration in this matter.

#### LABORATORY FEES IN ZOOLOGY.

(4) A recommendation from the Council of Administration that the fee of two dollars (\$2) now charged in Zoölogy 13 be omitted, for the reason that this course has now been made exclusively a lecture course; and a further recommendation that a fee of one dollar (\$1) per hours in each case be charged in Zoölogy 13a and Zoölogy 15a (laboratory courses).

On motion of Mrs. Busey, these recommendations of the Council of Administration were approved.

#### THE GENERAL QUESTION OF STUDENT FEES.

On motion of Mr. Blair, it was voted that a special meeting be constituted, to consist of the President of the University, the President of the Board of Trustees, and one other member of the board, to be appointed by the Chair, to consider the subject of student fees and report to the board.

The board then took a recess until 1:15 P.M.

#### AFTERNOON SESSION.

When the board convened after the recess, the following members were present: Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson. President James was present.

#### REPORT OF THE COMMITTEE ON THE COLLEGE OF MEDICINE.

Dr. Montgomery, as Chairman of the Committee on the College of Medicine and the School of Pharmacy, reported that the committee had given thorough consideration to the recommendations submitted by the President of the University relating to the reorganization of the College of Medicine,

the re-opening of the College of Dentistry, and the appropriations necessary to be made for the support of these departments, and that the committee unanimously recommended the adoption by the board of the president's recommendations relating to these matters.

### REORGANIZATION OF COLLEGE OF MEDICINE.

President James, then, at the request of Dr. Montgomery, presented his recommendations with reference to the College of Medicine as follows:

That the school be divided into two colleges, Junior and Senior, including respectively the freshman and sophomore years and the junior and senior years, corresponding roughly to what may be called the underlying scientific or laboratory departments on the one hand and the clinical departments on the other.

That a dean of the Senior College be appointed, with authority as hitherto under the statutes of the board, subject to such limitations as may be implied by the appointment of a dean of the Junior College, and with special authority over matters relating to the clinical years.

That a dean of the Junior College be appointed, who with the persons giving instruction in the freshman and sophomore years shall constitute the faculty of the Junior College, this faculty to be responsible for the work of instruction and administration of the first two years in the College; and that the instructors of professional rank in the Junior College shall constitute the Executive Faculty of the Junior College, and shall have entire control of recommendations for the promotion of students from the freshman to the sophomore class and from the sophomore to the junior class.

That the admission of students to the College of Medicine shall be in charge of the registrar of the University in exactly the same way as the admission of students to other departments is now in charge of this officer.

That the Clinical Faculty shall consist of the dean of the Senior College and the persons who give instruction in clinical work; and that the instructors of professional rank in the clinical departments shall constitute the Executive Faculty of the Senior College, and shall be entrusted with full power in regard to the promotion of students from the junior to the senior year and the recommendation of students for graduation.

That all matters of general interest to both Junior and Senior colleges shall be discussed in meetings of the joint faculty, consisting of the faculties of both colleges; and that all recommendation in such matters shall be made by the combined executive faculties of the Junior and Senior colleges, under the chairmanship of the Dean of the Senior College.

That the following fundamental departments be organized as soon as possible in the Junior College, governing the subjects indicated in the titles, namely, anatomy, physiology, pathology.

That the other subjects in the Junior College shall be grouped for the present about these three subjects, in so far as is feasible and suitable; and that an experienced scholar and teacher shall be appointed as head of each of these departments, who shall be responsible in a general way for the organization and administration of each respective department; the other subjects falling properly within the scope of the Junior College to be organized under the charge of assistant or associate professors, though it will be desirable to create full professorships for physiological chemistry, bacteriology, hygiene and materia medica and therapeutics as soon as possible.

On motion of Dr. Montgomery, it was voted that the recommendations of President James with reference to the College of Medicine be concurred in, and that he be authorized to proceed with the reorganization of the school, and that an appropriation be made for two years of one hundred thousand dollars (\$100,000) per annum plus the fees to be collected from the medical students. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Evans, Mrs. Henrotin, Mr. Hoyt, Mr. Montgomery, Miss Watson; no, Mr. Trevett; present but not voting, Mrs. Busey, Mr. Moore; absent, Mr. Dunne, Mr. Meeker.

### REOPENING OF THE COLLEGE OF DENTISTRY.

President James, at the request of Dr. Montgomery, presented his recommendation with reference to the re-opening of the College of Dentistry as follows:

That the President of the University be authorized to proceed with the reorganization of the College of Dentistry and to make a definite announcement that this college will be reopened October 1, 1913, the condition of admission being graduation from a four-year high school or the equivalent.

It is estimated that for a salary list of fifteen thousand dollars (\$15,000) per annum for the specifically dental subjects (i.e., not including chemistry, physiology, etc., which would be carried on the medical budget) a satisfactory organization

could be secured of the departments of operative dentistry, prosthetic dentistry, oral surgery and pathology, bacteriology, materia medica and therapeutics, porcelain art, orthodontia and histology, comparative anatomy and anesthesia and physical diagnosis, and that this amount would provide also for the salaries of the superintendent of the Infirmary, the dean, and the office force. In addition to this it would be necessary to put in an equipment which would cost upward of twenty thousand dollars (\$20,000), aside from the ordinary painting, repairs, etc., of the Chemical Building.

It is estimated that there will be an attendance of seventy-five students for the next year, and a probable income of between eleven and twelve thousand dollars.

On motion of Dr. Montgomery, it was voted that the recommendations of President James with reference to the College of Dentistry be adopted, and that appropriations of twenty thousand (\$20,000) for equipment and fifteen thousand dollars (\$15,000) for salaries for the coming year be made, these appropriations to be chargeable against the appropriation made for the College of Medicine. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; no, Mrs. Busey; absent, Mr. Dunne, Mr. Meeker.

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

President James presented the following matters for consideration:

##### APPROPRIATION FOR SUMMER SESSION, COLLEGE OF MEDICINE.

(1) A request that an appropriation of one thousand dollars (\$1,000) be made to defray the expenses of the summer session of the College of Medicine.

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

##### STATEMENT CONCERNING OUTCOME OF LEGISLATIVE CAMPAIGN.

(2) A statement in regard to the outcome of the recent legislative campaign. This statement was received to be printed in the minutes:

I have received from the Governor's secretary an unofficial statement that the following items contained in the omnibus bill have all been approved by the Governor in his approval of the omnibus bill:

(a) An appropriation for the payment of the interest on the endowment fund of the University, sixty-four thousand dollars (\$64,000), more or less, for the biennium.

(b) A special appropriation for additional investigations to be conducted by the Water Survey, twenty-one thousand five hundred dollars (\$21,500) per annum.

(c) An appropriation for mechanics' and miners' institutes, fifteen thousand dollars (\$15,000) per annum.

(d) Appropriations for the State Laboratory of Natural History, ten thousand dollars (\$10,000) per annum.

The bill has also been passed which provides for turning over to the University the federal funds which are appropriated by the Federal Government for the support of the land grant colleges.

This is, with a single exception a very satisfactory closing of the legislative campaign made on behalf of the University during the present session. A sum of four and a half millions of dollars, supposed to be practically the entire proceeds of the mill tax, was appropriated to the University in two items. The attempt which was made to place upon the proceeds of the mill tax the payment of interest on the endowment fund, the additional appropriation for the Water Survey, and the appropriations for the Geological Survey, the State Entomologist's office, the State Laboratory of Natural History, and the mechanics' and miners' institutes, was unsuccessful, so that under these heads a considerable sum of money was appropriated for doing work either under the direction of or closely associated with the University, for the direct benefit of the State at large.

The only drawback to complete success in the plans approved by the trustees was the change in the method of doing University business involved in leaving the funds appropriated from the proceeds of the mill tax in the State treasury until used, instead of transferring these funds when they become due and payable to the University treasurer and making payments through him. This change in the method of payment involves a considerable temporary loss in the 2 per cent interest which the University treasurer has contracted to pay on daily balances in his hands, and the further loss in some instances of the 2 per cent discount usually allowed for cash, since it is probable that the delays incident to payment through the State Treasurer's office will cost the University this particular advantage.

**PAYMENT OF INTEREST, COLLEGE OF MEDICINE LIABILITIES.**

(3) A letter from Professor George E. Frazer, Comptroller, containing a report of the payment of interest falling due on July 1, 1913, on mortgages and bonds outstanding of the College of Physicians and Surgeons.

This letter was received to be printed in the minutes:

URBANA, ILL., July 1, 1913.

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

DEAR SIR: On June 27, 1913, I mailed College of Medicine warrants in payments in full of the interest falling due on July 1 on the mortgages and bonds outstanding of the College of Physicians and Surgeons.

Warrant No. 316 for nineteen hundred dollars (\$1,900) was sent to Mr. Louis E. Larsen, Secretary, Chicago Board of Education, in payment of the semi-annual interest on the mortgage notes executed by the College of Physicians and Surgeons to the Board of Education. The amount (\$1,900) represents 2½ per cent on the seventy-six thousand dollars (\$76,000) outstanding.

Warrant No. 317 for thirty-two hundred and seventy dollars (\$3,270) was mailed to Dr. Frank B. Earle, as trustee for the bondholders of the 6 per cent bond issue of 1901, College of Physicians and Surgeons.

Warrant No. 315 for eighteen hundred dollars (\$1,800) was mailed to the Chicago Savings Bank and Trust Co., as trustee of the bondholders of the 6 per cent bond issue of 1912, College of Physicians and Surgeons.

Doctor Earle and the Chicago Savings Bank and Trust Company are mentioned as trustees, respectively, in the bonds issued in 1901 and 1912.

Very truly yours,

GEO. E. FRAZER, *Comptroller.*

**EXTENSION OF MORTGAGE NOTE, COLLEGE OF MEDICINE.**

(4) A letter from Professor George E. Frazer, Comptroller, containing a report of the effort made, pursuant to the instructions given by the Board of Trustees at the meeting of June 25, 1913 (page 269), to obtain from the Chicago Board of Education an extension of the mortgage note for ten thousand dollars (\$10,000) executed by the College of Physicians and Surgeons, which matured July 1, 1913.

This communication was received to be printed in the minutes:

URBANA, ILL., July 1, 1913.

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

DEAR SIR: On June 27, 1913, an interview was held between Mr. Louis E. Larsen, Secretary of the Chicago Board of Education and President W. L. Abbott, Dean O. A. Harker, Doctor D. A. K. Steele, and myself, at the office of Mr. Larsen. The purpose of the interview was to request from the Board of Education an extension on a mortgage note for ten thousand dollars (\$10,000) executed by the College of Physicians and Surgeons, which matures July 1, 1913.

It was stated by Secretary Larsen that the Board of Education would make no effort to foreclose the mortgage in default of payment on July 1, provided that the University would undertake to pay the ten thousand dollars before November 1, 1913. Secretary Larsen desires a formal request from the Board of Trustees for an extension of this ten thousand dollar note to November 1, 1913.

It was strongly urged upon Secretary Larsen that the University desires an extension of the mortgage notes held by the Board of Education for at least two years. Mr. Larsen agreed to transmit such a request from the Board of Trustees to the Board of Education together with any statement that the University might wish to present as to why such an extension is desired.

Very truly yours,

GEO. E. FRAZER, *Comptroller.*

**PROFESSOR RICHARDS MADE ACTING DEAN OF THE COLLEGE OF ENGINEERING.**

(5) A recommendation that Mr. C. R. Richards, Professor and Head of the Department of Mechanical Engineering, be appointed Acting Dean of the College of Engineering and Acting Director of the Engineering Experiment Station, for the term of one year beginning July 1, 1913.

On motion of Mr. Blair, this recommendation was concurred in.

**OPTION ON REINHART PROPERTY.**

(6) A recommendation that the comptroller be authorized to pay six hundred dollars (\$600) for a sixty-day option to purchase, for seven thousand six hundred dollars (\$7,600), the ten acres known as the Reinhart tract, lying between First Street and the Illinois Central Railroad, immediately south of the Athletic Association grounds, the six hundred dollars (\$600) to apply on the purchase price if the option is exercised.

On motion of Mr. Hoyt, this recommendation was approved, and the appropriation of six hundred dollars (\$600) involved was made. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs.

Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Meeker.

#### THE QUESTION OF THE PURCHASE OF LAND.

(7) A recommendation that a special committee be appointed to consider the general question of the purchase of land, to which committee the various requests which come in relation to this matter may be referred.

On motion of Mrs. Busey, this question of the purchase of land was referred to the Finance Committee for consideration and report.

#### CELEBRATION OF FIFTIETH ANNIVERSARY.

(8) A recommendation that the President of the University be authorized to submit a plan for a fitting celebration in 1918 of the fiftieth anniversary of the opening of the University of Illinois.

On motion of Mr. Moore, this recommendation was approved.

#### ADDITIONAL STENOGRAPHER, COLLEGE OF MEDICINE.

(9) A request from Mr. William H. Browne, Superintendent of the College of Medicine, for an additional stenographer in his office, at a salary of sixty dollars (\$60) a month; with a recommendation that the President of the University be authorized to make such an appointment, if, after examination of the situation, it seems to be advisable.

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

#### UNIVERSITY PRESS.

(10) A recommendation that the President of the University be authorized to submit a plan for the organization of a department to be known as the University of Illinois Press, to take over as rapidly as may be convenient the printing and publishing of University publications.

On motion of Mr. Blair, this recommendation was concurred in.

#### DR. DAVID KINLEY APPOINTED VICE-PRESIDENT.

(11) A recommendation that Dr. David Kinley be appointed Vice-President of the University for one year beginning July 1, 1913.

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

#### APPROPRIATION FOR EXPENSES OF CONVOCATIONS.

(12) A recommendation that the President of the University be authorized to invite a number of distinguished men to deliver addresses before the University convocations during the coming year, and that an appropriation of one thousand dollars (\$1,000) be made to defray the expenses of such addresses.

On motion of Mr. Blair, this recommendation was approved, and an appropriation of one thousand dollars was made for this purpose. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Meeker.

#### EXPENSE ACCOUNT OF LEGAL COUNSEL.

(13) A bill for the expenses of Judge O. A. Harker, Legal Counsel of the University on University business during the year 1912-13, amounting to one hundred two dollars and fifty-five cents (\$102.55).

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

### APPROPRIATION FOR SUNDAY EVENING ADDRESSES.

(14) The following request from the pastors of the churches working near the University for cooperation in the holding of all University undenominational religious services, accompanies by a letter from Rev. E. W. Blakeman descriptive of the exercises of this kind held at the University of Wisconsin:

*President E. J. James, Urbana, Ill.*

DEAR SIR: I am writing as the representative of the churches working about the University.

It has seemed to us, after discussion, that an all-University religious service at certain stated times, participated in jointly by the University and the religious forces about the campus, is greatly to be desired. It would be of value to all concerned, we feel sure. We would be glad to have the University inaugurate such a service, bringing here speakers of national reputation—Jews, Catholics, and Protestants—men whom we can be sure will rise above sectarian speech. We suggest that one Sunday night each month during the heart of the school year be set apart for this purpose. We will gladly cooperate in any way that we can to make the plan a success, should it meet the approval of the University authorities.

Kansas University has a weekly vesper service of this sort, in addition to a religious week some time during the year—corresponding in the religious field somewhat to our Short Course in Agriculture here. The University of Minnesota is just inaugurating a weekly Sunday vesper service. The University of Wisconsin has rather an individual plan—the details of which are given in the enclosed letter from Mr. Blakeman, of Wisconsin, to Mr. Baker. Indeed the movement toward something of this character among the State institutions seems quite general.

Respectfully yours,

MARTIN E. ANDERSON,  
JAMES C. BAKER.

10 March, 1913.

### [REV. MR. BLAKEMAN'S LETTER.]

MADISON, WIS., January 24, 1913.

*Rev. James C. Baker, D.D., Urbana, Ill.*

DEAR BROTHER BAKER: The "Convocation Series" concerning which you make inquiry was brought about by the University Pastors' Association at the University of Wisconsin about as follows:

The pastors of the five denominations with the Christian Association secretaries form, with us, one group known as the University Pastors' Association. We called upon the President of the University and stated the advisability of having the students in an all-University assembly, addressed occasionally by great teachers, preachers, and reformers. We proposed that from a list of ten nominated by us, the president elect five. That each of the five be invited by the University, upon a consideration of \$100, to deliver a "Convocation Address," and then be retained by the Pastors' Association for a series of religious addresses over a week end. The President and the Regents of the University approved, and the plan works successfully.

Such men as Bishop McDowell, Hugh Black, President Vincent, Henry Van Dyke, Bishop McConnell, and Chancellor Strong have been with us. During the visit we usually have a luncheon to which members of the faculty only, with the pastors, are invited. At this time certain student moral and spiritual problems are discussed. These meetings have been as fruitful of suggestion as any it has been my privilege to attend. Different members of the faculty speak, and the guest is early made acquainted with the professors. He then feels at home in our midst and much freedom results.

Hoping that during future years we may at times exchange speakers with Illinois in some way, and wishing you continued success in the work of the church at Urbana-Champaign, I am

Yours fraternally,

E. W. BLAKEMAN.

On motion of Mrs. Busey, it was voted that the President of the University be authorized to organize a series of Sunday evening addresses by representatives of various religious denominations, and that an appropriation of one thousand dollars (\$1,000) be made to defray the expense of these addresses. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Meeker.

### DIRECTORY OF MATRICULANTS.

(15) A recommendation that the President of the University be authorized to issue a directory which shall include a list of all students who have attended the University since its opening in 1868, with information as to the period of residence, degree or degrees held, present occupation, and present address, of each person, with such other information as may be conveniently obtained and printed; the estimated cost of publication being sixty-five hundred dollars (\$6,500).

On motion of Mr. Hoit, this recommendation was approved, and the appropriation of sixty-five hundred dollars (\$6500) involved was made. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans,

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

**APPROPRIATIONS FOR THREE MONTHS ON THE BASIS OF THE LAST BUDGET.**

(16) A recommendation that appropriations be made on the basis of the appropriations to the last budget, adopted July 5, 1912, for the three months beginning July 1, 1913, or until a new budget shall have been submitted and approved.

On motion of Mrs. Busey, this recommendation was concurred in. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Meeker.

**PLANS FOR NEW BUILDINGS.**

Prof. James M. White, Supervising Architect, presented plans for the addition to the Natural History Building (estimated cost, \$65,000) and the addition to the Chemical Laboratory (estimated cost, exclusive of furniture and equipment, \$235,000).

**AUTHORITY TO PROCEED WITH PLANS FOR THE ADDITION TO THE BOILER HOUSE.**

President James presented a recommendation that the supervising architect be instructed to proceed with plans for the addition to the University boiler-house.

On motion of Mr. Hoit, this recommendation was concurred in.

**PLANS FOR ADDITION TO THE CHEMICAL LABORATORY APPROVED.**

President James recommended also that the plans submitted by the supervising architect for the addition to the Chemical Laboratory be approved in general, subject to such modifications as may be necessary, and that the supervising architect be directed to proceed with the detailed plans for this addition.

This recommendation was approved.

**AUTHORITY TO PROCEED WITH PLANS FOR THE CERAMICS BUILDING.**

On motion of Mrs. Busey, it was voted that the supervising architect be instructed to proceed with plans for a Ceramics Building, to cost approximately sixty-five thousand dollars (\$65,000).

**AUTHORITY TO PROCEED WITH PLANS FOR THE COMPLETION OF THE NATURAL HISTORY BUILDING.**

President James presented a recommendation that the general plan submitted by the supervising architect for the completion of the Natural History Building be approved, and that the supervising architect be directed to proceed with the detailed plans for this addition.

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

At this point Mr. Moore withdrew.

**RECOMMENDATIONS IN REGARD TO APPOINTMENTS.**

President James presented recommendations that appointments be made as follows:

(1) Andrews, Orrel M., Artist in the Scientific Departments, for twelve months beginning September 1, 1913, at a salary of one thousand dollars (\$1,000) for the year.

(2) Bates, Stuart J., Instructor in Chemistry, for ten months beginning September 1, 1913, at a salary of one hundred dollars (\$100) a month.

(3) Broderson, Henry J., Instructor in Chemistry, for ten months beginning September 1, 1913, at a salary of one hundred twenty dollars (\$120) a month.

(4) Buchen, Walter, Assistant in English, for ten months beginning September 1, 1913, at a salary of one hundred fifty dollars (\$150) a month.

(5) Burns, Josephine E., Instructor in Mathematics, for ten months beginning September 1, 1913, at a salary of one hundred dollars (\$100) a month.

(6) Corrubia, Angelo B. M., Instructor in Architecture, for ten months beginning September 1, 1913, at a salary of one hundred sixty dollars a month.

(7) Curl, M. J., Instructor in English, for ten months beginning September 1, 1913, at a salary of one hundred forty dollars (\$140) a month.

(8) Forsythe, James H., Instructor in Architecture, for ten months beginning September 1, 1913, at a salary of one hundred fifty dollars (\$150) a month.

(9) Geyer, D. L., Assistant in Philosophy, on half time, for ten months beginning September 1, 1913, at a salary of fifty dollars (\$50) a month.

(10) Jones, E. S., Instructor in English, for ten months beginning September 1, 1913, at a salary of one hundred twenty dollars (\$120) a month.

(11) McDougall, Walter B., Instructor in Botany, for ten months beginning September 1, 1913, at a salary of one hundred twenty dollars (\$120) a month.

(12) Schoepperle, Gertrude, Instructor in English, for ten months beginning September 1, 1913, at a salary of one hundred thirty dollars (\$130) a month.

(13) Seymour, Lurene, Associate in Household Science, for one year beginning September 1, 1913, at a salary of eighteen hundred dollars (\$1,800) for the year.

(14) Shepherd, Queen L., Instructor in Philosophy, for ten months beginning September 1, 1913, at a salary of one hundred ten dollars (\$110) a month.

(15) Smith, L. D., Instructor in Chemistry, for ten months beginning September 1, 1913, at a salary of one hundred dollars (\$100) a month.

(16) Wahlin, Gustav E., Associate in Mathematics, for two years beginning September 1, 1913, at a salary of fourteen hundred dollars (\$1,400) per annum.

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

#### AUTHORITY FOR APPOINTMENT OF DR. KINGSLEY.

President James presented also the following recommendation:

That the President of the University be authorized to appoint Dr. John Sterling Kingsley, now of Tufts College, to be Professor of Zoölogy, at a salary of thirty-five hundred dollars (\$3,500) per annum, service and salary to begin September 1, 1913; further, that the sum of one thousand dollars (\$1,000) be appropriated for the purchase of special equipment in the field of zoölogy, to be selected by Professor Kingsley and approved by the President of the University; further, that the sum of one thousand dollars (\$1,000) be appropriated for the purchase of books for the Department of Zoölogy, to be selected by Professor Kingsley and approved by the President of the University; and further, that (subject to the necessity of assignment for other purposes) Room 317, Natural History Building, be assigned for the use of Professor Kingsley as an office and private study, and be provided with a roll top desk and desk chair, a laboratory desk, a table about 3½x6 feet, two chairs, a lavatory, gas and air connections for the laboratory desk, and three sections of steel wall cases, at a total estimated cost of two hundred twenty-five dollars (\$225).

On motion of Dr. Montgomery, the foregoing recommendations were concurred in, and the appropriations involved were made. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Meeker, Mr. Moore.

The board adjourned.

W. L. ABBOTT, *Président*.

C. M. McCONN, *Secretary*.



## Meeting of July 23, 1913.

A special meeting of the Board of Trustees of the University of Illinois was held at the La Salle Hotel, in the city of Chicago, on Wednesday, July 23, 1913, beginning at 10 A.M., pursuant to the following notice which was sent out by the secretary on July 15, 1913:

Upon the call of the president, Mr. W. L. Abbott, a special meeting of the Board of Trustees of the University of Illinois will be held at the LaSalle Hotel, in the city of Chicago, on Wednesday, July 23, 1913, beginning 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: Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson. President James was present.

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

President James presented the following matters for consideration:

#### BILL FROM UNIVERSITY TREASURER FOR OFFICE EXPENSES.

(1) A bill from Mr. M. W. Busey, Treasurer, for clerk hire and office expense for the period from April 1, 1913, to July 1, 1913, amounting to one hundred fifty dollars (\$150); it appears that the Board of Trustees has never thus far made an appropriation for this purpose, although there is a precedent for the payment of such office expenses of the University treasurer.

On motion of Mrs. Henrotin, the question of the payment of this bill was referred to the Finance Committee, with power to act; the vote being as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Hoit, Mr. Meeker.

#### PROPOSED EXHIBIT AT THE PANAMA-PACIFIC EXPOSITION.

(2) A request that the University of Illinois send an exhibit to the Panama-Pacific International Exposition to be held in San Francisco in 1915; with the recommendation that this request be referred to the supervising architect for a report as to the desirability of such an exhibit and an estimate of the cost.

There being no objection, it was so ordered.

#### PROPOSED INCREASE OF ENTRANCE REQUIREMENTS OF THE SCHOOL OF PHARMACY.

(3) The following letter from Mr. W. B. Day, Acting Dean of the School of Pharmacy transmitting a recommendation of the Advisory Board of the School of Pharmacy that the entrance requirements of the school be gradually increased until the requirement of high school graduation is reached.

This letter was received to be printed in the minutes:

CHICAGO, ILL., July 3, 1913.

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

DEAR SIR: The annual meeting of the Advisory Board to the School of Pharmacy was held on Friday, June 20. There were present Messrs. Herman Fry, E. H. Ladish, and A. G. C. Ackerman, and the secretary. The affairs of the school were discussed, and the following resolution was unanimously adopted:

"The Advisory Board recommends that the entrance requirements of the School of Pharmacy be increased gradually until high school graduation is reached. We recommend that due notice be given of such increase in requirements so as to permit drug clerks to prepare themselves accordingly."

Respectfully submitted,

W. B. DAY, Secretary.

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

(4) A letter from Mr. W. B. Day, Acting Dean of the School of Pharmacy, reporting that the Illinois Pharmaceutical Association at its annual meeting held in Quincy, June 23-27, 1913, nominated the following five persons (whose names appear in the order of the number of votes received) for membership on the Advisory Board of the School of Pharmacy, of which number the trustees should appoint one to fill the vacancy on the Advisory Board caused by the expiration of the term of Mr. S. C. Yeomans on June 30, 1913:

George C. Lescher, Galesburg.  
 Harry W. Schuh, Cairo.  
 B. S. Cooban, Chicago.  
 Joseph Hottinger, Chicago.  
 H. C. Hulze, Chicago.

On motion of Mrs. Busey, it was voted that Mr. George C. Lescher, of Galesburg, be appointed to the Advisory Board of the School of Pharmacy to fill the vacancy resulting from the expiration of the term of Mr. S. C. Yeomans.

### PETTY CASH FUNDS ESTABLISHED.

(5) The following letter from Professor George E. Frazer, Comptroller, concerning the establishment of certain petty cash funds:

URBANA, ILL., July 3, 1913.

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

DEAR SIR: Your attention is respectfully called to the desirability of having definite sums set aside by the Board of Trustees as petty cash funds. Such action by the Board of Trustees will make possible clear-cut bookkeeping of cash receipts.

The following petty cash fund appropriations are recommended:

O. E. Staples, Bursar .....	\$5,000 00
W. B. Day, School of Pharmacy .....	250 00
W. H. Browne, College of Medicine .....	300 00
C. G. Hopkins, Department of Agronomy .....	600 00

It is recommended that the above petty cash fund appropriations be made with the understanding that they are to be administered by the comptroller.

Very truly yours,

GEO. E. FRAZER, *Comptroller.*

On motion of Mr. Moore, the foregoing recommendation of the comptroller's was approved, and appropriations were made to set aside petty cash funds as recommended. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Hoyt, Mr. Meeker.

### REGULATIONS WITH RESPECT TO BILLS FOR TRAVELING EXPENSES.

(6) A recommendation based upon a request from Professor George E. Frazer, Comptroller, that the following rules be established with reference to the auditing and passing of vouchers for traveling expenses:

1. Itemized bills in the form prescribed by the comptroller shall be presented to the comptroller for payment within thirty days following the completion of the trip for which the expense was incurred. In the case of University employees whose duties require a large amount of traveling within the State, it shall be deemed sufficient if bills are presented monthly.

2. Traveling expense bills presented by members of the faculties of the several colleges, members of the Experiment Station staffs, and employees of the administration offices of the University, must be approved by the dean of the college, the director of the station, or the officer in charge of the administrative office, and endorsed by the comptroller.

3. Traveling expense bills for deans, directors and officers in charge of administrative departments must be approved by the President of the University and endorsed by the comptroller.

4. Traveling expense bills of the President of the University and of the members of the Board of Trustees must be approved by the Finance Committee of the board and endorsed by the comptroller.

On motion of Mrs. Henrotin, it was voted that the foregoing rules be adopted.

### CONTRACT FOR COMPLETION OF THE ARMORY.

(7) A communication from the supervising architect in regard to the steel work necessary for the completion of the Armory, naming bids and recommending as follows:

## BIDS.

Morava Construction Company, of Chicago.....	\$31,920 00
Kenwood Bridge Company, of Chicago.....	34,750 00
Hansell-Elcock Company, of Chicago.....	33,500 00

(These bids are all based on making the two end bays 30 feet each, and all in accordance with the original framing plans by Mr. J. M. Heuser, Engineer, with certain exceptions indicated in the bids. The State Architect is willing that this work go on under the immediate supervision of the supervising architect, owing to the fact that all plans, etc., were drawn by the preceding State Architect.

## RECOMMENDATION.

That the offer made by the Morava Construction Company for completing the steel work of the end bays of the Armory, being the low bid, be accepted, and that the officers of the board be authorized to enter into a contract with the Morava Construction Company on the basis of this bid of thirty-one thousand nine hundred twenty dollars (\$31,920).

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

## IMPROVEMENTS IN M. E. SHOPS, APPROPRIATION ASKED.

(8) A request from Professor James M. White, Supervising Architect, for an appropriation of three thousand dollars (\$3,000) for improvements in the shops of the Department of Mechanical Engineering.

No action was taken with reference to this matter.

## EXTENSION OF TIME ON THE FLORICULTURAL AND PLANT BREEDING BUILDINGS.

(9) A request from Messrs. English Brothers, Contractors, of Champaign, for an extension of time for the completion of their contract for the erection of the floriculture and plant breeding buildings from June 28, 1913, to September 1, 1913; with a recommendation from Professor J. M. White, Supervising Architect, that this request be granted.

On motion of Mr. Montgomery, it was voted to grant the request as recommended.

## SYSTEM OF FRESHMAN ADVISERS; APPROPRIATIONS.

(10) The following request from Dr. K. C. Babcock, Dean of the College of Liberal Arts and Sciences, for an appropriation of eighteen hundred dollars (\$1,800) to carry out a system of freshman advisers; accompanied by the recommendation that the plan be tried as an experiment for the coming year:

URBANA, ILL., July 9, 1913.

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

MY DEAR PRESIDENT JAMES: In compliance with your request some of the details of the system of advisers which we discussed last week are set forth in the following statement. The plan has been discussed also with Dean Clark and with Assistant Dean Warnock.

*Advisers for Freshmen in the College of Liberal Arts and Sciences.*

1. The system proposed is confined to the men of the freshman class for the present.
2. It is in the nature of a supplement to the admirable work now carried on by the dean of men and to the formal relations necessarily arising from supervision of study lists, etc., which will be continued.
3. It contemplates the assignment of each male freshman to some member of the faculty, for the purpose of establishing helpful, friendly, inspiring relations between them.
4. The selection of the members of the faculty will have to be made with extreme care to secure those who are at once mature, sympathetic, scholarly men, who can understand the student point of view, and who are willing to give some time and thought to bettering the present relations between the students and the faculty of the University. Not more than ten or twelve freshmen should be assigned to each adviser.
5. The method of assignment is as important to the success of the plan as is the selection of the advisers. It is hoped to reduce the number of assignments made in a purely arbitrary, perfunctory, or merely official manner by giving large consideration wherever possible to
  - a. Suggestions of secondary school teachers who know members of the faculty as well as the freshmen, especially teachers who are alumni of the University.

b. Suggestions of members of the family and friends of the freshman, especially brothers or sisters who have attended the University.

c. Preferences of the student based on fortunate experiences of his intimates in the University.

d. Preferences of the advisers themselves for certain students whom they know or whose families they know.

e. Special assignments would probably reach 60 per cent.

6. These suggestions and preferences should be obtained through organized correspondence, which in itself would evidence the increasing interest of the University in the individual welfare of the incoming student as well as its purpose to instruct and guide him in matters academic.

7. While some of the heads of large departments have signified their desire to cooperate in this scheme, the larger number selected will naturally be from among those of the rank of assistant professor, associate, and instructor. These are men on moderate salaries; there will probably be some expense connected with cultivating the desired relationship; the service will be over and above that which has hitherto been expected of instructors. Furthermore, it is desirable to emphasize the special rather than the incidental nature of this service, and at the same time to secure a little special leverage on the advisers.

8. A payment of \$50 to each of the advisers is accordingly suggested, such payment to be made in two installments, one at the end of each semester.

9. Occasional conferences of advisers would be a means of coordinating their efforts and comparing notes on the working of the system.

The total number of men in the freshman class of the College of Liberal Arts and Sciences will probably be about 420. This would seem to require some thirty-five advisers. I request, therefore, that the sum of \$1,800 be appropriated for this experiment in "humanizing the machine" during the coming year.

Respectfully yours,

KENDRICK C. BABCOCK,  
*Dean of the College of Liberal Arts and Sciences.*

Mrs. Henrotin moved that the recommendation that the plan be tried as an experiment for the coming year be approved and that an appropriation of eighteen hundred dollars (\$1800) be made for this purpose.

Mr. Moore moved to amend this motion to provide that the recommendation and the proposed appropriation be referred to the Committee on Students' Welfare, with power to act.

The amendment was passed, and the motion as amended was passed, by the following vote: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Meeker.

#### LETTERS FROM EDUCATORS WITH REFERENCE TO THE SCHOOL OF EDUCATION BUILDING.

(10) Letters from President John W. Cook, of the Northern Illinois State Normal School at DeKalb, President L. C. Lord, of the Eastern Illinois State Normal School at Charleston, President W. P. Morgan, of the Western Illinois State Normal School at Macomb, Principal J. Stanley Brown, of the Joliet Township High School, and Superintendent J. G. Moore, of Streator, urging that the Board of Trustees proceed at once with the erection of a special building for the School of Education.

These letters were received to be filed.

#### STATEMENT WITH REFERENCE TO THE FEASIBILITY OF HOUSING THE SCHOOL OF PHARMACY IN THE DENTAL COLLEGE BUILDING.

(12) A communication from Mr. W. B. Day, Acting Dean of the School of Pharmacy, and Dr. Frederick B. Moorehead, stating that in their opinion there is sufficient space in the old Dental College Building at the corner of Honore and Harrison streets to house the School of Pharmacy and the College of Dentistry in a satisfactory manner, provided the space can be properly distributed.

This statement was received for record.

At this point, on motion of Mrs. Henrotin, a recess was taken until 2:15 P.M.

#### AFTERNOON SESSION.

When the board convened after the recess, the following members were present: Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson. President James was present.

**RULE IN REGARD TO THE NON-EMPLOYMENT OF RELATIVES  
REPEALED.**

Reports of committees being called for, Dr. Montgomery, as chairman of the special committee authorized at the meeting of June 25, 1913 (page 272) to consider proposed revisions of the rule in regard to the non-employment of relatives, presented the following report:

CHICAGO, June 23, 1913.

*To the Board of Trustees of the University of Illinois:*

At a meeting of the special committee appointed to recommend modifications of the existing board rules on the employment of relatives of members of the board or of the faculty, the attached resolution was presented by Dr. Montgomery and on motion was adopted for recommendation to the board.

J. T. MONTGOMERY,  
ELLEN M. HENROTTIN.

**RESOLUTION.**

WHEREAS, It has been strongly urged upon the attention of the Board of Trustees of the University of Illinois that the rigid enforcement of the present rule concerning the appointment of relatives of the University staff to positions under the board may at times work serious injury to the University by excluding from its staff men of unusual distinction and merit or men especially well qualified for some particular piece of work in teaching, investigation, or administration.

The existing rule reading as follows: (a) In the opinion of the board, all University positions should be kept upon the merit basis. No officer or employee should be removed except for good cause, and whenever an appointment is made it should be made solely with regard to special fitness. (b) The board stamps with its strongest disapproval any disposition to make patronage out of University appointments. The appointment of a relative of a member of the board, or of any other person occupying an influential position in the University, is wholly disapproved. Political, social, fraternal, or church influences are to be altogether ignored, and every appointment must be made upon the merit basis. The president and other officers of the University are to feel fully assured that the trustees will heartily support them in acting upon this principle; therefore, be it

*Resolved*, That that portion of the rule referring to relatives be eliminated from the rule, as well as all constructions of this rule which have been made by the board since the rule was adopted up to the present time, and that the following rule be substituted for it and read as follows:

(a) In the opinion of the board all University positions should be kept on the merit basis. No officer or employee should be removed except for good cause, and whenever an appointment is made it should be made solely with regard to special fitness.

(b) The board stamps with its strongest disapproval any disposition to make patronage out of University appointments. Political, social, fraternal, or church influences are to be altogether ignored, and every appointment must be made upon the merit basis. The President and other officers of the University are to feel fully assured that the trustees will heartily support them in acting upon this principle.

Dr. Montgomery moved the adoption of the foregoing resolution.

President Abbott, the third member of the special committee, having asked Mr. Moore to take the chair, presented the following recommendation as a minority report and moved its adoption as a substitute for the report presented by the majority of the committee.

That the existing rules be modified so that they will not exclude members of the faculty who marry relatives of other members of the faculty.

When, after further discussion, the vote was taken, the motion to substitute the minority report for the report presented by the majority of the special committee was lost, the vote being as follows: Ayes, Mr. Abbott, Mrs. Evans; noes, Mrs. Busey, Mrs. Henrotin, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; absent, Mr. Blair, Mr. Dunne, Mr. Hoit, Mr. Meeker.

The report of the majority of the special committee as presented by Dr. Montgomery was then adopted, the vote being as follows: Ayes, Mrs. Busey, Mrs. Henrotin, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, Mr. Abbott, Mrs. Evans; absent, Mr. Blair, Mr. Dunne, Mr. Hoit, Mr. Meeker.

At this point Mr. Abbott resumed the chair.

President James asked permission to have it recorded in the minutes that the President of the University, while favoring the modification proposed in his previous recommendation, had opposed the total repeal of the rule with respect to the non-employment of relatives.

## TREASURER'S REPORT.

Mr. Moore, as Chairman of the Finance Committee, presented the report of Mr. M. W. Busey, Treasurer, for the quarter ending June 30, 1913, which was received for record:

M. W. BUSEY, TREASURER, IN ACCOUNT WITH THE UNIVERSITY OF ILLINOIS,  
JUNE 30, 1913.

1913.

		DR.	
April	7.	Received from H. A. Haugan, ex-Treasurer .....	\$818,198 57
	25.	Received from collections, Snyder fund, note and interest, Grant Johnson .....	\$ 113 75
	28.	Received from O. E. Staples, Chief Clerk, for credit of general fund .....	1,463 00
	28.	Received from O. E. Staples, Chief Clerk, for credit of general fund .....	14,673 45
	30.	Received from collection, Snyder fund, note and interest, F. Howard Swits .....	135 18
	30.	Received from O. E. Staples, Chief Clerk, for credit of general fund .....	1,250 42
	17.	Received from the Treasurer of the United States, for credit of the Agricultural Experiment Station fund....	7,052 19
	23.	Received from Jos. S. Tomlinson, Actuary, for credit of College of Medicine fund .....	1,037 49
	24.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund .....	358 97
May	2.	Received from O. E. Staples, Chief Clerk, for credit of general fund .....	26 44
	2.	Received from collection, Snyder fund, note and interest, Howser .....	150 00
	6.	Received from O. E. Staples, Chief Clerk, for credit of general fund .....	4,602 75
	6.	Collection, Snyder fund: Paid on Clarke note .....	10 00
	8.	Received from O. E. Staples, Chief Clerk, for credit of general fund .....	363 40
	8.	Received from O. E. Staples, Chief Clerk, for credit of general fund .....	954 30
	9.	Received from O. E. Staples, Chief Clerk, for credit of general fund .....	619 92
	12.	Received from O. E. Staples, Chief Clerk, for credit of general fund .....	245 32
	14.	Received from O. E. Staples, Chief Clerk, for credit of general fund .....	1,276 72
	15.	Received from O. E. Staples, Chief Clerk, for credit of general fund .....	1,052 47
	20.	Received from collection, Snyder fund, note and interest, Anderson .....	164 50
	20.	Received from O. E. Staples, Chief Clerk, for credit of general fund .....	1,592 70
	21.	Received from O. E. Staples, Chief Clerk, for credit of general fund .....	3,058 79
	22.	Received from O. E. Staples, Chief Clerk, for credit of general fund .....	3,741 56
	24.	Received from O. E. Staples, Chief Clerk, for credit of general fund .....	518 74
	31.	Received from O. E. Staples, Chief Clerk, for credit of general fund .....	1,381 13
	2.	Received from J. S. Tomlinson, Actuary, for credit of College of Medicine fund .....	155 00
	2.	Received from J. S. Tomlinson, Actuary, for credit of College of Medicine fund .....	1,015 57
	12.	Received from J. S. Tomlinson, Actuary, for credit of College of Medicine fund .....	954 85
	16.	Received from J. S. Tomlinson, Actuary, for credit of College of Medicine fund .....	201 70
	1.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund .....	26 46
	9.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund .....	1 69
	16.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund .....	5 00
	22.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund .....	5 00
	31.	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund .....	11 04
June	2.	Received from O. E. Staples, Chief Clerk, for credit of general fund .....	1,157 21
	3.	Received from O. E. Staples, Chief Clerk, for credit of general fund .....	832 45
	5.	Received from O. E. Staples, Chief Clerk, for credit of general fund .....	2,152 38

TREASURER'S REPORT—*Concluded.*

1913.

		DR.	
June 7.	Received from general fund	O. E. Staples, Chief Clerk, for credit of	\$ 635 89
9.	Received from general fund	O. E. Staples, Chief Clerk, for credit of	363 56
10.	Received from general fund	O. E. Staples, Chief Clerk, for credit of	249 53
12.	Received from general fund	O. E. Staples, Chief Clerk, for credit of	2,430 60
17.	Received from general fund	O. E. Staples, Chief Clerk, for credit of	6,471 18
17.	Received from general fund	O. E. Staples, Chief Clerk, for credit of	2,809 35
18.	Received from general fund	O. E. Staples, Chief Clerk, for credit of	2,846 49
21.	Received from general fund	O. E. Staples, Chief Clerk, for credit of	1,133 35
26.	Received from general fund	O. E. Staples, Chief Clerk, for credit of	1,026 96
27.	Received from general fund	O. E. Staples, Chief Clerk, for credit of	660 18
28.	Received from general fund	O. E. Staples, Chief Clerk, for credit of	671 06
30.	Received from Agricultural Experiment Station fund	O. E. Staples, Chief Clerk, for credit of	826 26
4.	Received from College of Medicine fund	J. S. Tomlinson, Actuary, for credit of	155 00
4.	Received from College of Medicine fund	J. S. Tomlinson, Actuary, for credit of	1,376 60
16.	Received from College of Medicine fund	J. S. Tomlinson, Actuary, for credit of	1,757 70
18.	Received from College of Medicine fund	J. S. Tomlinson, Actuary, for credit of	564 85
20.	Received from College of Medicine fund	J. S. Tomlinson, Actuary, for credit of	496 00
28.	Received from College of Medicine fund	J. S. Tomlinson, Actuary, for credit of	391 29
10.	Received from School of Pharmacy fund	W. B. Day, Actuary, for credit of	26 18
24.	Received from School of Pharmacy fund	W. B. Day, Actuary, for credit of	15 00
			<u>\$ 73,901 57</u>
			<u>\$892,100 14</u>

		CR.	
June 30.	By amount paid out of general fund, as per lists of warrants herewith		\$439,125 03
30.	By amount paid out of Agricultural Experiment Station fund, as per lists of warrants herewith		7,447 80
30.	By amount paid out of College of Medicine fund, as per lists of warrants herewith		15,724 07
30.	By amount paid out of School of Pharmacy fund, as per list of warrants herewith		4,255 13
			<u>\$466,552 03</u>
Balances—			
	General fund		\$409,550 14
	Agricultural Experiment Station fund		4,223 68
	College of Medicine fund		8,553 59
	School of Pharmacy fund		3,220 70
			<u>425,548 11</u>
			<u>\$892,100 14</u>

Respectfully submitted,

M. W. BUSEY, *Treasurer.*

## REPORT OF THE FINANCE COMMITTEE IN REGARD TO THE PURCHASE OF LAND.

Mr. Moore, as Chairman of the Finance Committee, presented the following report and recommendation with reference to the purchase of land:

The Finance Committee begs to report that they have not had sufficient time to examine all of the options and proposed tracts of land, nor to consult with the President of the University and the heads of departments.

Your committee advises, however, that, in view of the liberal appropriation for buildings and land purchases, the board should set aside from the amount \$400,000 for the biennium exclusively for land purchase, to provide for the present and partially for the future needs of the University.

We further recommend that, in view of the expiration of the option on the 160 acres of land known as the "Busey tract" on August 1, at \$1,000 per acre,

which option cannot be renewed, and the desirability of owning the 160 acres adjoining the Busey tract on the south, the option price of same being \$600 per acre, the sum of \$256,000 be appropriated at this meeting for the purchase of these tracts, and that the officers of the board be authorized and instructed to purchase these properties for the University at once.

For the consideration of the other tracts, we ask for further time.

ALLEN F. MOORE,  
J. R. TREVETT.

Mrs. Busey moved that the report of the Finance Committee be accepted, that the officers of the board be authorized to close the purchase of the tracts of land recommended by the committee to be purchased, and that the committee be given further time for the consideration of other proposed tracts.

President James presented again a recommendation offered at a previous meeting of the board that the board should provide for a special committee, of which the Governor of the State should be a member, to pass upon the question whether the price proposed for these properties is a reasonable price which the Board of Trustees ought to pay, calling attention to the fact that the so-called "options" were nothing more than offers of the property by the owners at the stated prices, and also urging that putting so much money into land at the present time would seriously embarrass the regular budget for operating expense and the program for the building and equipment.

Mrs. Evans moved that the consideration of Mrs. Busey's motion be deferred until the President of the University shall have presented the salary and buildings budgets.

A roll call was asked for on this motion to defer consideration, which was passed by the following vote: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henriotin, Mr. Moore, Miss Watson; noes, Mrs. Busey, Mr. Montgomery, Mr. Trevett; absent, Mr. Blair, Mr. Dunne, Mr. Hoit, Mr. Meeker.

#### DR. MOOREHEAD HEARD WITH REFERENCE TO THE TIME FOR OPENING THE COLLEGE OF DENTISTRY.

At this point Dr. Frederick B. Moorehead was introduced and made a brief statement with reference to the question whether the re-opening of the College of Dentistry should take place October 1, 1913, or should be deferred until October, 1914. Dr. Moorehead stated that, all things considered, it was his opinion that the college should be re-opened October 1, 1913.

#### SALARY BUDGET.

President James then presented the salary budget of the University for the academic year 1913-1914 as follows:

NOTE.—All appointments date from September 1, 1913, unless otherwise explicitly noted; "Indef."—On indefinite tenure, "C. S."—Civil Service appointment.

#### ADMINISTRATIVE OFFICES.

##### Office of the President.

Edmund J. James, President (March 11, 1913-March 9, 1915)....	\$12,000 00
Edward J. Filbey, Private Secretary to the President (12 months)	2,200 00
James H. Kelley, Executive Clerk (C. S.).....	2,200 00
_____, Clerk and Stenographer (vice Jessie A. Smith (C. S.).....	1,200 00
Anna L. Shepard, Stenographer (C. S.).....	1,200 00
Albert R. Lee, Clerk (C. S.).....	1,200 00
Total .....	\$20,000 00

##### Business Office.

George E. Frazer, Professor of Public Accounting and comp- troller (January 13, 1913-January 12, 1916).....	*3,786 45
Lynn E. Knorr, Assistant Comptroller (C. S.).....	1,800 00
Oren E. Staples, Bursar (C. S.).....	1,800 00
Nathaniel Hay, Purchasing Agent (C. S.).....	2,000 00
Marsh E. Thompson, Clerk to Bursar (C. S.).....	1,080 00
Lloyd Morey, Auditor (C. S.).....	1,500 00
Maude E. Meneley, Stenographer (C. S.).....	600 00
Helen I. Buckler, Stenographer (C. S.).....	600 00
Alfred Steitz, Stores Clerk (C. S.).....	1,020 00
_____, Stenographer, vice Strom (C. S.).....	1,020 00

\* \$3,600 per annum to January 13, 1914; \$4,000 after January 13, 1914



**Business Office—Concluded.**

Student help .....	\$ 420 00
_____, Bookkeeper (C. S.) .....	1,020 00
_____, Bookkeeper (C. S.) .....	900 00
_____, Messenger and Delivery Boy (C. S.) .....	400 00
<b>Total .....</b>	<b>\$17,946 45</b>

**Office of the Registrar.**

Charles M. McConn, Registrar (C. S.; new salary from July 1, 1913) .....	3,000 00
Harrison E. Cunningham, Assistant Registrar (C. S.) .....	2,000 00
Levi A. Boice, Recorder (C. S.) .....	1,500 00
Ira M. Smith, Chief Clerk (C. S.) .....	1,500 00
George P. Tuttle, General Assistant (C. S.) .....	1,200 00
Tabitha J. Broadhurst, Record Clerk (C. S.) .....	900 00
Adelle C. Smith, Stenographer (C. S.) .....	720 00
Gertrude E. Johnson, Stenographer (C. S.) .....	660 00
Allie B. Lamb, Filing Clerk (C. S.) .....	660 00
<b>Total .....</b>	<b>\$12,140 00</b>

**Office of the Dean of Men.**

Thomas A. Clark, Professor of Rhetoric (Indef.) and Dean of Men (1 year)—salary under the English Department .....	\$1,800 00
Arthur R. Warnock, Assistant Dean of Men (12 months) .....	600 00
Elmer E. Fiero, Clerk (12 months) .....	1,080 00
Olive F. Saxton, Stenographer (12 months) .....	
<b>Total .....</b>	<b>\$3,480 00</b>

**Office of the Dean of Women.**

_____, Dean of Women, vice Mary E. Fawcett (1 year) ...	2,000 00
_____, Assistant Dean of Women (12 months, beginning August 1, 1913) .....	600 00
Lillian Strong, Stenographer (12 months) .....	600 00
<b>Total .....</b>	<b>\$3,200 00</b>

**Office of the High School Visitor.**

Horace A. Hollister, Professor of Education (Indef.) and High School Visitor (12 months) .....	3,250 00
_____, Assistant (12 months) .....	2,000 00
Winifred L. Amos, Stenographer (C. S.) .....	900 00
<b>Total .....</b>	<b>\$6,150 00</b>

**Office of the Supervising Architect.**

James M. White, Professor of Architectural Engineering (Indef.) and Supervising Architect (1 year) .....	5,000 00
Henry D. Oberdorfer, Assistant to the Supervising Architect (C. S.; new salary from August 1, 1913) .....	2,500 00
Lockwood J. Towne, Superintendent of Construction (C. S.) .....	2,100 00
Harry Y. Carson, Assistant in Architectural Engineering, Superintendent of Construction (3 months from July 1, 1913) .....	375 00
Ralph L. Kelley, Draftsman (12 months) .....	1,200 00
George E. Wright, Draftsman (C. S., temp.) .....	1,500 00
Elizabeth C. Peel, Stenographer (C. S.) .....	900 00
_____, Lecturer on the Installation and Operation of Mechanical Equipment for Buildings and Assistant Mechanical Engineer (1 year) .....	3,000 00
Joseph A. Morrow, Superintendent of Buildings (C. S.) .....	2,000 00
Evelyn C. Atkinson, Superintendent of Grounds (C. S.) .....	1,700 00
Thomas J. Showers, Carpenter Foreman (C. S.) .....	1,500 00
Chas. Havens, Foreman, Steamfitters (C. S.) .....	1,440 00
Morris Murphy, Foreman, Electricians (C. S.) .....	1,320 00
<b>Total .....</b>	<b>\$24,535 00</b>

**COLLEGE OF LIBERAL ARTS AND SCIENCES.****Office of the Dean.**

Kendric C. Babcock, Dean (Indef.) .....	\$5,000 00
George H. Meyer, Assistant Professor of German (Indef.) and Assistant Dean (1 year) .....	* 250 00
Agnes McGurty, Clerk (C. S.) .....	1,000 00
Mabel Griffith, Record Clerk (C. S.) .....	840 00
Jennie Mathers, Stenographer (C. S.) .....	600 00
<b>Total .....</b>	<b>\$7,690 00</b>

\* As assistant Dean; for salary as Assistant Professor of German, see under the German department

**Art and Design.**

_____, Professor of the History of Art.....	\$4,000 00
Edward J. Lake, Assistant Professor (Indef.).....	2,250 00
Charles F. Kelley, Associate (2 years from September 1, 1913)...	1,800 00
_____, Instructor, vice Isabel Jones (10 months) .....	1,300 00
Mary M. Wetmore, Instructor (10 months) .....	1,500 00
<b>Total</b> .....	<b>\$10,850 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 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 Classical Museum (1 year) .....	3,000 00
Howard V. Canter, Assistant Professor (3 years from September 1, 1913) .....	2,500 00
<b>Total</b> .....	<b>\$15,000 00</b>

**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
Lewis F. Anderson, Assistant Professor (3 years from September 1, 1912) .....	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
_____, Assistant, on half time (10 months) .....	500 00
<b>Total</b> .....	<b>\$17,550 00</b>

**English.**

Raymond M. Alden, Professor (Indef.) and Chairman of the Department (1 year) .....	4,500 00
Daniel K. Dodge, Professor (Indef.) .....	3,250 00
Thomas A. Clark, Professor of Rhetoric (Indef.) and Dean of Men (1 year) .....	5,000 00
Stuart P. Sherman, Professor (Indef.) .....	3,700 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 September 1, 1912), and Secretary of the Department (1 year) .....	2,400 00
Harrie S. V. Jones, Assistant Professor (3 years from September 1, 1912) .....	2,200 00
Thacher H. Guild, Associate (2 years from September 1, 1912) ..	1,500 00
Jacob Zefflin, Associate (2 years from September 1, 1912) .....	1,600 00
Clarence V. Boyer, Instructor (10 months) .....	1,400 00
Herbert L. Creek, Instructor (10 months) .....	1,400 00
Charles H. Woolbert, Associate in Public Speaking and English, vice Ketcham (2 years from September 1, 1913) .....	2,000 00
John C. Jordan, Instructor (10 months) .....	1,000 00
Martha J. Kyle, Instructor (10 months) .....	1,300 00
Arthur J. Tieje, Instructor (10 months) .....	1,200 00
Gertrude Schoepperle, Instructor (10 months) .....	1,300 00
George F. Wicher, Instructor, vice Painter (10 months) .....	1,100 00
Clarissa Rinaker, Instructor, vice Collins (10 months) .....	1,100 00
Walter A. Buchen, Assistant (10 months) .....	1,500 00
Thomas G. Goodwin, Assistant (10 months) .....	1,000 00
Alta Gwinn, Assistant (10 months) .....	900 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, on half time, vice Hollinshead (10 months) .....	500 00
Easley S. Jones, Instructor, vice Hill (10 months) .....	1,200 00
Lew R. Sarett, Assistant (10 months) .....	1,000 00
Marion C. Landee, Assistant, on half time (10 months.) (See also under Physical Training for Women) .....	450 00
Harrison McJohnston, Assistant (10 months) .....	1,200 00
Merwin J. Curl, Instructor, vice Nevins (10 months) .....	1,400 00
_____, Professor of Comparative Literature (one-half year) .....	2,500 00
_____, Tutor in Literature (10 months) .....	500 00
_____, Tutor in Literature (10 months) .....	500 00
_____, Tutor in Literature (10 months) .....	500 00
<b>Total</b> .....	<b>\$58,800 00</b>

**German.**

Julius Goebel, Professor (2 years from September 1, 1912).....	\$3,750 00
Otto E. Lessing, Professor (Indef.) .....	3,500 00
George H. Meyer, Assistant Professor (Indef.) and Assistant Dean of the College of Liberal Arts and Sciences (1 year).....	*2,500 00
Nell C. Brooks, Assistant Professor (Indef.) and Curator of the Museum of European Culture (1 year) .....	2,500 00
George T. Flom, Associate Professor of Scandinavian (Indef.)...	2,800 00
Leonard Bloomfield, Assistant Professor of Comparative Philology and German (3 years from September 1, 1913)—on leave, without salary, 1913-14 .....	2,500 00
_____, Assistant Professor .....	2,500 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) .....	1,300 00
Adolph E. Zucker, Assistant, on half time, vice Blaisdell (10 months) .....	500 00
Philip S. Barto, Instructor (10 months) .....	1,000 00
_____, Instructor, vice Bloomfield (10 months) .....	1,200 00
Felix E. Held, Assistant, on half time (10 months) .....	500 00
_____, Assistant, on half time, vice Blaisdell (10 months)	500 00
<b>Total</b> .....	<b>\$25,550 00</b>

**History.**

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, vice Ford (Indef.) .....	2,800 00
William S. Robertson, Assistant Professor (Indef.) .....	2,500 00
Frederick Duncalf, Assistant Professor, vice Krey (3 years from September 1, 1913) .....	2,500 00
Solon J. Buck, Associate (2 years from September 1, 1913) .....	1,800 00
Arthur C. Cole, Instructor (10 months) .....	1,500 00
Elizabeth P. Brush, Assistant (10 months) .....	900 00
<b>Total</b> .....	<b>\$21,750 00</b>

**Philosophy.**

Arthur H. Daniels, Professor (Indef.) .....	3,500 00
Boyd H. Bode, Professor (Indef.) .....	3,500 00
Queen L. Shepherd, Instructor (10 months) .....	1,100 00
Denton L. Geyer, Assistant (10 months) .....	500 00
<b>Total</b> .....	<b>\$8,600 00</b>

**Political Science.**

James W. Garner, Professor (Indef.) .....	4,000 00
John A. Fairlie, Professor (on leave without salary second half- year 1913-14) (Indef.) .....	†1,750 00
Walter F. Dodd, Assistant Professor (3 years from September 1, 1911) .....	2,300 00
John M. Mathews, Associate (2 years from September 1, 1913) ..	1,800 00
_____, Assistant, on half time (10 months) .....	500 00
<b>Total</b> .....	<b>\$10,350 00</b>

**Psychology.**

Madison Bentley, Professor (Indef.) .....	3,250 00
_____, Assistant Professor .....	2,000 00
Arthur H. Sutherland, Associate (1 year) .....	1,800 00
_____, Instructor (10 months) .....	1,000 00
_____, Assistant, vice Spencer, (10 months) .....	900 00
_____, Mechanician (C. S.; 8 months) .....	600 00
<b>Total</b> .....	<b>\$9,550 00</b>

**Romance Languages.**

_____, Professor and Chairman of the Department.....	4,000 00
Thomas E. Oliver, Professor (Indef.) .....	3,000 00
David H. Carnahan, Associate Professor (on leave 1913-1914) (Indef.) .....	1,350 00
John D. FitzGerald, Assistant Professor (Indef.) .....	2,700 00
Jean B. Beck, Assistant Professor (3 years from September 1, 1911) .....	2,000 00
David S. Blondheim, Assistant Professor (3 years from September 1, 1913, at \$2,000 per annum), on leave, without pay, 1913-1914.	
Arthur R. Seymour, Associate (2 years from September 1, 1913) and Adviser to Foreign Students (1 year) .....	2,000 00
Olin H. Moore, Instructor (10 months) .....	1,200 00
John R. Schulters, Assistant, vice Ditchy (10 months) .....	800 00
Thomas G. Wesenberg, Assistant, vice Hendrix (10 months) ....	900 00

\* As Assistant Professor: for additional salary as Assistant Dean, see under office of the Dean.

† Salary for half year; proposed annual salary \$3,500.

**Romance Languages—Concluded.**

Joseph Eppels, Assistant (10 months).....	\$ 900 00
Leslie M. Turner, Associate (2 years from September 1, 1913)...	1,800 00
<b>Total</b> .....	<b>\$20,650 00</b>

**Sociology.**

Edward C. Hayes, Professor (Indef.).....	3,300 00
Arthur J. Todd, Associate (2 years from September 1, 1912)....	1,700 00
<b>Total</b> .....	<b>\$5,000 00</b>

**Courses in Commerce.**

David Kinley, Dean of the Graduate School (1 year), Director of the Courses in Business Administration (1 year), and Professor of Economics (Indef.)—salary under the Graduate School.	
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.) .....	3,000 00
Ernest R. Dewsnap, 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 (January 13, 1913-January 12, 1916)—see under Office of the Comptroller.	
Simon Litman, Assistant Professor of Economics (Indef.).....	2,500 00
_____, Professor of Accountancy .....	4,000 00
_____, Assistant Professor of Accountancy and Business Organization .....	2,500 00
John G. Thompson, Instructor in Economics (10 months).....	1,800 00
_____, Instructor in Economics, on half time (10 months).....	700 00
Alva L. Prickett, Assistant, on half time (10 months).....	400 00
_____, Assistant in Commercial Law (10 months).....	400 00
_____, Stenographer (C. S.).....	900 00
<i>Tentative Budget for New Positions.</i>	
_____, new Director of Courses in Business Administration .....	4,500 00
_____, Professor of Economics and Finance or Economics and Statistics .....	3,000 00
_____, Professor of Agricultural Economics .....	3,500 00
<b>Total</b> .....	<b>\$36,700 00</b>

**Astronomy.**

Joel Stebbins, Professor (Indef.).....	3,500 00
Frank W. Reed, Instructor (10 months).....	1,400 00
John D. Bond, Research Assistant (10 months).....	300 00
Student assistance .....	100 00
<b>Total</b> .....	<b>\$5,300 00</b>

**Bacteriology.**

Otto Rahn, Assistant Professor (3 years from September 1, 1913)	2,700 00
Clyde R. Newell, Assistant (10 months).....	850 00
Lawrence V. Burton, Assistant (10 months).....	600 00
Student assistance .....	150 00
<b>Total</b> .....	<b>4,300 00</b>

**Botany.**

William Trelease, Professor (Indef.).....	5,000 00
Charles F. Hottes, Professor of Plant Physiology (Indef.).....	3,000 00
_____, Associate, vice Barrett .....	1,600 00
Stella M. Hague, Instructor (10 months).....	900 00
Walter B. McDougall, Instructor, vice Allee (10 months).....	1,200 00
Rosalie M. Parr, Assistant (10 months).....	800 00
John H. Whitten, Assistant (10 months).....	600 00
Ernest M. R. Lamkey, Assistant, vice Atwell (10 months).....	600 00
Reed O. Brigham, Assistant (10 months).....	600 00
John M. LeCato, Assistant, vice Lamkey and Ludwig (10 months)	600 00
Henry D. Waggoner, Assistant (10 months).....	600 00
Samuel H. Scherfee, Graduate Assistant (10 months).....	300 00
_____, Graduate Assistant (10 months).....	300 00
Robert Fieg, Laboratory Helper (C. S.).....	600 00
Stenographic assistance .....	400 00
<b>Total</b> .....	<b>\$17,100 00</b>

**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

**Chemistry—Concluded.**

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 and First Assistant in Chemistry in the Engineering Experiment Station (1 year)—salary \$2,200, paid from Engineering and State Geological Survey funds—see under Engineering Experiment Station.	
George M. Smith, Assistant Professor (2 years from September 1, 1913) .....	2,000 00
Clarence G. Derick, Assistant Professor (2 years from September 1, 1913) .....	2,000 00
Henry C. P. Weber, Assistant Professor (2 years from September 1, 1913) .....	2,000 00
Duncan A. MacInnes, Instructor (10 months).....	1,400 00
George D. Beal, Instructor (10 months).....	1,400 00
Lambert Thorp, Instructor (10 months).....	1,200 00
B. Smith Hopkins, Instructor (10 months).....	1,400 00
Charles G. MacArthur, Instructor (10 months).....	1,500 00
Henry J. Broderson, Instructor, vice McCarthy (10 months).#...	1,200 00
Leslie D. Smith, Instructor, vice Strachan (10 months).....	1,000 00
Stuart J. Bates, Instructor, vice Honovski (10 months).....	1,000 00
—, Instructor, vice Nelson (10 months).....	1,000 00
Bronislav R. Honovski, Research Assistant, vice Potter (10 months)	800 00
Oliver Kamm, Assistant (10 months).....	600 00
Thomas E. Laying, Assistant, vice Millard (10 months).....	600 00
Harvey P. Corson, Assistant in Sanitary Chemistry (10 months) and Chemist and Bacteriologist in the State Water Survey—salary under State Water Survey.	
George W. Sears, Assistant (10 months).....	600 00
Charles K. Hewes, Assistant (10 months).....	600 00
—, Assistant, vice Bell (10 months).....	600 00
Scott C. Taylor, Assistant (10 months).....	500 00
Ernest A. Wildman, Assistant, vice Olin (10 months).....	500 00
John W. Read, Assistant (10 months).....	600 00
Bert S. Davison, Assistant (10 months).....	600 00
Chester H. Allen, Assistant, vice Huenink (10 months).....	500 00
Raymond W. Hess, Assistant, vice Dutcher (10 months).....	500 00
Gerritt J. Van Zoeren, Assistant (10 months).....	600 00
Edward W. Engle, Assistant, vice Hirschkind (10 months).....	500 00
—, Assistant (10 months).....	500 00
—, Assistant in Glass Blowing, vice Kessler (10 months).....	775 00
Everett H. Taylor, Graduate Assistant, vice Hess (10 months)...	300 00
Robert E. Baker, Graduate Assistant (10 months).....	350 00
Henry J. Weiland, Graduate Assistant, vice Schneider (10 months)	350 00
Karl A. Clark, Graduate Assistant (10 months).....	350 00
Juanita E. Darrah, Graduate Assistant, vice Laying (10 months)	300 00
Ross E. Gilmore, Graduate Assistant, vice Owens (10 months)...	300 00
Duane T. Englis, Graduate Assistant, vice Woodward (10 months)	300 00
Ernest F. Carlton, Graduate Assistant, vice Miller (10 months)...	300 00
Clarence Scholl, Graduate Assistant, vice Van Zoeren (10 months)	300 00
Steward D. Marquis, Graduate Assistant, vice Allen (10 months)	300 00
—, Graduate Assistant, vice Engle (10 months).....	300 00
Theodore R. Ball, Graduate Assistant, vice Wildman (10 months)	300 00
Hebert M. Carter, Graduate Assistant, vice Burton (10 months)	300 00
Edward Wichers, Graduate Assistant, vice Ebersol (10 months)	300 00
Howard D. Valentine, Graduate Assistant (10 months) .....	300 00
Harry C. Kremmers, Graduate Assistant (10 months) .....	300 00
William A. Manuel, Graduate Assistant, vice Gillett (10 months)	300 00
Paul C. Rich, Student Assistant, vice Zoller (10 months).....	100 00
William C. Adams, Student Assistant, vice Kohout (10 months)	100 00
Ralph A. Nelson, Student Assistant, vice Dunham (10 months)...	100 00
Anton Prasil, Student Assistant (10 months).....	100 00
John D. Snook, Student Assistant, vice Glenz (10 months).....	100 00
George B. Ruby, Student Assistant, vice Taylor (10 months).....	100 00
Carl W. J. Slevert, Student Assistant (10 months) .....	100 00
Joseph Cohen, Student Assistant, vice Simpson (10 months).....	100 00
Alexander Cohn, Student Assistant (10 months) .....	100 00
John M. Janson, Student Assistant, vice Leslie (10 months).....	100 00
Silas A. Braley, Student Assistant, vice Darrah (10 months).....	100 00
—, Student Assistant (10 months) .....	100 00
Glen S. Skinner, Student Assistant, vice Valentine (10 months)...	100 00
Carl F. Miller, Clerk (C. S.) .....	1,100 00
Mayme L. Smith, Stenographer (C. S.) .....	780 00
Josephine Tyrrell, Stenographer (C. S.) .....	600 00
Albert H. Hull, Assistant Custodian (C. S.) .....	780 00
Charles C. Crawford, Storekeeper (C. S.) .....	780 00
Thomas Peel, Assistant Storekeeper (C. S.) .....	660 00
Clifford E. Dalton, Laboratory Helper (C. S.) .....	600 00
Total .....	\$53,825 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)	1,200 00
Alvah Peterson, Assistant (10 months)	600 00
_____, Assistant	600 00
Student assistance	250 00
<b>Total</b>	<b>\$9,150 00</b>

**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 September 1, 1913)	2,500 00
John L. Rich, Instructor (10 months)	1,500 00
Gilbert H. Cady, Assistant, vice Ekblaw (10 months)	600 00
Frank L. Fleener, Assistant (10 months)	400 00
George W. Heitkamp, Assistant (10 months)	400 00
Clarence S. Ross, Assistant, vice Thompson (10 months)	400 00
Student assistance	300 00
<b>Total</b>	<b>\$12,100 00</b>

**Mathematics.**

Edgar J. Townsend, Professor (Indef.)	4,000 00
George 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
Charles H. Sisam, Assistant Professor (3 years from September 1, 1911)	2,200 00
James B. Shaw, Assistant Professor (3 years from September 1, 1912)	2,750 00
Arnold Emch, Assistant Professor (3 years from September 1, 1913)	2,250 00
Arthur R. Crathorne, Associate (2 years from September 1, 1912)	2,000 00
Ernest B. Lytle, Associate (2 years from September 1, 1912)	1,800 00
Robert L. Borger, Associate (2 years from September 1, 1913)	1,500 00
Gustav E. Wahlen, Associate, vice Kiernan (2 years from September 1, 1913)	1,400 00
Aubrey J. Kempner, Instructor (10 months)	1,400 00
William W. Denton, Instructor (10 months)	1,400 00
Ellis B. Stouffer, Instructor (10 months)	1,300 00
Josephine E. Burns, Instructor, vice Winger (10 months)	1,000 00
Edward W. Chittenden, Instructor (10 months)	1,200 00
George E. Carscallen, Assistant (10 months)	750 00
Sidney A. Rowland, Assistant (10 months)	600 00
Clarence M. Hebbert, Assistant (10 months)	600 00
Guy W. Smith, Assistant (10 months)	600 00
George Rutledge, Research Assistant (10 months)	600 00
Stenographic assistance	400 00
<b>Total</b>	<b>\$33,150 00</b>

**Physiology.**

William E. Burge, Assistant Professor (1 year)	2,200 00
J. Howard Beard, Instructor (10 months)	1,300 00
Alma J. Neill, Assistant, vice Stanley (10 months)	600 00
Student assistance	250 00
<b>Total</b>	<b>\$4,350 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, vice Carpenter (Indef.)	3,500 00
Charles Zeleny, Associate Professor (Indef.)	3,000 00
Charles C. Adams, Associate (2 years from September 1, 1912)	1,650 00
Harley J. VanCleave, Instructor (10 months)	1,200 00
Ernest C. Faust, Research Assistant (10 months)	600 00
Bessie R. Green, Assistant (10 months)	600 00
Ralph H. Linkins, Assistant, vice Gutberlet (10 months)	600 00
Harry V. Heimbürger, Assistant, vice Van Cleave (10 months)	600 00
Homer E. Chenoweth, Graduate Assistant, vice Hall (10 months)	300 00
Margaret V. Cobb, Graduate Assistant (10 months)	300 00
Horace W. Stunkard, Graduate Assistant (10 months)	300 00
Grace E. Wells, Graduate Assistant, vice Barger (10 months)	300 00

\* For remainder of salary see under Office of the Dean, College of Agriculture and Agricultural Experiment Station.

**Zoology—Concluded.**

Gertrude Johnson, Graduate Assistant, vice Ashley (10 months) ..	\$ 400 00
_____, Graduate Assistant, vice Linkins (10 months) .....	300 00
Student assistance .....	750 00
Stenographic assistance .....	400 00
_____, Custodian, vice Lundquist (12 months) .....	600 00
<b>Total</b> .....	<b>\$23,400 00</b>

**Ceramics.**

Ray T. Stull, Ceramist and Acting Director of the Courses in Ceramics (1 year) .....	3,000 00
Ralph K. Hursh, Instructor (10 months) .....	1,500 00
Barney S. Radcliffe, Instructor (10 months) .....	1,200 00
Robert Back, Assistant, vice Bartells (10 months) .....	1,000 00
Charles C. Rand, Assistant (10 months) .....	800 00
<b>Total</b> .....	<b>\$7,500 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, and Director of the Engineering Experiment Station (1 year)—absent on leave, without salary, 1913-14.	
Charles R. Richards, Acting Dean of the College of Engineering and Acting Director of the Engineering Experiment Station (1 year) and Professor of Mechanical Engineering—salary under Department of Mechanical Engineering.	
Harvey W. Miller, Assistant Dean of the College of Engineering (1 year) and Assistant Professor of G. E. D. (3 years from September 1, 1913)—salary under Department of General Engineering Drawing.	
L. Mae Manspeaker, Clerk of the College of Engineering (C. S.)	\$1,000 00
Stella Lund, Clerk in the office of the College of Engineering (C. S.) .....	660 00
Sara M. Slater, Stenographer in the office of the Dean of the College of Engineering (C. S.) .....	720 00
Myrtle E. Heater, Stenographer in the office of the Dean of the College of Engineering (C. S.) .....	70 00
Marie A. Gordon, Stenographer in the office of the Dean of the College of Engineering (C. S.) .....	660 00
<b>Total</b> .....	<b>\$3,760 00</b>

**Architecture.**

_____, Professor of Architecture, in charge of Department	5,000 00
Nathan C. Ricker, Professor of Architecture (Indef.) .....	3,500 00
Newton A. Wells, Professor of Architectural Decoration, on leave (Indef.) .....	1,250 00
James M. White, Professor of Architectural Engineering (Indef.) and Supervising Architect (1 year)—see under office of Supervising Architect.	
_____, Assistant Professor of Architectural Engineering...	3,500 00
_____, Assistant Professor of Architectural Design .....	3,000 00
Charles R. Clark, Associate in Architectural Construction (2 years from September 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
Allen H. Kimball, Instructor in Architectural Design (10 months) .....	1,500 00
Samuel C. Burton, Instructor (10 months) .....	1,400 00
Frederick K. Cowley, Instructor (10 months) .....	1,200 00
James H. Forsythe, Instructor, vice S. F. Kimball (10 months) ..	1,500 00
Angelo B. M. Corrubia, Instructor, vice Jones (10 months) .....	1,600 00
_____, Instructor (10 months) .....	1,800 00
Winifred Fehrenkamp, Instructor in Departmental Library Problems in the Library School and Architectural Librarian (10 months) .....	700 00
<b>Total</b> .....	<b>\$31,050 00</b>

**Civil Engineering.**

_____, Professor in charge of Department .....	5,000 00
Ira O. Baker, Professor (Indef.) .....	4,000 00
_____, Professor of Structural Engineering, vice Dufour ..	3,500 00
Allen B. McDaniel, Assistant Professor (1 year) .....	2,750 00
_____, Assistant Professor of Highway Engineering .....	3,000 00
_____, Assistant Professor of Structural Engineering, vice Malcolm (1 year) .....	2,500 00
James E. Smith, Assistant Professor (3 years from September 1, 1913) .....	1,800 00

**Civil Engineering—Concluded.**

Carroll C. Wiley, Associate (2 years from September 1, 1913)...	\$1,700 00
Neal B. Garver, Associate (2 years from September 1, 1913)....	1,700 00
George W. Pickels, Instructor (10 months).....	1,500 00
William H. Raynor, 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
Louise A. Leitz, Clerk (C. S.; 10 months).....	400 00
<b>Total</b> .....	<b>\$32,350 00</b>

**Electrical Engineering.**

_____, Professor in charge of Department, vice Berg.....	5,000 00
Morgan Brooks, Professor (Indef.).....	3,000 00
_____, Professor .....	3,500 00
Ellery B. Paine, Associate Professor (Indef.).....	3,000 00
Edward H. Waldo, Assistant Professor (Indef.).....	2,000 00
John M. Bryant, Assistant Professor (3 years from September 1, 1912) .....	2,750 00
_____, Associate, vice Willson .....	2,000 00
Leonard V. James, Associate (2 years from September 1, 1913)...	1,600 00
Ira W. Fisk, Associate (2 years from September 1, 1913).....	1,600 00
Frank C. Loring, Instructor (10 months).....	1,300 00
Elizabeth Good, Clerk (C. S.).....	600 00
<b>Total</b> .....	<b>\$26,350 00</b>

**General Engineering Drawing.**

Harvey W. Miller, Assistant Professor (3 years from September 1, 1913) and Assistant Dean of the College of Engineering (1 year) .....	2,200 00
Robert K. Steward, Associate (2 years from September 1, 1913)...	1,700 00
Francis M. Porter, Associate (2 years from September 1, 1913)...	1,500 00
Harold O. Rugg, Instructor (10 months).....	1,500 00
Harvey H. Jordan, Instructor (10 months).....	1,400 00
Rufus Carne, Instructor (10 months).....	1,000 00
Walter S. Nelson, Assistant, on half time (10 months).....	300 00
<b>Total</b> .....	<b>\$9,600 00</b>

**Mechanical Engineering.**

Charles R. Richards, Acting Dean of the College of Engineering and Professor, in charge of Department (Indef.).....	5,000 00
George A. Goodenough, Professor of Thermodynamics (Indef.)...	3,500 00
_____, Professor of Experimental Mechanical Engineering .....	3,500 00
Oscar A. Leutwiler, Assistant Professor of Machine Design (Indef.)	2,900 00
Bruce W. Benedict, Director of Shop Laboratories (Indef.).....	3,500 00
Arthur C. Willard, Assistant Professor of Heating and Ventilation (3 years from September 1, 1913).....	2,400 00
John A. Dent, Associate in Mechanical Engineering (2 years from September 1, 1913) .....	1,800 00
David L. Scroggin, Instructor in Machine Work (10 months)....	1,200 00
Edgar T. Lanham, Instructor in Forge Work (10 months).....	1,200 00
Frederick Ellis, Instructor in Pattern Making (10 months).....	1,500 00
Harry F. Godeke, Instructor in Mechanical Engineering (10 months) .....	1,300 00
Robert E. Kennedy, Instructor in Foundry Work (10 months)...	1,200 00
Herbert S. Eames, Instructor in Mechanical Engineering (10 months) .....	1,400 00
Arthur B. Domonske, Instructor in Machine Design (10 months)	1,400 00
_____, Instructor in Machine Design, vice Mitchell (10 months) .....	1,300 00
_____, Instructor in Mechanical Engineering, vice Flanigan (10 months) .....	1,100 00
Gustav H. Radebaugh, Instructor in Machine Work (10 months)	1,100 00
Joseph C. Pendleton, Instructor in Foundry Work (10 months)...	1,000 00
James M. Duncan, Assistant in Pattern Making (10 months)....	900 00
Peter J. Rebman, Assistant in Forge Work (10 months).....	800 00
John A. Frisk, Assistant in Mechanical Engineering and Mechanician in M. E. Laboratory (12 months).....	1,100 00
William E. Alley, Mechanician in M. E. Laboratory (C. S.).....	1,020 00
Edward Berbaum, Mechanician in the Shop Laboratories (C. S.)	800 00
Benjamin L. Winchester, Toolroom Attendant in M. E. Laboratory (C. S.).....	600 00
Elmer R. Ellis, Toolroom Attendant in Machine Shop (C. S., temp.) .....	600 00
_____, Toolroom Attendant in Wood Shop, vice Roberts (C. S.) .....	600 00
Harriet L. Postlewait, Clerk (C. S.).....	660 00
<b>Total</b> .....	<b>\$43,380 00</b>



**Mining Engineering.**

Harry H. Stoek, Professor .....	\$5,000 00
—, Professor .....	4,000 00
—, Assistant Professor, vice Lincoln (1 year) .....	2,200 00
Stephen O. Andros, Associate, on part time (2 years from September 1, 1913) (see also below) .....	300 00
—, Instructor, vice Lauer (10 months) .....	1,500 00
—, Mechanician (C. S.) .....	780 00
Florence A. Nyberg, Clerk (C. S.) .....	600 00
Total .....	\$14,380 00

**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

**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 September 1, 1911) .....	2,250 00
—, Associate, M. and S. E., vice Habermeyer (2 years from September 1, 1913) .....	1,800 00
Virgil R. Fleming, Associate, T. and A. M. (2 years from September 1, 1913) .....	1,800 00
Paul Hansen, Associate, Sanitary Engineering and Engineer in the Water Survey (1 year)—salary under Water Survey .....	
—, Instructor, T. and A. M., vice Farwell (10 months) .....	1,400 00
Fred B. Seely, 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
—, Instructor, T. and A. M., vice Millard (10 months) .....	1,400 00
Harrison F. Gonnernan, Instructor, T. and A. M. (10 months) .....	1,500 00
Newton E. Ensign, Instructor, T. and A. M. (10 months) .....	1,500 00
Total .....	\$21,750 00

**Physics.**

Albert P. Carman, Professor (Indef.) .....	5,000 00
—, Professor .....	4,000 00
Charles T. Knipp, Assistant Professor (Indef.) .....	2,800 00
Floyd R. Watson, Assistant Professor (Indef.) .....	2,750 00
William F. Schulz, Assistant Professor (Indef.) .....	2,200 00
Jakob Kunz, Assistant Professor of Mathematical Physics (3 years from September 1, 1911) .....	2,500 00
Elmer H. Williams, Associate (2 years from September 1, 1912) .....	1,700 00
Glenn A. Shook, Instructor (10 months) .....	1,200 00
Orrin H. Smith, Assistant (10 months) .....	950 00
Lloyd T. Jones, Assistant (10 months) .....	950 00
Oscar A. Randolph, Assistant (10 months) .....	900 00
Earle H. Warner, Assistant (10 months) .....	800 00
Sebastian Karrer, Assistant (10 months) .....	700 00
William H. Bair, Assistant, on part time (10 months) .....	500 00
Jonas B. Nathanson, Assistant, on part time (10 months) .....	500 00
Student assistants .....	600 00
Earl T. Strong, Mechanician and Instrument Maker (12 months) .....	1,260 00
Burt Hayes, Assistant Mechanician (C. S.) .....	840 00
Henry T. Wyninger, Storekeeper (C. S.) .....	720 00
Della M. Rogers, Clerk (C. S.) .....	480 00
Total .....	\$31,350 00

**Railway Engineering.**

Edward C. Schmidt, Professor (Indef.) .....	4,000 00
—, Assistant Professor .....	3,000 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 September 1, 1911) .....	2,200 00
Arthur F. Comstock, Associate in Railway Civil Engineering (2 years from September 1, 1913) .....	2,000 00
Milton Ressler, Mechanician, vice McLean (C. S., temp.) .....	960 00
—, Laboratory Attendant (C. S.) .....	660 00
Bertha G. States, Clerk (C. S.) .....	600 00
Total .....	\$15,220 00

**ENGINEERING EXPERIMENT STATION.**

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)—on leave, without salary, 1913-14.

**ENGINEERING EXPERIMENT STATION—CONCLUDED.**

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.	
Alfred K. Chittenden, Lecturer on Timber and Timber Resources and Assistant to the Director (12 months) .....	\$2,750 00
Herbert F. Moore, Assistant Professor in Department of T. and A. M. (1 year) .....	2,750 00
Duff A. Abrams, Associate in Department of T. and A. M. (2 years from September 1, 1912) .....	1,800 00
Robert B. Keller, First Assistant in Department of Railway Engineering, vice Marquis (12 months) .....	2,000 00
David F. McFarland, First Assistant in Department of Chemistry and Assistant Professor of Chemistry in the College of Liberal Arts and Sciences (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, Assistant in Department of Electrical Engineering (12 months) .....	1,600 00
John N. Vedder, Assistant in Department of Mechanical Engineering (12 months) .....	1,600 00
Alonzo P. Kratz, Assistant in Department of Mechanical Engineering (12 months) .....	1,600 00
Harold H. Dunn, Assistant in Department of Railway Engineering (12 months) .....	1,400 00
Katie L. E. Humrichouse, Stenographer (C. S.) .....	600 00
Total .....	\$19,900 00

**COLLEGE OF AGRICULTURE AND AGRICULTURAL EXPERIMENT STATION.****Office of the Dean.**

Eugene Davenport, Dean, College, and Director, Station (1 year) and Professor of Thremmatology, College (Indef.) .....	\$6,000 00
Anna C. Glover, Assistant Secretary, Station (12 months) .....	1,200 00
Burt E. Powell, Editor of Agricultural Publications, Station (C. S.) .....	2,300 00
Henry L. Rietz, Statistician, Station (1 year) .....	*1,200 00
Florence E. Smith, Secretary to the Dean, College (C. S.) .....	900 00
Elmer Roberts, Assistant in Genetics, on part time, Station (12 months) .....	600 00
Total .....	\$12,200 00

**Agricultural Extension.**

Fred H. Rankin, Superintendent of Agricultural Extension (Indef.) and Assistant to the Dean, College (1 year) .....	3,500 00
Aretas W. Nolan, Assistant Professor, College (Indef.) .....	2,400 00
Albert W. Jamison, Associate, College (2 years from September 1, 1913) .....	2,000 00
Augusta D. Evans, Assistant, College (12 months) .....	1,000 00
Joseph H. Checkley, Assistant, College (12 months) .....	1,000 00
William P. Miller, Assistant, College (12 months) .....	500 00
Alice V. Hamilton, Student Record Keeper (C. S.) .....	900 00
Total .....	\$11,300 00

**Agronomy.**

Cyril G. Hopkins, Professor of Agronomy, College, and Chief in Agronomy and Chemistry, Station (Indef.) and Vice-Director, Station (1 year) .....	5,000 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. Pettit, Professor of Soil Fertility, College, and Chief in Soil Fertility, Station (Indef.) .....	3,000 00
Louie H. Smith, Professor of Plant Breeding, College, and Chief in Plant Breeding, Station (Indef.) .....	3,200 00
Ora S. Fisher, Assistant Professor of Soil Fertility, College, and Assistant Chief in Soil Fertility, Station (3 years from September 1, 1913) .....	2,500 00
Joseph P. Aumer, Associate in Chemistry, Station (2 years from September 1, 1913) .....	1,800 00
William L. Burlison, Associate in Crop Production, on part time, College and Station (2 years from September 1, 1913) .....	1,400 00
Ira W. Dickerson, Associate in Farm Mechanics, College (2 years from September 1, 1913) .....	1,600 00

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

**Agronomy—Concluded.**

Karl J. T. Ekblaw, Associate in Farm Mechanics, College (2 years from September 1, 1913)	\$1,600 00
Axel F. Gustafson, Associate in Soil Physics, College and Station (2 years from September 1, 1913)	2,100 00
Sidney V. Holt, Associate in Soil Physics, Station (2 years from September 1, 1913)	1,800 00
Ezekiel E. Hoskins, Associate in Soil Fertility, Station (2 years from September 1, 1913)	1,800 00
Clarence C. Logan, Associate in Soil Extension, Station (2 years from September 1, 1913)	1,800 00
Jay B. Park, Associate in Plant Breeding, Station (2 years from September 1, 1913)	1,800 00
Ward H. Sachs, Associate in Chemistry, Station (2 years from September 1, 1913)	1,600 00
Harold W. Stewart, Associate in Soil Physics, College and Station (2 years from September 1, 1912)	1,800 00
Ernest Van Alstine, Associate in Chemistry, Station (2 years from September 1, 1913)	2,100 00
Henry C. Wheeler, Associate in Soil Physics, Station (2 years from September 1, 1913)	1,800 00
John E. Whitchurch, Associate in Soil Fertility, Station (2 years from September 1, 1913)	1,800 00
Frederick C. Bauer, Associate in Soil Fertility, College and Station (2 years from September 1, 1913)	1,600 00
Forest A. Fisher, Instructor in Soil Physics, College, and First Assistant in Soil Physics, Station (12 months)	1,200 00
Frank W. Garrett, First Assistant in Soil Fertility, Station (12 months)	1,200 00
Walter B. Gernert, Associate in Plant Breeding, Station (2 years from September 1, 1913)	1,800 00
Marvin E. Jahr, Instructor in Farm Mechanics, College (10 months)	1,400 00
Wilbur E. Leighty, First Assistant in Chemistry, Station (12 months)	1,400 00
Gertrude Niederman, Assistant in Chemistry, Station (12 months)	1,200 00
Chester O. Reed, Instructor in Farm Mechanics, College (10 months)	1,200 00
Frederick M. W. Wascher, First Assistant in Soil Physics, Station (12 months)	1,200 00
Albert L. Whiting, Associate in Soil Biology, College and Station (2 years from September 1, 1913)	1,800 00
Clinton B. Clevenger, Assistant in the Chemistry of Soils, Station, vice Keller (12 months)	840 00
Robert W. Dickenson, Assistant in Soil Physics, Station (12 months)	1,000 00
Orr Allyn, Assistant in Crop Production, College and Station (12 months)	1,000 00
Leo R. Binding, Assistant in Chemistry, Station (12 months)	1,000 00
Earl A. White, Associate in Farm Mechanics, College (2 years from September 1, 1913)	2,100 00
Elmer T. Ebersol, Instructor in Crop Production, on part time, College (10 months)	600 00
Orland I. Ellis, Assistant in Soil Physics, Station (12 months)	840 00
Harrison F. T. Fahrnkopf, Assistant in Soil Fertility, College and Station (12 months)	840 00
George E. Gentle, Assistant in Soil Physics, Station (12 months)	840 00
Harry C. Gilkerson, Assistant in Soil Fertility, College and Station (12 months)	840 00
A. Floyd Heck, Assistant in Soil Fertility, College and Station (12 months)	840 00
Howard J. Snider, Assistant in Soil Fertility, College and Station (12 months)	840 00
<b>Total</b>	<b>\$71,420 00</b>

**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.)	3,200 00
John A. Detlefsen, Assistant Professor of Genetics, College, and Assistant Chief in Genetics, Station (3 years from September 1, 1912)	2,400 00
James L. Edmonds, Assistant Professor of Horse Husbandry, College, and Assistant Chief in Horse Husbandry, Station (3 years from September 1, 1913)	2,500 00
Harry S. Grindley, Professor of Animal Nutrition, College, and Chief in Animal Nutrition, Station (Indef.)	3,500 00
Arthur D. Emmett, Assistant Chief in Animal Nutrition, Station (12 months)	2,000 00
Louis D. Hall, Assistant Professor of Animal Husbandry, College, and Assistant Chief in Animal Husbandry, Station, on leave (3 years from September 1, 1913)	1,350 00

**Animal Husbandry—Concluded.**

Henry P. Rusk, Assistant Professor of Cattle Husbandry, College, and Assistant Chief in Cattle Husbandry, Station (3 years from September 1, 1913).....	\$2,500 00
Daniel O. Barto, Associate in Poultry Husbandry, College (2 years from September 1, 1913).....	2,400 00
Walter F. Handschin, Associate in Animal Husbandry, College and Station (2 years from September 1, 1913).....	2,400 00
Walter E. Joseph, Associate in Animal Husbandry, College and Station (2 years from September 1, 1913).....	1,800 00
Harold H. Mitchell, Associate in Chemistry, Station (2 years from September 1, 1913).....	1,600 00
Sleeter Bull, Associate in Animal Nutrition, College and Station (2 years from September 1, 1913).....	1,600 00
Virgil A. Place, Instructor in Animal Husbandry, College, and First Assistant in Animal Husbandry, Station (12 months)....	1,200 00
William H. Smith, Instructor in Animal Husbandry, College, and First Assistant in Animal Husbandry, Station (12 months)....	1,500 00
Wilbur J. Carmichael, Assistant in Animal Husbandry, College and Station (12 months).....	1,100 00
Assistant in Animal Husbandry, on half time, College and Station, vice Case (12 months).....	600 00
Editorial Assistant, Station, vice Perry (12 months).....	1,000 00
John R. Wells, Assistant in Animal Husbandry, College and Station (12 months).....	1,000 00
Francis M. Simpson, Instructor in Animal Husbandry, College and First Assistant in Animal Husbandry, Station (12 months).....	1,600 00
John J. Yoke, Assistant in Animal Husbandry, College and Station (12 months).....	1,000 00
Charles I. Newlin, Assistant in Animal Husbandry, College and Station (12 months).....	1,200 00
<b>Total</b> .....	<b>\$42,450 00</b>

**Dairy Husbandry.**

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 September 1, 1913).....	2,500 00
Royden E. Brand, Associate in Dairy Husbandry, College and Station (2 years from September 1, 1912).....	2,100 00
Horatio N. Parker, Instructor in Milk Distribution, College, and First Assistant in Milk Distribution, Station (12 months).....	2,400 00
Nelson W. Hepburn, Assistant Professor of Dairy Manufactures, College, and Assistant Chief in Dairy Manufactures, Station (3 years from September 1, 1913)—at a salary of \$2,500 per annum, on leave without salary, 1913-14.....	
Jesse M. Barnhart, Assistant in Chemistry, College, and First Assistant in Chemistry, Station (12 months).....	1,600 00
William T. Crandall, Associate in Milk Production, College and Station (2 years from September 1, 1913).....	1,800 00
Ray S. Hulce, Instructor in Milk Production, College, and First Assistant in Milk Production, Station (12 months).....	1,400 00
Oliver A. Keller, Assistant in Dairy Manufactures, College and Station (12 months).....	1,100 00
LeRoy Lang, Associate in Dairy Manufactures, College and Station (2 years from September 1, 1913).....	2,100 00
Frank A. Pearson, Assistant in Dairy Husbandry, College and Station (12 months).....	1,100 00
Harrison A. Ruehe, Instructor in Dairy Manufactures, College, and First Assistant in Dairy Manufactures, Station (12 months).....	1,600 00
William F. Wells, First Assistant in Milk Distribution, Station (12 months).....	1,600 00
William W. Yapp, Assistant in Dairy Husbandry, College (12 months).....	1,100 00
Ernest M. Clark, Assistant in Dairy Husbandry, Station (12 months).....	900 00
<b>Total</b> .....	<b>\$29,800 00</b>

**Horticulture.**

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 Civil Design, on part time, College (1 year) .....	1,200 00

### Horticulture—Concluded.

Herman B. Dornier, Assistant Professor of Floriculture, College, and Assistant Chief in Floriculture, Station (3 years from September 1, 1911) .....	\$3,000 00
Willoughby Miller, Assistant Professor of Landscape Horticulture, College (3 years from September 1, 1912) .....	3,000 00
Bethel S. Pickett, Assistant Professor of Pomology, College, and Assistant Chief in Pomology, Station (3 years from September 1, 1912) .....	3,000 00
Ralph R. Root, Assistant Professor of Landscape Gardening, College (2 years from September 1, 1913) .....	2,500 00
Ernest W. Bailey, Associate in Pomology, College, and Associate in Plant Breeding, Station (2 years from September 1, 1913) ..	2,100 00
Simeon J. Boie, Associate in Pomology, College and Station (2 years from September 1, 1913) .....	1,800 00
Charles E. Durst, Associate in Olericulture, College and Station (2 years from September 1, 1913) .....	1,800 00
Lawrence E. Foglesong, Instructor in Landscape Gardening, College (12 months) .....	1,400 00
Arno H. Nehrling, Associate in Floriculture, College and Station (2 years from September 1, 1913) .....	1,800 00
Warren A. Ruth, Associate in Horticultural Chemistry, Station (2 years from September 1, 1913) .....	1,800 00
Oscar S. Watkins, Associate in Horticultural Chemistry, College and Station (2 years from September 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) .....	1,200 00
Alfred J. Gunderson, First Assistant in Pomology, Station (12 months) .....	1,200 00
James Hutchinson, Assistant in Floriculture, Station (12 months) .....	1,200 00
Fred W. Muncie, First Assistant in Floriculture, Station (12 months) .....	1,000 00
George L. Peltier, Assistant in Pathological Floriculture, Station (12 months) .....	1,000 00
Robert W. Hoffman, Instructor in Landscape Design, College (12 months) .....	840 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) .....	840 00
....., Instructor in Landscape Gardening, College (12 months) .....	840 00
Arthur S. Colby, Assistant in Pomology, on part time, College (12 months) .....	720 00
Total .....	\$49,240 00

## Household Science.

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 September 1, 1911).....	2,250 00
Cora E. Gray, Associate (2 years from September 1, 1913).....	1,400 00
Helena M. Pincomb, Associate (2 years from September 1, 1913).....	1,600 00
Nina B. Criger, Associate (2 years from September 1, 1913)....	1,400 00
Maud Parsons, Instructor and Director of the Lunchroom (12 months).....	1,400 00
Lurene Seymour, Associate (1 year).....	1,800 00
Ruth Wheeler, Associate (2 years from September 1, 1913)....	1,700 00
Georgia Fleming, Instructor in Textiles (10 months).....	1,000 00
Grace E. Stevens, Instructor (10 months).....	1,100 00
Bessie Packard, Office Assistant (C. S.).....	900 00
Florence Harrison, Instructor, in charge of Extension (12 months).....	1,200 00
<b>Total .....</b>	<b>\$18,750 00</b>

**Veterinary Science.**

Donald McIntosh, Professor (Indef.)	2,500 00
-------------------------------------	----------

**SCHOOL OF MUSIC.**

Charles H. Mills, Director and Professor of Music (both 1 year)	\$2,700	00
George F. Schwartz, Assistant Professor of Music (3 years from September 1, 1911).....	2,200	00
Constance Barlow-Smith, Assistant Professor of Sight-Singing and Ear Training, in charge of Public School Music (3 years from September 1, 1913).....	2,000	00
H. J. Van den Berg, Instructor in Piano (10 months).....	1,800	00
Albert A. Harding, Director of the Band and Instructor in Wind Instruments (10 months).....	1,800	00
Heber D. Nasmyth, Instructor in Voice, vice Johnston (10 months)	1,700	00

**SCHOOL OF MUSIC—CONCLUDED.**

Edson W. Morphy, Instructor in Violin (10 months) .....	\$1,700 00
Florence M. Kirkup, Instructor in Voice (10 months) .....	1,000 00
Edna A. Treat, Instructor in Piano (10 months) .....	1,000 00
Lowell L. Townsend, Instructor in Piano (10 months) .....	1,200 00
_____, Instructor in Voice, vice McCobb (10 months) .....	1,000 00
_____, Instructor and Secretary (12 months) .....	1,200 00
<b>Total</b> .....	<b>\$19,300 00</b>

**DEPARTMENT OF PHYSICAL TRAINING FOR MEN.**

George A. Huff, Director (1 year) .....	\$3,000 00
Leo G. Hana, Instructor (10 months) .....	1,700 00
Harry L. Gill, Instructor in Track Athletics (10 months) .....	2,200 00
Edward J. Manley, Instructor in Swimming (10 months) .....	900 00
Roy N. Fargo, Assistant (10 months) .....	500 00
Ralph R. Jones, Assistant (10 months) .....	1,200 00
Ira R. Carrithers, Instructor in Intramural Athletics (10 months) .....	600 00
Henry E. Pengilly, Instructor in Fencing (10 months) .....	100 00
<b>Total</b> .....	<b>\$10,200 00</b>

**DEPARTMENT OF PHYSICAL TRAINING FOR WOMEN.**

Gertrude E. Moulton, Director (1 year) .....	\$1,600 00
_____, Instructor, vice Dunsford (10 months) .....	1,500 00
Verna Brooks, Instructor (10 months) .....	900 00
_____, First Assistant (10 months) .....	800 00
_____, Instructor, vice Williams (10 months) .....	850 00
Marion C. Landee, Assistant, on half time (10 months) (See also under English Department) .....	450 00
Rosa L. Gaut, Assistant (10 months) .....	400 00
Agnes Hitt, Student Assistant (10 months) .....	200 00
<b>Total</b> .....	<b>\$6,700 00</b>

**MILITARY DEPARTMENT.**

_____, Commandant of Cadets (12 months) .....	\$576 00
Five Assistants in Military Science at \$100 each (10 months)...	500 00
Frederick Post, Armorer and Administrative Assistant (C. S.) ..	900 00
<b>Total</b> .....	<b>\$1,976 00</b>

**GRADUATE SCHOOL.**

David Kinley, Dean of the Graduate School and Director of the Courses in Commerce (1 year) and Professor of Economics (Indef.) .....	\$6,000 00
_____, Professor .....	4,000 00
Albert B. Wright, Research Assistant (12 months) .....	600 00
Lida E. Voigt, Clerk and Stenographer (C. S.) .....	1,000 00
<b>Total</b> .....	<b>\$11,600 00</b>

**COLLEGE OF LAW.**

Oliver A. Harker, Dean (1 year) and Professor (Indef.) .....	\$4,000 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
_____, Professor .....	3,500 00
John N. Pomeroy, Professor, on 11-16ths time (3 years from September 1, 1911) .....	2,500 00
Librarian and Custodians .....	2,000 00
_____, Stenographer (10 months) .....	600 00
Clerk in Practice Court (10 months) .....	100 00
<b>Total</b> .....	<b>\$26,700 00</b>

**LIBRARY SCHOOL.**

Phineas L. Windsor, Director and Librarian (1 year)—salary under Library .....	
Frances Simpson, Assistant Director (1 year) and Assistant Professor of Library Economy (Indef.) .....	\$2,000 00
Florence R. Curtis, Associate in Library Economy (2 years from September 1, 1913) .....	1,600 00

**LIBRARY SCHOOL—CONCLUDED.**

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
_____, Reviser, vice Oaks (3 months) .....	225 00
Salaries of summer session, 1914 .....	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.) .....	780 00
_____, General Assistant, vice Renz (C. S.) .....	650 00
_____, General Assistant (C. S.; 10 months) .....	650 00
Eleanor G. Karsten, Lecturer in the Library School and Secretary to the Librarian (12 months) .....	1,200 00
Nora Kirwin, Stenographer (C. S.) .....	600 00
_____, Stenographer (C. S.) .....	600 00
Edmund Wharmby, Helper (C. S.) .....	660 00
<b>Total</b> .....	<b>\$11,040 00</b>

**Order Department.**

Jacob Hodnefield, Lecturer on Exchanges in the Library School and Exchange Assistant (12 months) .....	1,500 00
Myrtle Renz, Order Assistant (C. S.) .....	900 00
Clara Ricketts, Order Assistant (C. S.) .....	720 00
_____, Order Assistant (C. S.) .....	900 00
Aurella Knapp, Order Assistant, Periodicals (C. S.) .....	900 00
_____, Order Assistant, Gifts, vice Robertson (C. S.) .....	720 00
_____, Clerk (C. S.) .....	720 00
_____, Stenographer and Bookkeeper, vice Ash (C. S.) .....	720 00
Student assistance .....	600 00
<b>Total</b> .....	<b>7,680 00</b>

**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
<b>Total</b> .....	<b>\$3,000 00</b>

**Loan Department.**

Emma R. Jutton, Lecturer on the Loan Department and Loan Librarian (12 months) .....	1,200 00
Frances Feind, Loan Assistant (C. S.) .....	960 00
Sarah E. Bryan, Loan Assistant (C. S.) .....	840 00
Viola Fraser, Loan Assistant (C. S.) .....	780 00
Ina M. Brown, Loan Assistant (C. S.) .....	720 00
_____, Shelf Assistant, vice Smith (C. S.) .....	840 00
_____, Shelf Assistant, vice Prickett (C. S.) .....	660 00
_____, Shelf Assistant (C. S.) .....	660 00
_____, Sunday Assistant, vice Mitchell (9 months) .....	72 00
_____, Clerk (C. S.) .....	720 00
Student assistance .....	1,400 00
<b>Total</b> .....	<b>\$8,852 00</b>

**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
_____, Cataloger, vice Torrance (C. S.) .....	720 00
Fannie Dunlap, Cataloger (C. S.) .....	720 00
Bertha L. Sharp, Cataloger (C. S.) .....	660 00
_____, Cataloger (C. S.) .....	780 00
_____, Cataloger (C. S.) .....	780 00
_____, Cataloger (C. S.) .....	780 00

**Catalog Department—Concluded.**

_____, Cataloger (C. S.) .....	\$780 00
Mary Blackwell, Typist (C. S.) .....	660 00
_____, Typist, vice White (C. S.; 10 months) .....	500 00
_____, Clerk (C. S.) .....	720 00
Student Assistants .....	900 00
Total .....	\$14,400 00

**Binding Department.**

Josie B. Houchens, Binding Librarian (C. S.) .....	1,000 00
_____, Binding Assistant (C. S.; 10 months) .....	650 00
Total .....	\$1,650 00

**Departmental Libraries.**

Mary Torrance, Lecturer on Departmental Library Problems in the Library School and Departmental Library Assistant in Classics (12 months) .....	900 00
John B. Kaiser, Lecturer on Departmental Library Problems in the Library School and Departmental Library Assistant in Economics and Sociology (12 months) .....	1,800 00
_____, Departmental Library Assistant in Economics, Sociology, History, and Political Science (C. S.) .....	780 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, on one-half time (12 months) .....	500 00
_____, 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. ....	1,900 00
Student assistants .....	
Total .....	\$10,380 00
Total, Library .....	57,002 00

**SCHOOL OF PHARMACY.****SALARIES FOR TEACHING—**

William B. Day, Professor of Botany and Materia Medica (1 year) .....	\$1,200 00
Albert H. Clerk, Assistant Professor of Chemistry (1 year) .....	1,800 00
Clyde M. Snow, Assistant Professor of Pharmacy (1 year) .....	1,800 00
Edmund N. Gathercoal, Instructor in Pharmacognosy (1 year) .....	1,300 00
Henry W. Colson, Instructor in Chemistry (1 year) .....	1,000 00
Ben L. Eicher, Instructor in Pharmacy (1 year) .....	1,000 00
Bernard Fantus, Lecturer in Physiology (1 year) .....	200 00
Student Assistants (3) .....	250 00
Total .....	\$8,550 00

**SALARIES FOR SERVICES—**

William B. Day, Acting Dean and Actuary (1 year) .....	1,300 00
R. Meseck, Janitor (C. S.) .....	780 00
Mary Scanlan, Stenographer (C. S.) .....	720 00
Total .....	\$2,800 00

**EQUIPMENT AND INCIDENTALS—**

Apparatus .....	1,100 00
Laboratory supplies .....	1,200 00
Library .....	300 00
Advertising .....	1,000 00
Printing and postage .....	300 00
Repairs .....	200 00
Rent .....	6,000 00
Light .....	425 00
Water .....	15 00
Telephone .....	70 00
Laboratory refunds .....	260 00



EQUIPMENT AND INCIDENTALS—*Concluded.*

Special assessments .....	\$100 00
Fixtures and furniture .....	200 00
Refunds of tuition .....	275 00
Incidentals .....	600 00
Extra help .....	25 00
Total .....	\$12,070 00

## SUMMARY OF SALARIES.

President's office .....	\$20,000 00
Comptroller's office .....	17,946 45
Registrar's office .....	12,140 00
Dean of Men's office .....	3,480 00
Dean of Women's office .....	3,200 00
High School Visitor's office .....	6,150 00
Supervising Architect's office .....	24,535 00
College of Liberal Arts and Sciences—	
Dean's office .....	\$ 7,690 00
Art and design .....	10,850 00
Classics .....	15,000 00
Education .....	17,550 00
English .....	58,800 00
German .....	25,550 00
History .....	21,750 00
Philosophy .....	8,600 00
Political science .....	10,350 00
Psychology .....	9,550 00
Romance languages .....	20,650 00
Sociology .....	5,000 00
Courses in commerce .....	36,700 00
Astronomy .....	5,300 00
Bacteriology .....	4,300 00
Botany .....	17,100 00
Chemistry .....	53,825 00
Entomology .....	9,150 00
Geology .....	12,100 00
Mathematics .....	33,150 00
Physiology .....	4,350 00
Zoölogy .....	23,400 00
Ceramics .....	7,500 00
Total, College of Liberal Arts and Sciences .....	418,215 00
College of Engineering—	
Dean's office .....	\$ 3,760 00
Architecture .....	31,050 00
Civil engineering .....	32,350 00
Electrical engineering .....	26,350 00
General engineering drawing .....	9,600 00
Mechanical engineering .....	43,380 00
Mining engineering .....	14,380 00
Mining—Cooperative investigation .....	1,800 00
M. and S. E. and T. and A. M. ....	21,750 00
Physics .....	31,850 00
Railway engineering .....	15,220 00
Engineering Experiment Station .....	19,900 00
Total, College of Engineering .....	250,890 00
College of Agriculture and Agricultural Experiment Station—	
Dean's office .....	\$12,200 00
Agricultural extension .....	11,300 00
Agronomy .....	71,420 00
Animal husbandry .....	42,450 00
Dairy husbandry .....	29,800 00
Horticulture .....	49,240 00
Household science .....	18,750 00
Veterinary science .....	2,500 00
Total, College of Agriculture and Agricultural Experiment Station .....	237,660 00
School of Music .....	19,300 00
Graduate School .....	11,600 00
Physical Training, Men .....	10,200 00
Physical Training, Women .....	6,700 00
Military Department .....	1,976 00
College of Law .....	26,700 00
Library School .....	7,275 00
Library .....	57,002 00
Water Survey (salaries)* .....	21,890 00
School of Pharmacy (salaries) .....	11,350 00
Total .....	\$1,168,209 45

\* See page 629.

**RECOMMENDATIONS WITH REFERENCE TO MEDICAL FACULTY.**

President James presented also his recommendations with reference to appointments in the faculty of the College of Medicine, with the further recommendation that this matter be referred to the Committee on the College of Medicine and School of Pharmacy with power to act.

On motion of Mrs. Busey, the president's recommendations with reference to appointments in the faculty of the College of Medicine were referred to the Committee on the College of Medicine and the School of Pharmacy with power to act.

**BUILDINGS BUDGET.**

President James presented also the following recommendation with reference to buildings:

That the Board of Trustees authorize the supervising architect to proceed with plans for the following buildings at the estimated cost indicated, and that of the total sum the amount of nine hundred thousand dollars (\$900,000) be appropriated from the funds available for the purchase of land and erection of buildings during the present biennium, the balance to be a charge upon the funds of the next biennium:

1. Addition to the Natural History Building.....	\$ 65,000 00
2. Addition to the Chemistry Building.....	250,000 00
3. Addition to the Commerce Building for administrative purposes..	125,000 00
4. Ceramics Building .....	65,000 00
5. School of Education Building .....	120,000 00
6. Women's Residence Hall .....	100,000 00
7. Engineering Buildings—	
(a) Completion of Transportation Building.....	\$33,000 00
(b) Railway Electrical Laboratory .....	25,000 00
(c) Wing for work in concrete, etc.....	16,000 00
(d) Extension of Mechanical Engineering Laboratory .....	26,000 00
8. Stock Judging Pavilion .....	100,000 00
9. Completion of the ends of the Armory, heating, lighting, flooring, and grading the Armory .....	30,000 00
10. Zoölogical Laboratory, Plant Laboratory, insectary, and storehouse	90,000 00
11. Addition to the Library book stack .....	50,000 00
12. Addition to the University boilerhouse .....	27,700 00
13. Reconstruction of the east wing of the Gymnasium.....	44,880 00
14. Horticultural Field Laboratory .....	8,000 00
15. Horticultural glasshouses, including the moving of the old houses	30,000 00
16. Experimental feeding plant .....	18,000 00
17. Farmhouse .....	10,000 00
	4,500 00
	<hr/>
	\$1,138,080 00

**VOTE ON THE PURCHASE OF LAND.**

At this point Mrs. Busey's motion (page 607) was called up for consideration, namely, that the report of the Finance Committee be accepted, that the officers of the board be authorized to close the purchase of the tracts of land recommended by the committee for purchase, and that the committee be given further time to consider the other proposed tracts.

Mrs. Evans moved to amend this motion so as to provide for the immediate purchase of the one hundred sixty acres on which the board has a written option and to authorize the Finance Committee to secure options on the other tracts.

When, after further discussion, the vote was taken, the motion to amend was lost. The original motion, carrying the approval of the report of the Finance Committee, the setting aside of four hundred thousand dollars (\$400,000) for the purchase of land, and the appropriation of two hundred fifty-six thousand dollars (\$256,000) for the purchase of the tracts specified in the report, was passed. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Hoit, Mr. Meeker.

**APPROVAL OF THE 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, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Hoyt, Mr. Meeker.

### VOTE ON THE BUILDINGS BUDGET.

On motion of Mr. Montgomery, it was voted to approve the recommendation presented by President James that the supervising architect be authorized to proceed with plans for buildings as enumerated above, at the estimated cost indicated, and that the sum of nine hundred thousand dollars (\$900,000) be appropriated for this purpose from the funds available for the purchase of land and erection of buildings during the present biennium, the balance to be a charge upon the funds of the next biennium. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Hoyt, Mr. Meeker.

At this point Dr. Montgomery withdrew.

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

President James presented the following matters for consideration:

#### APPOINTMENT OF SECRETARY, COLLEGES OF MEDICINE AND DENTISTRY.

(1) A recommendation that Mr. William H. Browne, at present Superintendent of the College of Medicine, be appointed Secretary and Superintendent of Buildings and Grounds for the College of Medicine and Dentistry, at a salary of three thousand dollars. (\$3,000) per annum, beginning July 1, 1903, and continuing until further notice.

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

#### PROVISIONAL BUDGET, COLLEGE OF DENTISTRY.

(2) The following provisional budget for the College of Dentistry for the academic year beginning September 1, 1913, with the request that the President of the University be authorized to fill the vacant positions therein within the amounts provided.

1. Department of Operative Dentistry—	
Head of department; 2 demonstrators, 1 instructor.....	\$2,600 00
2. Department of Prosthetic Dentistry—	
Head of department; 1 instructor, 1 demonstrator.....	2,400 00
3. Department of Oral Surgery and Pathology—	
Head of department; 2 instructors; 2 clinical assistants.....	1,750 00
4. Department of Bacteriology—	
Head of department; 1 laboratory instructor.....	1,000 00
5. Department of Materia Medica and Therapeutics—	
Head of department; 1 assistant .....	1,000 00
6. Department of Porcelain Art—	
Head of department; 1 assistant .....	500 00
7. Department of Orthodontia and Histology—	
Head of department; 1 laboratory instructor .....	1,500 00
8. Superintendent of Infirmary and Lecturer on Jurisprudence.....	3,000 00
9. Instruction in Comparative Anatomy .....	150 00
10. Instruction in Anesthesia and Physical Diagnosis .....	150 00
11. Dean .....	1,000 00
12. Office: Secretary and 2 stenographers .....	2,640 00
	<hr/>
	\$17,690 00

(3) The following recommendations:

1. That Dr. Frederick B. Moorehead be appointed Dean of the College of Dentistry of the University of Illinois for one year at a salary of one thousand dollars per annum, work and salary to begin July 1, 1913.
2. That Dr. Donald McKay Gallie be appointed Professor of Operative Dentistry in the College of Dentistry of the University of Illinois for one year beginning September 1, 1913, at a salary of one thousand dollars per annum.
3. That Dr. Walter Dittmar be appointed Professor of Prosthetic Dentistry in the College of Dentistry of the University of Illinois, for one year from September 1, 1913, at a salary of one thousand dollars.

4. That Dr. Frederick B. Moorehead be appointed Professor of Oral Surgery in the College of Dentistry of the University of Illinois for one year from September 1, 1913, at a salary of one thousand dollars per annum.

On motion of Mrs. Evans, these recommendations were approved, and the President of the University was given authority to fill the vacant positions in the College of Dentistry within the amounts provided. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Moore, Mr. Trevett, Miss Watson; noes none; absent, Mr. Blair, Mr. Dunne, Mr. Hoit, Mr. Meeker, Mr. Montgomery.

#### CONTRACT AUTHORIZED FOR THE EQUIPMENT OF THE DENTAL INFIRMARY.

(4) Copies of bids from the Ritter Dental Supply House, of Chicago, and the S. S. White Dental Manufacturing Company, of Chicago, on the equipment for the infirmary of the College of Dentistry; with a recommendation from Professor James M. White, Supervising Architect, that the contract be awarded to the S. S. White Dental Manufacturing Company on the basis of their bid of six thousand two hundred fifty dollars (\$6,250.00).

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

#### APPOINTMENT OF AN ASSISTANT DEAN OF WOMEN.

(5) A recommendation that Miss Martha J. Kyle be appointed Assistant Dean of Women, beginning August 1, 1913, and continuing until further notice, at a salary as Assistant Dean of Women (in addition to her salary as Instructor of English) of fifty dollars (\$50) a month.

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

#### RECONSTRUCTION OF ROOMS FOR THE WORK IN ANIMAL NUTRITION.

(6) A request from Professor James M. White, Supervising Architect, for an appropriation of five thousand eight hundred dollars (\$5,800) to provide for the reconstruction of the space over the present Stock Judging Pavilion to be used for the work in animal nutrition.

On motion of Mr. Moore, this request was approved, and an appropriation of five thousand eight hundred dollars (\$5,800) was made for this purpose. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Hoit, Mr. Meeker, Mr. Montgomery.

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

(7) 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.

On motion of Mrs. Busey, the foregoing authorization was given as requested.

The board adjourned.

W. L. ABBOTT, *President*.

C. M. McCONN, *Secretary*.

---

#### MEETING OF THE EXECUTIVE COMMITTEE, JULY 23, 1913.

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held at the La Salle Hotel, in the city of Chicago, on Wednesday, July 23, 1913, immediately following the adjournment of the special meeting of the Board of Trustees held on that date.

There were present: Mr. Abbott and Mr. Moore, members of the Executive Committee, and Mrs. Evans and Mrs. Henrotin, members of the board.

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

President James presented the following matters for consideration:

##### APPROPRIATIONS FOR EXTENSION OF CONDUIT.

(1) A request from Professor James M. White, Supervising Architect, that five thousand dollars (\$5,000) be appropriated for the extension of electrical conduit and cable, to provide for fifteen ducts from the Physics Building to the Law Building, for the extension of three ducts from the Dairy Barns to the Stock Judging Pavilion, for six ducts from the Dairy Barns to the Horticultural Green Houses, and for six ducts for 300 feet towards the new Armory and four ducts the balance of the way.

This recommendation was approved.

##### AUTHORITY FOR THE APPOINTMENT OF PROFESSOR FRECHET.

(2) A request that the President of the University be authorized to appoint Professor Fréchet of the University of Poitiers to be Professor of Mathematics in the University of Illinois for the academic year 1914-15, at a salary of three thousand dollars (\$3,000) for the year.

This recommendation was approved.

##### APPOINTMENTS IN ACCOUNTANCY.

(3) A recommendation that Mr. William A. Chase be appointed Lecturer in Accountancy and Commercial Law, on part time, for the academic year 1913-14, at a salary of two thousand dollars (\$2,000) for the year.

(4) A recommendation that Mr. H. T. Scoville be appointed Instructor in Accountancy for the academic year 1913-14, at a salary of two thousand dollars (\$2,000) for the year.

The foregoing recommendations were approved.

##### APPOINTMENT OF AN INSTRUCTOR IN ECONOMICS.

(5) A recommendation that Dr. C. M. Thompson be appointed Instructor in Economics for the academic year beginning September 1, 1913, at a salary of eighteen hundred dollars (\$1,800) for the year.

This recommendation was approved.

##### APPOINTMENT IN THE SUPERVISING ARCHITECT'S OFFICE.

(6) A recommendation from Professor James M. White, Supervising Architect, that Mr. George B. Rice be appointed Lecturer on the Installation and Operation of Mechanical Equipment for Buildings, and Assistant Mechanical Engineer in the office of the Supervising Architect, for one year beginning September 1, 1913, at a salary of three thousand dollars (\$3,000) for the year.

This recommendation was approved.

##### APPOINTMENT OF AN ASSISTANT PROFESSOR OF STRUCTURAL ENGINEERING.

(7) A request that the President of the University be authorized to appoint Mr. John I. Parcel to be Assistant Professor of Structural Engineering, for three years beginning September 1, 1913, at a salary of twenty-five hundred dollars (\$2,500) per annum.

It was voted that such authority be given.

##### APPOINTMENT OF AN ASSISTANT PROFESSOR OF BOTANY.

(8) A request that the President of the University be authorized to appoint Mr. G. R. Lyman to be Assistant Professor of Botany, for three years beginning September 1, 1913, at a salary of twenty-five hundred dollars (\$2,500) per annum.

It was voted that such authority be given.

At this point Miss Watson took her seat with the committee.

**BUDGET OF THE STATE WATER SURVEY.**

(9) The following proposed budget for the State Water Survey, recommended by Dr. Edward Bartow, Director of the Water Survey, with the request that the President of the University be authorized to approve this budget as submitted, with such modifications as in his judgment may be necessary.

**STATE WATER SURVEY.****Salaries—**

Edward Bartow, Professor of Sanitary Chemistry (Indef.) and Director (1 year) .....	\$4,000 00
Paul Hansen, Associate in Sanitary Engineering and Engineer (1 year) .....	3,500 00
Wilfred F. Langelier, Inspector (12 months) .....	1,500 00
Harry P. Corson, Assistant in Sanitary Chemistry and Chemist and Bacteriologist (12 months) .....	1,500 00
Ralph Hilscher, Assistant Engineer (12 months) .....	1,500 00
Milford E. Hinds, Assistant Chemist (12 months) .....	840 00
Fred W. Tanner, Assistant Bacteriologist (12 months) .....	840 00
Floyd W. Mohlman, Assistant Chemist (12 months) .....	840 00
Harry F. Ferguson, Engineering Assistant (12 months) .....	1,080 00
Henry L. Huenink, Assistant Chemist (9 months from October 1, 1913) .....	630 00
Maurice C. Sjoblom, Engineering Assistant (12 months) .....	900 00
Engineering Assistant .....	900 00
Wesley W. Hanford, Assistant Chemist, vice Hollman (12 months) .....	720 00
Carmen F. Harnack, Clerk (C. S.; new salary from July 1, 1913) ..	780 00
Marie Jester, Stenographer (C. S.; new salary from July 1, 1913) ..	660 00
Jennie B. McMullen, Stenographer (C. S.; new salary from July 1, 1913) .....	600 00
Eliza Hart, Stenographer (C. S.; new salary from July 1, 1913) ..	500 00
John J. Johnson, Janitor and Laboratory Assistant (C. S.; new salary from July 1, 1913) .....	600 00
	<b>\$21,890 00</b>

**Expenses—**

Traveling expenses of the Director, Engineer and Assistant Engineers, Chemists and Bacteriologists, and other employees .....	\$4,000 00
Telegraphing, telephoning, expressage, postage, the purchase of furniture, typewriters, office supplies, printing, engraving and the necessary printing paper and stationery therefor, and other necessary expenditures for the maintenance of the office .....	4,500 00
Miscellaneous .....	3,031 33
	<b>\$11,531 33</b>

**Total .....** **\$33,421 33**

NOTE.—The above estimate is made on the basis of funds available July 1, 1913, as follows:

State Water Survey appropriation .....	\$ 7,500 00
Fees .....	500 00
Special investigations .....	21,500 00
Balance July 1, 1913 .....	3,921 33
	<b>\$33,421 33</b>

It was voted to authorize the President of the University to approve the foregoing budget of the Water Survey, with such modifications as may seem to him necessary.\*

**VALUATION OF PROPERTY ADJOINING THE COLLEGE OF DENTISTRY.**

President Abbott reported that at his request the Chicago Real Estate Board had made a valuation of the property on Harrison Street, immediately east of the building of the College of Dentistry, in view of the possible desire of the University to purchase this property at some future date as a

\* The Secretary subsequently received the following letter from President James, carrying the approval of the budget of the State Water Survey, as printed above, without change:

August 1, 1913.

Mr. C. M. McConn, Secretary.

MY DEAR SIR: I am inclosing a copy of the appointments in the State Water Survey for the coming year, also a proposed budget, which I hereby approve under the authority given me by the Trustees at their last meeting.

Faithfully yours,

EDMUND J. JAMES.

location for the School of Pharmacy, and that the Real Estate Board had reported the following valuation:

Land .....	\$21,600 00
Improvements .....	9,000 00
Total valuation .....	\$30,600 00

Mr. Abbott presented also a bill from the Chicago Real Estate Board of sixty-five dollars and sixty cents (\$65.60) for making this valuation, which bill was ordered paid.

#### APPOINTMENTS MADE BY PRESIDENT JAMES.

The secretary presented the following report of appointments made by the President of the University to fill vacancies in positions authorized by the Board of Trustees:

Crane, Rufus, Instructor in General Engineering Drawing, for ten months beginning September 1, 1913, at a salary of one hundred dollars (\$100) a month. (July 8, 1913.)

Duncalf, Frederick, Assistant Professor of History, for three years beginning September 1, 1913, at a salary of twenty-five hundred dollars (\$2,500) per annum. (July 5, 1913.)

Hursh, R. K., Research Assistant in Ceramics, for the months of July and August, 1913, at a salary of one hundred dollars (\$100) a month. (July 8, 1913.)

Karrer, Sebastian, Assistant in Physics, for ten months beginning September 1, 1913, at a salary of seventy dollars (\$70) a month. (July 15, 1913.)

Kingsley, John Sterling, Professor of Zoölogy, at a salary of thirty-five hundred dollars (\$3,500) per annum, beginning September 1, 1913. (July 16, 1913.)

Lybyer, Albert Howe, Associate Professor of History, beginning September 1, 1913, at a salary of twenty-eight hundred dollars (\$28,000) per annum. (July 3, 1913.)

Nathanson, Jonas B., Assistant in Physics, on part time, for ten months beginning September 1, 1913, at a salary of fifty dollars (\$50) a month. (July 15, 1913.)

Radcliffe, B. S., Research Assistant in Ceramic Engineering in the Department of Ceramics, for the months of July and August, 1913, at a salary of eighty dollars (\$80) a month. (July 8, 1913.)

#### THE REGISTRAR'S REPORT OF FEES PAYABLE, SECOND SEMESTER, 1912-1913.

The secretary presented the registrar's report of fees due from students in the colleges and schools at Urbana for the second semester of the academic year 1912-13.

This report was received for record:

	Gross.	Refund.	Net total.
<b>Matriculation Fees—</b>			
66 @ \$10.00 .....	\$660 00	.....	.....
Refund, 3 @ \$2.50* .....	.....	\$7 50	\$652 50
49 @ \$7.50 (tuition fee applied toward matriculation) .....	367 50	.....	367 50
49 @ \$2.50 (balance of above) .....	122 50	.....	122 50
Total matriculation fees .....	\$ 1,150 00	\$ 7 50	\$ 1,142 50
<b>Incidental Fees—</b>			
2546 @ \$12.00 .....	30,552 00	.....	.....
Refund, 21 @ \$12.00 .....	.....	252 00	30,300 00
6 @ \$6.00 .....	36 00	.....	.....
Refund, 57 @ \$6.00 .....	.....	342 00	—306 00
Total incidental fees .....	\$30,588 00	\$594 00	\$29,994 00
<b>Tuition Fees—</b>			
395 @ \$7.50—49 @ \$7.50 (matriculated during semester) .....	2,595 00	.....	.....
Refund, 7 @ \$7.50 .....	.....	52 50	2,542 50
1 @ \$5.00 (balance) .....	5 00	.....	5 00
1 @ \$3.75 (one-half) .....	3 75	.....	.....
Refund, 21 @ \$3.75 (one-half) ..	.....	78 75	—75 00
103 @ \$25.00 (law) .....	2,575 00	.....	2,575 00
5 @ \$12.50 (one-half, law) .....	62 50	.....	62 50
6 @ \$ 5.00 (courses, law) .....	30 00	.....	30 00
Total tuition fees .....	\$5,271 25	\$131 25	\$5,140 00

\* Refund given because students could not meet matriculation requirements; remainder of fee used for tuition.

	Gross.	Refund.	Net total.
<b>Music Fees—</b>			
Refund, 1 @ \$4.00.....	.....	\$ 4 00	—\$ 4 00
Refund, 2 @ \$4.25.....	.....	8 50	—8 50
1 @ \$4.50.....	\$ 4 50	.....	.....
Refund, 2 @ \$4.50.....	.....	9 00	—4 50
Refund, 2 @ \$5.00.....	.....	10 00	—10 00
1 @ \$7.50.....	7 50	.....	.....
Refund, 1 @ \$7.50.....	.....	7 50	.....
59 @ \$8.50.....	501 50	.....	501 50
8 @ \$9.00.....	72 00	.....	.....
Refund, 1 @ \$9.00.....	.....	9 00	63 00
6 @ \$11.00.....	66 00	.....	66 00
2 @ \$12.00.....	24 00	.....	24 00
11 @ \$15.00.....	165 00	.....	165 00
2 @ \$19.50.....	39 00	.....	39 00
3 @ \$25.00.....	75 00	.....	.....
Refund, 1 @ \$25.00.....	.....	25 00	50 00
1 @ \$32.50.....	32 50	.....	32 50
<b>Total music fees.....</b>	<b>\$987 00</b>	<b>\$73 00</b>	<b>\$914 00</b>
<b>Total general fees.....</b>	<b>\$37,996 25</b>	<b>\$805 75</b>	<b>\$37,190 50</b>
<b>Laboratory Fees—</b>			
	Gross.	Refund.	Net total.
Architecture.....	\$ 445 50	\$ 9 50	\$ 436 00
Botany.....	879 00	51 00	828 00
Ceramics.....	134 00	15 00	119 00
Chemistry.....	7,265 00	374 00	6,891 00
Civil engineering.....	151 50	2 00	149 50
Electrical engineering.....	768 00	25 00	743 00
Entomology.....	173 50	8 00	165 50
General engineering drawing.....	299 00	7 50	291 50
Geology.....	302 25	17 86	284 39
Household science.....	490 50	11 00	479 50
Mechanical engineering.....	237 00	12 00	225 00
Mining engineering.....	27 00	.....	27 00
Physics.....	876 00	20 00	856 00
Physiology.....	25 50	.....	25 50
Psychology.....	5 50	5 50	.....
Railway engineering.....	8 00	.....	8 00
T. & A. mechanics.....	148 00	4 00	144 00
Zoölogy.....	411 00	14 25	396 75
<b>Total Laboratory fees.....</b>	<b>\$12,645 25</b>	<b>\$576 61</b>	<b>\$12,068 64</b>
<b>Listener's Fees—</b>			
14 @ \$7.50.....	105 00	.....	105 00
<b>Special Examination Fees—</b>			
210 @ \$5.00.....	1,050 00	.....	.....
Refund, 1 @ \$5.00.....	.....	5 00	1,045 00
<b>Late Registration Fees—</b>			
99 @ \$1.00.....	99 00	.....	99 00
<b>Change Fees—</b>			
249 @ \$1.00.....	249 00	.....	249 00
<b>Diploma Fees—</b>			
683 @ \$5.00.....	3,415 00	.....	.....
Refund, 2 @ \$5.00.....	.....	10 00	3,405 00
3 @ \$2.00 (new diplomas made).....	6 00	.....	6 00
<b>Total spécial fees.....</b>	<b>\$4,924 00</b>	<b>\$15 00</b>	<b>\$4,909 00</b>
<b>Total fees.....</b>	<b>\$55,565 50</b>	<b>\$1,397 36</b>	<b>\$54,168 14</b>

### THE COMPTROLLER'S REPORT.

The secretary presented also the report of Prof. George E. Frazer, Comptroller, for the quarter ending June 30, 1913.

This report was received for record:

URBANA, ILL., July 14, 1913.

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

DEAR SIR: I am submitting herewith the quarterly report of the cash transactions of the University of Illinois for the quarter ending June 30, 1913.

The report includes a summary of receipts and disbursements, which is supported by schedules showing in details the receipts of the bursar and disbursements against current, State and United States appropriations, together with a statement of balances in these appropriations. A detailed report of the receipts of the treasurer is not included as this report has been submitted to you by the treasurer. The report also includes lists of warrants drawn during the quarter against the general University, School of Pharmacy, College of Medicine and Agricultural Experiment Station funds.

Very truly yours,

GEO. E. FRAZER, Comptroller.



## RECEIPTS AND DEPOSITS OF THE BURSAR.

Balance, April 1, 1913..... \$13,208 59

## Receipts—

Accountancy .....	\$ 698 86
Agricultural College .....	15,735 68
Agricultural Experiment Station receipts..	9,935 73
Alumni Record .....	2,686 60
Architectural prize .....	50 00
Blue printing .....	996 38
B'nai B'rith Library .....	50 00
Building Department .....	706 06
Chemistry Department .....	762 60
Class of 1895 .....	78
Engineering College .....	402 45
Engineering Experiment Station .....	169 25
Fees—Diplomas .....	3,306 00

## Fees, 1912-13—

General .....	1,560 00
Laboratory .....	57 50

## Fees, Summer Session, 1913—

General .....	4,275 50
Laboratory .....	1,035 50
Graduate School Thesis Deposits .....	350 00
Grounds Department .....	35 15
Hospital Association .....	47 60
Incidentals .....	9 03
Library fines .....	137 90

## Lockers—

General .....	94 50
Gymnasium .....	13 00

## McKinley Fund—

Interest .....	79 76
Principal .....	610 00
Philology, Journal of .....	23 75
Physical Training, Men, Towel fund .....	364 00
Psychology .....	2 50
Plym Fellowship .....	1,000 00

## Snyder Fund—

Interest .....	113 81
Principal .....	1,092 26
Steam Department .....	572 12
University Studies .....	9 30
Water Survey .....	171 60

## Woman's League Loan Fund—

Interest .....	1 65
Zoölogy .....	57 35

47,214 17

## Deposits with M. W. Busey, Treasurer, 1913—

April 25 .....	\$ 113 75
April 26 .....	14,673 45
April 28 .....	1,463 00
April 29 .....	134 93
April 30 .....	1,250 42
May 1 .....	25
May 2 .....	26 44
May 5 .....	4,062 75
May 5 .....	954 30
May 8 .....	363 40
May 8 .....	150 00
May 8 .....	10 00
May 9 .....	619 92
May 12 .....	245 32
May 14 .....	1,276 72
May 15 .....	1,052 47
May 19 .....	1,592 70
May 19 .....	164 50
May 21 .....	3,058 79
May 22 .....	374 56
May 24 .....	518 74
May 29 .....	1,381 13
May 31 .....	1,157 21
June 2 .....	832 45
June 5 .....	2,152 38
June 7 .....	635 89
June 9 .....	363 56
June 10 .....	249 53
June 11 .....	2,430 60
June 17 .....	6,471 18
June 17 .....	2,809 35
June 18 .....	2,846 49
June 20 .....	1,133 35
June 26 .....	1,026 96

## Deposits with M. W. Busey, Treasurer, 1913—

*Concluded.*

June 27 .....	\$660 18
June 28 .....	871 06
June 30 .....	826 26

\$58,293 99

Balance on hand June 30, 1913.....

2,128 77

\$60,422 76

\$60,422 76

## DISBURSEMENTS.

## CURRENT APPROPRIATIONS.

Appropriation.	Amount of appropriation.	Disbursements before reported.	Disbursements this quarter.	Total disbursements.	Balance.
Accountancy.....	\$ 3,597 11	\$ 789 54	\$ 209 17	\$ 998 71	\$ 2,598 40
Agricultural college.....	56,226 37	30,918 50	24,041 97	54,960 47	1,265 90
Agricultural experiment station .....	45,243 00	10,381 26	26,449 71	36,830 97	8,412 03
<i>Alumni Quarterly</i> .....	1,000 00	750 00	250 00	1,000 00	.....
<i>Alumni Record</i> .....	5,828 07	743 42	4,958 24	5,701 66	126 41
Applied mechanics.....	1,353 51	12 49	319 29	331 78	1,021 73
Art and design.....	500 00	243 82	220 41	464 23	35 77
Band instrument deposit.....	150 50	35 00	10 00	45 00	105 50
Blue printing.....	2,812 14	1,522 46	640 18	2,162 64	649 50
B'nai B'rith library.....	575 00	427 87	62 52	490 39	84 61
Botany.....	2,500 00	1,932 24	466 11	2,398 35	101 65
Buildings and grounds.....	5,000 00	100 00	3,548 90	3,648 90	1,351 10
Chemistry.....	15,733 64	12,327 38	3,367 85	15,695 23	38 41
Classics.....	100 00	37 79	61 99	99 78	22
Dean of men.....	3,000 00	2,339 98	645 32	2,985 30	14 70
Dean of women.....	500 00	356 28	125 47	481 75	18 25
Editing <i>University Bulletin</i> .....	1,000 00	4 05	.....	4 05	995 95
Education, School of.....	2,250 00	863 88	750 35	1,614 23	635 77
Engineering building site.....	1,334 25	1,241 20	.....	1,241 20	93 05
Engineering college.....	12,044 18	6,498 80	4,133 32	10,632 12	1,412 06
Engineering experiment station.....	1,052 55	.....	.....	.....	1,052 55
English.....	1,550 00	1,008 88	470 02	1,478 90	71 10
Entomology.....	1,701 00	1,404 25	254 45	1,658 70	42 30
Geology.....	1,340 80	726 39	502 02	1,228 41	112 39
Germanic languages.....	200 00	118 57	81 43	200 00	.....
Gymnasium locker.....	3,105 50	1,042 30	268 16	1,310 46	1,795 04
High school contest.....	400 00	80 23	285 14	365 37	34 63
History.....	150 00	74 41	75 59	150 00	.....
Hospital Association.....	1,789 31	997 25	594 50	1,591 75	197 56
Illinois Canners Association fund.....	1,436 13	653 95	321 78	975 73	460 40
Incidentals.....	10,000 00	6,068 06	3,721 44	9,789 50	210 50
Interest on land contract.....	48 30	.....	.....	.....	48 30
Labor.....	64,500 00	43,463 87	21,036 13	64,500 00	.....
Library.....	3,145 00	1,841 92	938 11	2,780 03	364 97
Library fines.....	308 75	76 04	229 66	305 70	3 05
Library school.....	1,080 00	432 70	618 57	1,051 27	28 73
Library student assistants.....	3,940 00	3,130 38	809 62	3,940 00	.....
Library supplies.....	145 95	145 95	.....	145 95	.....
Lincoln Hall dedication.....	750 00	663 89	.....	663 89	86 11
Literature and Arts dedication.....	800 00	232 47	392 20	624 67	175 33
McKinley fund.....	1,876 25	1,580 00	350 00	1,930 00	*53 75
McKinley fund interest.....	254 50	.....	.....	.....	254 50
Mathematics.....	200 00	53 28	123 98	177 26	22 74
Medicine, College of, budget.....	43,496 31	15,327 64	23,476 22	38,803 86	4,692 45
Military department.....	1,350 00	725 31	822 40	1,547 71	*197 71
Military and band scholarships.....	2,000 00	.....	2,682 00	2,682 00	*682 00
Music, School of.....	1,400 00	1,134 60	265 40	1,400 00	.....
Museum, Lincoln Hall.....	15 00	.....	15 00	15 00	.....
Pharmacy, School of.....	15,058 53	7,667 70	5,223 96	12,891 66	2,166 87
<i>Philology, Journal of</i> .....	1,457 56	403 01	32 06	435 07	1,022 49
Philosophy.....	100 00	9 00	91 00	100 00	.....
Physical training, men.....	1,805 01	1,556 79	206 39	1,763 18	41 83
Physical training, men— Towel deposit.....	364 00	.....	364 00	364 00	.....
Physical training, women.....	741 02	221 00	296 22	517 22	223 80
Physical laboratory assistants.....	600 00	288 01	222 02	510 03	89 97
Physiology.....	1,900 00	1,364 58	375 63	1,740 21	159 79
Phys. fellowship.....	2,000 00	800 00	200 00	1,000 00	1,000 00
Political science.....	50 00	24 21	20 75	44 96	5 04
Psychology.....	500 00	500 00	.....	500 00	.....
Public school drawing exhibit.....	50 00	14 55	27 30	41 85	8 15
Rebates to students.....	5,400 00	4,965 33	652 22	5,617 55	*217 55
Romance languages.....	100 00	36 45	62 75	99 20	80
Science, College of.....	700 00	364 59	264 76	629 35	70 65
Snyder fund, principal.....	4,762 58	3,725 00	50 00	3,775 00	987 58

## DISBURSEMENTS—Continued.

Appropriation.	Amount of appropriation.	Disburse- ments before reported.	Disburse- ments this quarter.	Total disburse- ments.	Balance.
Snyder fund, deposit.....	\$ 2,371 67	\$2,346 67	\$ 25 00	\$2,371 67	.....
Snyder fund, interest.....	600 00	300 00	300 00	600 00	.....
Sociology.....	50 00	30 29	19 71	50 00	.....
Soil extension.....	1,019 85	1,014 80	5 05	1,019 85	.....
Summer library school.....	515 00	.....	.....	.....	\$ 515 00
Summer session, 1913.....	15,000 00	390 85	338 70	729 55	14,270 45
Supervising architect.....	2,300 00	1,602 34	488 01	2,090 35	209 65
University fellowships.....	2,400 00	1,295 00	555 00	1,850 00	550 00
Water survey receipts.....	414 95	23 05	332 71	355 76	59 19
Women's League loan fund.....	337 45	85 00	50 00	135 00	202 45
Zoölogy.....	4,750 00	3,376 81	1,373 19	4,750 00	.....
Total current appropriations.....	\$274,130 70	\$184,913 33	\$140,171 05	\$325,084 38	\$49,046 36

## STATE APPROPRIATIONS.

Appropriation.	Amount of appropriation.	Disburse- ments before reported.	Disburse- ments this quarter.	Total disburse- ments.	Balance.
Agricultural college.....	\$415,800 00	\$330,699 73	\$69,421 84	\$400,121 57	\$15,678 43
Agronomy green house.....	9,000 00	9,000 00	.....	9,000 00	.....
Animal husbandry building.....	80,000 00	916 48	8,142 13	9,058 61	70,941 39
Apparatus and appliances—					
Closed out.....	3,998 83	3,998 83	.....	3,998 83	.....
Astronomy.....	2,129 33	1,601 49	34 88	1,636 37	492 96
Botany.....	900 00	900 00	.....	900 00	.....
Museum.....	871 84	.....	550 00	550 00	321 84
Psychology.....	100 00	13 48	86 38	99 86	14
Total, apparatus and appliances.....	\$8,000 00	\$6,513 80	\$671 26	\$7,185 06	\$814 94
Armory.....	\$100,000 00	\$53,172 41	\$12,845 94	\$78,018 35	\$21,981 65
Buildings and grounds.....	50,000 00	47,263 01	2,736 99	50,000 00	.....
Cabinets—					
Closed out.....	3,407 79	3,407 79	.....	3,407 79	.....
Lincoln hall.....	3,480 84	2,792 29	592 16	3,384 45	96 39
Natural history.....	1,111 37	689 59	358 27	1,047 86	63 51
Totals, cabinets.....	\$8,000 00	\$6,889 67	\$950 43	\$7,840 10	\$159 90
Ceramics.....	\$ 30,000 00	\$ 25,126 96	\$ 4,021 71	\$ 29,148 67	\$ 851 33
Ceramics building.....	21,000 00	21,000 00	.....	21,000 00	.....
Chemical laboratory.....	20,000 00	19,822 25	177 75	20,000 00	.....
Clinic building.....	5,000 00	.....	.....	.....	5,000 00
Cold storage.....	9,000 00	.....	.....	.....	9,000 00
Commerce building.....	125,000 00	109,759 42	5,215 83	114,975 25	10,024 75
Crop experiments.....	30,000 00	23,639 06	3,845 06	27,482 12	2,517 88
Dairy barn.....	10,000 00	8,532 15	1,467 85	10,000 00	.....
Dairy investigation.....	30,000 00	29,776 59	223 41	30,000 00	.....
Drains, fences and repairs.....	5,000 00	2,837 74	.....	2,837 74	2,162 26
Engineering building and grounds.....	200,000 00	181,328 49	13,943 97	195,272 46	4,727 54
Engineering extension and maintenance college—					
Closed out.....	74,391 40	74,391 40	.....	74,391 40	.....
College.....	31,975 03	20,905 45	6,800 39	27,705 84	4,269 19
Experiment station.....	43,633 57	28,266 75	11,770 90	40,037 65	3,595 92
Salaries.....	30,000 00	20,999 86	9,000 14	30,000 00	.....
Total, engineering extension and maintenance..	\$180,000 00	\$144,563 46	\$27,571 43	\$172,134 89	\$7,865 11
Fire protection.....	\$ 3,000 00	\$ 3,000 00	.....	\$ 3,000 00	.....
Floriculture.....	16,000 00	15,348 97	651 03	16,000 00	.....
Glass house.....	30,000 00	27,032 24	2,638 81	29,671 05	328 95
Graduate school.....	100,000 00	68,122 72	19,167 77	87,290 49	12,709 51
Gymnasium.....	5,000 00	5,000 00	.....	5,000 00	.....
Heat and light plant.....	30,000 00	30,000 00	.....	30,000 00	.....

## DISBURSEMENTS—Continued.

Appropriation.	Amount of appropriation.	Disbursements before reported.	Disbursements this quarter.	Total disbursements.	Balance.
Horticulture.....	\$30,000 00	\$27,832 51	\$2,167 49	\$30,000 00	.....
Household science.....	5,000 00	2,627 79	8 27	2,636 06	\$2,363 94
Interest on endowment fund—					
Closed out.....	32,411 82	32,411 82	.....	32,411 82	.....
Agricultural college.....	16,208 02	16,208 02	.....	16,208 02	.....
General.....	16,208 02	11,374 93	4,833 09	16,208 02	.....
Total, interest on endowment fund.....	\$64,827 86	\$59,994 77	\$4,833 09	\$64,827 86	.....
Law building.....	\$ 15,000 00	\$ 10,254 89	\$ 1,156 97	\$ 11,411 76	\$ 3,588 24
Law school.....	50,000 00	39,437 98	7,509 59	46,947 57	3,052 43
Library.....	50,000 00	38,871 91	9,285 53	48,157 44	1,842 56
Live stock specimens.....	22,500 00	20,438 46	1,254 06	21,692 52	807 48
Mines investigation.....	10,000 00	8,581 84	1,409 83	9,991 67	8 33
Mining building.....	25,000 00	24,775 91	224 09	25,000 00	.....
Mining engineering.....	30,000 00	22,168 13	4,734 10	26,902 23	3,097 77
Operating expense—					
Closed out.....	545,561 62	545,561 62	.....	545,561 62	.....
Board expense.....	2,500 00	2,500 00	.....	2,500 00	.....
Comptroller's office.....	3,270 00	1,620 69	830 99	2,451 68	818 32
Furniture and fixtures.....	5,000 00	1,420 24	651 41	2,071 65	2,928 35
Heat and light.....	40,000 00	29,675 42	8,883 26	38,558 68	1,441 32
High school visitor.....	2,900 00	2,071 36	808 61	2,879 97	20 03
Lectures.....	5,000 00	1,909 57	801 10	2,710 67	2,289 33
President's office.....	2,000 00	1,032 32	967 68	2,000 00	.....
Printing and postage.....	12,000 00	6,187 23	5,812 77	12,000 00	.....
Registrar's office.....	4,220 00	3,200 18	1,019 82	4,220 00	.....
Salaries for instruction.....	416,856 20	306,566 11	110,542 18	417,108 29	* 252 09
Salaries for services.....	97,000 00	72,949 10	26,429 06	99,878 16	* 2,378 16
Summer session, 1912.....	13,692 18	13,692 18	.....	13,692 18	.....
Total operating expense.....	\$1,150,000 00	\$988,386 02	\$156,746 88	\$1,145,132 90	\$4,867 10
Pavements and walks.....	\$ 8,000 00	\$ 7,051 81	\$ 779 89	\$ 7,831 70	\$ 168 30
Pharmacy, School of.....	20,000 00	20,000 00	.....	20,000 00	.....
Sheep building.....	2,000 00	2,000 00	.....	2,000 00	.....
Shop practice.....	12,000 00	11,763 13	236 87	12,000 00	.....
Social and political science.....	50,000 00	38,617 32	7,326 79	45,944 11	4,055 89
Soil investigation.....	130,000 00	118,551 63	11,448 37	130,000 00	.....
Soil maps.....	50,000 00	18,525 88	1,730 70	20,256 58	29,743 42
Stock investigation.....	50,000 00	49,887 66	112 34	50,000 00	.....
Telephone exchange.....	3,000 00	2,159 46	548 07	2,707 53	292 47
University (Lincoln) hall.....	250,000 00	249,549 20	.....	249,549 20	450 80
Veterinary college and research laboratory.....	30,000 00	28,399 42	1,600 58	30,000 00	.....
Water investigation.....	30,000 00	24,476 09	4,580 15	29,056 24	943 76
Water station.....	4,000 00	4,000 00	.....	4,000 00	.....
Water survey.....	15,000 00	10,591 03	1,490 59	12,081 62	2,918 38
Woman's building addition.....	125,000 00	94,605 00	23,062 60	117,667 60	7,332 40
Totals, State appropriation.....	\$3,751,127 86	\$3,092,892 99	\$427,937 96	\$3,520,830 95	\$230,296 91

## UNITED STATES APPROPRIATIONS.

Appropriation.	Amount of appropriation.	Disbursements before reported.	Disbursements this quarter.	Total disbursements.	Balance.
Adams fund.....	\$15,000 00	\$10,126 62	\$4,873 38	\$15,000 00	.....
Adams fund receipts.....	1,140 77	.....	.....	.....	\$1,140 77
Hatch fund.....	15,000 00	9,652 28	5,347 72	15,000 00	.....
Hatch fund receipts.....	218 41	212 96	5 45	218 41	.....
Morrill fund—					
Agricultural college.....	12,500 00	12,500 00	.....	12,500 00	.....
General.....	12,500 00	12,500 00	.....	12,500 00	.....
Total, Morrill fund.....	\$25,000 00	\$25,000 00	.....	\$25,000 00	.....

DISBURSEMENTS—*Concluded.*

Appropriation.	Amount of appropriation.	Disburse- ments before reported.	Disburse- ments this quarter.	Total disburse- ments.	Balance.
Nelson fund—					
Agricultural college.....	\$12,500 00	\$12,500 00	.....	\$12,500 00	.....
General.....	12,500 00	4,891 37	\$7,608 63	12,500 00	.....
Total, Nelson fund.....	\$25,000 00	\$17,391 13	\$7,608 63	925,000 00	.....
Total U. S. appropriation	\$81,359 18	\$62,383 23	\$17,835 18	\$80,218 41	\$1,140 77
Grand totals .....	\$4,206,617 78	\$3,340,189 55	\$585,944 19	\$3,926,133 74	\$280,484 04

## CASH SUMMARY.

Balance, April 1, 1913.....	.....	\$800,199 76	
Receipts for the quarter—			
Chief clerk.....	\$47,214 17		
Treasurer (not including remittances of chief clerk).....	18,655 05	65,869 22	
Disbursements for the quarter .....			\$585,944 19
Balance, June 30, 1913—			
Chief clerk.....	\$ 2,128 77		
Treasurer (allowing for outstanding warrants).....	277,996 02		280,124 79
		\$866,068 98	\$866,068 98

\* Overdrafts.

The Executive Committee adjourned.

C. M. McCONN, *Clerk.*W. L. ABBOTT,  
ALLEN F. MOORE.

## **Meeting of August 26, 1913.**

---

A special meeting of the Board of Trustees of the University of Illinois was held in the Blackstone Hotel, in the city of Chicago, at 12 m., on Tuesday, August 26, 1913, pursuant to the following notice which was sent out by the secretary on August 18, 1913:

Upon the call of the president, Mr. W. L. Abbott, a special meeting of the Board of Trustees of the University will be held in the Blackstone Hotel, in the city of Chicago, on Tuesday, August 26, 1913, beginning at 12:00 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: Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Miss Watson.

### **CONSUMMATION OF LAND PURCHASE DELAYED.**

President Abbott reported that he had been advised by Governor Dunne that protests had been made in regard to the purchase of land ordered by the board at its meeting of July 23 (pp. 606 and 625), and had been requested by the Governor to delay the consummation of this purchase until it could be further considered, and that accordingly he had requested the State Auditor to draw no warrants for this purchase until further notice.

### **SPECIAL COMMITTEE TO CONSIDER LAND PURCHASE.**

President Abbott stated that he proposed to appoint a special committee for the further consideration of this land purchase, this committee to consist of the Governor, the President of the Board of Trustees, and the Chairman of the Finance Committee of the board. An informal poll of the members present showed that all of them approved of this proposed procedure.

### **REPORT OF THE COMMITTEE ON STUDENT'S WELFARE: APPROPRIATION FOR SYSTEM OF FRESHMAN ADVISERS.**

Mrs. Evans, as Chairman of the Committee on Students' Welfare, reported that this committee had approved the request of Dr. K. C. Babcock, Dean of the College of Liberal Arts and Sciences, for an appropriation of eighteen hundred dollars (\$1800) to provide for a system of freshman advisers to be tried during the coming year; this request having been referred to the Committee on Students' Welfare at the meeting of July 23, 1913 (page 602), with power to act.

The board adjourned to meet in the office of the Governor, at Springfield, at 10 A.M., on Saturday, September 6, 1913.

W. L. ABBOTT, *President.*

C. M. McCONN, *Secretary.*

## Meeting of September 6, 1913.

Pursuant to the adjournment taken at the meeting of August 26, 1913, the Board of Trustees of the University of Illinois met in the office of the Governor, at Springfield, on Saturday, September 6, 1913, beginning at 10 A.M.

The following members were present: Mr. Abbott, Mr. Blair, Mr. Dunne, Mrs. Evans, Mr. Hoit, Mr. Trevett. President James and Dr. Eugene Davenport, Dean of the College of Agriculture, were present.

### APPROVAL OF PURCHASE OF LAND.

President Abbott stated that the first matter to come before the meeting was the question of the purchase of land, which was ordered by the Board of Trustees at its meeting of July 23, 1913 (pp. 606 and 625), but the consummation of which had been delayed at the request of the Governor until it could be further considered.

Dean Davenport was heard in regard to this matter, and showed that the piece of land in question is the only piece of land contiguous to the present campus which, in its character and in the way it lies, is suitable for the purpose for which this land is especially desired, namely, for experimentation in horticulture—all other contiguous land being corn land and not orchard land. It appeared that a special committee appointed by the Illinois State Horticultural Society, consisting of five leading horticulturists from different parts of the State had looked over the entire region about the University within a radius of five miles, and had urgently recommended the purchase of this particular tract, even stating that if it could not be had at the price which it is proposed to pay, it ought to be purchased at double that price rather than to suffer the loss to the cause of scientific investigation in horticulture in this State that would result from the failure to secure the one tract of land suitable for this purpose in the immediate neighborhood of the University.

An extended discussion followed. In the course of this discussion it appeared that by comparison with the prices which have been offered by other parties for portions of the land in question, and by comparison with the prices which have been paid for other similar tracts in the neighborhood of the University, the prices which it is proposed to pay for this land are not excessive.

### RESOLUTION.

President Abbott then offered the following resolution:

WHEREAS, The Board of Trustees of the University of Illinois on July 2, 1913, by unanimous vote referred the question of the purchase of land to the Finance Committee of the board for consideration and report; and,

WHEREAS, The said Finance Committee reported to the said Board of Trustees on July 23, 1913, recommending the purchase of one hundred sixty acres of land known as the "Busey tract," lying immediately east of property now owned by the University, at the price of one thousand dollars (\$1,000) per acre, and the purchase of an additional one hundred sixty acres lying immediately south of said "Busey tract," at the price of six hundred dollars (\$600) per acre; and,

WHEREAS, The Board of Trustees, on July 23, 1913, by unanimous vote, eight members being present, authorized the officers of the board to close the purchase of the tracts of land recommended by the Finance Committee for purchase; and,

WHEREAS, Vouchers were issued by the Comptroller of the University in payment of said purchase money, the titles for the several tracts having been

approved by Savage & Woods, examining attorneys, and the State Auditor was requested to issue his warrants for the several sums; and,

WHEREAS, Before the warrants were issued the President of the Board of Trustees requested the State Auditor not to issue the warrants until further notice, because of a request from the Governor of the State that the transaction be not completed until he had had an opportunity to acquaint himself with the details of the purchase, in order to satisfy himself that the price to be paid was not excessive; therefore, be it

*Resolved*, That the State Auditor be requested to issue his warrants immediately for the said sums, in payment of vouchers presented for the properties acquired; since the Board of Trustees is convinced that the acquisition of said properties, consisting altogether of three hundred twenty acres, is desirable and necessary for the work of the University, and that the price agreed upon is not an excessive price considering the location of the properties and the prices actually paid for similar properties in the neighborhood within the last four or five years.

On motion of Mrs. Evans, the foregoing resolution was adopted; all the members present voting "aye," with the exception of Governor Dunne, who asked to be excused from voting, for the reason that he had not been able to make a personal investigation of the character and value of the land in question and other land in the neighborhood of the University. (At the afternoon session Dr. Montgomery recorded his vote on the foregoing resolution as "aye.")

## MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

President James presented the following matters for consideration:

### IMPROVEMENTS IN MECHANICAL ENGINEERING SHOPS.

(1) A request from Professor James M. White, Supervising Architect, that an appropriation of three thousand dollars (\$3,000) be made for improvements in the shops of the Department of Mechanical Engineering.

On motion of Mr. Blair, this request was approved, and the appropriation of three thousand dollars (\$3,000) was made; the vote being as follows: Ayes, Mr. Abbott, Mr. Blair, Mr. Dunne, Mrs. Evans, Mr. Hoit, Mr. Montgomery (recorded at the afternoon session), Mr. Trevett; noes, none; absent, Mrs. Busey, Mrs. Henrotin, Mr. Meeker, Mr. Moore, Miss Watson.

### PURCHASE OF THE RHINEHART TRACT.

(2) A recommendation that the officers of the board be authorized to close the purchase of the ten acres known as the "Rhinehart tract," lying between Sixth Street and the Illinois Central Railroad immediately south of the land recently acquired by the Athletic Association, and that an appropriation of eight thousand dollars (\$8,000) or as much thereof as may be necessary be made for this purpose; and, further, that this tract, or so much thereof as may be necessary, be assigned to the use of the Department of Botany until further notice, with the provision that no plantings shall be made in this tract that would be an entire loss, or should require more than two years for their removal without loss, should the tract be used later for other purposes.

Upon motion of Mr. Hoit, this recommendation was approved, the vote being as follows: Ayes, Mr. Abbott, Mr. Blair, Mr. Dunne, Mrs. Evans, Mr. Hoit, Mr. Montgomery (recorded at the afternoon session), Mr. Trevett; noes, none; absent, Mrs. Busey, Mrs. Henrotin, Mr. Meeker, Mr. Moore, Miss Watson.

### PURCHASE OF AUGUSTUS PROPERTY APPROVED.

(3) A recommendation that the board approve the action of the President of the Board of Trustees in ordering the purchase of the land known as the "Augustus property," a tract of thirteen acres lying between the present campus and the present south farm, for the sum of twenty thousand dollars (\$20,000); it having been necessary to make this purchase at the time when President Abbott ordered it made, July 31, 1913, in order to take advantage of an option which was about to expire and which could not have been renewed on equally favorable terms.

On motion of Mr. Trevett, it was voted to approve the action of the president of the board in ordering this purchase, and to make the requisite appropriation of twenty thousand dollars (\$20,000). The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mr. Dunne, Mrs. Evans, Mr. Hoit, Mr. Montgomery (recorded at the afternoon session), Mr. Trevett; noes, none; absent, Mrs. Busey, Mrs. Henrotin, Mr. Meeker, Mr. Moore, Miss Watson.



#### FURTHER PURCHASE OF LAND.

(4) A recommendation that the board authorize the acquisition of further land suitable for sites for a zoological laboratory, a botanical laboratory, an insectary, a University storehouse, a School of Education Building, and a women's residence hall; that reasonable prices be tendered to the owners of the sites that may be selected; and that, if these prices be not accepted the Counsel of the University be instructed to initiate proceedings for the acquisition of the property by condemnation.

Governor Dunne suggested the following resolution on the subject of this recommendation: That the Finance Committee be authorized to negotiate for the purchase of sites for a zoölogical laboratory, a botanical laboratory, an insectary, a University storehouse, a school of education building, and a women's residence hall at reasonable prices, and in case options can not be secured at reasonable prices, to commence condemnation proceedings for the acquirement thereof.

On motion of Mr. Trevett, the foregoing resolution suggested by Governor Dunne was adopted, the vote being as follows: Ayes, Mr. Abbott, Mr. Blair, Mr. Dunne, Mrs. Evans, Mr. Hoit, Mr. Montgomery (recorded at the afternoon session), Mr. Trevett; noes, none; absent, Mrs. Busey, Mrs. Henrotin, Mr. Meeker, Mr. Moore, Miss Watson.

#### APPOINTMENT OF DIRECTOR OF PHOTOGRAPHIC LABORATORIES.

(5) A recommendation that the President of the University be given authority to appoint Mr. Arthur G. Eldredge to be Instructor in Photography and Director of the Photographic Laboratories, at a salary of three thousand dollars (\$3,000) per annum, beginning September 1, 1913, or as soon thereafter as he may report for service in Urbana.

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

#### ADJUSTMENT IN THE SALARY OF MR. W. A. CHASE.

(6) A recommendation that the salary of Mr. William A. Chase as Lecturer in Accountancy and Commercial Law, on part time, for the academic year 1913-14, be fixed at twenty-four hundred dollars (\$2,400), instead of two thousand dollars (\$2,000) as was approved by the Executive Committee on July 23, 1913, (page 628); the recommendation that this salary be fixed at two thousand dollars having been based on incomplete information.

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

#### CORPORATION TAX FOR THE COLLEGE OF PHYSICIANS AND SURGEONS.

(7) A recommendation from Dean O. A. Harker, Legal Counsel of the University, that the comptroller be authorized to pay the corporation tax assessed against the College of Physicians and Surgeons for the year 1912, and that an appropriation of two hundred fifty dollars (\$250) or as much thereof as may be necessary, be made for this purpose.

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

#### PAVING OF BURRILL AVENUE AND THE EAST DRIVEWAY.

(8) A recommendation from Professor James M. White, Supervising Architect, that the sum of six thousand dollars (\$6,000) be appropriated for the paving of Burrill Avenue from Green Street as far south as the Auditorium with tarvia, and that the east driveway be laid out according to a plan submitted and be paved as far south as the Auditorium with the same material, and that elms be planted on both sides of it.

This recommendation was referred to the Committee on Buildings and Grounds for consideration and report.

**PRINTING OF PROCEEDINGS AT THE DEDICATION OF LINCOLN HALL.**

(9) A recommendation that the President of the University be authorized to make an arrangement with the Houghton Mifflin Company, of Boston, Mass., for the publication of the addresses given at the dedication of Lincoln Hall, with such an account of the proceedings as may be deemed desirable, and that an appropriation of eight hundred fifty dollars (\$850) be made for this purpose.

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

**CO-OPERATION WITH THE EUGENICS RECORD OFFICE OF THE AMERICAN BREEDERS ASSOCIATION.**

(10) A communication from Mr. H. H. Laughlin, Superintendent of the Eugenics Record Office of the American Breeders' Association, suggesting an arrangement for cooperative work between his office and the University of Illinois in investigating the data collected by Mr. Matthews, of Onarga, concerning the life histories of children of criminal parents and in preparing this data for publication if it should prove to be of sufficient value.

On motion of Mr. Blair, it was voted that the President of the University be authorized to investigate this proposition, that he be authorized to enter into such an arrangement as is proposed by Mr. Laughlin if, in his judgment, the results to be obtained promise to be of sufficient value, and that an appropriation of one thousand dollars (\$1,000), or as much thereof as may be necessary, be made for this purpose. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mr. Dunne, Mrs. Evans, Mr. Hoit, Mr. Montgomery (recorded at the afternoon session), Mr. Trevett; noes, none; absent, Mrs. Busey, Mrs. Henrotin, Mr. Meeker, Mr. Moore, Miss Watson.

**OFFER OF \$1000 FROM THE WOMAN'S BOARD OF MISSIONS OF THE INTERIOR.**

(11) A letter from Miss Florence Starr of the Executive Committee of the Woman's Board of Missions of the Interior of the Congregational Church, asking that the Board of Trustees accept again the sum of one thousand dollars (\$1,000), which was formerly given to the College of Medicine for the establishment of a scholarship, but which was repaid when the University closed its College of Medicine on July 1, 1912, and that the board re-establish the scholarship.

No action was taken with reference to this matter.

**ENTRANCE REQUIREMENT OF THE SCHOOL OF PHARMACY RAISED.**

(12) A recommendation from the Advisory Board of the School of Pharmacy that the entrance requirements of the school be advanced to two years in an accredited high school or the full equivalent thereof, this requirement to be effective for the school year 1914-15.

On motion of Mr. Blair, this recommendation was approved.

**LEAVE OF ABSENCE FOR PROFESSOR HOPKINS.**

(13) A letter from Dr. Eugene Davenport, Dean of the College of Agriculture, transmitting a request from Dr. C. G. Hopkins, Professor of Agronomy, for a leave of absence without pay for one year beginning November 1, 1913, to enable him to accept the position of Director with the Southern Settlement and Development Association; with the recommendation that this request of Dr. Hopkins be granted and that Dr. L. H. Smith, Professor of Plant Breeding, be appointed Acting Head of the Department of Agronomy, for one year beginning November 1, 1913, at a salary of thirty-five hundred dollars (\$3,500) for the year.

On motion of Mr. Trevett, this request was granted.

**MORTGAGE TO CHICAGO BOARD OF EDUCATION PAID.**

(14) A letter from Professor George E. Frazer, Comptroller, calling attention to the fact that a mortgage note of ten thousand dollars (\$10,000) with interest from July 1, 1913, will be due to the Chicago Board of Education on November 1, 1913; with the recommendation that the comptroller be authorized to pay this note with accrued interest, and that an appropriation of ten thousand dollars

(\$10,000) plus the necessary sum for interest to November 1 be made, to be charged to the proceeds of fees from the medical students.

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

#### VALUATION OF MEDICAL PROPERTY.

(15) A statement from Secretary W. H. Browne, of the College of Medicine, showing the valuation made by the Chicago Real Estate Board of the property given to the University by the College of Physicians and Surgeons.

This letter was received to be printed in the minutes:

CHICAGO, ILL., July 21, 1913.

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

MY DEAR DOCTOR JAMES: In reply to your letter of the 19th inst., relative to the value placed by the Chicago Real Estate Board on the medical property, I will say that on advice from that board this morning the following is their valuation in whole and by items:

Total valuation .....	\$245,000 00
Land .....	60,000 00
Of which sum the land on which the Medical Building proper stands .....	35,000 00
Harrison Street frontage of 100 feet .....	25,000 00
Buildings .....	185,000 00
Medical Building .....	155,000 00
Harrison Street Building .....	30,000 00
Total .....	\$245,000 00

Mr. J. A. Wendell, banker and real estate man, Ogden Avenue and Madison Street, a member of the Real Estate Board Committee which appraised this property two or three months ago, assured me over the telephone today that this value of \$25,000 or \$250 a foot for the Harrison Street frontage is a fair one.

Trusting this gives you the desired information, I am,

Very truly yours,

WILLIAM H. BROWNE, *Secretary.*

#### INCREASES IN SALARIES.

(16) Recommendations as follows with respect to increases in salaries:

(a) That the salary of Dr. David Kinley as Vice-President of the University be fixed at one thousand dollars (\$1,000) for the year beginning September 1, 1913; this amount to be additional to the amount of his salary as Dean of the Graduate School, Director of the Courses in Business Administration, and Professor of Economics.

(b) That the salary of Mr. C. R. Richards as Acting Dean of the College of Engineering be fixed at seven hundred fifty dollars (\$750) for the year beginning July 1, 1913; this amount to be additional to the amount of his salary as Professor of Mechanical Engineering.

(c) That the salary of Mr. T. A. Clark, Dean of Men and Professor of Rhetoric, be fixed at six thousand dollars (\$6,000) for the year beginning September 1, 1913.

(d) That the salary of Mr. O. A. Harker as Legal Counsel of the University be fixed at one thousand dollars (\$1,000) for the year beginning September 1, 1913; this amount to be additional to the amount of his salary as Dean of the College of Law and Professor of Law.

(e) That the salary of Dr. A. H. Daniels, Professor of Philosophy, be fixed at four thousand dollars (\$4,000) per annum, beginning September 1, 1913.

(f) That the salary of Mr. George A. Huff, Director of Physical Training for Men, be fixed at five thousand dollars (\$5,000) per annum, beginning September 1, 1913, Mr. Huff having agreed to cancel all contracts and relations with professional baseball teams and to give all his time to the University.

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

#### SALARIES OF PROFESSORS GARDNER AND LINCOLN.

(17) The following recommendation in regard to salaries in the College of Medicine:

(a) That the salary of Dr. Stella M. Gardner as Assistant Professor of Microscopical and Chemical Diagnosis and Director of the Laboratory of Microscopical and Chemical Diagnosis in the College of Medicine be fixed at one thousand dollars (\$1,000) for the year beginning October 1, 1913.

(b) That the salary of Dr. Mary C. Lincoln as Assistant Professor of Microscopical and Chemical Diagnosis and Assistant in the Laboratory of Microscopical

and Chemical Diagnosis in the College of Medicine be fixed at six hundred dollars (\$600) for the year beginning October 1, 1913.

On motion of Mr. Blair, the foregoing recommendations were approved, the vote being as follows: Ayes, Mr. Abbott, Mr. Blair, Mr. Dunne, Mrs. Evans, Mr. Hoit, Mr. Montgomery (recorded at the afternoon session), Mr. Trevett; noes, none; absent, Mrs. Busey, Mrs. Henrotin, Mr. Meeker, Mr. Moore, Miss Watson. A recess was then taken until 1:45 P.M.

#### AFTERNOON SESSION.

When the board convened after the recess, the following members were present: Mr. Abbott, Mr. Blair, Mr. Dunne, Mrs. Evans, Mr. Hoit, Mr. Montgomery, Mr. Trevett. President James was present.

The secretary presented the minutes of the morning session, and Dr. Montgomery recorded his vote on the several matters voted on at that session as noted above in the case of each motion.

At this point Mr. Abbott, having asked Mr. Hoit to take the chair, withdrew.

#### REPORT OF COMMITTEE ON COLLEGE OF MEDICINE.

The secretary presented the following report from the Committee on the College of Medicine and the School of Pharmacy, which was received for record:

August 4, 1913.

A meeting of Committee on the College of Medicine and the School of Pharmacy was held at 120 West Adams Street, Chicago, August 4, 1913.

Present: Dr. J. T. Montgomery, Chairman, Mrs. Henrotin, and Mr. Abbott. President James was also present.

President James presented a list of nominations for the clinical faculty of the Medical College for the year 1913-14. After an extended discussion Mrs. Henrotin moved and it was voted that the president be authorized to make the appointments submitted.

President James presented a list of nominations for instructors and quiz masters. It was moved by Mr. Abbott and voted that the president be authorized to make the appointments submitted.

These authorizations were given with the understanding that with each appointment should go a letter from the president stating that the appointments are for one year only and with no implication that the appointment will be repeated for the following year.

The president presented a communication from Dr. Bacon requesting an appropriation of twenty-five hundred dollars (\$2,500) for the equipment and support of the obstetric work of the clinical years. On the president's recommendation Mrs. Henrotin moved and it was voted that this appropriation be recommended to the board.

The committee adjourned.

J. T. MONTGOMERY, *Chairman.*

#### CLINICAL FACULTY, COLLEGE OF MEDICINE.

The following is the list of appointments in the clinical faculty of the College of Medicine, authorized in the foregoing report of the Committee on the College of Medicine and the School of Pharmacy: (These appointments were referred to this committee, with power to act, at the meeting of July 23, 1913, p. 625.)

William Edward Quine, M.D., LL.D., Professor of Medicine, *Emeritus*, and Senior Dean.

Henry Parker Newman, A.M., M.D., Professor of Gynecology and Clinical Gynecology, *Emeritus*.

John Erasmus Harper, A.M., M.D., Professor of Ophthalmology and Clinical Ophthalmology, *Emeritus*.

##### Department of Medicine.

Charles Spencer Williamson, B.S., M.D., Professor of Medicine and Clinical Medicine and Head of the Department of Medicine.

Maurice Louis Goodkind, M.D., Professor of Medicine and Clinical Medicine.

Joseph McIntyre Patton, M.D., Professor of Clinical Medicine.

Edward Louis Heintz, Ph.G., M.D., Assistant Professor of Medicine and Clinical Medicine.

John Weatherthon, C.E., M.D., Assistant Professor of Medicine and Head of the Instructors in Senior Medicine; Recording Secretary of the Faculty.

**Sub-Department of Pediatrics.**

Frank Breckenridge Earle, M.D., Professor of Pediatrics.  
Julius H. Hess, M.D., Associate Professor of Clinical Pediatrics.  
Emanuel Oliver Benson, A.B., M.D., Assistant Professor of Pediatrics and Clinical Pediatrics.

**Sub-Department of Diseases of the Chest and Physical Diagnosis.**

Frederick Tice, M.D., Professor of Diseases of the Chest and Clinical Medicine.  
Maurice Lewison, M.D., Assistant Professor of Physical Diagnosis.

**Sub-Department of Microscopical and Chemical Diagnosis.**

Stella May Gardner, M.D., Assistant Professor of Microscopical and Chemical Diagnosis.  
Mary C. Lincoln, M.D., Assistant Professor of Microscopical and Chemical Diagnosis.

**Department of Surgery.**

Daniel Atkinson King Steele, M.D., LL.D., Professor of Surgery and Clinical Surgery and Head of the Department of Surgery.  
Thomas Archibald Davis, M.D., Professor of Clinical Surgery.  
William McIntyre Harsha, A.B., M.D., Professor of Surgery and Clinical Surgery.  
Albert John Ochsner, B.S., M.D., Professor of Surgery and Clinical Surgery.  
Charles Davison, M.D., Professor of Surgery and Clinical Surgery.  
Daniel Nathan Eisendrath, A.B., M.D., Professor of Surgery and Clinical Surgery.  
Albert E. Halstead, M.D., Professor of Surgery and Clinical Surgery.  
Charles Edward Humiston, M.D., Associate Professor of Surgery and Clinical Surgery.  
Nelson Mortimer Percy, M.D., Associate Professor of Clinical Surgery.  
Edward Milton Brown, M.D., Associate Professor of Clinical Surgery.  
Frank Donald Moore, M.D., Assistant Professor of Surgery and Clinical Surgery.  
Frederick George Dyas, M.D., Assistant Professor of Surgery and Clinical Surgery.  
George Farnsworth Thompson, B.S., M.D., Assistant Professor of Surgery and Clinical Surgery.

**Sub-Department of Orthopedic Surgery.**

John Lincoln Porter, M.D., Professor of Orthopedic Surgery.  
Charles Mayer Jacobs, M.D., Associate Professor of Clinical Orthopedic Surgery.

**Sub-Department of Operative Surgery.**

William Fuller, M.D., Associate Professor of Operative Surgery.

**Department of Psychiatry.**

Oscar Augustus King, M.D., Professor of Psychiatry and Head of the Department of Psychiatry, and Professor of Clinical Neurology.  
Ulysses Grant Darling, M.D., Assistant Professor of Psychiatry and Clinical Neurology.  
Haim I. Davis, M.D., Assistant Professor of Clinical Psychiatry.

**Department of Neurology.**

Lee Harrison Mettler, A.M., M.D., Professor of Neurology and Clinical Neurology and Head of the Department of Neurology.  
George Borris Hassin, M.D., Assistant Professor of Neurology.

**Department of Obstetrics.**

Charles Sumner Bacon, Ph.B., M.D., Professor of Obstetrics and Clinical Obstetrics and Head of the Department of Obstetrics.  
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.

**Department of Gynecology.**

Henry Truman Byford, A.M., M.D., Professor of Gynecology and Clinical Gynecology and Head of the Department of Gynecology.  
Channing Whitney Barrett, M.D., 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.

**Department of Dermatology.**

William Allen Pusey, A.M., M.D., Professor of Dermatology and Head of the Department of Dermatology.  
Frederick Gillette Harris, M.D., Assistant Professor of Dermatology and Venereal Diseases.

**Department of Laryngology, Rhinology, and Otology.**

William Lincoln Ballenger, M.D., Professor of Laryngology, Rhinology, and Otology, and Head of the Department of Laryngology, Rhinology, and Otology.  
Joseph C. Beck, M.D., Associate Professor of Laryngology, Rhinology, and Otology.

Arthur Mills Corwin, M.D., Assistant Professor of Clinical Laryngology, Rhinology, and Otology.

Richard Hunt Brown, M.D., Assistant Professor of Clinical Laryngology, Rhinology, and Otology.

Norval Pierce, M.D., Professor of Otology and Clinical Otology.

**Department of Ophthalmology.**

Casey A. Wood, A.M., M.D., Professor of Ophthalmology and Head of the Department of Ophthalmology.

William Elliott Gamble, B.S., M.D., Associate Professor of Clinical Ophthalmology.

John Brown Loring, M.D., Assistant Professor of Clinical Ophthalmology.

Eohraim Kirkpatrick Findlay, M.D., Assistant Professor of Clinical Ophthalmology.

**Department of Medical Jurisprudence.**

Elmer DeWitt Brothers, M.S., LL.B., Lecturer on Medical Jurisprudence.

Matthew Mills, LL.B., Alternate Lecturer on Medical Jurisprudence.

**INSTRUCTORS, ASSISTANTS, AND QUIZMASTERS IN JUNIOR AND SENIOR YEARS.****Department of Medicine.**

George J. Lorch, M.D., Instructor in Junior Medicine.

Edward A. Corcoran, M.D., Instructor in Junior Medicine.

Charles H. Schmidt, M.D., Instructor in Junior Medicine.

Henry Eugene Irish, M.D., Instructor in Junior Medicine.

Harry Jerome Smejkal, M.D., Instructor in Junior Medicine.

Frank J. Wright, M.D., Instructor in Clinical Medicine.

Solomon Strouse, A.B., M.D., Instructor in Clinical Medicine.

Robert William Morris, M.D., Instructor in Senior Medicine.

William David McDowell, M.D., Instructor in Senior Medicine.

Ralph Randall Holmes, M.D., Instructor in Senior Medicine.

Waldemar Eberhardt, M.D., Instructor in Senior Medicine.

Edward F. Fox, M.D., Instructor in Senior Medicine.

**Sub-Department of Pediatrics.**

Wilbur Maynard French, M.D., Instructor in Clinical Pediatrics.

Lois Lindsey Wynekoop, M.D., Instructor in Clinical Pediatrics.

William A. Ribbeck, M.D., Instructor in Pediatrics and Clinical Pediatrics.

John A. Christian, M.D., Instructor in Pediatrics.

Edward K. Armstrong, M.D., Instructor in Clinical Pediatrics.

**Sub-Department of Diseases of the Chest and Physical Diagnosis.**

Alexander B. Raff, M.D., Instructor in Diseases of the Chest.

Walter Bradford Metcalf, M.D., Instructor in Diseases of the Chest.

Clarence T. Roope, M.D., Instructor in Diseases of the Chest.

Frank Chauvet, M.D., Instructor in Physical Diagnosis.

Louis Rudolph, M.D., Instructor in Physical Diagnosis.

**Department of Surgery.**

John Ross Harger, B.S., M.D., Instructor in Junior Surgery and Minor Surgery.

George Luther Davenport, M.D., Instructor in Minor Surgery and Senior Surgery.

Arrie Bamberger, M.D., Instructor in Minor Surgery.

John Milton Berger, M.D., Head Instructor in Senior Surgery and Assistant in Clinical Surgery.

Raymond William McNeally, M.D., Instructor in Senior Surgery.

Henry Lester Baker, M.D., Instructor in Senior Surgery.

Howard Oscar Shafer, M.D., Instructor in Senior Surgery.

Charles Herbert Phifer, M.D., Instructor in Senior Surgery.

French S. Cary, M.D., Instructor in Senior Surgery.

Irving S. Koll, M.D., Instructor in Senior Surgery.

Charles M. McKenna, M.D., Instructor in Senior Surgery.

Frederick Hamilton Blayney, A.M., M.D., Assistant in Clinical Surgery.

George Washington Post, Jr., B.S., A.M., M.D., Assistant in Clinical Surgery.

Robert Emmett Flannery, M.D., Assistant in Clinical Surgery.

Charles C. Clark, M.D., Assistant in Clinical Surgery.

Henry Lester Baker, M.D., Assistant in Clinical Surgery.

Elmer W. Schnoor, M.D., Assistant in Clinical Surgery.

Max Meyerovitz, M.D., Assistant in Clinical Surgery.

B. L. T. Woods, M.D., Assistant in Clinical Surgery.

Alexander Donald Ferguson, M.D., Assistant in Clinical Surgery.

**Sub-Department of Orthopedic Surgery.**

D. Alexander, M.D., Instructor in Orthopedic Surgery.

H. W. Maltby, M.D., Assistant in Orthopedic Surgery.

W. A. Clarke, M.D., Assistant in Orthopedic Surgery.

**Sub-Department of Operative Surgery.**

Bert Leslie Taylor Woods, M.D., Instructor in Operative Surgery.  
 William Chester Smith, M.D., Instructor in Operative Surgery.  
 Arthur Barnett Eustace, M.D., Instructor in Operative Surgery.  
 Archie James Graham, M.D., Instructor in Operative Surgery.

**Department of Psychiatry.**

Myer Solomon, M.D., Instructor in Psychiatry and Clinical Psychiatry.  
 John Ralph Ballenger, M.D., Instructor in Psychiatry and Clinical Psychiatry.

**Department of Neurology.**

Alexander Sander Harshfield, M.D., Instructor in Neurology.  
 Myer Solomon, M.D., Instructor in Neurology.  
 Benjamin Braude, M.D., Instructor in Neurology.  
 Isador Bernard Diamond, M.D., Instructor in Neurology.  
 Edward F. Leonard, M.D., Instructor in Neurology.

**Department of Obstetrics.**

Richard Charles Steffan, 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., Assistant in Obstetrics.

**Department of Gynecology.**

Mary Jeanette Kearsley, M.D., Instructor in Gynecology.  
 Irving Herbert Eddy, M.D., Instructor in Gynecology.  
 George Henry Van Dyke, M.D., Instructor in Gynecology.  
 Clara P. Seippie, 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.  
 Egan Walter Fischman, M.D., Instructor in Gynecology.

**Radiology.**

Adolph Hartung, M.D., Instructor in Radiology.

**Department of Dermatology.**

Arthur W. Stilliam, M.D., Instructor in Dermatology.  
 Philip Frank Shaffner, M.D., Instructor in Dermatology.

**Department of Laryngology, Rhinology, and Otology.**

Lillian Ethel Taylor, M.D., Instructor in Laryngology, Rhinology, and Otology.

**Department of Ophthalmology.**

Charles Clayton Clement, M.D., Instructor in Ophthalmology.  
 Frederick Vreeland, M.D., Instructor in Ophthalmology.

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

The secretary presented the following report of appointments made by the President of the University under the authority given him by the Board of Trustees. This list was received for record:

Ash, Percy, Assistant Professor of Architectural Design, for one year beginning September 1, 1913, at a salary of twenty-five hundred dollars (\$2,500) for the year, work and salary to begin when he reports for service. (August 28, 1913.)\*

Babbitt, Harold E., Instructor in Municipal and Sanitary Engineering, for ten months beginning September 1, 1913, at a salary of one hundred forty dollars (\$140) a month, vice G. C. Habermeyer. (August 21, 1913.)

Bake, Louis E., Assistant in Operative Technics and Porcelain Art in the College of Dentistry, for one year beginning September 1, 1913, at a salary of eight hundred dollars (\$800) for the year. (August 30, 1913.)

Barlow, Bronson, Assistant in Bacteriology, for ten months beginning July 1, 1913, at a salary of one hundred fifty dollars (\$150) a month (salary to be charged to the Cannery Association fund). (August 7, 1913.)

Bernard, Frank S., Instructor in Prosthetic Dentistry in the College of Dentistry, for one year beginning September 1, 1913, at a salary of four hundred dollars (\$400) for the year. (August 30, 1913.)

Biegler, Philip Sheridan, Associate in Electrical Engineering, for one year beginning September 1, 1913, at a salary of two thousand dollars (\$2,000) for the year, work and salary to begin when he reports for service, vice F. G. Wilson, resigned. (August 28, 1913.)

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

Bollman, Minnie Joanna, Cataloger in the University Library, on half time, for twelve months beginning September 1, 1913, at a salary of thirty-two dollars and fifty cents (\$32.50) a month, work and salary to begin when she reports for duty. (August 14, 1913.)

Bradbury, Charles Earl, Instructor in Art and Design, for ten months beginning September 1, 1913, at a salary of one hundred twenty dollars (\$120) a month, vice Isabel Jones, resigned. (August 28, 1913.)

Branch, Nellie E., Cataloger in the Library, on half time, for twelve months beginning September 1, 1913, at a salary of thirty-two dollars and fifty cents (\$32.50) a month. (September 4, 1913.)

Burt, Paul, Draftsman in the office of the Supervising Architect, beginning September 8, 1913, and continuing until further notice, at a salary of one hundred fifty dollars (\$150) a month. (September 4, 1913.)

Carry, Charles, Assistant in Romance Languages, for ten months beginning September 1, 1913, at a salary of one hundred ten dollars (\$110) a month. (July 28, 1913.)

Coolidge, Edgar D., Professor of Materia Medica and Therapeutics in the College of Dentistry, for one year beginning September 1, 1913, at a salary of one thousand dollars (\$1,000) for the year. (August 29, 1913.)

Day, William B., Curator of the School of Pharmacy, for the academic year 1913-14, beginning September 1, 1913. (July 25, 1913.)

Dreyer, George P., Professor of Physiology and Physiological Chemistry and Head of the Department of Physiology and Physiological Chemistry in the College of Medicine, for one year beginning September 1, 1913, at a salary of thirty-five hundred dollars (\$3,500) for the year. (August 28, 1913.)

Eycleshymer, Albert Chauncey, Professor of Anatomy and Head of the Department of Anatomy in the College of Medicine, at a salary of five thousand dollars (\$5,000) per annum, work and salary to begin when he reports for service in Chicago. (August 28, 1913.)

Fantus, Bernard, Professor of Pharmacology in the College of Medicine, on part time, for one year beginning September 1, 1913, at a salary of two thousand dollars (\$2,000) for the year. (August 28, 1913.)

Foster, Lawrence F., Assistant in Chemistry, for ten months beginning September 1, 1913, at a salary of fifty dollars (\$50) a month, vice Owen. (August 14, 1913.)

Frechet, M., Professor of Mathematics, from September 1, 1914, to June 30, 1915, at a salary of three thousand dollars (\$3,000), to be paid in ten equal instalments. (August 1, 1913.)

Gardner, Harry, Instructor in Theoretical and Applied Mechanics, for ten months beginning September 1, 1913, at a salary of one hundred forty dollars (\$140) a month, vice S. P. Farwell, resigned. (August 21, 1913.)

Gehrman, Adolph, Professor of Bacteriology and Hygiene in the College of Medicine, for one year beginning October 1, 1913, at a salary of eight hundred dollars (\$800) for the year. (September 4, 1913.)

Gibson, Mabel Helen, Clerk in the Cataloging Department of the Library, on half time, for twelve months beginning September 1, 1913, at a salary of twenty-seven dollars and fifty cents (\$27.50) a month, work and salary to begin as soon as she reports for service. (August 14, 1913.)

Green, Alexander, Assistant in German, for ten months beginning September 1, 1913, at a salary of one hundred twenty dollars (\$120) a month. (August 28, 1913.)

Hallquest, Alfred Lawrence, Assistant in Education, on half time, for ten months beginning September 1, 1913, at a salary of fifty dollars (\$50) a month. (July 31, 1913.)

Harding, Louis A., Professor of Experimental Mechanical Engineering, at a salary of thirty-five hundred dollars (\$3,500) per annum, work and salary to begin when he reports for service. (August 13, 1913.)

Haskell, John E., Instructor in Pharmacology in the College of Medicine, on part time, for the academic year beginning October 1, 1913, at a salary of five hundred dollars (\$500) for the year. (September 4, 1913.)

Hecker, Charles Henry, Instructor in Chemistry, for ten months beginning September 1, 1913, at a salary of one hundred dollars (\$100) a month, vice C. F. Nelson. (September 4, 1913.)

Hixson, Arthur, Instructor in Bacteriology in the College of Dentistry, for one year beginning October 1, 1913, at a salary of six hundred dollars (\$600) for the year. (September 5, 1913.)

Holbrook, E. A., Assistant Professor of Mining Engineering, for three years beginning September 1, 1913, at a salary of twenty-five hundred dollars (\$2,500) per annum, work and salary to begin when he reports for duty in Urbana. (August 14, 1913.)

Hubbard, Marie Esda, Clerk in the Cataloging Department of the Library, on half time, for twelve months beginning September 1, 1913, at a salary of twenty-seven dollars and fifty cents (\$27.50) a month, work and salary to begin when she reports for service. (August 14, 1913.)

Hughitt, Anna L., Assistant in Physical Training for Women, for ten months beginning September 1, 1913, at a salary of one hundred dollars (\$100) a month. (September 4, 1913.)

Knight, Abner Richard, Instructor in Electrical Engineering, for ten months beginning September 1, 1913, at a salary of one hundred fifty dollars (\$150) a month, vice H. G. Hake. (August 28, 1913.)

Lee, Henry C., Instructor in Operative Dentistry and Materia Medica in the College of Dentistry, for one year beginning September 1, 1913, at a salary of four hundred dollars (\$400) for the year. (August 30, 1913.)



Leonard, Russell, Toolroom Attendant in the Woodshop, at a salary of forty-five dollars and eighty-three and one-third cents (\$45.83 1/3) a month, beginning July 14, 1913, and continuing until further notice. (July 28, 1913.)

Lewis, Harry Fletcher, Assistant in Chemistry, for ten months beginning September 1, 1913, at a salary of fifty dollars (\$50) a month. (July 28, 1913.)

Loomis, Roger Sherman, Tutor in English, for ten months beginning September 1, 1913, at a salary of one hundred twenty dollars (\$120) a month. (August 28, 1913.)

Math, Earle R., Draftsman in the Office of Supervising Architect, beginning July 25, 1913, and continuing until further notice, at a salary of one hundred twenty-five dollars (\$125) a month. (September 4, 1913.)

Miller, Edgar G., Assistant in Physiological Chemistry in the College of Medicine, for one year beginning September 1, 1913, at a salary of twelve hundred dollars (\$1,200) for the year. (August 28, 1913.)

Mitchell, Marguerite, General Assistant in the Library, for ten months beginning September 1, 1913, at a salary of sixty-five dollars (\$65) a month, work and salary to begin when she reports for service. (August 14, 1913.)

Noyes, Frederick B., Professor of Orthodontia and Dental Histology, in the College of Dentistry, for one year beginning September 1, 1913, at a salary of one thousand dollars (\$1,000) for the year. (August 28, 1913.)

Provine, Loring Harvey, Professor of Architectural Engineering in the Department of Architecture, at a salary of thirty-five hundred dollars (\$3,500) per annum, work and salary to begin when he reports for service. (August 14, 1913.)

Ruckmich, Christian A., Instructor in Psychology, for ten months beginning September 1, 1913, at a salary of one hundred thirty dollars (\$130) a month. (August 20, 1913.)

Rupert, Richard R., Instructor in Anatomy in the College of Medicine, for one year beginning September 1, 1913, at a salary of two thousand dollars (\$2,000) for the year. (August 28, 1913.)

Schnellbach, J. F., Engineering Assistant in the State Water Survey, for twelve months beginning September 1, 1913, at a salary of seventy-five dollars (\$75) a month. (August 22, 1913.)

Schoonhoven, Warren R., Assistant in Soil Fertility in the College of Agriculture and Assistant in Soil Bacteriology in the Agricultural Experiment Station, for one year beginning September 1, 1913, at a salary of eight hundred forty dollars (\$840) for the year. (August 14, 1913.)

Schultz, Louis, Assistant Professor of Oral Surgery and Pathology in the College of Dentistry, for one year beginning September 1, 1913, at a salary of four hundred dollars (\$400) for the year. (August 29, 1913.)

Shoemaker, Ruth, Assistant in Physical Training for Women, for ten months beginning September 1, 1913, at a salary of seventy dollars (\$70) a month. (September 4, 1913.)

Small, J. Craig, Student Assistant in Physiological Chemistry in the College of Medicine, on part time, for one year beginning September 1, 1913, at a salary of five hundred dollars (\$500) for the year, salary and service beginning when he reports for service in Chicago. (August 28, 1913.)

Starr, S. P., Assistant Professor of Prosthetic Technics in the College of Dentistry, for one year beginning September 1, 1913, at a salary of eight hundred dollars (\$800) for the year. (August 30, 1913.)

Straw, W. A., Student Assistant in Chemistry, for ten months beginning September 1, 1913, at a salary of ten dollars (\$10) a month. (August 21, 1913.)

Teal, Paul H., Graduate Assistant in Botany, for ten months beginning September 1, 1913, at a salary of thirty dollars (\$30) a month. (August 20, 1913.)

Titcomb, William Caldwell, Assistant Professor of Architecture, for three years beginning September 1, 1913, at a salary of twenty-one hundred dollars (\$2,100) per annum, work and salary to begin when he reports for service. (August 28, 1913.)

Troy, Mary Zeliaette, Cataloger in the Library, for twelve months beginning September 1, 1913, at a salary of sixty-five dollars (\$65) a month, work and salary to begin when she reports for service. (August 14, 1913.)

Vallance, Alexander, Instructor in Theoretical and Applied Mechanics, for ten months beginning September 1, 1913, at a salary of one hundred forty dollars (\$140) a month. (August 21, 1913.)

Vance, Thomas J., Assistant in Psychology, for ten months beginning September 1, 1913, at a salary of ninety dollars (\$90) a month. (September 5, 1913.)

Waterfall, Harry W., Instructor in Machine Design in the Department of Mechanical Engineering, for ten months beginning September 1, 1913, at a salary of one hundred thirty dollars (\$130) a month, vice Mitchell. (August 14, 1913.)

Welker, William H., Assistant Professor of Physiological Chemistry in the College of Medicine, for one year beginning September 1, 1913, at a salary of twenty-five hundred dollars (\$2,500) for the year, service and salary to begin as soon as he reports for service in Chicago. (September 4, 1913.)

Williamson, Charles Spencer, Director of the Dispensary of the College of Medicine, for one year, beginning September 1, 1913. (August 14, 1913.)

Zeis, Henry Charles, Assistant in Mathematics, for ten months beginning September 1, 1913, at a salary of sixty dollars (\$60) a month. (August 28, 1913.)

#### DEED OF LAND FOR AGRICULTURAL EXPERIMENTATION.

The secretary presented a communication from Dr. C. G. Hopkins, Professor of Agronomy, transmitting a deed from the county of Will, of thirty-one acres of land offered to the University for use in agricultural experimentation.

This communication and deed were referred to the Committee on Agriculture for consideration and report.

### REQUEST FOR A COURSE IN SEX INSTRUCTION.

The secretary presented a communication from Mrs. Frederick A. Dow, President of the Illinois Federation of Women's Clubs, and Dr. Mary G. McEwen, Chairman of the Public Health Department of the same Federation, requesting the University "to make adequate provision for the study of the problems of sex instruction and for the giving of a course in that subject in the School of Education of the State University."

This communication was referred to the Committee on the College of Medicine and the School of Pharmacy for consideration and report.

### BIDS ON WIRING, PLUMBING, ETC., FOR CERTAIN BUILDINGS.

The secretary presented a letter from Prof. James M. White, Supervising Architect, reporting the receipt of bids and the letting of the contracts for the wiring and the heating and plumbing for the Stock Judging Pavilion; for the marble and the plumbing of the Woman's Building; for the benches for the Palm House, and for two additional vent machines and the heating and benches for the cross house connecting the machines to the Floricultural Service buildings, and for the steel for the Gymnasium.

This letter was received to be filed.

### RESOLUTIONS OF THE STATE HORTICULTURAL SOCIETY.

The secretary presented the following set of resolutions passed by the Illinois State Horticultural Society to express their approval of the recent purchase of land made by the Board of Trustees.

These resolutions were received to be printed in the minutes:

WHEREAS, It has just come to the knowledge of the Illinois State Horticultural Society, now in convention at Anna, Ill., that the Board of Trustees of the University of Illinois has secured three hundred twenty acres of land for the use of the Department of Horticulture of the University of Illinois for the advancement of horticulture in the State.

WHEREAS, We realize the necessity of providing adequate facilities for the training and instruction of the students at the University of Illinois who are taking up the profession of horticulture; and

WHEREAS, The experimental demonstration work of the Department of Horticulture has been of such acknowledged value to the horticultural interests of the State, and we realize that these added facilities will permit the Department of Horticulture to maintain its high position now held and enable it to render even greater service in instruction, demonstration, and investigation;

Resolved, That the Illinois State Horticultural Society now in session congratulate the Board of Trustees of the University of Illinois upon their prompt action and foresight in securing this tract of land while it could be secured in close proximity to the University.

J. MACK TANNER, *President.*

A. M. AUGUSTINE, *Secretary.*

### REPORT OF AUDIT COMPANY.

The secretary presented the report of the United States Audit Company of their audit of the books and accounts of the University for the quarter ended June 30, 1913.

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

August 18, 1913.

Hon. Allen F. Moore, *Chairman Finance Committee, University of Illinois, Monticello, Ill.*

DEAR SIR: Following your instructions, we have made our regular quarterly audit of the books and accounts of the University of Illinois for the fourth quarter of the fiscal year as ended on June 30, 1913.

On the several statements, as enumerated on the index prefixed hereto, we present full details of the cash receipts and disbursements.

We reconciled the bursar's cash account on the morning of July 21, 1913; proved the cash book footings from April 11, 1913, to July 21, 1913; verified the cash in the office by actual count; and examined and proved the footings of the approved and receipted vouchers in process of entry.

Summarized, the bursar's cash account is as follows:

Balance on hand April 11, 1913.....	\$15,769 22
Receipts from various sources.....	69,719 08

\$85,488 25

<i>Deduct</i> —Remittances to treasurer .....	82,898 27
---	-----------

Balance on hand July 21, 1913.....	\$2,589 98
------------------------------------	------------

*Made up as follows—*

Currency .....	\$561 00
Coin .....	93 84
Checks for deposit .....	63 35

Total cash .....

\$ 718 19

Vouchers in process of entry.....

1,871 79

\$2,589 98

In the cash statement following, we present in total the general cash transactions for the fourth quarter, as represented by the cash book and warrant register, beginning with the general cash balance as at March 31, 1913:

Treasurer's balance March 31, 1913.....	\$786,991 17
Bursar's balance .....	13,208 59

\$800,199 76

<i>Add</i> —Cash receipts (Exhibit "A").....	65,869 22
--	-----------

\$866,068 98

<i>Deduct</i> —Cash disbursements (Exhibit "B").....	585,944 19
--	------------

Balance June 30, 1913.....	\$280,124 79
----------------------------	--------------

*Made up as follows—*

Treasurer's balance .....

\$277,996 02

Bursar's balance .....

2,128 77

\$280,124 79

We proved the footings of the warrant register and second semester fee book; verified all postings to the fund ledger; examined the receipted bills and compared them with the vouchers.

We verified the second semester fees and found the following outstanding:

Horace A. Taylor .....	\$20 00
J. W. Hill .....	15 25
John D. Lyons .....	12 50

\$47 75

We wish to call your attention to some of the outstanding warrants, as listed on Schedule "5a." As you will notice, these warrants were issued several years ago, and have never been presented to the bank for payment.

We also wish to bring to your attention the fact that a perfect check of the fees received cannot be made from the study list in the registrar's office.

The following is a reconciliation of the treasurer's account with the books of the University as at June 30, 1913:

Treasurer's balance per University books.....	\$277,996 02
<i>Add</i> —Unpaid warrants (Schedule "5").....	147,567 09

\$425,563 11

*Made up as follows—(Schedule "6")—*

General fund .....	\$409,550 14
College of Medicine fund .....	8,553 59
United States Agricultural Experiment Station fund .....	4,223 68
School of Pharmacy fund .....	3,220 70

\$425,548 11

Item not credited by treasurer (Pharmacy).....

15 00

\$425,563 11

Yours very truly,

UNITED STATES AUDIT CO.,

Supervised by:

WHITNEY B. FLERSHEM,

Certified Public Accountant.

On motion of Mrs. Evans, the board adjourned.

HENRY L. HERTZ, President.

W. L. ABBOTT, President.

C. M. McCONN, Secretary.

## Meeting of September 9, 1913.

---

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 9, 1913.

There being no quorum present, the board adjourned.

W. L. ABBOTT, *President*.

C. M. McCONN, *Secretary*.

## **Meeting of October 4, 1913.**

---

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 Saturday, October 4, 1913, beginning at 9 A.M., pursuant to the following notice which was sent out by the secretary on September 29, 1913:

Upon the call of the president, Mr. W. L. Abbott, a special meeting of the Board of Trustees of the University of Illinois will be held in the Trustee's Room, at the University, in Urbana, on Saturday, October 4, 1913, beginning at 9:00 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: Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson. President James and Prof. James M. White, Supervising Architect, were present.

### **FURTHER PURCHASE OF LAND: REPORTS OF THE FINANCE COMMITTEE.**

The following reports with reference to the further purchase of land were received from the Finance Committee:

#### **FINANCE COMMITTEE MEETING OF SEPTEMBER 13, 1913.**

URBANA, ILL., September 13, 1913.

Messrs. Moore, Trevett, and Hoit present.

The following recommendations were unanimously adopted:

1. That the Barnes property be secured for the purpose designated and that an offer of \$14,000 be made the owners.
2. That lots 19, 21, 23, 24, 25, 27 and 28 on Nevada Street be purchased for present and future needs for residence halls, that the proposed building be located on lots 23, 24, 25, and that an offer of \$40 a front foot be made for all these properties.
3. That twelve lots between Goodwin and Babcock upon which options are offered be purchased at approximately \$29,000.
4. That Professor Morgan Brooks' residence property be purchased, if possible, at a cost of \$30,000.
5. In view of the present opportunities for buying desirable land at a low price, we recommend that the board appropriate \$100,000 in addition to the \$400,000 already set aside for the purpose.

ALLEN F. MOORE,  
J. R. TREVETT,  
O. W. HOIT.

#### **FINANCE COMMITTEE MEETING OF SEPTEMBER 27, 1913.**

URBANA, ILL., September 27, 1913.

Messrs. Moore and Trevett present.

The committee recommended that the west half of the block east of Trinity Church be secured for the School of Education Building.

ALLEN F. MOORE,  
J. R. TREVETT.

A full discussion followed, in the course of which Professor White was heard at length in regard to the prevailing prices on all the properties in question.

### **LAND BETWEEN GOODWIN AVENUE AND BABCOCK STREET.**

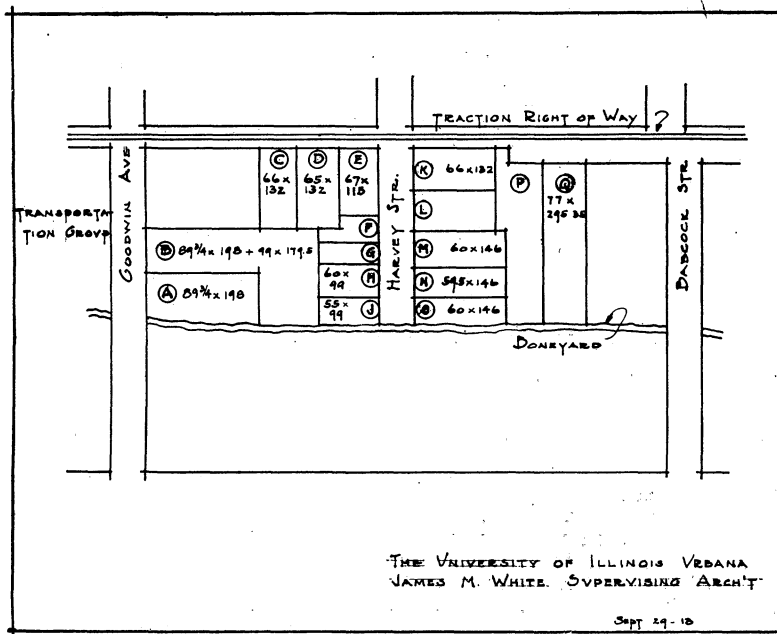
Action was first taken upon the third recommendation in the report of the Finance Committee's meeting of September 13. With the concurrence of

the members of the Finance Committee, President James submitted the following expanded form of this recommendation:

That twelve lots between Goodwin Avenue and Babcock Street, south of the interurban railway and north of Silver Creek, as shown on the accompanying plat and described below, be purchased at the following prices: (A) \$5,000, (B) \$11,000, (C) \$3,500, (D) \$2,600, (E), \$3,000, (H) \$650, (J) \$1,500, (K) \$3,500, (M) \$1,450, (N) \$800, (O) \$1,800, (Q) \$3,000—total, \$37,800; that 2 per cent on these amounts be allowed for commissions, except in the case of the lots designated as "N" and "Q" on the plat, on which the prices are net (this will make the commissions \$680, if all of the options are successfully closed); and that the supervising architect be authorized to proceed with the steps necessary to complete the acquisition of these properties.

DESCRIPTION OF PROPERTIES BETWEEN GOODWIN AVENUE AND  
BABCOCK STREET.

- A. Lot 4 in William M. Goodwin's Addition to Urbana.  
Title in Myrta E. Clark.  
Possession to be given subject to present lease.  
Consideration, \$5,000.



- B. Lot 3 and the west  $\frac{1}{2}$  of Lot 2 in William M. Goodwin's Addition to Urbana.  
Title in Albert H. Hull.  
Possession of Lot 3 to be given August 1, 1914; possession of the west  $\frac{1}{2}$  of Lot 2 to be given immediately.  
Consideration, \$11,000.
- C. Lot 4 in Block 6 in the Urbana Railroad Company's Addition to Urbana.  
Title in Harry D. Lytle.  
Possession to be given thirty days after closing option.  
Consideration, \$3,500.
- D. All of Lot 5 in Block 6 in the Urbana Railroad Company's Addition to Urbana except the east one foot thereof.  
Title in Laura L. Barbour.  
Possession to be given thirty days after the acceptance of option.  
Consideration, \$2,600.
- E. The north 115 feet of Lot 6 and the east 1 foot of Lot 5 in Block 6 in the Urbana Railroad Company's Addition to Urbana.  
Title in George O. Shafer subject to a sale contract to Harry D. Lytle.  
Possession to be given thirty days after closing option.  
Consideration, \$3,000.

- H. The east  $\frac{1}{2}$  of the south 60 feet of the north 124 $\frac{1}{2}$  feet of Lot 2 of William M. Goodwin's First Addition to Urbana.  
Title in Charles H. Lemon and Charles W. Walcott.  
Possession to be given immediately.  
Consideration, \$650.
- J. The south 55 feet of the east  $\frac{1}{2}$  of Lot 2 of William M. Goodwin's Addition to Urbana.  
Title in Minnie May Cribbet.  
Possession to be given thirty days after acceptance of option.  
Consideration, \$1,500.
- K. The north  $\frac{1}{2}$  of Lots 1 and 2 in Block 4 in the Urbana Railroad Company's Addition to Urbana.  
Title in James A. Hamlin.  
Possession to be given thirty days after closing of option.  
Consideration, \$3,500.
- M. The north 60 feet of Lot 1 of William M. Goodwin's Addition to the city of Urbana.  
Title in William Chester Maguire.  
Possession to be given thirty days after the acceptance of this option.  
Consideration, \$1,450.
- N. The north 59 $\frac{1}{2}$  feet of the south 119 $\frac{1}{2}$  feet of Lot 1 in William M. Goodwin's Addition to Urbana.  
Title in Charles H. Lemon and Charles W. Walcott.  
Possession to be given immediately.  
Consideration, \$800.
- O. The south 60 feet of Lot 1 of William M. Goodwin's Addition to the city of Urbana.  
Title in Nora Chapin.  
Possession to be given thirty days after closing the option.  
Consideration, \$1,800.
- Q. The east 77 feet of Lot 2 in Block 2 in Burpee, Curtiss, and Somers' Addition of Out Lots to the city of Urbana.  
Title in Charles H. Lemon and Charles W. Walcott.  
Possession to be given immediately.  
Consideration, \$3,000.

On motion of Mrs. Henrotin, the foregoing recommendation was approved, and an appropriation of forty thousand dollars (\$40,000) was made to cover these purchases and commissions. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker, Mr. Montgomery.

#### SITE FOR SCHOOL OF EDUCATION BUILDING.

Action was next taken on the recommendation contained in the report of the Finance Committee's meeting of September 27. After discussion, the following revised form of this recommendation was agreed to:

That the supervising architect be authorized to proceed with the acquisition of sufficient land in the block bounded by Springfield Avenue, Mathews Avenue, Stoughton Street, and Goodwin Avenue, to form a site for the School of Education Building, at a price not to exceed thirty thousand dollars (\$30,000).

On motion of Mr. Moore, the foregoing recommendation was adopted, and an appropriation of thirty thousand dollars (\$30,000) was made for this purchase. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker, Mr. Montgomery.

#### BARNES PROPERTY.

Action was next taken on the first recommendation contained in the report of the Finance Committee's meeting of September 13, 1913.

On motion of Mr. Moore, it was voted that the so-called Barnes' property, west of Wright Street, north of Healy Street, east of Sixth Street (old numbering), and south of the interurban right-of-way be purchased by the University as a site for buildings; that an offer of fourteen thousand dollars (\$14,000) be made to the owners for the same; and that, in case the owners do not accept this offer, the counsel of the University be instructed to initiate condemnation proceedings for the acquisition of the property. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker, Mr. Montgomery.

The other recommendations of the Finance Committee were discussed at length, but no further action was taken at this time.

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

President James presented the following matters for consideration:

**APPOINTMENT OF A PROFESSOR OF PLANT PATHOLOGY.**

(1) A recommendation that Dr. Frank L. Stevens, at present Dean of the College of Agriculture and Mechanic Arts in the University of Porto Rico, be appointed Professor of Plant Pathology in the University of Illinois, at a salary of four thousand dollars (\$4,000) per annum, beginning February 1, 1914, or as soon thereafter as he shall report for duty in Urbana; and, further, that the sum of five hundred dollars (\$500) be appropriated for the purchase, care, and transportation of laboratory material which Professor Stevens may collect for the University of Illinois in Porto Rico and Cuba.

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

**APPROPRIATION FOR THE PURCHASE OF A PRINTING OUTFIT.**

(2) A recommendation that fifteen thousand dollars (\$15,000), or so much thereof as may be necessary, be appropriated for the purchase of a printing outfit to enable the University to take care of current printing, such as confidential circulars, examination papers, departmental circulars, bulletins, etc., etc., and also to give an opportunity to students in the courses in business to study the organization and management of printing offices; and, further, that the building in the old horticultural field used until recently by the Department of Horticulture as a service building for the greenhouses be set apart for use as a printing office.

On motion of Mrs. Evans, this recommendation was approved, and an appropriation of fifteen thousand dollars (\$15,000) was made for this purchase. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker, Mr. Montgomery.

**APPROPRIATION FOR AN ORGAN IN THE AUDITORIUM.**

(3) A recommendation that fifteen thousand dollars (\$15,000) be appropriated for the purchase of an organ for the Auditorium, to be put in the organ loft already provided in that building, with the provision that the organ so purchased shall be built in such a way that additions to it can be readily made.

On motion of Miss Watson, this recommendation was approved, and an appropriation of fifteen thousand dollars (\$15,000) was made for this purchase. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker, Mr. Montgomery.

**APPROPRIATIONS FOR BOOKS AND MUSEUM MATERIAL.**

(4) A recommendation that the sum of fifty thousand dollars (\$50,000) be appropriated from the fund for permanent improvements for the purchase of books for the University Library during the year beginning July 1, 1913; this amount to be additional to the sum of twenty thousand dollars already appropriated for the purchase of the Vahlen and Aron libraries and the other collections offered with these libraries.

(5) A recommendation that the sum of fifteen thousand dollars (\$15,000) be appropriated from the fund for permanent equipment for the purchase of museum material for the year beginning July 1, 1913.

On motion of Mrs. Evans, the foregoing two recommendations were approved, and the proposed appropriations of fifty thousand dollars (\$50,000) for books for the Library and fifteen thousand dollars (\$15,000) for Museum materials were made. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker, Mr. Montgomery.

At this point Mr. Moore withdrew.

**COMPTROLLER'S REPORT ON PURCHASE OF LAND.**

(6) The following letters from Professor George E. Frazer, Comptroller, with reference to the consummation of purchases of land ordered by the Board of Trustees.



These letters were received to be printed in the minutes:

September 30, 1913.

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

DEAR SIR: At the meeting of the Board of Trustees held on July 23, 1913, the Board of Trustees ordered the purchase of the following lands at the prices indicated:

The Busey tract of 160 acres, being the NW.  $\frac{1}{4}$  Sec. 20, Twp. 19 N., R. 9 E., 3d P.M., at \$1,000 per acre, \$160,000.

The Pell tract of 40 acres, being the NE.  $\frac{1}{4}$ , SW.  $\frac{1}{4}$  Sec. 20, Twp. 19 N., R. 9 E., 3d P.M., at \$600 per acre, \$24,000.

The McCullough tract of 80 acres, being the S.  $\frac{1}{2}$  of the SW.  $\frac{1}{4}$  Sec. 20, Twp. 19 N., R. 9 E., 3d P.M., at \$600, \$48,000.

The Douglas tract of 40 acres, being the NE.  $\frac{1}{4}$ , SW.  $\frac{1}{4}$  Sec. 20, Twp. 19 N., R. 9 E., 3d P.M., at \$600, \$24,000.

At a meeting of the Board of Trustees held in Springfield on September 6, 1913, the board ordered the purchase of the Reinhart tract at a price not to exceed \$8,000. The Reinhart tract comprises 10 acres and lies between First Street and the Illinois Central Railway, immediately south of the Athletic Association grounds in the city of Champaign. At the meeting of the board on September 6, the board approved the purchase of the Augustus tract of 13 acres at a price of \$20,000. The Augustus tract comprises the south 52 rods of the E.  $\frac{1}{2}$ , SE.  $\frac{1}{4}$ , SE.  $\frac{1}{4}$  of section 18, Twp. 19 N., R. 9 E. of the 3d P.M. In pursuance of the orders of the board, an abstract of the title of each tract was secured from the owner of the tract. In the absence of Dean O. A. Harker, Legal Counsel of the University, these abstracts of title, together with the proposed deeds, were submitted to Attorney W. F. Woods, of the firm of Savage and Woods, of Champaign, Ill., for his opinion as to the merchantable title shown by the abstract of title and the proposed deeds. Attorney Woods examined not only the abstract of title, but also the original records having to do with the titles to each of these tracts of land, and rendered an opinion addressed to the Trustees of the University of Illinois, stating that in each tract there was a merchantable title in the possession of the vendors. Upon the return of Dean O. A. Harker, Legal Counsel, these opinions of Attorney W. F. Woods were submitted to Dean Harker and were concurred in by him.

Vouchers were presented to the State Auditor for the purchase of the Busey, McCullough, Pell, and Douglas tracts at the prices indicated, and State warrants were issued therefor. In the case of the Reinhart tract, a State warrant to the amount of \$7,063.10 was issued in favor of Hazen S. Capron. Mr. Capron had previously been paid \$600 by University warrant for an option on the tract. In the case of the Augustus tract, University warrant for \$20,000 was issued in favor of Mr. Howard C. Augustus. Deeds approved by Attorney W. F. Woods were received from the proper parties in each case, and were regularly filed with the county clerk of Champaign County. The abstract of title in each case was made complete up to and including the transfer of title to the University. The abstracts of titles and deeds are now on file in the vault of the business office of the University.

Very truly yours,

GEORGE E. FRAZER, *Comptroller.*

P.S.—The Reinhart tract is as follows:

Lot 2 of a subdivision of the S.  $\frac{1}{2}$  of Sec. 13, Twp. 19 N., R. 8 E., 3d P.M. as per subdivision recorded in Plat Book "A," page 349, in Champaign County, Ill.

October 1, 1913.

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

DEAR SIR: At your request, I have examined the deeds under which the following tracts of land have been conveyed recently to the University, and I indicate below the date on which the University, and I indicate below the date on which the University comes into legal possession of each tract, as shown by the deed to the tract:

Busey, 160 acres .....	March 1, 1914
McCullough, 80 acres .....	March 1, 1914
Douglas, 40 acres .....	March 1, 1914
Pell, 40 acres (Mr. Pell expressly reserves growing crops) .....	Sept. 4, 1913
Reinhart, 10 acres (H. S. Capron) .....	Sept. 9, 1913
Augustus, 13 acres .....	July 14, 1913

In the case of the Pell, Reinhart and Augustus tracts, the date given is the date of the deed since no express mention is made of the date of transfer of possession in the deeds to these three tracts.

Very truly yours,

GEORGE E. FRAZER, *Comptroller.*

#### ASSIGNMENT OF FUNDS FOR COLLEGE OF MEDICINE.

(7) The following list of assignments of funds for the College of Medicine for the year 1913-14 made by the President of the University under the authority given him by the Board of Trustees.

This list was received for record:

(1) An assignment of twenty-five hundred dollars (\$2,500) for the support of the Department of Obstetrics; fifteen hundred dollars (\$1,500) of this amount, or so much thereof as may be necessary, to be used toward the support of at least six patients in the University Hospital for the benefit of the hospital clinics, at a cost of five dollars (\$5) a week per patient, this amount being about half the cost of each patient to the hospital; the remainder of the assignment to be used

for the purchase of apparatus and the employment of an assistant in the laboratory who will also do manikin or quiz work.

(2) An assignment of three thousand dollars (\$3,000), or so much thereof as may be necessary, for the equipment of the Research Laboratory for Clinical Medicine.

(3) An assignment of thirty-five hundred dollars (\$3,500), or so much thereof as may be necessary, for the equipment and current expense of the Department of Pharmacology.

(4) An assignment of five thousand dollars (\$5,000), or so much thereof as may be necessary, for the equipment of the various clinical departments in the Dispensary.

(5) An assignment of six thousand dollars (\$6,000), or so much thereof as may be necessary, for the Library of the College of Medicine, for the purchase of books, provision of cases and tables, subscriptions to periodicals, etc.

#### RESOLUTIONS OF MICHIGAN BOARD OF REGENTS CONCERNING ATHLETICS.

(8) The following letter from the Secretary of the Board of Regents of the University of Michigan, transmitting certain resolutions adopted by the said Board of Regents on May 20, 1913:

ANN ARBOR, MICH., July 23, 1913.

*The Governing Board of the University of Illinois, Urbana, Ill.*

GENTLEMEN: At the meeting of the Regents of the University of Michigan held July 18, I was directed to transmit to the Governing Board of each of the universities included in the Western Conference a copy of the resolutions adopted by the Regents of the University of Michigan at their meeting of May 29. I enclose herewith, from the printed minutes of the board, a copy of the resolution in question. I should appreciate an acknowledgment of the receipt of this communication, with a statement, if possible to furnish it, of the date at which the resolutions of the Regents of the University of Michigan will be placed before your honorable body.

Sincerely yours,

SHIRLEY W. SMITH, *Secretary.*

#### RESOLUTIONS.

(Adopted by the Board of Regents of the University of Michigan, May 29, 1913.)

*Resolved*, 1. That it is inconsistent with the dignity of any university to surrender to any other authority its rights to prescribe and maintain its own rules and regulations.

2. That a university can best meet its responsibilities by reserving full power over the activities of the students under its control except where that power is expressly delegated to others under specific limitations.

3. That this board believes that an agreement can be reached upon rules heretofore adopted by the Western Conference, and that these rules, and all subsequent rules, before enforcement and adoption respectively, should be approved unanimously by the members of the conference; that under these conditions this board would welcome a resumption by the University of Michigan of membership in the conference.

In this connection President James presented a recommendation that the resolutions in question be referred to the University Senate with power to act; such action being in accordance with the uniform policy of the Board of Trustees with reference to matters of this nature.

On motion of Mrs. Henrotin, the president's recommendation relating to this matter was approved.

#### LABORATORY FEE FOR BOTANY 12.

(9) A recommendation from the Council of Administration that the Board of Trustees establish a laboratory fee of two dollars (\$2) for a new course in botany known as Botany 12.

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

#### DONATIONS FOR THE MUSEUM OF NATURAL HISTORY.

(10) The following statement from Professor Frank Smith, Curator of the University's Museum of Natural History, with reference to two important donations recently received by the University for this Museum:

In June last a collection of 2,000 birds' eggs in original sets, representing about 300 species all with complete data representing a catalog value of about \$1,000 was presented by the collectors and owners, Messrs. M. K. Barnum, Superintendent of Motive Power of the Illinois Central Railway, and his brother, Major Malvern Hill Barnum of the United States Army.

Last month Mrs. Thomas A. Worthen, recently of Warsaw, Ill., presented a collection of marine and fresh water shells that had belonged to the late Amos

H. Worthen, who for thirty-five years was State Geologist of Illinois. There has not yet been time to list all of the specimens, but there are presumably about 3,000, and the majority of them bear accurate labels. It is of very considerable value.

President James recommended that these donations be accepted and that the President of the University be authorized to express to the donors the appreciation of the Board of Trustees.

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

#### REQUEST FROM THE UNITED CHARITIES ASSOCIATION OF THE TWIN CITIES.

(11) A request from a committee representing the United Charities Association of Champaign and Urbana for the use of the Armory for a fair to be given for the benefit of this association.

On motion of Mrs. Henrotin, it was voted that in view of the fact that the United Charities Association has put at the disposal of the University Department of Sociology information which it collects in the course of its routine work for use as laboratory material, the use of the Armory be given to this association for the purpose in question, provided this can be done without interference with the work of the Department of Military Science.

#### SPECIAL AND GRADUATE WORK IN DENTISTRY.

(12) A statement that, since the attendance in the College of Dentistry will be small by reason of the late opening of this college, it may be possible, without present increase of the staff, to organize certain special and graduate work in dentistry for the benefit of practicing dentists and other persons similarly qualified; with the recommendation that the President of the University be authorized to organize such work.

On motion of Mrs. Henrotin, this authorization was given.

#### PROFESSOR SABINE INVITED TO MAKE RECOMMENDATIONS WITH REFERENCE TO THE ACOUSTICS OF THE AUDITORIUM.

(13) A letter from Professor Wallace Clement Sabine, of Harvard University, indicating in response to a communication from Professor Watson that he would be willing to come to the University of Illinois to investigate the acoustic defect in the Auditorium and to give such suggestions as may occur to him looking toward the remedying of this defect, without charge; with the recommendation that the Board of Trustees invite Professor Sabine to visit the University and to give an opinion in regard to what can be done in this matter.

On motion of Miss Watson, this recommendation was approved.

#### MINUTES APPROVED.

The secretary presented the minutes of the meetings of June 25, 1913, July 2, 1913, and July 23, 1913, all of which, on motion of Mrs. Evans, were approved.

#### REPORT OF FINANCE COMMITTEE: TREASURER'S BILL APPROVED.

The secretary presented the following report from the Finance Committee:

MONTICELLO, ILL., September 20, 1913.

*Mr. C. M. McConn, Secretary of the Board of Trustees, University of Illinois, Urbana, Ill.*

DEAR SIR: At a meeting of the Finance Committee held on September 13, 1913, all the members being present, it was voted to approve a bill from Mr. M. W. Busey, Treasurer, for clerk hire and office expense for the period from April 1, 1913, to July 1, 1913, amounting to one hundred fifty dollars (\$150).

Yours very truly,

ALLEN F. MOORE,

*Chairman Finance Committee.*

Treasurer Busey's bill having been referred to the Finance Committee with power to act at the meeting of July 23, 1913 (page 600), the foregoing report was received for record.

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

The secretary presented the following report of appointments made by President James under the authority of the Board of Trustees. This report was received for record:

Ayer, Thomas P., Shelf Assistant in the Library, beginning October 1, 1913, and continuing until August 31, 1914, at a salary of seventy dollars (\$70) a month, vice Bertram Smith. (October 3, 1913.†)

Brunson, Arthur Maxwell, Assistant in Plant Breeding in the Agricultural Experiment Station, for twelve months beginning September 1, 1913, at a salary of seventy dollars (\$70) a month, work and salary to begin when he reports for service, vice J. B. Park. (September 20, 1913.)

Breedis, John, Shelf Assistant in Library, on one-third time, beginning September 18, 1913, and continuing until August 31, 1913, at a salary of eighteen dollars (\$18) a month. (September 19, 1913.)

Brothers, E. D., Lecturer on Dental Jurisprudence in the College of Dentistry, for the academic year 1913-14, at a salary of one hundred dollars (\$100) for the year, payable when his course of lectures is completed. (September 25, 1913.)

Burmeister, William H., Assistant Professor of Pathology in the College of Medicine, on part time, for one year beginning October 1, 1913, at a salary of two thousand dollars (\$2,000) for the year. (September 30, 1913.)

Cass, Elizabeth H., Cataloger in the Library, beginning September 16, 1913, at a salary of sixty-five dollars (\$65) a month, subject to the regulations of the Civil Service Commission. (September 26, 1913.)

Cassidy, Holland M., Stenographer in the Office of the Dean of the College of Law, on part time, beginning September 20, 1913, and continuing until further notice at a salary of twenty-five dollars (\$25) a month. (September 30, 1913.)

Christy, Glenn, Shelf Assistant in the Library, on one-third time beginning September 23, 1913, and continuing until August 31, 1914, at a salary of eighteen dollars (\$18) a month. (September 27, 1913.)

Davis, David John, Director of the Research Laboratory for Experimental Medicine in the College of Medicine, at a salary of five thousand dollars (\$5,000) per annum, beginning October 1, 1913, or as soon thereafter as he reports for service; also, Acting Professor of Pathology and Acting Head of the Department of Pathology in the College of Medicine, until further notice, without additional salary. (September 15, 1913.)

Dittmar, G. W., Superintendent of the Infirmary in the College of Dentistry, for the year beginning September 1, 1913, at a salary of two hundred dollars (\$200) per annum; this amount to be additional to the amount of his salary as Professor of Prosthetic Dentistry. (September 25, 1913.)

Dreyer, George P., Junior Dean of the College of Medicine, for the academic year beginning September 1, 1913, at a salary of five hundred dollars (\$500) for the year; this amount to be additional to the amount of his salary as Professor of Physiology and Head of the Department of Physiology in the College of Medicine. (September 25, 1913.)

Eckstein, Charles Henry, Student Assistant in Chemistry, for nine months beginning October 1, 1913, at a salary of ten dollars (\$10) a month, vice Joseph Cohen, resigned. (October 2, 1913.)

Eldredge, Arthur G., Instructor in Photography and Director of the Photographic Laboratories, for twelve months beginning September 1, 1913, at a salary of two hundred fifty dollars (\$250) a month, work and salary to begin when he reports for service in Urbana. (September 20, 1913.)

Eppinger, John D., Shelf Assistant in the Library, on two-thirds time, beginning September 18, 1913, and continuing until August 31, 1914, at a salary of thirty-six dollars (\$36) a month. (September 19, 1913.)

Fair, Sue M., Stenographer in the Office of the Dean of Men, for twelve months beginning October 1, 1913, at a salary of eighty dollars (\$80) a month. (September 27, 1913.)

Fontaine, Everett O., Shelf Assistant in the Library, on two-thirds time, beginning September 23, 1913, and continuing until August 31, 1914, at a salary of thirty-six dollars (\$36) a month. (September 27, 1913.)

Garwood, Frances, Stenographer in the Department of English, for ten months beginning September 1, 1913, at a salary of fifty dollars (\$50) a month, subject to the regulations of the Civil Service Commission. (September 17, 1913.)

Gross, Gustave A., Instructor in Pattern Making in the Department of Mechanical Engineering, beginning as soon as he reports for service in Urbana and continuing until further notice, at a salary of one hundred fifty dollars (\$150) a month, vice Frederick Ellis resigned. (September 26, 1913.)

\*Hanford, Alfred Chester, Assistant in Political Science, for ten months beginning September 1, 1913, at a salary of fifty dollars (\$50) a month. (September 9, 1913.)

\*Hanson, Frank Blair, Custodian in the Department of Zoölogy, for ten months beginning September 1, 1913, at a salary of sixty dollars (\$60) a month, vice H. T. Lundquist. (September 9, 1913.)

Hawthorne, Warren C., Instructor in Metallurgy in the College of Dentistry, for the academic year 1913-14, at a salary of one hundred fifty dollars (\$150) for the year, payable when his course of lectures is completed. (September 25, 1913.)

\* Appointment made by Vice-President Kinley.

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

Hetro, Leona E., Stenographer in the Water Survey, beginning September 17, 1913, at a salary of fifty dollars (\$50) a month, subject to the rules of the Civil Service Commission. (September 27, 1913.)

Jones, Thomas S., Artist in the College of Medicine under the direction of Dr. Eycleshymer, for twelve months beginning September 1, 1913, at a salary of thirteen hundred dollars (\$1,300) for the year. (September 9, 1913.)

Love, Mary E., Departmental Library Assistant in Natural History and Mathematics, beginning September 22, 1913, at a salary of sixty five dollars (\$65) a month, subject to the rules of the Civil Service Commission. (September 26, 1913.)

Maguire, John C., Instructor in Operative and Prosthetic Dentistry and Assistant to the Superintendent of the Infirmary in the College of Dentistry, for one year beginning September 1, 1913, at a salary of hundred dollars (\$1,500) for the year, with the understanding that his entire time is to be given to the college. (September 25, 1913.)

\*May, Henry Gustav, Graduate Assistant in Zoölogy, for ten months beginning September 1, 1913, at a salary of thirty dollars (\$30) a month, vice R. H. Linkins. (September 9, 1913.)

Moore, J. J., Assistant in the Laboratory for Clinical Research in the College of Medicine, for twelve months beginning October 1, 1913, at a salary of one hundred twenty-five dollars (\$125) a month. (September 30, 1913.)

Oaks, Katherine S., Reviser and Assistant in the Library School, for three months beginning September 24, 1913, at a salary of seventy-five dollars (\$75) a month. (September 20, 1913.)

Provine, L. H., Acting Head of the Department of Architecture, until further notice. (September 20, 1913.)

Renich, Katharine Louise, Clerk in the Order Department of the Library, beginning September 22, 1913, or as soon thereafter as she reports for service, and continuing until August 31, 1914, at a salary of sixty dollars (\$60) a month. (September 30, 1913.)

Shaw, Hazel Y., Cataloger in the Library, beginning September 22, 1913, at a salary of sixty-five dollars (\$65) a month, subject to the regulations of the Civil Service Commission. (September 26, 1913.)

\*Simon, Anna, Instructor in Voice, for ten months beginning September 1, 1913, at a salary of one hundred dollars (\$100) a month, vice Lois D. McCobb. (September 15, 1913.)

Spaulding, C. H., Assistant Chemist in the State Water Survey, beginning September 1, 1913, and continuing until further notice, at a salary of sixty dollars (\$60) a month. (September 27, 1913.)

Spindler, George Washington, Assistant in German, for ten months beginning September 1, 1913, at a salary of fifty dollars (\$50) a month. (September 20, 1913.)

Stewart, Charles L., Instructor in Economics, on half time, for ten months beginning September 1, 1913, at a salary of seventy dollars (\$70) a month. (September 27, 1913.)

Thompson, David, Assistant in Geology, for ten months beginning September 1, 1913, at a salary of forty dollars (\$40) a month, vice G. H. Cady, resigned. (September 25, 1913.)

\*Tippett, Ralph W., Graduate Assistant in Chemistry, for ten months beginning September 1, 1913, at a salary of thirty dollars (\$30) a month, vice E. W. Engle. (September 9, 1913.)

Vanderbeek, Herman J., Mechanician in the Department of Mining Engineering, beginning September 1, 1913, and continuing until further notice, with a salary at the rate of seven hundred eighty dollars (\$780) per annum. (September 20, 1913.)

## APPOINTMENTS AS ATTENDING PHYSICIANS IN THE DISPENSARY COLLEGE OF MEDICINE.

The secretary reported also that on September 27, 1913, President James, acting under the authority given him by the Board of Trustees, appointed the following persons to the position of Attending Physician to the Dispensary of the College of Medicine, without salary, in the several departments indicated:

### Medicine.

Dr. Ernest Moore,  
Dr. Robert Mosser,  
Dr. Walter Metcalf,  
Dr. Franklin S. Wilson.

### Ophthalmology.

Dr. Brown J. Loring,  
Dr. E. K. Findlay,  
Dr. Charles C. Clement,  
Dr. Frederick D. Vreeland,  
Dr. Lawrence W. Whitmer,  
Dr. Georgiana Theobald.

### Neurology.

Dr. A. S. Hershfield,  
Dr. B. Braude,  
Dr. I. B. Diamond,  
Dr. Edward F. Leonard.

### Laryngology.

Dr. Margaret Jones,  
Dr. Lillian Taylor.

\* Appointment made by Vice-President Kinley.

**Dermatology.**

Dr. Arthur Stillians,  
Dr. Philip Schaffner.

**Pediatrics.**

Dr. J. C. Kraftt,  
Dr. W. A. Ribbeck.

**Genito-Urinary.**

Dr. Irvin S. Koll,  
Dr. French S. Cary.

**Gynecology.**

Dr. John M. Lang,  
Dr. E. W. Fischmann,  
Dr. George M. Van Dyke,  
Dr. Pauline Kapsa.

**Orthopedics.**

Dr. Charles M. Jacobs,  
Dr. David Alexander,  
Dr. Harrison Maltby.

**Surgery.**

Dr. Arrie Bamberger,  
Dr. John Ross Harger.

**ENTRANCE REQUIREMENTS, COLLEGE OF DENTISTRY.**

On motion of Miss Watson, the following statement of entrance requirements for the College of Dentistry was approved:

An applicant for admission to the College of Dentistry must be at least eighteen years of age. Women are admitted on the same conditions and under the same terms as men.

For admission to the College of Dentistry a candidate must present a certificate of graduation from an accredited high school, or an equivalent; which equivalent is interpreted to mean fifteen (15) units of preparatory work in an accredited high school or academy or a state normal school.

No "conditions" can be permitted; the full 15 units must be offered.

The foregoing requirement may be satisfied either (a) by certificate, or (b) by examination.

(a) Entrance credits will be accepted by certificate from the following sources:

(1) From high schools and academies in the State of Illinois which are accredited to the University of Illinois.

(2) From the State normal schools of Illinois and other normal schools having equal requirements for graduation.

(3) From schools accredited by the North Central Association of Colleges and Secondary Schools.

(4) From schools accredited to the State universities which are included in the membership of the North Central Association of Colleges and Secondary Schools.

(5) From schools approved by the New England College Entrance Certificate Board.

(b) Entrance credits may be made by examination:

(1) In the examination conducted by the Registrar of the University of Illinois, at the University in Urbana in January, July, and September of each year.

(2) In the examination conducted by the Registrar of the University of Illinois at the College of Dentistry in September of each year.

(3) In the examinations conducted in June of each year by the College Entrance Examination Board.

(4) In the examination conducted by the Regents of the University of the state of New York.

For further information in regard to these examinations see the Annual Register of the University of Illinois, 1912-13, pages 79, 80, 85-87.

Applications for admission coming from institutions of higher learning, whether candidates for the freshman class or for advanced standing, must present entrance credentials or pass entrance examinations as indicated above.

The College of Dentistry will receive no student who is not present within ten days after the opening day of the session in each year, or in case of necessary delay by reason of illness, properly certified by the attending physician, within thirty days after the opening day.

**RESIGNATION OF THE SECRETARY.**

The secretary presented his resignation:

October 4, 1913.

*To the Board of Trustees of the University of Illinois:*

I hereby submit my resignation as Secretary of the Board of Trustees, with the earnest request that this resignation be accepted at this meeting.

I beg leave to suggest that it be accepted to take effect at the close of the next regular meeting of the board, i.e., the quarterly meeting of December 9, 1913. This will allow for the appointment of a committee to nominate my successor and for his election on December 9. In this way there will be no interruption in the performance of the duties of the office.

My reason for asking to be relieved of the secretaryship is that the registrarship as now constituted at the University of Illinois demands the full time and strength of one man. There is no other university at all comparable in size with the University of Illinois in which the registrar is the secretary of the trustees. There is, in fact, so far as I know, but one other comparable institution in which the registrarship itself is as highly centralized or has as much work assigned to it.

In presenting my resignation I wish to express my appreciation of the pleasure which I have had in my relationship with the Board of Trustees during the past three years.

Respectfully submitted,

C. M. McCONN, *Secretary.*

On the recommendation of President James and on motion of Mrs. Evans, it was voted that a special committee be appointed, of which the President of the Board of Trustees should be a member, to consider the secretary's resignation and to nominate his successor.

#### INVITATION TO THE ILLINOIS STATE FEDERATION OF WOMEN'S CLUBS.

On motion of Mrs. Henrotin, it was voted that in case the co-operation of the Women's Clubs of Champaign and Urbana can be secured, the University unite with these clubs in an invitation to the Illinois State Federation of Women's Clubs to hold their next annual meeting at the University.

On motion of Mrs. Evans, it was voted that when the board adjourned, it should adjourn to meet in Springfield, at the office of the President of the State Board of Agriculture, on the State Fair Grounds, on Thursday, October 9, 1913, beginning at 10 A.M.

The board adjourned.

W. L. ABBOTT, *President.*

C. M. McCONN, *Secretary.*

#### MEETING OF THE EXECUTIVE COMMITTEE, OCTOBER 4, 1913.

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 4, 1913, immediately following the adjournment of the special meeting of the board held on that date.

There were present: Mr. Abbott and Mr. Trevett, members of the Executive Committee; Mrs. Evans, Mrs. Henrotin, Mr. Hoit and Miss Watson, members of the board, and President James.

#### SALARY OF THE ADVISER OF FOREIGN STUDENTS.

President James presented a recommendation that the salary of Dr. A. R. Seymour, as Adviser of Foreign Students, be fixed at three hundred dollars (\$300) for the year beginning September 1, 1913, this amount to be additional to the amount of Dr. Seymour's salary as Associate in Romance Languages. This recommendation was approved.

#### REPORT FROM THE SUPERVISING ARCHITECT: BIDS AND CONTRACTS.

President James presented a report from Prof. James M. White, Supervising Architect, in regard to a number of bids received and contracts let for certain parts of the work on various University buildings.

This report from the supervising architect was referred to the Committee on Buildings and Grounds for consideration and report.

The committee adjourned.

W. L. ABBOTT,  
J. R. TREVETT.

C. M. McCONN, *Clerk.*

#### ADJOURNED SESSION OF OCTOBER 9, 1913.

Pursuant to the adjournment taken at the special meeting of October 4, 1913, a meeting of the Board of Trustees of the University of Illinois was held in the office of the President of the State Board of Agriculture, on the State Fair Grounds, at Springfield, Ill., on Thursday, October 9, 1913, beginning at 10 A.M.

There being no quorum present, the board adjourned.

W. L. ABBOTT, *President.*

C. M. McCONN, *Secretary.*

## Meeting of December 9, 1913.

---

The quarterly meeting of the Board of Trustees of the University of Illinois was held at the University, in Urbana, on Tuesday, December 9, 1913.

There being no quorum present, the board adjourned to meet in the office of the Governor, at the State House, in Springfield, Ill., on Saturday, December 13, 1913, at 9 A.M.

W. L. ABBOTT, *President.*

C. M. McCONN, *Secretary.*

---

### ADJOURNED SESSION, DECEMBER 13, 1913.

Pursuant to the adjournment taken at the quarterly meeting of December 9, 1913, the Board of Trustees of the University of Illinois met in the office of the Governor, at the State House, in Springfield, Ill., on Saturday, December 13, 1913, beginning at 9 A.M.

The following members of the board were present: President Abbott, Superintendent Blair, Mrs. Busey, Governor Dunne, Mrs. Evans, Mrs. Henriotin, Mr. Hoit, Dr. Montgomery, Mr. Trevett, Miss Watson. President James was present.

### CONSIDERATION OF MINUTES DEFERRED.

On motion of Mrs. Busey, the consideration of the minutes of previous meetings was deferred.

### DEMAND OF THE STATE AUDITOR THAT THE UNIVERSITY TURN OVER ITS RECEIPTS.

President James presented the following statement in regard to a communication from Hon. James J. Brady, Auditor of Public Accounts, addressed, under date of November 6, 1913, to President Abbott:

The State Auditor has made a formal demand upon the President of the Board of Trustees that he turn over to the State Treasurer all the receipts of the University "from fees, fines, penalties, forfeitures, rentals, the sales of property, or from other like sources."

Mr. Brady fortifies himself in this demand by reference to an opinion rendered by the Attorney General to the effect that the University is bound to turn over such receipts by the terms of an Act entitled, "An Act in relation to the payment of the public money of the State into the State treasury," approved June 9, 1911, and in force July 1, 1911.

Upon receipt of this demand I asked the Chairman of the Finance Committee, Mr. Moore, to call a meeting of that committee to consider the matter.

The committee met at the University on November 22, 1913. The minutes of this meeting of the Finance Committee are presented herewith:

### MINUTES OF MEETING OF FINANCE COMMITTEE, NOVEMBER 22, 1913.

"Present: Mr. Hoit, Mr. Trevett, and Mr. Moore, members of the Finance Committee; Mr. Abbott, President of the Board of Trustees, President James, and Judge Harker.

"President Abbott presented a letter from the State Auditor, the Honorable James J. Brady, requesting that all sums of money received from fees, fines, rentals, sales of property, etc., be paid into the State treasury. Judge Harker gave the committee his opinion and advice, and, upon the motion of Mr. Hoit, it was voted that the President of the Board of Trustees be requested to request



the State Auditor to furnish a copy of the opinion of the Attorney General on this matter."

The opinion of Judge Harker referred to in the foregoing minutes of the meeting of the Finance Committee is to the effect that the University is not bound to turn over its receipts. This opinion is submitted herewith:

#### OPINION OF JUDGE HARKER.

UNIVERSITY OF ILLINOIS, December 8, 1913.

*President James and the Board of Trustees:*

Complying with your request for an opinion as to whether an Act entitled, "An Act in relation to the payment of the public money of the State into the State treasury," approved June 9, 1911, applies to the University of Illinois, I beg to submit the following:

The first section of the Act provides:

"That the Secretary of State, the Auditor of Public Accounts, the Superintendent of Public Instruction, the Adjutant General, the Insurance Department of the State of Illinois, the Board of Administration, the Charities Commission, the Board of Commissioners for the Management of the State Library, the Illinois Stallion Registration Board, the Board of Live Stock Commissioners, the Board of Veterinary Examiners, the Railroad and Warehouse Commission, the Chief Inspector of Grain, all Deputy Inspectors of Grain, Warehouse Registrars and their assistants, all State Weighmasters, the State Commissioners of Labor, the Chief Inspector of Private Employment Agencies, the State Board of Examiners of Architects, the State Board of Examiners of Barbers, the Board of Fish Commissioners, the State Game Commissioner, the State Board of Health, the State Board of Pharmacy, the Illinois State Board of Dental Examiners, the Miners' Examining Boards of the respective counties, the State Board of Examiners of Registered Nurses, the State Entomologist, the State Fire Marshal, the State Food Commissioner, and all like executive and administrative boards, commissions, commissioners, departments and institutions of the State Government herein named, are hereby declared to be officers, arms, agencies and departments of the State Government, and all moneys received by each of such officers, boards, commissions, commissioners, departments or institutions for or on behalf of the State from fees, fines, penalties, forfeitures, rentals, the sales of property or from other like sources, shall be paid into the State treasury, and no such officer, board, commission, commissioner, department or institution shall expend any money so received, for salaries, expenses or for any other purpose, except upon the warrant of the Auditor of Public Accounts based upon appropriations from the State treasury made biennially by the General Assembly."—Session Laws, 1911, p. 429.

It will be observed that while the General Assembly has seen fit to specifically enumerate several of the general departments of the State Government, State boards, commissions, inspectors, registrars, etc. (twenty-eight in all), as being subject to the provisions of the Act, the University of Illinois is not. In this section or any subsequent section of the Act mentioned. Under a well recognized canon for statutory construction, it would seem, then, that the General Assembly did not intend that the provisions should apply to the University. I do not contend that application is limited to the departments, boards, commissions, and officials named. Clearly, all other kindred executive and administrative boards, commissions, and institutions of the State Government were included within the legislative intent. That is made manifest by the words "all like executive and administrative boards, commissions, commissioners, departments and institutions of the State Government herein named, are hereby declared to be officers, arms, agencies and departments of the State Government."

I call especial attention to the language "like executive and administrative boards, commissions, commissioners, departments and institutions of the State Government herein named." Is the University of Illinois like any of the departments, boards, or commissions named? Upon the decision of that question rests the correct interpretation of the Act. I need not enumerate the many respects in which the University differs from them. Not one of them is like it, either as to purpose of creation or as to manner of discharging its functions.

The organic Act, passed before the adoption of the present State Constitution, made the Board of Trustees a body corporate and politic, having perpetual succession, and with "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," etc. The vast bodies of land donated by Champaign County to secure the location of the institution at Urbana and other property donated were taken over by the corporation, and as such it became vested with title to the same. As such corporation it now holds title to the lands so donated and to lands subsequently acquired, together with improvements thereon. It holds title to all the personal property then donated and subsequently acquired which has not been disposed of. Of course, it holds it in trust (for educational purposes) and cannot dispose of it in a manner violative of the trust. Much of the property now held has come from other sources than the State; and in my opinion, as to such property at least, the State could not appropriate it to some other purpose. However, that question is not directly involved. What we are desiring to reach is the intention of the Legislature when it passed the Act of 1911. I cannot believe that it was the purpose of the Legislature to include within its intention either of the large educational institutions of the State. It is inconceivable that the General Assembly should have intended to include within the purpose of the legislation the great University of Illinois, with its millions of property and a separate and distinct corporate body, without naming it, when it found it neces-

sary to include so insignificant a body as the Board of Examiners of Barbers by naming the latter.

As you doubtless know, the Attorney General of the State entertains a view different from that expressed above and has rendered an opinion to the State Auditor to that effect. He cites in support of his view a late case decided by our Supreme Court entitled *Chicago Board of Trade v. Cowen*, 252 Ill., 554. The case cited is not an authority supporting the contention that the Act applies to the University of Illinois. In that case the Board of Trade of the city of Chicago and a number of other complainants engaged in the grain business in Chicago brought suit against Cowen to enjoin the payment into the State treasury of a fund of \$64,560.37, arising from grain inspection fees collected in Cook County and elsewhere. Cowen was the Chief Inspector of Grain of the State. The State Treasurer, the State Auditor, and the Railroad and Warehouse Commission were made defendants to the bill. The bill attacked the constitutionality of the Act, and the complainants also insisted that under a proper construction the Act did not include fees for grain inspection service. The Supreme Court decided that the Act was constitutional. It decided that the fees were payable under the Act into the State treasury. Really, I am unable to see how a court could have rendered any other decision, but the question there is not the one involved here. In the Act mentioned the Chief Inspector of Grain was specifically named. In our case the University of Illinois is not named, nor is it so like any of these boards or commissions named as to include it within the words "all like boards, departments," etc., as I have undertaken to show. It is true that the Supreme Court does say in that case that the Act, in requiring the payment of fees into the State treasury, was declarative only of a duty which devolved upon the Grain Inspector ever since the grain inspection law was enacted. That statement came largely by way of dictum, but the dictum is not applicable to our case, because, as I have undertaken to show, title to the fees and all of the personal property is the property of the Board of Trustees and not the property of the State within the sense of the Act of 1911.

Respectfully submitted,

O. A. HARKER,

*Counsel for the University of Illinois.*

It would appear from a study of the history of the Act as it passed the General Assembly that the Journals of the two houses bear out the view of the Legal Counsel of the University. The law as it passed the House in the first instance was intended to include the University of Illinois, but the expression under which the University was comprised, namely, "charitable, educational, penal, reformatory and correctional institutions founded, controlled and maintained by the State," was altered by the Senate in such a way as to make it clear that there was no intention to include the University as one of the departments subject to the provisions of this Act. This amendment was subsequently accepted by the House.

Governor Dunne moved that the Legal Adviser of the Board of Trustees be requested to confer personally with the Attorney General in regard to this matter and to report the result to the board.

In discussion of this motion the Governor expressed the opinion that if the Attorney General and the University Counsel should go over this law in personal conference, they would be able to reach an agreement in regard to its interpretation.

The Governor's motion was passed unanimously.

## PROPOSAL TO REPEAL SECTION 5, ARTICLE VI, OF THE BY-LAWS.

Mr. Trevett moved that section 5, article VI, of the By-laws of the Board of Trustees be repealed.

The chairman, having called attention to the clause of section 2, article VIII, which provides that copies of amendments proposed at any meeting "shall be submitted in writing and furnished each member at the beginning of such meeting," ruled that this motion was out of order.

## LOCATION OF WOMEN'S RESIDENCE HALL DISCUSSED.

President James called attention to the recommendation of the Finance Committee, printed in the minutes of the board meeting of October 4, 1913 (page 652), that the proposed residence hall for women be located on lots 23, 24, and 25 on the south side of Nevada Street in Urbana (about half way between Goodwin Avenue and Gregory Place), and that an offer of forty dollars (\$40) a front foot be made for these properties; and urged that a decision should be reached in this matter at as early a date as possible if there is any idea of erecting such a building during the present biennium.

After considerable discussion, it was voted, on motion of Mrs. Evans, that the further consideration of this matter be deferred until the next meeting of the board.

**OFFER FOR THE BROOKS PROPERTY WITHDRAWN.**

On motion of Mr. Trevett, it was voted that the authority for the purchase of the Brooks' site be withdrawn.

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

President James presented the following matters for consideration:

**THE GERMAN AMBASSADOR TO BE THE COMMENCEMENT SPEAKER.**

(1) An announcement that the German Ambassador at Washington, Count Johann Heinrich von Bernstorff, has accepted an invitation to give the address at the Forty-third Annual Commencement to be held on Wednesday, June 17, 1914.

**PLANS FOR A GREGORY REUNION.**

(2) A statement in regard to the plans for a reunion of alumni and former students who attended the University during the administration of Dr. John Milton Gregory, the first Regent:

I am making earnest efforts to have all former students of the University who were registered in the institution during the regency of Dr. Gregory in attendance at the exercises of the Commencement Week in 1914; at which time it is proposed to hold special services in connection with the marking of the grave of Dr. Gregory located on the campus.

In accordance with an action already taken by the board (on October 8, 1912, page 132), the supervising architect has been asked to submit at the earliest possible date a recommendation with reference to a simple and appropriate method of marking the grave.

The alumni have appointed a committee to collect funds for the purpose of erecting a worthy memorial to Dr. Gregory in the form of a University building. This committee consists of Hon. S. A. Bullard, Chairman, Mr. Peter Junkersfeld, and Mr. C. O. Fischer.

The policy of trying to get the alumni to come in larger numbers to the exercises of Commencement Week was instituted some time ago, and has met with a measurable degree of success. Two years ago the men and women who matriculated during the first four years of Dr. Gregory's administration were especially invited to return, and over one hundred of the students of the years between 1868 and 1872 put in an appearance—a very considerable percentage of the number alive at that time.

Last year a special invitation was extended to the men and women who had matriculated during the next four years of Dr. Gregory's administration, 1873-76. This meeting was also a decided success.

For the coming year the invitation has been extended to all who were in attendance during the entire period of Dr. Gregory's regency.

An invitation to send representatives has been extended to the several institutions with which Dr. Gregory was associated—to Union College, from which he was graduated; to the University of Michigan, which granted him an honorary degree; and to Kalamazoo College, of which he was president; also to the Department of Education of the state of Michigan, of which he was at one time the head. President Hutchins of the University of Michigan has kindly consented to be present and to deliver a brief address. The State Superintendent of Public Instruction of Michigan has also promised to attend the exercises. I have little doubt that the other institutions will be represented by delegates if not by their presidents.

**DEDICATION OF THE NEW ARMORY.**

(3) A proposal that the new Armory be dedicated on Decoration Day, May 30, 1914, with the following statement in regard to plans for this event:

If the board approves, a special invitation will be extended to the President of the United States, the Secretary of State, the Secretary of War, the Secretary of the Interior, and the head of the general staff, to attend these exercises and participate in them. An invitation will also be sent to members of Congress and other officials of the Federal Government, and to members of the General Assembly and other officials of the State government.

The University of Illinois is a federal as well as a State institution, and no opportunity should be lost to emphasize this relation. In the case of the Armory, which is erected pursuant to the requirements of the federal law, it is especially appropriate that we should secure the cooperation of federal officers.

I am told by the supervising architect that, while the Armory will not be completed by Decoration Day, it will, in all probability, be far enough along to be used regularly by the regiment and to give an adequate idea of its great usefulness to the University.

On motion of Governor Dunne, it was voted that the president be authorized to arrange for the dedication of the Armory on May 30, 1914, provided the Grand Army Posts of Urbana and Champaign consent to the holding of these exercises on that date.

**DEPOSIT TO BE REQUIRED FOR MILITARY OUTFITS.**

(4) The following request from Major Frank D. Webster, Professor of Military Science:

MILITARY DEPARTMENT, December 5, 1913.

*The President, University of Illinois.*

SIR: I have the honor to recommend that hereafter every student on entering the University be required to make a deposit sufficient to cover the cost of his military outfit.

The present system is bad in that it gives the student opportunity to delay the purchase of his uniform at his own discretion. A deposit will cause the uniform to be delivered at once upon arrival and not delay the equipment of the regiment as the present system does.

All students were notified a month before November 10th that the uniforms would be here on that date and cautioned to provide themselves with funds by that time. Some had no funds until after Thanksgiving, and some of them, after stating that they would have, are not so provided up to date.

The cost of the military outfit as furnished now is \$16.20.

I request that this matter be taken up by the proper authorities at once in order to forestall a repetition of such delays.

Very respectfully,

F. D. WEBSTER,

*Major 20th Infantry, Professor of Military Science.*

On motion of Governor Dunne, it was voted that hereafter every student be required to make, on a date to be named by the commandant, a deposit sufficient to cover the cost of his military outfit.

**APPROPRIATION FOR BRYAN PRIZE TRUST FUND.**

(5) The following communication from Professor George E. Frazer, Comptroller:

UNIVERSITY OF ILLINOIS, November 15, 1913.

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

DEAR SIR: By reference to page 73 of the minutes of the Board of Trustees for April 19, 1899, you will note that Hon. William J. Bryan gave a sum of two hundred fifty dollars to the Board of Trustees for the establishment of the William J. Bryan prize, a prize of twenty-five dollars to be awarded every two years. The sum of money thus donated was passed into the general fund of the University, and does not appear upon our books as a trust fund. I recommend that the Board of Trustees appropriate the sum of two hundred fifty dollars from the general fund of the University as a special trust fund. It is desirable that no question should arise hereafter as to the disposition made by the University of this donation.

Very truly yours,

GEO. E. FRAZER, *Comptroller.*

On motion of Dr. Montgomery, the comptroller's recommendation was approved; i. e., the sum of two hundred fifty dollars (\$250) was set aside from the general fund of the University as a special trust fund for the support of the William J. Bryan prize. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mr. Dunne, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Meeker, Mr. Moore.

**PAYMENT TO CHICAGO BOARD OF EDUCATION.**

(6) A statement from Professor George E. Frazer, Comptroller, concerning a payment on the mortgage note of the College of Physicians and Surgeons of Chicago to the Board of Education of the city of Chicago.

This communication was received to be printed in the minutes:

November 7, 1913.

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

DEAR SIR: I beg to report that I have paid to Mr. L. E. Larson, Secretary of the Board of Education of Chicago, the sum of \$10,166.67, in payment of the installment of \$10,000 due on July 1, 1913, on the mortgage note of the College of Physicians and Surgeons of Chicago to the Board of Education. This payment fell due July 1st last, and the time of payment was extended to November 1. The interest from July 1 to November 1 on the installment amounted to \$166.67.

Very truly yours,

GEO. E. FRAZER, *Comptroller.*

**APPOINTMENT OF DIRECTOR OF THE MINERS' AND MECHANICS' INSTITUTES.**

(7) A recommendation that Mr. R. Y. Williams be appointed Director of the Miners' and Mechanics' Institutes, at a salary of four thousand dollars (\$4,000) per annum, work and salary to begin when he reports for service in Urbana, and

to continue until June 30, 1915; together with the following statement in regard to these institutes:

The General Assembly which met in January, 1911, passed a law authorizing and requiring the University of Illinois to establish and maintain certain miners' and mechanics' institutes, for the purpose of giving instruction at suitable places in the State to people who desire it on the subject of mining. The last General Assembly made an appropriation of fifteen thousand dollars (\$15,000) per annum for the support of these institutes. It is proposed to place them under the direct supervision of the Department of Mining Engineering of the College of Engineering.

On motion of Superintendent Blair, the president's recommendation was approved and the appointment made. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mr. Dunne, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Meeker, Mr. Moore.

#### RESOLUTIONS OF THE REGENTS OF THE UNIVERSITY OF MICHIGAN.

(8) A letter from the Secretary of the Board of Regents of the University of Michigan, transmitting certain resolutions passed by the regents on November 14, 1913, relating to the proposed return of the University of Michigan to membership in the Western Intercollegiate Conference.

These resolutions were received to be printed in the minutes:

This board deems inexpedient, under present conditions, a return of the University of Michigan to the Western Conference, and deems undesirable the continued agitation of the subject on the campus. The board wishes to express its sense of appreciation to those members of the conference that have invited Michigan's return, and its hope that there may be fostered in all educational institutions a high standard of sportsmanship and manhood.

The board believes that the present status of athletics at Michigan is in many respects satisfactory, but will welcome, and, as far as expedient, cooperative in any changes in college athletics that will further the objects for which the conference was originally founded.

#### INTEREST PAYMENTS AUTHORIZED.

(9) The following communication from Professor George E. Frazer, Comptroller, asking for authority to make interest payments on certain bonds; with the recommendation that the comptroller be authorized to make these payments from the general funds for operating expenses:

November 19, 1913.

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

DEAR SIR: On January 1, 1914, interest payments will be due as follows, on account of the indebtedness of the College of Physicians and Surgeons of Chicago:

To Louis E. Larson, Chicago Board of Education, on account of Board of Education notes, 2½ per cent on \$66,000.....	\$1,650 00
To Frank B. Earle, Trustee, on account of 1901 bond issue, 3 per cent on \$109,000 .....	3,270 00
To the Chicago Savings Bank and Trust Company, Trustees, on account of 1912 bond issue, 3 per cent on \$60,000 .....	1,800 00

Total ..... \$6,720 00

I recommend that authority be given to me to make the interest payments listed above.

Very truly yours,

GEO. E. FRAZER, *Comptroller.*

On motion of Governor Dunne, the president's recommendation was approved; i. e., the comptroller was authorized to make the interest payments as specified from the general funds for operating expenses. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mr. Dunne, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Meeker, Mr. Moore.

#### LEAVE OF ABSENCE FOR PROFESSOR FAIRLIE.

(10) The following request from Dr. John A. Fairlie, Professor of Political Science, for leave of absence, without salary, for the second semester of the current academic year; accompanied by the recommendation that the request be granted:

URBANA, ILL., December 2, 1913.

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

DEAR PRESIDENT JAMES: Referring to our conversation some days ago, I write to request permission from the Board of Trustees for a leave of absence from the University, without pay, for the second semester of this academic year, for the purpose of taking charge of an investigation of the State departments, bureaus, and commissions authorized by the General Assembly of Illinois, under the general

direction of the Joint Efficiency and Economy Committee. This will take the place of the leave of absence previously granted for the purpose of travel and study in Europe.

Yours truly,  
JOHN A. FAIRLIE.

On motion of Governor Dunne, Professor Fairlie was granted leave of absence as requested.

At this point Governor Dunne withdrew.

#### SWITCH TRACK TO STORAGE YARD.

(11) A request from Professor James M. White, Supervising Architect, for authority to lay a switch track from the interurban line to a suitable location for a storage yard for coal on the property recently acquired by the University east of Goodwin Avenue, at an estimated cost of twelve hundred fifty dollars (\$1,250).

On the recommendation of President James, and on motion of Superintendent Blair, this recommendation was referred to the Committee on Buildings and Grounds, with power to act. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Meeker, Mr. Moore.

#### MEETING OF COMMITTEE ON BUILDINGS AND GROUNDS CALLED.

President Abbott, as Chairman of the Committee on Buildings and Grounds, announced that he would like to have a meeting of the committee in the Trustees' Room at the University, in Urbana, on Saturday, December 20, 1913, beginning at 1 p.m.

At this point Governor Dunne rejoined the meeting.

#### ADVISORY COMMITTEES, COLLEGE OF AGRICULTURE.

(12) A recommendation from Dr. Eugene Davenport, Dean of the College of Agriculture and Director of the Agricultural Experiment Station, with reference to the constitution and appointment of certain advisory committees, proposing the adoption of resolutions similar to the following:

WHEREAS, The Advisory Committee relationship has proved profitable to the work and the service of the Agricultural Experiment Station; and

WHEREAS, The form in which appropriations are now received operates to terminate the legal existence of these committees; therefore, be it

*Resolved*, By the Board of Trustees of the University of Illinois that the continuance of these committees be secured by the following plan of procedure:

1. Each of the agricultural organizations of the State to be hereinafter enumerated shall be invited to submit a list of ten names chosen from among the most progressive and representative farmers of the State.

2. Upon the recommendation of the President of the University the trustees shall elect from each list a committee of five in such a way that one vacancy shall occur each year.

3. After the first year each association shall be invited to submit a list of three, from which one shall be chosen in the manner prescribed above.

4. These committees shall serve without recompense except for actual expenses.

5. The service of these committees shall be invited in an advisory capacity as heretofore with reference to the lines of work which may be most profitably undertaken by the various departments of the Agricultural Experiment Station and the best methods of making the results available to agricultural practice.

6. The following associations shall be invited to submit lists and to enter into this advisory relationship:

Illinois Farmers' Institute.

Illinois Live Stock Breeders' Association.

Illinois State Horticultural Society.

Illinois Corn Growers' Association.

Illinois State Florists' Association.

Illinois State Dairymen's Association.

7. The board may alter such rules and regulations at will.

On motion of Governor Dunne, the consideration of this matter was deferred until the next quarterly meeting of the board.

#### QUARTERS FOR THE SCHOOL OF PHARMACY.

(13) A request from Professor W. B. Day, Acting Dean of the School of Pharmacy, that the University Comptroller be authorized to renew the lease for the quarters now occupied by the School of Pharmacy for one year from May 1, 1914, and to secure, if possible, an option for a further renewal of this lease for one year from May 1, 1915.

(14) Also, a recommendation that the President of the Board of Trustees be authorized to purchase the lot at the northeast corner of Honore and West Harrison streets, Chicago, fronting 126 feet on West Harrison Street and 72 feet on Honore Street, immediately across Honore Street from the building occupied at present by the College of Dentistry, at a price not to exceed the valuation recently placed upon it by the committee of the Chicago Real Estate Board (see minutes of July 23, 1913, page 629), namely, thirty thousand six hundred dollars (\$30,600)—twenty-one thousand six hundred dollars (\$21,600) for the land and nine thousand (\$9,000) for the buildings; and that in case the President of the Board is not able to acquire this property at the price named, the legal counsel of the University be instructed to begin condemnation proceedings to acquire it; and further, that the supervising architect be instructed to submit plans for a fireproof building to be erected upon this site to house the School of Pharmacy and the Library of the Colleges of Medicine and Dentistry and the School of Pharmacy.

On motion of Governor Dunne, the first of these two recommendations, providing for the renewal of the lease for the present quarters of the School of Pharmacy, was referred to the Committee on the College of Medicine and the School of Pharmacy, for consideration and report; and the second recommendation, relating to the purchase of the lot on the corner of West Harrison and Honoré streets, was referred to the Finance Committee for consideration and report.

At this point Governor Dunne and Mrs. Henrotin withdrew.

#### REPORT ON THE DEATH OF JAMES W. NORTH.

(15) A report from Mr. William H. Browne, Secretary of the College of Medicine, concerning the death of Mr. James W. North, Caretaker and Embalmer in the Dissecting Department of the College of Medicine, together with an opinion from the Legal Counsel of the University with reference to the liability of the Board of Trustees in this case:

#### [SECRETARY BROWNE'S LETTER.]

December 6, 1913.

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

MY DEAR DOCTOR JAMES: I regret to report a distressing accident which occurred in the College of Dentistry Building, presumably on the afternoon of Friday, the 5th inst. James W. North, who has been caretaker and embalmer in the Dissecting Department, was found dead at the bottom of the freight elevator shaft by the night watchman on his rounds this morning, about five o'clock. It is supposed that he thought the freight elevator was on a level with the fourth floor dissecting room and backed into the shaft, pulling a table, on which there was a cadaver, in after him, as the cadaver and table were found on top of him.

Mr. North has been an efficient and faithful employee for the past five years, and leaves a family of a wife and four children. He is one of the employees of whom I spoke with you last Saturday relating to his raise in salary.

I do not know what the custom of the University is in such cases, but I respectfully suggest that his check in full for the month of December be sent to his widow at No. 7429 South May Street, Chicago, Ill.

Regarding the filling of his position, I am counseling with Drs. Eycleshymer and Rupert and will make you a report in a few days. Dr. Eycleshymer's plan now is to temporarily fill the position with a student assistant, who could take care of the work for the next few weeks while we are looking for a suitable man.

Yours very truly,

WILLIAM H. BROWNE, *Secretary.*

#### [JUDGE HARKER'S OPINION.]

December 9, 1913.

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

MY DEAR PRESIDENT JAMES: I have yours containing letters from Secretary Browne of the College of Medicine.

The Board of Trustees is not liable in a tort action. It may enter into contract to the extent of an individual or a private corporation; it may acquire property and hold title to the same; it may sue and be sued; but as it acts in a trust relation for the purpose of procuring and maintaining opportunities for education in the State, and is in no sense a corporation for profit, it is not liable for negligence.

Some time ago I submitted to the Board of Trustees an opinion in which I set forth fully the reasons why the board is not liable in that kind of an action, and I think I cited authorities in support of my position. At all events, I feel quite sure that no liability attaches to the Board by reason of the manner in which James W. North came to his death in the Dentistry Building.

I return enclosures.

Sincerely yours,

O. A. HARKER, *Legal Counsel.*

President James stated that in the absence of any action by the board he would direct the comptroller to send Mr. North's salary check for the

month of December to his widow, as suggested by Secretary Browné. No action was taken by the board.

#### SMOKING PROHIBITED IN MEDICAL SCHOOL.

(16) The following statement and recommendation with reference to smoking in the buildings of the College of Medicine and Dentistry:

The Supervising Architect has reported that three times this year incipient fires have gained some headway in the buildings occupied by the Colleges of Medicine and Dentistry in Chicago which were plainly started by carelessness in the use of lighted cigars or cigarettes.

The buildings are very inflammable. There is no insurance at present upon the equipment in the buildings which belongs to the University of Illinois. The insurance on the buildings is for the benefit of the bond holders and mortgage holders, and in case of fire the loss, so far as the University is concerned, would be total.

The supervising architect recommends, therefore, that smoking be prohibited in and about the buildings of the Colleges of Medicine and Dentistry, except in certain specified places that may be named by the President of the University.

If this recommendation should be approved by the Board of Trustees, I should interpret it to apply to professors, instructors, and employees, as well as to students.

I should interpret it to mean, also, that a room where persons may smoke may be set apart if it be found feasible to secure a room where the risk from fire will be eliminated.

On motion of Dr. Montgomery, the president's recommendation relating to this matter was approved.

#### APPROPRIATION FOR PHOTOGRAPHIC LABORATORIES.

(17) A request from Mr. A. G. Eldredge, Instructor in Photography, endorsed by Professor S. W. Parr, who has been in charge of the photographic work of the University, for an appropriation of fifteen hundred dollars (\$1,500) for equipment in the photographic laboratories and for the making of changes in the laboratories which may be necessary to render the equipment available.

On motion of Dr. Montgomery, this request was approved, i. e., an appropriation of fifteen hundred dollars (\$1500) was made for the purpose named. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Hoit, Mr. Montgomery, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mrs. Henrotin, Mr. Meeker, Mr. Moore.

#### IMPORT ORDER FOR CHEMICALS.

(18) A request from Professor W. A. Noyes, Director of the Chemical Laboratory, for authority to place an order for the importation of supplies for the chemical laboratory for the coming year, to an amount not to exceed twelve thousand dollars (\$12,000).

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

At this point Governor Dunne and Mrs. Henrotin rejoined the meeting.

#### ENTRANCE REQUIREMENTS, COLLEGE OF MEDICINE.

(19) A recommendation that for the year beginning September 1, 1914, and thereafter, the following be the minimum entrance requirements for the College of Medicine:

1. Fifteen units of secondary credit, including prescribed subjects, as follows:

	Units.
English .....	3
Algebra .....	1
Plane geometry .....	1
German, French, Latin, or Greek .....	2
American history and civics .....	1
Electives .....	7

Total ..... 15

2. Sixty semester hours of collegiate credit, including prescribed subjects as follows:

	Hours.
Physics .....	8
Chemistry .....	8
Biology .....	8
German or French .....	6
Electives .....	30

Total ..... 60



Either the secondary or the collegiate requirements may be satisfied (a) by certificate, or (b) by examination.

(a) Secondary credits will be accepted by certificate from the following sources:

(1) From high schools and academies in the State of Illinois which are accredited to the University of Illinois.

(2) From the State normal schools of Illinois and other normal schools having equal requirements for graduation.

(3) From schools accredited by the North Central Association of Colleges and Secondary Schools.

(4) From schools accredited to the State universities which are included in the membership of the North Central Association of Colleges and Secondary Schools.

(5) From schools approved by the New England College Entrance Certificate Board.

(b) Secondary credits may be made by examination:

(1) In the examination conducted by the Registrar of the University of Illinois at the University in Urbana in January, July, and September of each year.

(2) In the examinations conducted by the Registrar of the University of Illinois at the College of Medicine in September of each year.

(3) In the examinations conducted in June of each year by the College Entrance Examination Board.

(4) In the examinations conducted by the Regents of the University of the state of New York.

Collegiate credits will be accepted by certificate from recognized colleges which require for admission the completion of at least 14 units of high school work in an accredited high school or the full equivalent thereof, and for graduation, in addition, four years of college work; or may be made by examination in the examination conducted by the Registrar of the University of Illinois at the College of Medicine in September of each year.

On motion of Dr. Montgomery, the foregoing statement of entrance requirements for the College of Medicine was approved, to be effective for the year beginning September 1, 1914, and thereafter.

#### ENTRANCE REQUIREMENTS, COLLEGE OF LAW.

(20) A communication from the Clerk of the University Senate, transmitting a recommendation of that body concerning an increase in the entrance requirements of the College of Law:

UNIVERSITY OF ILLINOIS, October 14, 1913.

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

DEAR SIR: The University Senate at its meeting of June 2, 1913, on the recommendation of the Faculty of the College of Law and the Senate Committee on Educational Policy, voted to recommend to the Board of Trustees that the entrance requirements of the College of Law for the year 1915-1916, and thereafter, be changed to read as indicated in the following statement. This recommendation is in accordance with the recommendation from the Advisory Board of the College of Law, which has already been before the Board of Trustees (minutes of March 5, 1913).

The requirements for admission to the College of Law for the year 1915-16 and thereafter shall be as follows:

For admission as a regular student and candidate for the degree of Bachelor of Laws, an applicant must be matriculated and have 60 hours of credit in a college of this University; or have completed two full years of work as given at another college or university of recognized standing; or have received by transfer 60 hours of university credit here.

The faculty of the College of Law may, in its discretion, prescribe from time to time subjects which shall be required as part of the preliminary college work, subject to approval by the Senate.

A student who is twenty-one years of age and is entitled to admission as a regular student to another college of this University, will be admitted as a special student in the College of Law. If he attains in the course of the first year an average grade of 80 or over, he will be admitted to regular standing, and he may receive the degree of Bachelor of Laws if in all the courses he presents for the degree his average grade is 80 or more.

NOTE.—The above is not intended to abrogate the present rule in regard to the admission of special students.

Very respectfully yours,

C. M. McCONN,  
*Clerk of the Senate.*

On motion of Governor Dunne, the foregoing recommendation of the University Senate was approved.

#### AUDITOR'S REPORT.

(21) A report from the United States Audit Company, of Chicago, of an audit of the books and accounts of the University for the first quarter of the fiscal year ended September 30, 1913.

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

November 20, 1913.

*Honorable Allen F. Moore, Chairman Finance Committee, University of Illinois, Monticello, Ill.*

DEAR SIR: In accordance with your instructions, we have made an audit of the books and accounts of the University of Illinois for the first quarter of the fiscal year as ended on September 30, 1913.

The following is a summary of the Bursar's cash account, starting with the balance shown on our last report:

Balance on hand July 21, 1913 .....	\$ 2,589 98	
Receipts July 21-31, 1913 .....	10,628 55	
		<u>\$13,218 53</u>

*Remitted to Treasurer—*

July .....	\$9,925 16	
August .....	3,293 37	
		<u>\$13,218 53</u>

On and after August 1, 1913, all the receipts have been deposited intact, the Bursar having an established fund for petty payments amounting to \$5,000. We verified this amount by count on the morning of October 16, 1913, and found same as follows:

Currency .....	\$ 425 00	
Coin .....	16 81	
Checks .....	337 33	
Balance Busey's Bank, as per certificate.....	2,796 92	
Vouchers in process of entry .....	1,799 58	
		<u>\$5,374 64</u>

Amount of fund .....	\$5,000 00	
Receipts of October 15, not deposited .....	374 64	
		<u>\$5,374 64</u>

In the cash statement following, we present in total the general cash transactions for the first quarter, as represented by the cash book and warrant register, beginning with the general cash balance at June 30, 1913:

Treasurer's balance June 30, 1913 .....	\$277,996 02	
Bursar's balance June 30, 1913 .....	2,123 77	
		<u>\$280,124 79</u>
Add—Cash receipts (Exhibit "A").....	\$134,560 13	
Remittance from U. S. Treasurer, not on University books .....	50,000 00	
		<u>\$464,684 92</u>
Deduct—Warrants drawn on University treasurer (Exhibit "B") .....	223,203 96	
		<u>\$241,480 96</u>

*Made up as follows—*

Treasurer's balance .....	\$237,614 55	
Receipts of September 30, deposited October 1.....	3,866 41	
		<u>\$241,480 96</u>

The following is a reconciliation of the treasurer's account with the books of the University as at September 30, 1913:

Treasurer's balance, per University records.....	\$237,614 55	
Add—Unpaid warrants, Schedule "5".....	30,220 12	
		<u>\$267,834 67</u>

*Made up as follows (Schedule "4")—*

General fund .....	\$245,633 25	
College of Medicine .....	2,222 87	
U. S. Agricultural Experiment Station .....	3,312 29	
School of Pharmacy .....	16,666 24	
		<u>\$267,834 65</u>
Treasurer's bank balance, per certificate.....		02
Difference .....		<u>\$267,834 67</u>

In reconciling the bank account of the University treasurer, we found that the following two checks were paid twice, a duplicate having been issued:

No. 715 .....	\$2 88
No. 12 .....	1 83
	<u>\$4 71</u>

As the amounts were small, we have, pending adjustment, shown these as a deduction from the unpaid warrants.

We have proved the footings of the warrant register, cash book and summer session fee book; and verified all the postings to and footings of the disbursement ledger and cash receipt analysis ledger.

We also verified the distribution of disbursements, and found that same appear to be proper charges to the various classifications, as noted in our schedules "1," "2" and "3," and subsidiary schedules thereof.

We reconciled the receipts as shown by the cash book with the deposits as shown by the bank, and found that all receipts were deposited as per the following:

Deposits as per bank .....	\$183,316 18	
Less—Transfer entries .....	478 71	
	<hr/>	
	\$182,837 47	
Add—Deposit of October 1, being September 30 receipts .....	3,866 41	
	<hr/>	
	\$186,703 88	
Difference .....	02	
	<hr/>	
	\$186,703 90	
Deduct—Deposit of July 1, being June receipts.....	15 00	
	<hr/>	
		\$186,688 90
Receipts—Exhibit "A" .....	\$134,560 13	
Remittance from U. S. Treasurer not on University books .....	50,000 00	
	<hr/>	
	\$184,560 13	
Bursar's balance June 30, 1913.....	2,128 77	
	<hr/>	
		\$186,688 90
We verified the summer session fees and found the following unpaid:		
No. 326 Ora Reno .....		\$ 8 00
No. 374 Edna L. Strater .....		2 00
H. A. Taylor—2d semester .....		20 00
		<hr/>
		\$30 00

As no budget had been adopted at the time of this audit by the Board of Trustees for the period 1913-14, the disbursements as shown on Schedule "3" are as they appear on the books of the University.

We submit various exhibits and schedules, as enumerated on the index prefixed hereto, and, subject to remarks in this report, we certify that same are correct and in accordance with the books and records of the University of Illinois.

Yours very truly,

By UNITED STATES AUDIT CO.,

By WHITNEY B. FLERSHEM,

Certified Public Accountant.

Authorized and Approved:

HENRY L. HERTZ, *President.*

#### RECOMMENDATION CONCERNING NEW LIBRARY BUILDING.

(22) A communication from the Library Committee of the University Senate concerning the urgent need of a new University Library Building.

This communication was referred to the Committee on Library for consideration and report.

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

The secretary presented the following report of appointments made by the President of the University under the authority of the Board of Trustees, which was received for record:

Alder, Clay, Student Assistant in Chemistry in the College of Medicine, to render three hours' service per week beginning December 1, 1913, for the remainder of the first term, and six hours' service per week during the second term, and to be paid at the rate of fifty dollars (\$50) per year for three hours' service per week throughout the year. (October 31, 1913.\*)

Allen, Louis, Assistant in Romance Languages, on half time, beginning as soon as he reports for service, and continuing until June 30, 1914, at a salary of forty-five dollars (\$45) a month. (October 11, 1913.)

Appelle, C. G., Student Assistant in Chemistry in the College of Medicine, to give six hours' service per week throughout the year, at a compensation of one hundred dollars (\$100) for the year. (October 31, 1913.)

Armstrong, Mable L., Stenographer in the College of Medicine, at a salary of seventy-five dollars (\$75) per month, beginning October 1, 1913, and continuing until further notice. (November 5, 1913.)

Aust, Franz August, Assistant in Landscape Design, for eleven months beginning October 1, 1913, at a salary of eighty-three and 33/100 dollars (\$83.33) a month, vice Thomason, declined. (October 11, 1913.)

Bartlett, Frank Kaiser, Assistant in Pathology in the College of Medicine, for the academic year beginning October 1, 1913, at a salary of eighteen hundred dollars (\$1,800) for the year. (October 17, 1913.)

†Beach, Robin, Instructor in General Engineering Drawing, beginning as soon as he reports for service, and continuing until June 30, 1914, at a salary of one hundred dollars (\$100) a month. (November 18, 1913.)

Berry, E. H., Assistant in Military Science, for the academic year 1913-14, at a remuneration of one hundred dollars (\$100) for the year, payable at the rate of

\* 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.

twenty dollars (\$20) a month for the five months beginning February 1, 1914. (October 27, 1913.)

Beyer, Melinda Lynn, Stenographer in the President's Office, at a salary of seventy-five dollars (\$75) a month, beginning August 28, 1913, and continuing until further notice. (October 14, 1913.)

Bowen, Evalena, Stenographer in the Department of Animal Husbandry, at a salary of sixty-five dollars (\$65) a month, beginning September 1, 1913, and continuing until further notice. (October 10, 1913.)

Brachvogel, Max, Student Assistant in Physiology in the College of Medicine, to give three hours' service per week throughout the year, at a compensation of fifty dollars (\$50) for the year. (October 23, 1913.)

Britton, Floyd Evanston, Clerk in the Order Department of the Library, for ten months beginning November 1, 1913, at a salary of thirty dollars (\$30) a month. (October 25, 1913.)

Buckles, Mildred, Stenographer in the Department of Horticulture, at a salary of sixty-five dollars (\$65) a month, beginning September 1, 1913, and continuing until further notice. (October 10, 1913.)

Burt, Ruth, Stenographer in the Department of Horticulture, at a salary of fifty dollars (\$50) a month, beginning September 1, 1913, and continuing until further notice. (October 10, 1913.)

Carson, H. Y., Assistant in Architectural Engineering and Superintendent of Construction in the office of the Supervising Architect, for the months of October and November, 1913, at a salary of one hundred twenty-five dollars (\$125) a month. (November 5, 1913.)

Cole, Henry W., Curator in the College of Medicine, at a salary of one hundred dollars (\$100) a month, beginning October 1, 1913, and continuing until further notice. (November 5, 1913.)

Conley, C. C., Student Assistant in Chemistry in the College of Medicine, to give twelve hours' service per week throughout the year, at a compensation of two hundred dollars (\$200) for the year. (October 31, 1913.)

Cort, W. W., Fellow in Zoölogy, for the academic year beginning September 1, 1913, with a stipendium of three hundred dollars (\$300) for the year. (October 14, 1913.)

Cover, Hazel, Stenographer in the Department of Horticulture, at a salary of sixty dollars (\$60) a month, beginning September 1, 1913, and continuing until further notice. (October 10, 1913.)

Crathorne, Anna, Stenographer in the Department of Dairy Husbandry, at a salary of fifty dollars (\$50) a month, beginning September 1, 1913, and continuing until further notice. (October 10, 1913.)

Custer, Emma L., Chief Clerk and Bookkeeper in the Department of Agronomy, at a salary of seventy-five dollars (\$75) a month, beginning September 1, 1913, and continuing until further notice. (October 10, 1913.)

Dixon, Raymond E., Assistant in English, beginning as soon as he shall report for service, and continuing until June 30, 1914, at a salary of one hundred ten dollars (\$110) a month. (October 13, 1913.)

Durfey, Franc, Stenographer in the Business Office, at a salary of fifty dollars (\$50) a month, beginning December 1, 1913, and continuing until further notice. (December 8, 1913.)

Falls, Frederick H., Research Fellow in Obstetrics in the College of Medicine, for ten months beginning October 1, 1913, at a salary of fifty dollars (\$50) a month. (October 21, 1913.)

Fargo, Roy N., Instructor in Physical Training and Director of the Gymnasium, for ten months beginning September 1, 1913, at a salary of one hundred twenty dollars (\$120) a month; this appointment to supersede his former appointment as Assistant in Physical Training at fifty dollars (\$50) a month. (October 14, 1913.)

Feldkamp, Amelia, Clerk in the Department of Dairy Husbandry, at a salary of forty dollars (\$40) a month, beginning September 1, 1913, and continuing until further notice. (October 10, 1913.)

Fisher, O. G., Assistant in Bacteriology in the College of Medicine, for the academic year 1913-14, at a remuneration of two hundred dollars (\$200) for the year. (October 30, 1913.)

Foss, Margaret C., Stenographer in the General Office of the College of Agriculture, at a salary of fifty dollars (\$50) a month, beginning September 1, 1913, and continuing until further notice. (October 10, 1913.)

Froberg, Eric, Head Janitor in the College of Medicine, at a salary of seventy-five dollars (\$75) a month, beginning October 1, 1913, and continuing until further notice. (November 5, 1913.)

Gaffney, Carl O., Technician in the Laboratory for Clinical Research in the College of Medicine, beginning October 1, 1913, or as soon thereafter as he shall report for service, and continuing until further notice, at a salary of sixty-five dollars (\$65) a month. (October 17, 1913.)

Gage, Marjorie H., Stenographer in the Department of Animal Husbandry, at a salary of seventy-five dollars (\$75) a month, beginning September 1, 1913, and continuing until further notice. (October 10, 1913.)

Gallagher, Marion B., Stenographer in the Department of Agronomy, at a salary of fifty dollars (\$50) a month, beginning September 1, 1913, and continuing until further notice. (October 10, 1913.)

Glasgow, Robert D., Instructor in Entomology, for seven months beginning December 1, 1913, at a salary of one hundred dollars (\$100) a month, vice Hugh Glasgow, resigned. (November 22, 1913.)

Groot, J. T., Student Assistant in Chemistry in the College of Medicine, to give six hours' service per week during the first term and three hours' service per week during the second term, at a salary of seventy-five dollars (\$75) for the year. (October 31, 1913.)

Gubbins, Maud, Infirmary Clerk in the College of Dentistry, at a salary of sixty dollars (\$60) a month, beginning as soon as she reports for service, and continuing until further notice. (October 6, 1913.)

Hakenson, Eric Gosta, Student Technician in the Infirmary and Dissecting Room of the College of Medicine, for eight months beginning October 1, 1913, at a salary of thirty dollars (\$30) a month. (October 17, 1913.)

Halliday, Mabel, Stenographer in the Department of Animal Husbandry, at a salary of sixty dollars (\$60) a month, beginning September 1, 1913, and continuing until further notice. (October 10, 1913.)

Harper, Julia Alberta, Editorial Assistant in the Department of Horticulture, at a salary of sixty-five dollars (\$65) a month, beginning October 1, 1913, and continuing until further notice. (October 11, 1913.)

Howes, H. E., Assistant in Military Science, for the academic year 1913-14, at a remuneration of one hundred dollars (\$100) for the year, payable at the rate of twenty dollars (\$20) a month for the five months beginning February 1, 1914. (October 27, 1913.)

Hwasser, Anna Julia, Assistant Librarian in the College of Medicine, at a salary of fifty dollars (\$50) a month, beginning as soon as she reports for service, and continuing until further notice. (November 18, 1913.)

Katz, Louise W., Temporary Catalog Assistant in the Library (on the Vahlen and Aron Libraries), at a salary of seventy-five dollars (\$75) a month, beginning as soon as she shall report for service, and continuing until further notice. (October 25, 1913.)

Kennedy, R. E., Instructor in Foundry, for ten months beginning September 1, 1913, at a salary of one hundred fifty dollars (\$150) a month; this appointment superseding his previous appointment at one hundred twenty dollars (\$120) a month. (October 10, 1913.)

Lahr, Lawrence, Stenographer in the Department of Horticulture, at a salary of fifty dollars (\$50) a month, beginning September 1, 1913, and continuing until further notice. (October 10, 1913.)

Lonius, John O., Mechanician in the Shop Laboratories, at a salary of ninety dollars (\$90) a month, beginning as soon as he shall report for service, and continuing until further notice, vice Edward Berbaum. (October 1, 1913.)

McClanahan, Benjamin Vaughn, Student Assistant in Physiology in the College of Medicine, to give three hours' service per week throughout the year, at a salary of fifty dollars (\$50) for the year. (October 23, 1913.)

McGehee, Hester Elizabeth, Typist in the Catalog Department of the Library, at a salary of forty dollars (\$40) a month, beginning October 1, 1913, and continuing until further notice, vice Lyda E. White. (October 17, 1913.)

McIntire, W. A., Clerk in the Department of Agronomy, at a salary of fifty dollars (\$50) a month, beginning September 1, 1913, and continuing until further notice. (October 10, 1913.)

Magruder, Ira W., Assistant Mechanician in the Department of Physics, at a salary of seventy dollars (\$70) a month, beginning October 27, 1913, and continuing until further notice, vice J. B. Hayes, promoted. (October 8, 1913.)

Merchant, Donna, Stenographer in the School of Education, at a salary of fifty dollars (\$50) a month, beginning November 1, 1913, and continuing until further notice. (November 3, 1913.)

Millar, Mary, Clerk in the Department of Agronomy, at a salary of seventy dollars (\$70) a month, beginning September 1, 1913, and continuing until further notice. (October 10, 1913.)

\*Mills, Guy G., Instructor in Civil Engineering, at a salary of ninety dollars (\$90) a month, beginning as soon as he shall report for service, and continuing until June 11, 1914. (November 17, 1913.)

Moon, V. H., Instructor in Histology in the College of Dentistry, on part time, for the academic year 1913-14, at a salary of five hundred dollars (\$500) for the year. (November 19, 1913.)

Nabel, Merle Louis, Fellow in the Engineering Experiment Station, for ten months beginning September 1, 1913, with a stipendium of fifty dollars (\$50) a month; this appointment to supersede his former appointment as a Scholar in the Graduate School. (October 27, 1913.)

Nadeau, Emil George, Student Assistant in Physiology in the College of Medicine, to give three hours' service per week throughout the year, at a salary of fifty dollars (\$50) for the year. (October 23, 1913.)

Needham, Lucile, Stenographer in the Department of Agricultural Extension, at a salary of sixty dollars (\$60) a month, beginning September 1, 1913, and continuing until further notice. (October 10, 1913.)

Newell, Clyde R., Assistant in Bacteriology, for ten months beginning September 1, 1913, at a salary of one hundred dollars (\$100) a month; this appointment to supersede his previous appointment at eighty-five dollars (\$85) a month, and being made by reason of extra work assigned to him. (October 11, 1913.)

Ochs, Arthur, Student Assistant in Bacteriology in the College of Medicine, for the academic year beginning October 1, 1913, to render six hours' service per week, at a salary of one hundred dollars (\$100) for the year. (October 30, 1913.)

Ousley, H. P., Assistant in Military Science, for the academic year 1913-14, at a salary of one hundred dollars (\$100) for the year, payable at the rate of twenty dollars (\$20) a month for the five months beginning February 1, 1914. (October 27, 1913.)

Page, Leonora Smith, Stenographer in the Department of Horticulture, at a salary of fifty-five dollars (\$55) a month, beginning September 1, 1913, and continuing until further notice. (October 10, 1913.)

\* Appointment made by Vice-President Kinley.

Parcel, John Ira, Assistant Professor of Structural Engineering, for three years beginning September 1, 1913, at a salary of twenty-five hundred dollars (\$2,500) per annum. (October 14, 1913.)

\*Paulus, William H., Laboratory Helper in the Department of Railway Engineering, at a salary of fifty-five dollars (\$55) a month, beginning October 27, 1913, and continuing until further notice. (November 17, 1913.)

Perry, Leonora, Editorial Assistant in the Department of Animal Husbandry, for nine months beginning December 1, 1913, at a salary of one hundred dollars (\$100) a month. (November 20, 1913.)

Pillsbury, W. H., Instructor in Law, for the second semester of the academic year 1913-14, at a salary of one thousand dollars (\$1,000) for the semester. (October 13, 1913.)

Poll, Lillian, Bookkeeper in the Department of Dairy Husbandry, at a salary of fifty dollars (\$50) a month, beginning September 1, 1913, and continuing until further notice. (October 10, 1913.)

\*Potter, Mable, Secretary in the Department of Dairy Husbandry, at a salary of seventy-five dollars (\$75) a month, beginning as soon as she shall report for service, and continuing until further notice. (November 18, 1913.)

Prouty, E. C., Assistant in Military Science, for the academic year 1913-14, at a remuneration of one hundred dollars (\$100) for the year, payable at the rate of twenty dollars (\$20) a month for the five months beginning February 1, 1914. (October 27, 1913.)

Pulling, Elizabeth, Stenographer in the Department of Animal Husbandry, at a salary of sixty dollars (\$60) a month, beginning September 1, 1913, and continuing until further notice. (October 10, 1913.)

Putnam, Persis, Stenographer and Bookkeeper in the Library, at a salary of seventy-five dollars (\$75) a month, beginning October 6, 1913, or as soon thereafter as she shall report for service, and continuing until further notice. (October 7, 1913.)

Rees, Charles Christian, Assistant in Pathology in the Department of Horticulture, for ten months beginning October 1, 1913, on half time from October to June, and on full time during the summer months, at a salary of forty-one dollars and sixty-six cents (\$41.66) a month. (October 11, 1913.)

Reid, Olive G., Stenographer in the Department of Agronomy, at a salary of fifty dollars (\$50) a month, beginning September 1, 1913, and continuing until further notice. (October 10, 1913.)

Rein, Lillian E., Stenographer in the Office of the Dean of the College of Engineering, at a salary of fifty dollars (\$50) a month, beginning as soon as she reports for service, and continuing until further notice. (October 22, 1913.)

Renich, Katharine Louise, Clerk in the Order Department of the Library, on half time, for ten months beginning November 1, 1913, at a salary of thirty dollars (\$30) a month; this appointment to supersede her previous appointment on full time at sixty dollars (\$60) a month. (October 25, 1913.)

Richardson, F. R., Student Assistant in Chemistry in the College of Medicine, to give six hours' service per week throughout the year, at a salary of one hundred dollars (\$100) for the year. (October 31, 1913.)

Riggs, Bess, Stenographer in the General Office of the College of Agriculture, at a salary of thirty dollars (\$30) a month, beginning September 1, 1913, and continuing until further notice. (October 10, 1913.)

Roushausen, Clara, Assistant in Bacteriology in the College of Medicine, for the academic year beginning October 1, 1913, at a salary of two hundred dollars (\$200) for the year. (October 30, 1913.)

Rowland, Sidney A., Assistant in Mathematics, for ten months beginning September 1, 1913, at a salary of seventy-five dollars (\$75) a month; this appointment to supersede his previous appointment at sixty dollars (\$60) a month, and being made by reason of additional work assigned to him. (October 14, 1913.)

Ryan, Frank, Assistant in Orthodontia in the College of Dentistry, for the academic year beginning October 1, 1913, without salary. (October 7, 1913.)

Savage, John, Elevator Man in the College of Medicine, at a salary of fifty dollars (\$50) a month, beginning October 1, 1913, and continuing until further notice. (November 5, 1913.)

Schultze, S. George, Assistant to the Curator in the College of Medicine, for eight months beginning October 1, 1913, at a salary of thirty-five dollars (\$35) a month. (October 17, 1913.)

Schur, Raymond, Laboratory Helper in Physiological Chemistry in the College of Medicine, for eight months beginning October 1, 1913, at a salary of forty dollars (\$40) a month. (October 17, 1913.)

Sellin, Joseph, Student Assistant in Physiology in the College of Medicine, to give nine hours' service per week throughout the year, at a salary of one hundred fifty dollars (\$150) for the year. (October 23, 1913.)

Sharp, Ethel, Stenographer in the Department of Dairy Husbandry, at a salary of forty dollars (\$40) a month, beginning September 1, 1913, and continuing until further notice. (October 10, 1913.)

Siegbahn, Nils, Technician in the Department of Pathology in the College of Medicine, at a salary of sixty dollars (\$60) a month, beginning October 1, 1913, or as soon thereafter as he shall report for service, and continuing until further notice. (October 17, 1913.)

Stricklan, Frieda O., Stenographer in the Department of Agronomy, at a salary of sixty-five dollars (\$65) a month, beginning September 1, 1913, and continuing until further notice. (October 10, 1913.)

Tarkowski, Leo, Student Assistant in the Library of the College of Medicine, for the academic year 1913-14, at a salary of seventy-five dollars (\$75) for the

\* Appointment made by Vice-President Kinley.

year, to be paid in tuition upon the certificate of the librarian that he has given two hours a day to the Library throughout the year. (October 23, 1913.)

Tomlinson, Joseph S., Cashier in the College of Medicine, at a salary of one hundred twenty-five dollars (\$125) a month, beginning October 1, 1913, and continuing until further notice. (November 5, 1913.)

Vauble, Daniel, Stenographer in the Department of Agronomy, at a salary of sixty dollars (\$60) a month, beginning September 1, 1913, and continuing until further notice. (October 10, 1913.)

Watson, Ethel, Assistant in the Office of the Secretary of the College of Medicine, at a salary of forty-five dollars (\$45) a month, beginning December 1, 1913, for the month of December, or until further notice. (November 25, 1913.)

Weeter, Harry M., Assistant in Dairy Husbandry in the College of Agriculture and in the Agricultural Experiment Station, with a salary at the rate of one thousand dollars (\$1,000) per annum, beginning as soon as he reports for service, and continuing until August 31, 1914. (December 11, 1913.)

Wescott, C. H., Assistant in Military Science, for the academic year 1913-14, at a salary of one hundred dollars (\$100) for the year, payable at the rate of twenty dollars (\$20) a month for the five months beginning February 1, 1914. (October 27, 1913.)

Wheeler, H. H., Clerk in the General Office of the College of Agriculture, at a salary of seventy dollars (\$70) a month, beginning September 1, 1913, and continuing until further notice. (October 10, 1913.)

White, Loretta, Stenographer in the Department of Dairy Husbandry, at a salary of sixty-five dollars (\$65) a month, beginning September 1, 1913, and continuing until further notice. (October 10, 1913.)

Wilson, Wilbur M., Assistant Professor of Structural Engineering, for one year beginning September 1, 1913, at a salary of twenty-two hundred dollars (\$2,200) for the year. (October 14, 1913.)

Williams, Arthur E., Assistant in Ceramics, at a salary of one hundred twenty-five dollars (\$125) a month, beginning as soon as he shall report for service, and continuing until June 30, 1914, vice Robert Back. (October 11, 1913.)

Young, Lewis E., Instructor in Mining Engineering, on part time, for ten months, beginning September 1, 1913, at a salary of one hundred fifty dollars (\$150) a month. (October 14, 1913.)

### REPORT OF SUMMER SESSION FEES.

The secretary presented the registrar's report of fees payable for the Summer Session of 1913. This report was received for record:

#### REPORT OF FEES SUMMER SESSION, 1913.

	Gross.	Refund.	Net total.
Matriculation—			
14 @ \$10.00 .....	\$ 140 00	.....	\$ 140 00
Incidental—			
348 @ \$12.00 .....	\$4,176 00	.....	.....
38 @ 6.00 .....	228 00	.....	.....
	\$4,404 00		
Refund—			
18 @ \$12.00 .....		\$216 00	
8 @ 6.00 .....		48 00	
2 @ 3.00 .....		6 00	
		\$270 00	4,134 00
Total general fees .....			\$4,274 00
Laboratory Fees—	Gross.	Refund.	Net total.
Botany .....	\$ 46 50	.....	\$ 46 50
Chemistry .....	862 00	19 00	843 00
Drawing, General Engineering .....	9 00	.....	9 00
Entomology .....	38 00	1 50	36 50
Household Science .....	32 00	4 00	28 00
Mechanics, Theoretical and Applied .....	33 00	2 00	31 00
Physics .....	64 50	1 50	63 00
Zoology .....	58 50	.....	58 50
Total laboratory fees .....	\$1,143 50	\$ 28 00	\$1,115 50
Special Examination Fees—			
22 @ \$5.00 .....	110 00	.....	110 00
Totals .....	\$5,797 50	\$298 00	\$5,499 50

### REPORT OF THE COMPTROLLER.

The secretary presented, also, the report of Prof. George E. Frazer, the Comptroller, for the quarter ended September 30, 1913. This report was received for record:

October 16, 1913.

*Honorable W. L. Abbott, President, Board of Trustees, University of Illinois.*

SIR: I hand you herewith the quarterly report of the business office for the three months ending September 30, 1913. Included in this report are schedules of cash receipts and disbursements, of expenditures from State appropriations, and of charges against board allotments, together with funding balance sheets as at September 30, 1913.

Under separate cover, as a part of this report, are also presented lists of warrants drawn against the University treasurer and of vouchers certified to the State Auditor.

Respectfully submitted,  
GEO. E. FRAZER, *Comptroller.*

## SCHEDULE 1.

## CASH SUMMARY, SEPTEMBER 30, 1913.

## UNIVERSITY TREASURER.

General—			
Balance July 1, 1913 .....	\$277,851 19		
Receipts, Schedule 2 .....	104,133 78		
Total .....	\$381,984 97		
Disbursements, Schedule 4 .....	214,779 33		
Balance September 30, 1913 .....		\$167,205 64	
U. S. Agricultural Experiment Station—			
Balance July 1, 1913 .....	\$1,140 77		
Receipts, Schedule 2 .....	7,500 00		
Total .....	\$8,640 77		
Disbursements, Schedule 4 .....	6,082 06		
Balance September 30, 1913 .....		2,558 71	
Medicine—			
Balance July 1, 1913 .....	† \$1,034 04		
Receipts, Schedule 2 .....	7,442 96		
Total .....	\$6,408 92		
Disbursements, Schedule 4 .....	1,459 45		
Balance September 30, 1913 .....		4,949 47	
Pharmacy—			
Balance July 1, 1913 .....	\$ 2,166 87		
Receipts, Schedule 2 .....	15,483 39		
Total .....	\$17,650 26		
Disbursements, Schedule 4 .....	883 12		
Balance September 30, 1913 .....		16,767 14	
Total treasurer's balance September 30, 1913 .....		\$191,480 96	
Bursar .....		5,000 00	
Secretary, College of Medicine .....		300 00	
Actuary, School of Pharmacy .....		250 00	
Vice Director, Agricultural Experiment Station .....		600 00	
Total cash balance September 30, 1913 .....		\$197,630 96	

## SCHEDULE 2.

## CASH RECEIPTS FOR QUARTER ENDING SEPTEMBER 30, 1913.

	July.	August.	Septem-ber.	Total.
General—				
Accountancy .....			\$ 13 55	\$ 13 55
Agricultural college, administration .....	\$ 5 00	\$ 12 20		17 20
Agronomy .....	10 28	15	52 65	63 06
Agronomy, experiment station .....	1,175 21	1,409 38	1,092 26	3,676 85
<i>Alumni Record</i> .....	209 75	60 94	42 00	312 69
Animal husbandry .....	380 55		120 76	501 31
Animal husbandry, experiment station .....	6,375 14		125 93	6,501 07
Armory .....		108 84	126 10	234 94
Auditing committee for students organization .....			1 75	1 75
Blue printing department .....	343 09		25 35	368 44

\* Including Bursar's balance of \$2,128.77 transferred on August 1, 1913.

† Overdraft.



## SCHEDULE 2—Concluded.

	July.	August.	Septem-ber.	Total.
<i>General—Concluded.</i>				
Buildings .....		\$ 45 92	\$ 29 02	\$ 74 94
Business office .....		25		25
Cafeteria .....	\$ 991 98	340 78	379 73	1,712 69
Ceramics .....	3 00			3 00
Chemistry .....	5 00	7 75	4 00	16 75
Civil engineering department .....	24 50	18 15	35 00	77 65
Dairy .....	5,071 38	5,147 67	4,330 67	14,549 72
Dairy, experiment station .....	493 00	70 50	563 32	1,126 82
Engineering experiment station .....		23 90	56 10	80 00
Fees—				
Diploma .....	10 00		5 00	15 00
General .....	243 00	148 00	53,565 50	53,956 50
Laboratory .....	68 50	22 00	14,809 50	14,900 00
Lockers, general .....	8 50	50	221 50	230 50
Lockers, gymnasium .....			1,298 00	1,298 00
Horticulture .....	220 81	74 60	180 52	475 93
Horticulture, experiment station .....	67 31	103 47	7 70	178 48
Hospital association .....			256 00	256 00
Household science .....	5 00		22 25	27 25
Library .....	10		3 00	3 10
McKinley fund, interest .....	42 13	79 34	65 57	187 04
McKinley fund, principal .....	65 00	85 00	40 00	140 00
Orchestra concerts .....			624 00	624 00
<i>Philology, Journal of.</i> .....			158 15	158 15
Press service .....			53 00	53 00
Registrar's office .....			8 25	8 25
Rent of house .....		140 00		140 00
Science, college of .....			3 08	3 08
Shop laboratories .....		93 00	25 00	118 00
Snyder fund, interest .....	95 91	53 78	41 41	191 10
Snyder fund, principal .....	543 13	88 75	541 87	1,173 75
Steam .....		21 92	2 50	24 42
Supervising architect's office .....		2 60	22 93	25 53
Theoretical and applied mechanics .....	312 20	111 50	20 00	443 70
Towel fund .....			100 00	100 00
<i>University Studies.</i> .....	4 43	77	8 01	13 21
Water survey .....		56 00		56 00
Zoology .....	1 11			1 11
Total .....	\$16,774 99	\$8,277 86	\$79,080 93	\$104,133 78
<i>United States Agricultural Experiment Station—</i>				
Adams fund .....	\$3,750 00			\$3,750 00
Hatch fund .....	3,750 00			3,750 00
Total .....	\$7,500 00			\$7,500 00
<i>Medicine—</i>				
<i>Dentistry—</i>				
General .....			\$ 75 00	\$ 75 00
Interest .....			13 50	13 50
Matriculation .....			95 00	95 00
<i>Medicine—</i>				
Dispensary .....	\$ 58 55	\$ 65 75	47 45	171 75
General .....	836 05	233 00	4,070 00	5,139 05
Interest on bonds .....	264 00			264 00
Laboratories .....	247 40	127 05	834 45	1,208 90
Matriculation .....	45 00		310 00	355 00
Rebates .....		30 00		30 00
West side hospital, gas .....		9 76		9 76
Summer session .....			81 00	81 00
Total .....	\$1,451 00	\$465 56	\$5,526 40	\$7,442 96
<i>Pharmacy—</i>				
General .....		\$100 00		\$ 100 00
Laboratory deposit .....	\$ 19 00		\$ 2,460 95	2,479 95
Matriculation .....	145 00	190 00	510 00	845 00
Tuition .....	132 44	140 00	11,765 00	12,067 44
Total .....	\$287 44	\$430 00	\$14,765 95	\$15,483 39
General .....	\$16,774 99	\$8,277 86	\$79,080 93	\$104,133 78
United States Agricultural Experiment Station .....	7,500 00			7,500 00
Medicine .....	1,451 00	465 56	5,526 40	7,442 96
Pharmacy .....	287 44	430 00	14,765 95	15,483 39
Total .....	\$26,013 43	\$9,173 42	\$99,373 28	\$134,560 13

## SCHEDULE 3.

STATEMENT OF BALANCES IN STATE APPROPRIATIONS FOR 1913-14, AS AT SEPTEMBER 30, 1913.

Appropriation,	Amount.	Disbursements Schedule 4.	Balance.
Operation, maintenance and equipment.....	\$1,600,000 00	\$357,776 11	\$1,242,223 89
Buildings, land and equipment .....	650,000 00	280,880 68	369,119 32
Water survey and investigation.....	21,500 00	3,424 76	18,075 24
Mechanics and miners institutes.....	15,000 00	463 07	14,536 93
Total.....	\$2,286,500 00	\$642,544 62	\$1,643,955 38

## SCHEDULE 4.

RECONCILEMENT OF WARRANT REGISTERS WITH DISBURSEMENT LEDGERS AS AT  
SEPTEMBER 30, 1913.

WARRANT REGISTERS.	Items.	Totals.
University Treasurer—		
General .....	\$214,779 33	
U. S. Agricultural Experiment Station .....	6,082 06	
Medicine .....	1,459 45	
Pharmacy .....	883 12	
		\$223,203 96
State Auditor—		
Operation, maintenance and equipment .....	\$357,776 11	
Buildings, land and equipment .....	280,880 68	
Water Survey .....	3,424 76	
Mechanics' and miners' institutes .....	463 07	
		642,544 62
		\$865,748 58

## DISBURSEMENT LEDGERS.

	Items.
Disbursements from appropriations brought forward from 1912-13, as per Schedule 41 .....	\$143,763 94
Disbursements on account of 1913-14, as per Schedule 42.....	721,984 64
	\$865,748 58

## SCHEDULE 41.

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

	Balance July 1, 1913.	Disbursements July 1 to September 30, 1913.	Cash balance.	Encumbrances.			Free balance.
				Open market orders outstand- ing.	Con- tracts outstand- ing.	Total.	
Current Appropria- tions—							
Literature and Arts, College of.....	\$ 74 10	\$ 74 10					
Science, College of.	7 85	7 85					
State Appropriations—							
Agricultural college	15,278 43	15,278 43					
Animal husbandry building.....	70,941 39	46,886 28	\$24,055 11		\$24,055 11	\$24,055 11	
Apparatus and Ap- pliances—							
Astronomy.....	492 96	408 82	84 14	\$ 37 92		37 92	\$ 46 22
Museum.....	321 84		321 84	285 00		285 00	36 84
Psychology.....	14		14				14
Armory .....	21,981 65	18,519 31	3,462 34		3,462 34	3,462 34	
Cabinets—							
Lincoln hall....	96 39	90 15	6 24	11 75		11 75	† 5 51
Natural history.	63 51	40 00	23 51	9 00		9 00	14 51
Ceramics.....	851 33	851 33					
Clinic building.....	5,000 00		5,000 00				5,000 00
Cold storage .....	9,000 00		9,000 00				9,000 00
Commerce building.	10,024 75	5,107 25	4,917 50	2,180 72		2,180 72	2,736 78

SCHEDULE 41—*Concluded.*

	Balance July 1, 1913.	Disburse- ments July 1 to September 30, 1913.	Cash balance.	Encumbrances.			Free balance.
				Open market orders outstand- ing.	Con- tracts outstand- ing.	Total.	
State Appropriations— <i>Concluded.</i>							
Crop experiments..	\$ 2,517 88	\$ 2,492 81	\$ 25 07	\$ 143 35	.....	\$ 143 35	†\$ 118 28
Drains, fences and repairs.....	2,162 26	2,162 26	.....	225 00	.....	225 00	†225 00
Engineering build- ing and grounds..	4,727 54	4,727 54	.....	22 00	.....	22 00	†22 00
Engineering exten- sion and mainte- nance—							
College .....	4,269 19	4,269 19	.....				.....
Experiment sta- tion .....	3,595 92	3,595 92	.....				.....
Glass house .....	328 95	328 95	.....				.....
Graduate school ..	12,709 51	12,709 51	.....				.....
Household science..	2,363 94	1 91	2,362 03	136 00		136 00	2,226 03
Law building.....	3,588 24	2,406 85	1,181 39	616 55	\$278 00	894 55	286 84
Law school.....	3,052 43	2,148 22	904 21	68		68	†903 53
Library.....	1,842 56	1,608 89	233 67				†233 67
Live stock speci- mens .....	807 48	598 21	209 27	15		15	209 12
Mines investigation	8 33	8 33					
Mining engineering	3,097 77	2,442 09	655 68	766 61		766 61	†110 93
Operating expense—							
Comptroller's							
office .....	818 32	818 32	.....				.....
Furniture and fixtures.....	2,928 35	1,747 71	1,180 64	1,141 85		1,141 85	38 79
General.....	1,120 43	1,120 43	.....				.....
Pavements and walks .....	168 30	160 27	8 03	42 00		42 00	†33 97
Social and political science.....	4,055 89	1,039 36	3,016 53	340 66		340 66	†2,675 87
Soil maps .....	29,743 42	175 84	29,567 58	6,636 50		6,636 50	22,931 08
Telephone ex- change.....	292 47	292 47	.....				.....
University hall.....	450 80	450 80	.....				.....
Water investiga- tion .....	943 76	943 76	.....				.....
Water survey .....	2,918 38	2,918 38	.....				.....
Woman's building addition .....	7,332 40	7,332 40	.....	136 49	.....	136 49	†136 49
Totals .....	\$229,978 86	\$143,763 94	\$86,214 92	\$12,732 23	\$27,795 45	\$40,527 68	\$45,687 24

† Overdraft.

‡ Not including Library. Orders outstanding.

## SCHEDULE 42.

DISBURSEMENTS AND ENCUMBRANCES ON ACCOUNTS FOR 1913-1914, FOR QUARTER ENDING SEPTEMBER 30, 1913.

	Cash disburse- ments.	Transfer charges.	Encumbrances.			Total charges.
			Open market orders outstand- ing.	Contracts outstand- ing.	Total.	
Land and Land Improve- ments						
*Land.....	\$283,673 60	.....	.....	.....	.....	\$283,673 60
*Boiler house drive.....	42 90	.....	.....	.....	.....	42 90
*Campus lighting.....	187 50	.....	\$2,253 38	.....	\$ 2,253 38	2,440 88
Pavements and walks ....	18 00	.....	136 80	.....	136 80	156 80

\* See also schedule 5.

## SCHEDULE 42—Continued.

	Cash disbursements.	Transfer charges.	Encumbrances.			Total charges.
			Open market orders outstanding.	Contracts outstanding.	Total.	
<b>Buildings—</b>						
*Armory .....			\$ 530 78	\$38,010 92	\$38,541 70	\$38,541 70
*Chemical laboratory addition.....	\$ 355 15		68 85		68 85	423 50
*Experimental feeding plant.....	77 50	\$322 00	215 30	800 00	1,015 30	1,314 80
*Horticultural glasshouses.....	12,087 55		877 58	5,423 55	6,301 13	18,888 68
*Gymnasium improvement.....	3,763 77		2,097 75	1,908 00	4,005 75	7,769 52
*Heating and lighting plant.....	727 68		1,763 77	429 00	2,192 77	2,920 45
*Library stacks addition.....	127 65					127 65
*Stock pavilion.....	30	286 00		25,377 44	25,377 44	25,663 74
*Woman's building addition.....	953 95					953 95
*Mechanical engineering laboratory.....						
Improvement.....			526 75		526 75	526 75
<b>Physical Plant Equipment—</b>						
*Tunnel extension.....	4,948 04		2,145 13	41,849 20	43,994 33	48,942 37
*Water station equipment.....	1 23		1,063 00		1,063 00	1,064 23
<b>General Equipment—</b>						
Furniture and fixtures.....	425 00		158 63		158 63	583 63
Library.....	1,592 11	65 00	1,607 43		1,607 43	3,264 54
*Vahlen and Aaron library.....	15,515 45		3,500 00		3,500 00	19,015 45
*Lincoln Hall bookcases.....	2,454 20					2,454 20
*Temperature control.....	1,294 85					1,294 85
*Woman's building equipment.....	1,507 84		1,274 79		1,274 79	2,782 63
<b>Working Assets—</b>						
Stores, office supplies.....	5,178 72	9 96	1,877 07		1,877 07	7,065 75
<b>Petty cash—</b>						
Bursar.....	5,000 00					5,000 00
Vice Director, experimental fields.....	600 00					600 00
Actuary, School of Pharmacy.....	250 00					250 00
<b>Administration—</b>						
Board of Trustees.....	2,170 20	5 50	7 00		7 00	2,182 70
President's office.....	5,424 29	63 40	461 50		461 50	5,949 19
Vice-President.....	105 26					105 26
Business office.....	4,656 87	196 89	261 90		261 90	5,115 66
Registrar's office.....	4,405 56	162 65	80 10		80 10	4,648 31
Council of administration.....	38 00		105 40		105 40	143 40
*Treasurer's office expense.....	150 00					150 00
Retiring allowance.....	500 00					500 00
<b>General Departments—</b>						
Library.....	9,683 39	21 84				9,705 23
B'nai B'rith library.....	17 71					17 71
Dean of men.....	988 01	61 00	78 10		78 10	1,127 11
Dean of women.....	215 55		28 00		28 00	243 55
Physical training, men.....	1,586 66		1 00		1 00	1,587 66
Physical training, women.....	877 48		60 50		60 50	937 98
Military.....	662 03	5 00	2 50		2 50	669 53
High school visitor.....	1,211 58	31 19	270 25		270 25	1,513 02
High school contest.....	2 50					2 50
Hospital association.....	50 00					50 00
*Orchestra concerts.....		14 90	15 00	4,600 00	4,615 00	4,629 90
Publications.....	454 26	17 90	42 00		42 00	514 16
Blue printing.....	512 62	1 56	97 46		97 46	611 64
<b>Physical Plant—</b>						
Supervising architect's office.....	4,275 75	35 50	261 15		261 15	4,572 40
Superintendent of buildings.....	807 50	3 82	75 00		75 00	886 32
Superintendent of grounds.....		2 00				2 00
Heating and lighting.....	8,184 86		3,555 11	35,000 00	38,555 11	46,739 97
Water station.....	10 76					10 76
Telephone exchange.....	708 85		1,368 60		1,368 60	2,077 45
Fire protection.....	798 72		71 00		71 00	869 72
Buildings.....	12,571 23		706 02		706 02	13,277 25
Grounds.....	1,805 21		289 75		289 75	2,094 96

\* See also schedule 5.

## SCHEDULE 42—Continued.

	Cash disburse- ments.	Transfer charges.	Encumbrances.			Total charges.
			Open market orders outstand- ing.	Contracts outstand- ing.	Total.	
<b>Liberal Arts and Sciences—</b>						
Administration.....	\$ 2,309 06		\$1,646 36		\$1,646 36	\$ 3,955 42
Scientific artist.....			35 00		35 00	35 00
Art and design.....	959 30	\$ 3 93	40 50		40 50	1,003 73
Astronomy.....	679 02					679 02
Bacteriology.....	618 32					618 32
Bacteriology (Illinois Canners' Association).....	543 40					543 40
Botany.....	2,182 24	21 26	963 66		963 66	3,167 16
Ceramics.....	3,509 97	10 00	780 90		780 90	4,300 87
Chemistry.....	13,529 47	32 06	9,176 06		9,176 06	22,737 59
Classics.....	3,460 62					3,460 62
Education.....	3,660 44	121 68	157 45		157 45	3,939 57
English.....	9,835 69	10 00				9,845 69
Entomology.....	1,554 96		30 95		30 95	1,585 91
Geology.....	2,352 51	4 05	94 60		94 60	2,451 16
German.....	4,246 29	63				4,246 92
History.....	4,394 70	10 50	106 00		106 00	4,511 20
Mathematics.....	6,049 45	6 30				6,055 75
Philosophy.....	1,884 99					1,884 99
Physiology.....	952 91	1 50	587 62		587 62	1,542 03
Political science.....	2,616 63	1 48				2,618 11
Psychology.....	1,440 83		6 00		6 00	1,446 83
Romance languages.....	3,524 70	1 00				3,525 70
Sociology.....	1,098 24					1,098 24
Zoology.....	4,771 40	13 15	2,740 41		2,740 41	7,524 96
Museum of European cul- ture.....		90				90
<b>Agricultural College—</b>						
Administration.....	2,429 81	7 14	304 40		304 40	2,741 35
Press service division.....	119 76	65 19				184 95
Agricultural extension.....	3,404 97	111 15	49 47		49 47	3,565 59
Agronomy.....	12,883 23	127 06	1,731 50		1,731 50	14,741 79
Animal husbandry.....	12,987 98	175 61	5,296 67		5,296 67	18,460 26
Dairy.....	9,432 21	50 00	1,038 67		1,038 67	10,520 88
Creamery.....	7,480 84		90 95		90 95	7,571 79
Horticulture.....	19,046 57	55 42	1,889 57	\$6,284 60	8,174 17	27,276 16
Household science.....	3,924 20	15	155 20		155 20	4,079 55
Cafeteria.....	1,657 53	110 62	1,470 58		1,470 58	3,238 73
Veterinary science.....	645 03					645 03
<b>Agricultural experiment Sta- tion—</b>						
Agronomy.....	25,318 43	5 08	3,433 57		3,433 57	28,757 08
Animal husbandry.....	5,245 39	13 78	2,758 45		2,758 45	8,035 62
Dairy.....	6,269 72	21 25	2,158 98		2,158 98	8,449 95
Floriculture.....	1,613 25		302 33		302 33	1,915 58
Horticulture.....	4,002 90	1 32	1,109 12		1,109 12	5,113 34
<b>Engineering—</b>						
Administration.....	2,229 85	25 00	212 25		212 25	2,467 10
Architecture.....	5,343 07		148 47		148 47	5,491 54
Civil engineering.....	3,905 58	14 20	229 01		229 01	4,148 79
Electrical engineering.....	4,035 11	31 61	80 51		80 51	4,147 23
General engineering drawing.....	1,422 84	10 00	153 49		153 49	1,586 33
Mechanical engineering..	7,646 37	10 00	598 44		598 44	8,254 81
Mechanical engineering, shops.....	2,224 26	77 77	135 30		135 30	2,437 33
Municipal and sanitary engineering.....	423 32		17 00		17 00	440 32
Theoretical and applied mechanics.....	4,328 37	22 00	1,226 50		1,226 50	5,576 87
Mining engineering.....	1,766 75	12 72	86 05		86 05	1,865 52
Physics.....	5,267 10	6 20	813 49		813 49	6,086 79
Railway engineering.....	3,258 74	9 00	14 63		14 63	3,282 37
<b>Engineering Experiment Sta- tion—</b>						
Administration.....	1,335 49	12 67	201 00		201 00	1,549 16
Civil engineering.....			216 00		216 00	216 00
Chemical engineering.....	300 00		60		60	300 60
Electrical engineering.....	344 43	77	107 00		107 00	452 20
Mechanical engineering..	689 23	16	136 59		146 59	825 98
Physics.....	243 45					243 45
Railway engineering.....	663 14	3 90	305 80		305 80	972 84

SCHEDULE 42—*Concluded.*

	Cash disbursements.	Transfer charges.	Encumbrances.			Total charges.
			Open market orders outstanding.	Contracts outstanding.	Total.	
Engineering Experiment Station— <i>Concluded.</i>						
Theoretical and applied mechanics .....	\$ 1,523 78		\$ 67 00		\$ 67 00	\$ 1,590 78
Miscellaneous—						
Accountancy .....	7 35	\$ 3 92				11 27
Graduate school .....	4,094 53	22 77	742 15		742 15	4,859 45
Courses in commerce .....	4,553 29					4,553 29
Medicine .....	14,525 37		7,502 31		7,502 31	22,027 68
Dentistry .....	1,573 24	585 99	11,293 45		11,293 45	13,452 68
Pharmacy .....	6,899 45		623 00	\$4,500 00	5,123 00	12,022 45
Law .....	5,388 25	5 00				5,393 25
Library school .....	1,582 21	6 00	90 45		90 45	1,678 66
Music .....	2,495 48	4 00	38 00		38 00	2,537 48
Rebates to students .....	1,165 75					1,165 75
Summer session .....	14,087 43	2 70	133 00		133 00	14,203 13
Summer library school .....	465 04					465 04
Water survey receipts .....	270 07	101 41	16 25		16 25	387 73
McKinley loan fund .....	500 00					500 00
Snyder loan fund .....	1,500 00					1,500 00
Snyder loan fund interest .....	300 00					300 00
Woman's league loan fund .....	200 00					200 00
Maintenance—						
*Building changes .....	2,224 59		2,697 39		2,697 39	4,921 98
*Building repairs .....	6,956 12		739 57	595 75	1,335 32	8,291 44
Water survey and investigation .....	3,424 76		841 15		841 15	4,265 91
Mechanics' and miners' institutes .....	463 07					463 07
United States Agricultural Experiment Station—						
Adams Fund—						
Administration .....	258 40		212 50		212 50	470 90
Animal husbandry .....	1,380 56		1 70		1 70	1,382 26
Horticulture .....	1,945 02		6 60		6 60	1,951 62
Hatch Fund—						
Administration .....	1,380 00		42 50		42 50	1,422 50
Soil chemistry .....	133 33					133 33
Dairy .....	980 75		88 75		88 75	1,069 50
Horticulture .....	4 00					4 00
Total .....	\$721,984 64	\$3,173 21	\$95,908 72	\$164,778 46	\$260,687 18	\$985,845 03

\* See also schedule 5.

## SCHEDULE 5.

## STATEMENT OF SUNDRY APPROPRIATIONS FOR 1913-1914 AS AT SEPTEMBER 30, 1913.

Appropriation.	Amount.	Cash disbursements.	Transfer charges.	Encumbrances.			Total charges.	Free balance.
				Open market orders outstanding.	Contracts outstanding.	Total.		
	<i>Dollars and cents.</i>	<i>Dollars and cents.</i>	<i>Dol. and cis.</i>	<i>Dollars and cents.</i>	<i>Dollars and cents.</i>	<i>Dollars and cents.</i>	<i>Dollars and cents.</i>	<i>Dollars and cents.</i>
Land and Land Improvement—								
Land .....	283,673 60	283,673 60					283,673 60	
Boiler house drive .....	2,500 00	42 90				42 90	2,457 10	
Campus lighting .....	6,000 00	187 50		2,253 38		2,253 38	2,440 88	3,559 12
Buildings—								
Armory .....	90,000 00			530 78	38,010 92	38,541 70	38,541 70	51,458 30
Chemical laboratory addition .....	250,000 00	355 15		68 35		68 35	423 50	249,576 50

SCHEDULE 5—Concluded.

Appropriation.	Amount.	Cash disbursements.	Transfer charges.	Encumbrances.			Total charges.	Free balance.
				Open market orders outstanding.	Contracts outstanding.	Total.		
	<i>Dollars and cents.</i>	<i>Dollars and cents.</i>	<i>Dol. and cts.</i>	<i>Dollars and cents.</i>	<i>Dollars and cents.</i>	<i>Dollars and cents.</i>	<i>Dollars and cents.</i>	<i>Dollars and cents.</i>
Buildings—Concluded.								
Experimental feeding plant...	10,000 00	77 50	222 00	215 30	800 00	1,015 30	1,314 80	8,685 20
Heating and lighting plant..	49,880 00	727 68	.....	1,763 77	429 00	2,192 77	2,920 45	46,959 55
Horticulture glass houses...	18,000 00	12,087 55	.....	877 58	5,423 55	6,301 13	18,388 68	388 68*
Gymnasium improvements.....	8,000 00	3,763 77	.....	2,097 75	1,908 00	4,005 75	7,769 52	230 48
Library stacks addition.....	27,700 00	127 65	.....	.....	.....	.....	127 65	27,572 35
Mechanical engineering laboratory improvement.....	3,000 00	.....	.....	526 75	.....	526 75	526 75	2,473 25
Stock pavilion.....	30,000 00	30	286 00	.....	25,377 44	25,377 44	25,663 74	4,336 26
Physical plant equipment—								
Tunnel extension.....	50,000 00	4,948 04	.....	2,145 13	41,849 20	43,994 33	48,942 37	1,057 63
Water station equipment.....	1,000 00	1 23	.....	1,063 00	.....	1,063 00	1,064 23	64 23*
General equipment—								
Vahlen and Aaron library..	20,500 00	15,515 45	.....	3,500 00	.....	3,500 00	19,015 45	1,484 55
Lincoln hall bookcases.....	4,830 00	2,454 20	.....	.....	.....	.....	2,454 20	2,375 80
Temperature control.....	8,000 00	1,294 85	.....	.....	.....	.....	1,294 85	6,705 15
General expenses—								
Orchestra concerts.....	5,000 00	.....	14 90	.....	.....	.....	.....	.....
Woman's building equipment.	7,860 00	1,507 84	.....	1,274 79	.....	1,274 79	2,782 63	5,077 37
Administration.....	.....	.....	.....	.....	.....	.....	150 00	450 00
Treasurer's office expense.....	600 00	150 00	.....	15 00	4,600 00	4,615 00	4,629 90	370 10
Maintenance—								
Building changes.....	5,010 00	2,224 59	.....	2,697 39	.....	2,697 39	4,921 98	88 02
Building repairs.....	17,060 00	6,956 12	.....	739 57	595 75	1,335 32	8,291 44	8,768 56
Total.....	898,613 60	336,095 92	522 90	19,768 54	118,993 86	138,762 40	475,381 22	423,232 38

\* Overdraft.

SCHEDULE 6.

CAPITAL FUNDING BALANCE SHEET, SEPTEMBER 30, 1913.

State appropriations.....	\$650,000 00	Appropriations carried forward from 1912-13.....	\$142,551 98
Cash.....	142,551 98	Appropriation for 1913-14—	
Deficit.....	83,673 60	Land.....	283,673 60
		Buildings.....	450,000 00
	<u>\$876,225 58</u>		<u>\$876,225 58</u>

## SCHEDULE 7.

## OPERATION AND MAINTENANCE FUNDING BALANCE SHEET.

United States grants.....	\$ 112,400 00	Appropriations carried forward from 1912-13.....	\$ 104,314 59
State appropriations.....	1,600,000 00	Appropriations to date for 1913-14 .....	1,392,620 83
State Appropriations—		Deficit—Capital funding balance sheet .....	83,673 60
Omnibus Bill .....	36,500 00	Funding surplus .....	656,481 10
Estimated receipts from department sales.....	120,315 00		
Estimated receipts from student fees.....	225,000 00		
Accounts receivable.....	11,814 14		
Cash .....	131,060 98		
	<hr/>		<hr/>
	\$2,237,090 12		\$2,237,090 12

## MINUTES APPROVED.

The minutes of the meetings of August 26, 1913, September 9, 1913, and October 4, 1913, were approved.

The board adjourned.

W. L. ABBOTT, *President*.

C. M. McCONN, *Secretary*.



## **Meeting of January 21, 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 12:30 P.M., on Wednesday, January 21, 1914, pursuant to the following notice which was sent out by the secretary on January 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 the city of Chicago, on Wednesday, January 21, 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 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, Mr. Meeker, Dr. Montgomery, Mr. Trevett. President James was present, and Prof. James M. White, Supervising Architect, was in attendance during a portion of the meeting.

### **MINUTES APPROVED.**

The secretary presented the minutes of the quarterly meeting of December 9, 1913, and the special meeting of December 13, 1913.

After discussion, these minutes were approved in amended form as printed above, pages — 687.

### **USE OF STENOGRAPHER AT BOARD MEETINGS TO BE DISCONTINUED.**

On motion of Mr. Hoit, it was voted that the use of a stenographer at meetings of the Board of Trustees be discontinued after the present meeting.

### **MR. H. E. CUNNINGHAM ELECTED SECRETARY.**

Mr. Hoit presented the recommendation of the special committee appointed under an action of the board taken on October 4, 1913 (page —), to nominate a successor to Mr. C. M. McConn as Secretary of the Board of Trustees, namely, that Mr. McConn's resignation be accepted to take effect at the close of the present meeting, and that Mr. Harrison E. Cunningham, Assistant Registrar, be elected Secretary of the Board of Trustees.

On motion of Mrs. Henrotin, the foregoing recommendation of the special committee was approved, i. e., Mr. McConn's resignation was accepted, and Mr. Cunningham was elected secretary.

### **BUDGET, 1913-1914.**

President James presented the budget of the University for the fiscal year beginning July 1, 1913, and ending June 30, 1914, with the following prefatory statement:

It has been impossible to make up a final budget for the year 1913-14 until it should be quite clear what the outcome was to be of the demand made by the State Auditor upon the Board of Trustees that they should turn over to the State Treasurer the income of the University from tuition fees and other sources.

It seems now that this matter has been settled for the present year at any rate, by leaving in the hands of the University treasurer the receipts of the University from all other sources than State appropriations.

Attention is called to the fact that, aside from current repairs, all expenses for buildings, reconstructions, alterations, etc., including heating and lighting

equipment, in the agricultural buildings, or expenses incurred in altering other buildings for the use of the College of Agriculture, will be charged to agricultural funds.

The form of the budget with reference to the agricultural funds follows the form already approved by the board and included in its main outlines in the bill laid before the last General Assembly.

It will be seen that the grand total of expense authorized for the year amounts to \$3,211,767.54. Of this amount, \$246,866.57 is on account of appropriations dating from the previous biennium; and \$100,500 is offset by estimated income from operation in the College of Agriculture and the Agricultural Experiment Station. This last item represents, of course, the "turnover" in the conduct of experimental departments which have a business side; such, for example, as the income from the dairy route, which is the sum total of money paid in to the Dairy Department from the sales of milk, cheese, butter, etc., used in the ordinary conduct of the teaching and scientific work of the department.

To balance the total expenditures authorized for the year there will be a total income, including the balance from last year, of \$3,029,657.10.

The difference, amounting to \$182,110.44, represents approximately one-half of the expenditure for the purchase of land for the biennium; the balance being charged, as it should be, against the second year of the biennium.

### BUDGET.

#### A. INCOME.

<b>I. Federal Sources—</b>		
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
<b>II. State Appropriations from the Mill Tax Fund—</b>		
6. Operation, maintenance and equipment .....	\$1,600,000 00	
7. Land, buildings and equipment .....	650,000 00	
<b>III. State Appropriations from the General Fund—</b>		
8. Water Survey .....	21,500 00	
9. Miners' and Mechanics' Institutes .....	15,000 00	
Total State appropriations .....		2,286,500 00
<b>IV. Departmental Sales—</b>		
10. Agriculture .....	\$100,500 00	
11. Blue printing .....	1,000 00	
12. Engineering .....	1,880 00	
13. Concerts .....	4,000 00	
14. Miscellaneous .....	3,950 00	
Total departmental sales .....		111,330 00
<b>V. Student Fees—</b>		
15. Urbana departments .....	\$142,000 00	
16. Medicine .....	62,000 00	
17. Dentistry .....	12,500 00	
18. Pharmacy .....	17,500 00	
Total student fees .....		234,000 00
<b>VI. Accounts Receivable—</b>		
19. Miscellaneous .....		11,814 14
<b>VII. Balance July 1, 1913—</b>		
20. Buildings .....	\$142,551 98	
21. Operation .....	104,314 59	
22. Free balance .....	26,746 39	
Total balance .....		273,612 96
Grand total .....		\$3,029,657 10

#### B. EXPENDITURE.

##### ADMINISTRATIVE DEPARTMENTS.

##### Office of the President.

1. Salaries .....	\$19,650 00
2. Expense .....	3,500 00

Total, President's Office .....

\$23,150 00

##### Office of the Vice-President.

1. Salary of the vice-president (as vice-president*) .....	1,000 00
--	----------

\* Total salary of the Vice-President \$7,000, the remaining \$6,000 being appropriated under "Graduate School," as the salary of the Dean of that School.

**Office of the Registrar.**

1. Salaries .....		\$12,123 24
2. Expense—		
Postage .....	\$ 750 00	
Printing .....	1,200 00	
Printographing .....	100 00	
Office supplies .....	700 00	
Telegraph and telephone .....	25 00	
Express and freight .....	45 00	
Labor .....	1,400 00	
Weekly Calendar .....	175 00	
Total, expense .....		4,395 00
Total Registrar's Office .....		\$16,518 24

**Office of the Comptroller.**

1. Salaries .....		\$17,526 45
2. Expense—		
Furniture .....	\$ 600 00	
Extra assistance in audit .....	1,350 00	
Postage .....	600 00	
Printing .....	1,400 00	
Supplies .....	400 00	
Telegraph and telephone .....	20 00	
Freight and express .....	30 00	
Traveling expenses .....	500 00	
Total, expense .....		4,900 00
Total, Comptroller's Office .....		22,426 45

**Office of the Dean of Men.**

1. Salaries (not counting salary of the Dean, \$6,000*) .....		\$3,280 00
2. Expense—		
Incidental expenses .....	\$4,200 00	
Facts for Freshmen .....	400 00	
Supervising rooming houses .....	250 00	
Total, expense .....		4,850 00
Total, Dean of Men .....		8,130 00

**Office of the Dean of Women.**

1. Salaries .....		\$1,200 00
2. Expense .....		500 00
Total, Dean of Women .....		1,700 00

**Office of the High School Visitor.**

1. Salaries .....		\$4,150 00
2. Expense—		
a. Traveling and office expense .....	\$1,900 00	
b. High School Conference .....	1,500 00	
Total, expense .....		3,400 00
Total, High School Visitor .....		7,550 00
Total, administrative departments .....		\$80,474 69

**COLLEGE OF LIBERAL ARTS AND SCIENCES.**

1. Salaries—		
(1) Dean's office .....	\$ 8,690 00	
(2) Art and design .....	6,750 00	
(3) Astronomy .....	5,200 00	
(4) Bacteriology .....	5,500 00	
(5) Botany .....	14,800 00	
(6) Ceramics .....	7,437 50	
(7) Chemistry .....	52,920 00	
(8) Classics .....	15,000 00	
(9) Education .....	17,550 00	
(10) English .....	58,437 03	
(11) Entomology .....	8,300 00	
(12) Geology .....	11,600 00	
(13) Germanic languages .....	23,050 00	
(14) History .....	21,750 00	
(15) Mathematics .....	32,750 00	
(16) Philosophy .....	9,100 00	

\* The Dean of Men being also Professor of Rhetoric, his salary is included under the department of English.

**COLLEGE OF LIBERAL ARTS AND SCIENCES—CONCLUDED.****1. Salaries—Concluded.**

(17) Physiology .....	\$4,100 00
(18) Political science .....	10,350 00
(19) Psychology .....	7,250 00
(20) Romance languages .....	13,143 33
(21) Sociology .....	5,000 00
(22) Zoölogy .....	22,250 00

Total, salaries ..... \$365,927 86

**2. Expense—**

(1) Dean's office .....	\$ 1,500 00
(2) Art and design .....	800 00
(3) Astronomy .....	1,500 00
(4) Bacteriology .....	2,100 00
(5) Botany .....	5,700 00
(6) Ceramics .....	8,036 00
(7) Chemistry .....	28,000 00
(8) Classics .....	300 00
(9) Education .....	2,650 00
(10) English .....	2,000 00
(11) Entomology .....	1,500 00
(12) Geology .....	1,800 00
(13) Germanics languages .....	400 00
(14) History .....	300 00
(15) Mathematics .....	700 00
(16) Philosophy .....	200 00
(17) Physiology .....	1,550 00
(18) Political science .....	200 00
(19) Psychology .....	1,500 00
(20) Sociology .....	300 00
(21) Zoölogy .....	6,875 00

Total, expense ..... 67,971 00

Total, College of Liberal Arts and Sciences (not including commerce) ..... \$433,898 86

**COURSES IN COMMERCE.**

1. Salaries ..... \$24,100 00

**2. Supplementary salaries—**

a. Lecturer in law .....	\$250 00
b. Stenographer .....	900 00
c. Reading-room attendant .....	350 00

Total, supplementary salaries ..... 1,500 00

**3. Expense—**

a. Special lectures .....	\$2,000 00
b. Binding and periodical expense .....	1,200 00
c. Printing .....	250 00
d. Student assistance .....	200 00
e. Office and traveling expense .....	450 00
f. Library, apparatus, maps, equipment .....	5,000 00
g. Reserve .....	2,800 00

Total, expense ..... 11,900 00

Total, Courses in Commerce ..... \$37,500 00

**COLLEGE OF ENGINEERING AND ENGINEERING EXPERIMENT STATION.****1. Salaries—**

a. College .....	\$194,242 00
b. Station .....	19,900 00

Total, salaries ..... \$214,142 00

**2. Expense—****a. College—**

(1) General office .....	\$ 4,500 00
(2) Architecture .....	3,500 00
(3) Civil engineering .....	1,500 00
(4) Electrical engineering .....	5,500 00
(5) Engineering drawing .....	1,000 00
(6) Mechanical engineering .....	12,500 00
(7) Mining engineering .....	6,000 00
(8) Physics .....	6,000 00
(9) Railway engineering .....	4,000 00
(10) Theoretical and applied me- chanics .....	5,500 00
(11) Shops .....	3,500 00

Total, expense, college..... 53,500 00

# COLLEGE OF ENGINEERING AND ENGINEERING EXPERIMENT STATION— CONCLUDED.

## 2. Expenses—Concluded.

### b. Station—

(1) General office, including fel- lowships .....	\$11,100 00
(2) Chemistry .....	800 00
(3) Civil engineering .....	500 00
(4) Electrical engineering .....	1,000 00
(5) Mechanical engineering .....	1,000 00
(6) Railway engineering .....	3,500 00
(7) Theoretical and applied me- chanics .....	2,200 00
Total, expense, Station.....	\$20,000 00

Total, College of Engineering and Engi-  
neering Experiment Station ..... \$287,742 00

## COLLEGE OF AGRICULTURE.

### 1. Administration and general.

#### (a) College Funds—

##### (1) Salaries—

Dean and Director*.	\$4,000 00
Secretary to Dean...	900 00
Edi. of press bulletins	2,300 00

##### (2) Maintenance—

General .....	6,840 00
Press service .....	1,200 00

Total from College funds.. \$15,240 00

#### (b) Hatch Fund—

##### (1) Salaries—

Director* .....	2,000 00
Assistant Secretary, Agricultural Exper- iment Station.....	1,200 00

##### (2) Maintenance—

General .....	1,300 00
Botany investigation (Burrill) .....	3,500 00

Total from Hatch fund... 8,000 00

#### (c) Adams Fund: Statistics of Heredity—

##### (1) Salaries—

Statistician .....	\$1,200 00
Assistants .....	300 00

##### (2) Maintenance .....

	500 00
--	--------

Total from Adams fund ..... 2,000 00

Total, administration and general..... 25,240 00

### 2. Agricultural extension.

College funds ..... 20,000 00

### 3. Agronomy.

#### (a) College Funds—

##### Salaries and Maintenance—

General .....	\$38,300 00
Farm mechanics .....	12,500 00

Total from College funds..... \$ 50,800 00

#### (b) Station Funds—

Crop investigations .....	\$18,500 00
Soil investigations .....	96,000 00

Total from Station funds..... 114,500 00

#### (c) Hatch Fund—

Salaries and maintenance ..... 2,500 00

Total agronomy ..... 167,800 00

### 4. Animal husbandry.

#### (a) College Funds—

##### Salaries and maintenance

(general) .....	\$55,200 00
Animal pathology .....	6,000 00

Total from College fund..... \$61,200 00

\* Total salary of Dean and Director, \$6,000.

## COLLEGE OF AGRICULTURE—CONCLUDED.

## 4. Animal husbandry—Concluded.

(b) State Station Funds—		
Live stock investigations .....	\$31,000 00	
(c) Adams Fund—		
Nutrition and breeding .....	8,500 00	
(d) Equipment Fund—		
Beef cattle .....	2,000 00	
Horses .....	2,500 00	
Sheep .....	1,000 00	
Swine .....	1,000 00	
Total from equipment fund.....	6,500 00	
Total, animal husbandry.....		107,200 00

## 5. Dairy husbandry.

(a) College Funds—		
Salaries and maintenance (general)...	\$31,100 00	
(b) State Station Fund—		
Dairy investigations .....	21,000 00	
(c) Hatch Fund—		
Salaries and maintenance .....	4,500 00	
(d) Equipment Fund—		
Dairy cattle .....	2,250 00	
Total, dairy husbandry.....		58,850 00

## 6. Horticulture.

(a) College Funds—		
Salaries and maintenance (general)....	\$56,600 00	
(b) State Station Fund—		
Horticultural investigations..	\$21,000 00	
Floricultural investigations..	8,000 00	
Total from Station funds.....	29,000 00	
(c) Adams Fund—		
Plant breeding .....	4,500 00	
Total, horticulture.....		90,100 00

## 7. Household science.

(a) College Funds—		
Salaries and maintenance...	\$25,000 00	
Special appropriation.....	1,000 00	
Total, household science.....		26,000 00

## 8. Veterinary science.

(a) College Funds—		
Salaries and maintenance.....	2,800 00	

## 9. Buildings.

Buildings .....	95,750 00	
-----------------	-----------	--

## 10. Departmental sales, additional expense from income of.

General .....	\$ 500 00	
Agronomy .....	12,000 00	
Animal husbandry .....	18,000 00	
Dairy husbandry .....	58,000 00	
Horticulture .....	2,000 00	
Household science .....	10,000 00	
Total, expense from income of sales.....		100,500 00
Total, College of Agriculture and Agricultural Experiment Station .....		\$694,240 00

## Recapitulation by Departments—College of Agriculture.

1. Administration and general .....	\$ 25,240 00	
2. Agricultural extension .....	20,000 00	
3. Agronomy .....	167,800 00	
4. Animal husbandry .....	107,200 00	
5. Dairy husbandry .....	58,850 00	
6. Horticulture .....	90,100 00	
7. Household science .....	26,000 00	
8. Veterinary science .....	2,800 00	
9. Buildings .....	95,750 00	
10. Departmental sales, expense from income of.....	100,500 00	
Total .....		\$694,240 00

**COLLEGE OF LAW.**

1. Salaries .....		\$22,832 69
2. Expense—		
a. Purchase of law books.....	\$5,000 00	
b. Printing, postage, etc.....	2,000 00	
c. Special lectures .....	800 00	
d. Expense of criminal institute.....	500 00	
Total, expense .....		8,300 00
Total, College of Law.....		\$31,132 69

**MEDICINE AND DENTISTRY.**

1. Salaries—		
(a) General .....	\$11,000 00	
(b) Medicine .....	37,000 00	
(c) Dentistry .....	11,000 00	
Total, salaries .....		\$59,000 00
2. Repairs, reconstructions, alterations, etc.....		30,000 00
3. Equipment, furniture, apparatus, etc.—		
(a) General—		
Medical .....	5,000 00	
Dental .....	7,000 00	
(b) Expense, departments .....	50,000 00	
4. Heat and light .....	9,000 00	
5. Laboratory stores .....	8,000 00	
6. Interest on mortgages and bonds.....	13,708 07	
7. Payment on principal .....	10,000 00	
8. Incidentals and expenses .....	8,000 00	
Total, Medicine and Dentistry.....		\$199,708 07

**GRADUATE SCHOOL.**

1. Scholarships and fellowships.....	\$20,000 00	
2. Current research .....	5,000 00	
3. Special library equipment for current research.....	3,500 00	
4. Crockerland Expedition .....	5,000 00	
5. University Studies .....	2,500 00	
6. Journal of English and Germanic Philology.....	750 00	
7. Illinois Survey .....	4,000 00	
8. Incidentals .....	1,000 00	
9. Additional clerical help .....	400 00	
10. Salaries—		
(a) Dean* .....	\$6,000 00	
(b) Research assistant.....	600 00	
(c) Clerk and stenographer.....	1,000 00	
Total, salaries .....		7,600 00
Total, Graduate School.....		\$49,750 00

**SCHOOL OF MUSIC.**

1. Salaries .....	\$18,100 00	
2. Incidental fund .....	1,500 00	
3. Part-time stenographer .....	360 00	
Total, School of Music.....		\$19,960 00

**UNIVERSITY LIBRARY AND LIBRARY SCHOOL.**

1. University Library—		
a. Salaries and wages.....	\$55,397 00	
b. Expense—		
Library supplies and in-		
cidental .....	\$2,400 00	
Printing catalog cards.....	1,400 00	
Publications .....	250 00	
Moving books.....	350 00	
Cataloging Vahlen and		
Aron libraries.....	3,000 00	
Cataloging Grober		
Library .....	225 00	
Furniture and equip-		
ment .....	1,200 00	
Total, expense.....		8,825 00
Total, University Library.....		\$64,222 00

\* See footnote page 576.

**UNIVERSITY LIBRARY AND LIBRARY SCHOOL—CONCLUDED.**

2. Library School—		
a. Salaries .....	\$6,675 00	
b. Expense—		
Incidentals and supplies, in-		
cluding summer session.....	1,080 00	
Total, Library School.....	\$7,755 00	
3. Purchase of books .....	75,000 00	
Total, Library and Library School.....		\$146,977 00

**SCHOOL OF PHARMACY.**

1. Salaries .....		\$11,100 00
2. Expense—		
a. Apparatus .....	\$1,100 00	
b. Laboratory supplies .....	1,200 00	
c. Library .....	300 00	
d. Advertising .....	1,000 00	
e. Printing and postage.....	300 00	
f. Repairs .....	200 00	
g. Rent .....	6,000 00	
h. Light .....	425 00	
i. Water .....	15 00	
j. Telephone .....	70 00	
k. Laboratory refunds .....	260 00	
l. Special assessments .....	100 00	
m. Furniture and fixtures.....	200 00	
n. Refund of tuition.....	275 00	
o. Incidentals .....	600 00	
p. Extra help .....	25 00	
Total, expense .....		12,070 00
3. Special supplementary appropriation, De-		
cember, 1913—		
a. Apparatus .....	\$100 00	
b. Laboratory supplies .....	400 00	
c. Printing and postage .....	100 00	
d. Repairs .....	100 00	
e. Laboratory refunds .....	100 00	
f. Furniture and fixtures.....	100 00	
g. Incidentals .....	350 00	
h. Petty cash fund.....	250 00	
Total, special appropriation.....		1,500 00
Total, School of Pharmacy.....		\$24,670 00

**DEPARTMENT OF PHYSICAL TRAINING FOR MEN.**

1. Salaries .....	\$11,370 00	
2. Lockers and incidentals.....	1,500 00	
Total, Physical Training for Men.....		\$12,870 00

**DEPARTMENT OF PHYSICAL TRAINING FOR WOMEN.**

1. Salaries .....	\$5,250 00	
2. Expense .....	600 00	
Total, Physical Training for Women.....		\$5,850 00

**MILITARY DEPARTMENT.**

1. Salaries .....	\$2,000 00	
2. Expense .....	1,000 00	
Total, Military Department.....		\$3,000 00

**WATER SURVEY.**

1. Salaries .....	\$22,403 08	
2. Expense—		
Traveling expenses of Director, etc..	\$4,000 00	
Telegraphing, telephoning, expressage,		
postage, etc. ....	4,500 00	
Total, expense .....	8,500 00	
3. Miscellaneous .....	2,518 25	
Total, Water Survey .....		\$33,421 33



## MINERS' AND MECHANICS' INSTITUTES.

1. Salaries .....	\$ 5,000 00	
2. Expense .....	10,000 00	
Total, Miners' and Mechanics' Institutes.....		\$15,000 00

## MISCELLANEOUS.

1. Experiment in acoustics .....	\$ 500 00	
2. Saltpetre investigation .....	4,000 00	
3. Board of Trustees .....	5,000 00	
4. Directory of matriculants .....	2,000 00	
5. Printing and mailing catalogs, circulars, letters, etc.	12,000 00	
6. Summer Session .....	15,000 00	
7. Lectures .....	5,000 00	
8. High School Oratorical Contest.....	400 00	
9. Public School Drawing Exhibit.....	50 00	
10. Alumni Quarterly .....	1,000 00	
11. Band and military scholarships.....	2,000 00	
12. University fellowships .....	2,400 00	
13. News bulletin .....	1,000 00	
14. Incidentals and emergency fund.....	20,000 00	
15. Cabinets and collections.....	15,000 00	
16. Organ .....	15,000 00	
17. Photography—		
a. Salaries .....	\$3,000 00	
b. Expense .....	2,500 00	
Total, photography .....	5,500 00	
18. Concerts .....	5,000 00	
19. Convocations, commencement exercises, etc.....	1,000 00	
20. Retiring allowance .....	500 00	
21. Y. M. C. A. handbook .....	250 00	
22. Freshmen advisers .....	1,800 00	
23. Research work for Cannery Association.....	1,500 00	
Total, miscellaneous .....		\$115,900 00

OFFICE OF THE SUPERVISING ARCHITECT AND OPERATION OF  
PHYSICAL PLANT.

1. Operating expense, including heating, lighting, care of grounds, operation and maintenance of buildings, etc.	\$134,300 00	
2. Service Plant, Extension of—		
a. Tunnel extension .....	\$52,000 00	
b. Heating and lighting plant.....	15,000 00	
c. Electric conduit .....	2,500 00	
d. Fire protection .....	2,100 00	
e. Water station .....	2,400 00	
f. Telephone exchange .....	2,700 00	
Total, service plant extension.....	76,700 00	
3. Grounds, Improvement of—		
a. Campus lighting .....	\$6,000 00	
b. Pavements and walks .....	3,000 00	
Total, grounds improvement.....	9,000 00	
4. Furniture and Fixtures—		
a. Woman's Building equipment.....	\$9,000 00	
b. Lincoln Hall bookcases.....	5,050 00	
c. General .....	4,000 00	
Total, furniture and fixtures.....	18,050 00	
5. Building Extension—		
a. Armory, including ends, grading, and floor .....	\$85,000 00	
b. Chemical Laboratory .....	40,000 00	
c. Library addition .....	10,000 00	
d. Engineering College buildings re-inforced .....	4,500 00	
e. Remodeling the Gymnasium.....	11,800 00	
f. Temperature control .....	1,300 00	
g. Small observatory .....	2,000 00	
h. Insectary .....	5,000 00	
i. Repair of boat.....	1,000 00	
Total, building extension.....	160,600 00	
Total, Supervising Architect and operation of physical plant.....		\$398,650 00

**LAND**

1. Disbursements .....	\$341,156 33
2. Obligations authorized .....	33,000 00
Total, land .....	\$374,156 33

**EXPENDITURES ON ACCOUNT OF BALANCE AT END OF 1912-13.**

1. Buildings .....	\$142,551 98
2. Operations .....	104,314 59
Total, expenditures on account of balance.....	\$246,866 57
Grand total expense budget.....	\$3,211,767 54

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

**SCHOOL OF EDUCATION BUILDING: PLANS APPROVED.**

Prof. J. M. White, the Supervising Architect, presented the plans for a building for the School of Education, to be erected on the property recently purchased east of Trinity Church, at an estimated cost of one hundred twenty thousand dollars (\$120,000); with the statement that these plans were approved by Dr. W. C. Bagley, Director of the School of Education, and by his colleagues in the Department of Education.

On the recommendation of President James and on motion of Mr. Meeker, it was voted to refer these plans to the Committee on Buildings and Grounds and the Superintendent of Public Instruction, with power to act, and with authority to transmit the plans when approved to the State Architect with the request that he present for the consideration of the board at as early a date as possible the working plans and specifications necessary for the letting of the contract. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Meeker, Mr. Montgomery, Mr. Trevett; noes, none; absent, Mr. Dunne, Mr. Moore, Miss Watson.

**ADDITION TO THE COMMERCE BUILDING: PLANS APPROVED.**

Professor White presented also plans for the addition to the Commerce Building, to be erected on Wright Street, in a location parallel to that of the present Commerce Building, at an estimated cost of one hundred twenty thousand dollars (\$120,000), and to be used in the beginning as an administration building.

On the recommendation of President James and on motion of Dr. Montgomery, it was voted that these plans be approved, and that the Supervising Architect be directed to transmit them to the State Architect with the request that he present for the consideration of the board, at as early a date as possible, the working plans and specifications necessary for the letting of the contract. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Meeker, Mr. Montgomery, Mr. Trevett; noes, none; absent, Mr. Dunne, Mr. Moore, Miss Watson.

**CERAMICS AND ENGINEERING BUILDING: REPORT OF PROGRESS.**

Professor White made a report of progress on the plans for a building to be erected as a part of the new engineering group to house the Department of Ceramics and also for the present certain departments of the College of Engineering, with the expectation that these engineering departments will be moved into buildings of their own as the Department of Ceramics grows and needs the remainder of the building.

**WOMEN'S RESIDENCE HALL: SITE DISCUSSED.**

President James called attention to the fact that the board had as yet taken no action on the recommendation which the Finance Committee presented at the meeting of October 4, 1913, that lots 23, 24 and 25 on the south

side of Nevada Street in Urbana be purchased as a site for the proposed Women's Residence Hall.

After discussion, it was voted, on motion of Dr. Montgomery, that the Finance Committee be requested to consider other possible sites and to present a further recommendation at the next meeting of the board.

#### SITE FOR NEW LIBRARY BUILDING: REPORT OF PROGRESS.

President James called attention also to the fact that the board had not as yet decided upon a location for the proposed new Library Building.

Mrs. Busey, as Chairman of the Committee on Library, to which this matter has been referred, made an informal report of progress in regard to it. No action was taken.

At this point Mr. Meeker and Dr. Montgomery withdrew.

#### SCHOOL OF PHARMACY LEASE RENEWED.

President James called attention to the need for immediate action upon the request from Prof. W. B. Day, Acting Dean of the School of Pharmacy, that the comptroller be authorized to renew the present lease for the quarters occupied by the School of Pharmacy on the same terms for one year from May 1, 1914, and to secure, if possible, an option for a further renewal of this lease for one year from May 1, 1915; this request having been presented at the meeting of December 13, 1913, and having been referred to the Committee on the College of Medicine and the School of Pharmacy for consideration and report.

On the recommendation of President James and on motion of Superintendent Blair, it was voted to approve this request, i. e., to authorize the comptroller to renew the lease as specified above. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Trevett; noes, none; absent, Mr. Dunne, Mr. Meeker, Mr. Montgomery, Mr. Moore, Miss Watson.

#### CONTRACT FOR COMPLETION OF ENDS OF NEW ARMORY.

Professor White presented the bids received on the completion of the ends of the new Armory, and a recommendation in regard to the award of the contract as follows:

##### BIDS.

##### Options.

A. Completion of the entire work covered under the general contract in accordance with plans and specifications (plastering to be coat work) by June 1, 1914. Contract to include a bonus and forfeiture clause in the sum of fifty dollars (\$50) per day from June 1, 1914.				
B. Add to "A" for use of cement gun on all plastering.				
C. Completion of the entire work covered under the general contract in accordance with plans and specifications (plastering to be coat work) by July 1, 1914. Contract to include a bonus and forfeiture clause in the sum of fifty dollars (\$50) per day from July 1, 1914.				
D. Add to "C" for use of cement gun on all plastering.				
E. Completion of the entire work covered under the general contract in accordance with plans and specifications (plastering to be coat work) by September 1, 1914. Contract to contain no bonus or forfeiture clause.				
F. Add to "E" for use of cement gun on all plastering.				
G. Deduct for omission of concrete floor and drain lines therefor.				
Option.	English Bros.	Freeman & Brooks.	Shields.	Stoolman.
A	\$43,960 00	\$55,694 00	\$40,548 00	.....
B	1,800 00	.....	1,532 00	.....
C	42,400 00	54,201 00	38,550 00	.....
D	1,800 00	.....	1,532 00	.....
E	42,400 00	52,707 00	37,844 00	\$39,369 00
F	1,800 00	.....	1,532 00	.....
G	5,400 00	7,583 00	6,335 00	6,600 00

English Brothers add: "If tile is used for overhanging according to Sheldon Brick Company's drawings on file in architect's office, add \$2,500."

Shields adds: "H. Design as per Mr. Huckins, add \$720."

## THE SUPERVISING ARCHITECT'S RECOMMENDATION.

January 21, 1914.

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

DEAR SIR: Bids were received January 10, 1914, for the completion of the permanent ends of the Armory in accordance with the design prepared by Mr. W. C. Zimmerman, former State Architect. The design was approved by the Board of Trustees of the University before Mr. Zimmerman retired from office.

The bids received were opened in the presence of the bidders, and the bids and certified checks are in the hands of the secretary of the board.

I recommend that the contract be awarded to Mr. N. H. Shields, who is the low bidder, on the basis of completion September 1, and on the basis of bid E minus G and plus H, making the contract price \$32,229, and that the option be reserved of accepting bids F and G if the trustees shall at a later date so direct.

With these added, the contract would be \$40,096.

Yours truly,

JAMES M. WHITE,

*Supervising Architect.*

EXPLANATION.—On the basis of the contract recommended Mr. Shields is \$540 lower than the next low man, though if compared on the same basis he is \$1,260 low. For completion July 1, add \$706. For completion June 1, add \$2,704. If bid F is accepted, Mr. Shields' bid will be at least \$1,525 low, as he is \$265 low on G.

J. M. W.

On the recommendation of President James and on motion of Mr. Hoit, it was voted to approve the recommendation of the supervising architect as stated above. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Trevett; noes, none; absent, Mr. Dunne, Mr. Meeker, Mr. Montgomery, Mr. Moore, Miss Watson.

## SMALL OBSERVATORY: PLANS APPROVED.

Professor White submitted plans for a small observatory to house the reflecting telescope which was purchased last year, to be erected at an estimated cost of two thousand dollars (\$2,000).

On the recommendation of President James and on motion of Mrs. Evans, it was voted that the sum of two thousand dollars (\$2,000) be appropriated for the erection of this building, that the plans submitted by the Supervising Architect be approved, and that he be authorized to proceed with its erection. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Trevett; noes, none; absent, Mr. Dunne, Mr. Meeker, Mr. Montgomery, Mr. Moore, Miss Watson.

## STATEMENT OF ENDOWMENT FUND.

President James presented a report from Prof. George E. Frazer, Comptroller, on the subject of the Endowment Fund of the University.

This report was ordered printed in the minutes:

January 15, 1914.

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

DEAR SIR: On November 5, 1913, I addressed a letter to the State Auditor of Public Accounts, asking him for a statement of the endowment fund of the University of Illinois. In reply to my letter, the State Auditor furnished such a statement under date of November 11, 1913. This statement of the State Auditor was carefully checked by Mr. Lynn E. Knorr, Assistant Comptroller, both in the business office of the University and in the office of the State Auditor. Mr. Knorr discovered that a remittance of sixty dollars made by the business office of the University on January 2, 1913, had not been credited by the State Auditor on his books. I accordingly addressed a letter on January 13, 1914, to the State Auditor, calling his attention to the discrepancy. The State Auditor replied under date of January 14, acknowledging the error and confirming the accuracy of the statement made by the business office. I enclose copies of all of this correspondence herewith, inasmuch as it gives an accurate statement of the endowment fund of the University.

You will note from the correspondence that my office and the office of the State Auditor are closely cooperating in the statement of public accounts affecting the University.

Very truly yours,

GEORGE E. FRAZER, *Comptroller.*

*Mr. Frazer, Comptroller, to Mr. Brady, State Auditor.*

November 5, 1913.

*Honorable James J. Brady, Auditor of Public Accounts, State House, Springfield, Ill.*

DEAR SIR: I will be glad to have a statement from your office of the amount of the liability of the State of Illinois (as assumed by the Act of 1897) on account

of the endowment fund of the University. I would like to know the present amount of this endowment fund liability, and I would like also to know how this amount was arrived at. I would also be glad to know the method used by your office in figuring interest on the endowment fund. In estimating our income for the present year, it is necessary for me to know the exact amount of revenue that the University may expect under the appropriation "Interest on Endowment Fund." I will very much appreciate an early answer to this inquiry.

Very truly yours,

GEORGE E. FRAZER, *Comptroller.*

*Mr. Brady, State Auditor, to Mr. Frazer, Comptroller.*

November 11, 1913.

*Mr. George E. Frazer, Comptroller, University of Illinois, Urbana, Ill.*

DEAR SIR: Reply to your favor of the 5th has been delayed owing to our having no stenographer available during the past week. I am enclosing you a statement showing the account of the endowment fund of the University of Illinois, amounting to \$648,322.91 on January 31, 1913. There is also due interest at 5 per cent, this being the rate allowed for the semi-annual period ending June 30.

As soon as funds are available, this interest will be paid you and not added to the endowment fund.

Yours very truly,

JAMES J. BRADY,  
*Auditor of Public Accounts.*

#### STATE AUDITOR'S STATEMENT OF ENDOWMENT FUND.

1897, June 11—To amount of endowment fund of University of Illinois charged to the State by the provisions of section 2 of "An Act to make appropriations for the University of Illinois, and providing for the management of the funds of said University and for the protecting the interests of the State in connection therewith." Approved June 11, 1897, and on the amount of said endowment fund the State by the provision of said Act is to pay 5 per cent per annum .....	\$456,712 91
1897, July 3—To amount received from sale of lands of the University charged to State as a part of endowment fund by the provisions of the above named Act..	1,800 00
1898, Jan. 6—To	1,763 34
" Jan. 29—	390 00
" Feb. 28—	150 00
" June 17—	902 60
" Aug. 26—	560 00
" Nov. 9—	500 00
1899, Jan. 20—	2,206 32
" Feb. 10—	3,129 60
" Mar. 13—	1,849 05
" Mar. 31—	2,532 00
" July 7—	2,943 67
" Sept. 30—	5,739 15
" Nov. 16—	4,975 45
1900, Jan. 4—	5,042 04
" Feb. 1—	4,296 00
" Mar. 31—	690 00
" May 11—	2,003 35
" June 28—	3,801 75
" Dec. 29—	7,987 00
1901, Jan. 5—	7,886 84
" Jan. 31—	3,180 00
" Feb. 27—	5,812 15
" Mar. 8—	2,550 00
" Apr. 1—	3,255 24
" Apr. 9—	3,820 00
" May 11—	4,598 80
" June 19—	6,962 17
" July 11—	7,000 00
" Oct. 17—	2,723 65
" Oct. 30—	3,900 00
" Dec. 31—	9,332 00
1902, Jan. 7—	11,155 00
" Jan. 17—	5,664 00
" Feb. 15—	1,050 00
" Feb. 21—	1,500 00
" June 24—	1,660 00
" Sept. 20—	900 00
" Nov. 5—	1,200 00
1900, Oct. 31—	3,465 90
" Nov. 30—	3,444 80
1903, Jan.. 5—	3,411 00
" Jan. 19—	4,937 00
" Jan. 30—	2,060 00
" Mar. 28—	1,638 00
" June 30—To error in amount charged received October 30, 1901	75

STATE AUDITOR'S STATEMENT OF ENDOWMENT FUND—*Concluded.*

1904, Jan. 5—	To amount recd. from sale of University lands.....	\$1,249 00
" Jan. 30—	" " "	3,795 00
" June 29—	" " "	150 00
" Nov. 25—	" " "	1,400 00
1905, Jan. 5—	Amount received on land contracts.....	2,060 00
" Feb. 16—	" " "	1,229 00
" Apr. 7—	" " "	800 00
" Sept. 11—	" " "	200 00
" Oct. 13—	" " "	1,500 00
" Dec. 1—	" " "	1,040 00
1906, Jan. 16—	To amount recd. from S. W. Shattuck, land contracts	5,080 00
" Jan. 29—	" " "	2,184 00
" Mar. 5—	" " "	1,712 50
" June 6—	" " "	1,200 00
1907, Jan. 4—	" " "	1,562 00
" Feb. 28—	" " "	753 50
" Apr. 17—	" " "	100 00
1908, Jan. 4—	" " "	816 00
" Feb. 28—	" " "	1,620 00
1909, Jan. 5—	" " "	1,668 00
" Jan. 28—	" " "	1,936 00
" May 2—	" " "	90 00
" Dec. 27—	To amount received from First Nat. Bank of Chicago, proceeds of sale of bonds by Metropolitan Nat. Bank belonging to U. of I. endowment fund.....	921 38
1910, Jan. 4—	From Shattuck, amount received on land contracts...	1,960 00
1911, Jan. 9—	To amount received from S. W. Shattuck.....	210 00
1912, Jan. 12—	To amount received .....	60 00
		<hr/>
		\$648,322 91

*Mr. Frazer, Comptroller, to Mr. Brady, State Auditor.*

*Honorable James J. Brady, State Auditor of Public Accounts, Springfield, Ill.*

*Attention of Mr. John K. Seagrave.*

DEAR SIR: I note that your statement of the endowment fund of the University, contained in your letter of November 11, 1913, gives the amount of this fund as \$648,322.91, on January 31, 1913. This statement does not include a remittance of \$60 to the State Treasurer on December 31, 1912. I presume, therefore, that the statement was as of January 1, 1913, rather than as of January 31, 1913.

It would seem that a statement of the endowment fund as of January 1, 1914, may be made as follows:

Reported January 1, 1913.....	\$648,322 91
Remitted January 2, 1913.....	60 00
Remitted December 13, 1913.....	60 00

Total ..... \$648,442 91

There are at the present time two land contracts in force. Contract No. 174 is due January 1, 1916. The amount of principal to be paid before that date is \$120. Contract No. 214 is due January 1, 1915, the amount of principal to be paid being \$450. This would make the total and final amount of the endowment fund of the University \$649,012.91 on January 1, 1916.

Trusting that this statement agrees with your statement of the endowment fund, and that this letter contains the information you desire, I remain,

Very truly yours,

GEORGE E. FRAZER, *Comptroller.*

*Mr. Brady, State Auditor, to Mr. Frazer, Comptroller.*

January 14, 1914.

*Mr. George E. Frazer, Comptroller, University of Illinois, Urbana, Ill.*

DEAR SIR: Replying to your favor of the 13th, I beg to advise that investigation shows that the previous administration failed to credit the endowment fund with the sum of \$60 which was received on January 2, 1913.

This amount plus the remittance on December 13, of \$60, makes the endowment fund as you state \$648,442.91.

Thanking you very much for your information in regard to the other assets of the endowment fund, of which I have made due note in this office, I am,

Yours very truly,

JAMES J. BRADY,  
*Auditor of Public Accounts.*

# A GRANITE BOULDER TO MARK THE GRAVE OF DR. GREGORY.

President James presented a recommendation from Prof. James M. White, Supervising Architect, that a granite boulder which was taken from

the excavation made in preparing for the foundations of Lincoln Hall be used to mark the grave of Dr. John Milton Gregory, the first regent of the University, on the University campus, and that a bronze tablet with a suitable inscription be placed upon the boulder; this recommendation being submitted in response to a request for a suggestion with reference to a simple and appropriate method of marking this grave (see page 132).

On motion of Mr. Trevett, this recommendation of the supervising architect's was approved.

### STORE HOUSE TO BE ERECTED.

At the request of President James, Professor White presented plans for a University Storehouse, to consist of a one-story structure, 30 feet by 180 feet, with a concrete floor and corrugated iron sides, to be erected, at an estimated cost of two thousand dollars (\$2,000), at some convenient point east of Goodwin Avenue on the land recently acquired by the University.

On motion of Mrs. Henrotin, it was voted to appropriate the sum of two thousand dollars (\$2,000) for this purpose, and to authorize the supervising architect to erect a storehouse in accordance with the plans submitted.

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

At this point Dr. Montgomery rejoined the meeting.

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

President James presented the following matters for consideration:

#### SUMMER SESSION—ADMISSION, SALARIES, ETC.

(1) The following recommendations from the Committee (of the faculty) on the summer session, with reference to the summer session of 1914:

1. That the summer session extend through a period of eight weeks, as heretofore.

2. That admission to the summer session courses for which University credit is granted be limited to students who could be regularly admitted into the College of the University in which they would be registered in the winter session, and to special students who are at least twenty-one years of age.

3. That courses may also be offered, as circumstances may make feasible or necessary, which do not carry University credit, but to which teachers who cannot meet the above conditions may be admitted.

4. That the following schedule of salaries for the summer session be adopted:

Professors .....	\$500 00
Associate professors .....	400 00
Assistant professors .....	300 00
Associates .....	250 00
Instructors .....	225 00
Assistants .....	\$150 00 to 200 00

5. That graduate work for the summer session receive special emphasis in the departments of the University that are particularly concerned in preparing secondary school teachers and public school supervisors, principals, and superintendents.

6. That the sum of \$25,000 be appropriated for the support of the coming summer session and be made a part of the budget for the coming year, 1914-15.

On the recommendation of President James and on motion of Superintendent Blair, the foregoing recommendations from the Committee on the Summer Session were approved. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Trevett; noes, none; absent, Mr. Dunne, Mr. Meeker, Mr. Moore, Miss Watson.

#### THE PRESIDENT AUTHORIZED TO VISIT ALUMNI ASSOCIATIONS.

(2) A statement that the President of the University is in receipt of constant requests from the various alumni associations of the University in different cities to attend the annual meetings of these organizations, that the only feasible method of responding to these requests in any systematic way would be to set apart a certain period during the academic year when such meetings are held to be given to this particular work, and that such trips covering the circuit of the alumni

associations have become a regular feature of university administration in other institutions; with a request for instructions from the board in regard to this matter.

On motion of Superintendent Blair, it was voted that the President of the University be authorized to attend such meetings of alumni associations, at the expense of the University. Mrs. Busey asked to be recorded as voting no.

#### RESOLUTIONS OF THE ILLINI CLUB OF CHICAGO IN COMMEMORATION OF PRESIDENT JAMES' TEN YEARS OF SERVICE.

At this point President Abbott presented a set of resolutions passed at the annual meeting of the Illini Club of Chicago, on Tuesday, January 20, 1914.

On motion of Mrs. Henrotin, it was voted that these resolutions be printed in the minutes of the board:

#### RESOLUTIONS PASSED AT THE ANNUAL MEETING OF THE ILLINI CLUB, TUESDAY, JANUARY 20, 1914.

WHEREAS, The presentation of the detailed expense budget of the University, at the quarterly meeting of the Board of Trustees to be held tomorrow, will mark the completion of the financial side of the tenth year of the administration of Edmund J. James as President of the University of Illinois; and

WHEREAS, During his decade of service the University has made wonderful progress in equipment, faculty, reputation for scholarship, number of students, multiplication of departments, and the number and solidarity of student interests and activities; and

WHEREAS, The financial condition of the University has been made more stable than ever before by the law setting aside for University revenue a tax of one mill on the dollar of assessed property in the State—a law whose passage was mainly due to the persistence with which it was urged by President James; now, therefore, be it

*Resolved*, By the Illini Club, that we hereby tender our hearty congratulations to the President of the University, Dr. Edmund J. James, on the successful and happy completion of ten years of service, marked by so great a degree of prosperity and success; and be it further

*Resolved*, That we look forward with confidence to the continued success and progress of the University under the administration of President James, and trust that at the end of another decade it shall be our pleasant privilege to congratulate him again on a still higher and wider development; and be it further

*Resolved*, That we commend the wisdom of the trustees in extending their continued confidence to the president and his administration; and be it further

*Resolved*, That a copy of these resolutions be sent to the Board of Trustees through the president of the same, with the request that they be entered in the minutes of the board.

GEORGE R. CARR,  
*President, Illini Club.*

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

#### LEAVE OF ABSENCE FOR PROF. M. H. ROBINSON.

(3) A request from Dr. Maurice H. Robinson, Professor of Industry and Transportation, for leave of absence, on half salary, for the academic year 1914-15, for the purpose of study in Europe.

On the recommendation of President James and on motion of Mrs. Evans, it was voted to grant this request.

#### REFUND OF FEES TO CANDIDATES FOR THE PROFESSIONAL ENGINEERING DEGREE.

(4) A recommendation from Dr. David Kinley, Vice-President and Dean of the Graduate School, that the following regulations be made with reference to the refund of fees to candidates for the professional degree in engineering who withdraw from such candidacy:

If a candidate for a professional engineering degree in the Graduate School desires to withdraw his application for the degree at any time within the current semester in which he has made application, the entire fee shall be returned to him, and he shall cease to be a candidate for the degree and his name shall be stricken from the list.

If any candidate requests that his name be withdrawn and his fee returned within a period later than one semester after registration, one-half the fee shall be returned to him, and the rest shall be held by the University.



If at any time within the five-year period within which a candidate under the rules is at liberty to resume his candidacy an applicant who has withdrawn after paying his fee notifies the University of his desire to be again enrolled, he shall be required to repay the amount previously returned to him in order that he may be in good standing.

On the recommendation of President James and on motion of Superintendent Blair, the foregoing regulations were approved.

#### AMENDMENT OF RULE 13a.

(5) The following recommendation from the Council of Administration with reference to the amendment of the rule in regard to the fee for changes in study-lists to limit the charge to be made on any one occasion:

November 5, 1913.

*Dr. Edmund J. James, President.*

DEAR MR. PRESIDENT: The Council of Administration at its meeting of November 4, 1913, voted to recommend to the Board of Trustees that rule 13a of the Regulations for the Guidance of Undergraduate Students be amended by the addition of the following words: "Provided that the total charge for the rearrangement authorized on any one change slip shall not exceed \$2."

The rule as thus amended would read as follows:

"Changes in study lists must be completed and filed at the business office not later than 5:00 P.M. of the 10th day of classwork as scheduled, or a fee of \$1 will be charged for each change; provided that the total charge for the rearrangement authorized on any one change slip shall not exceed \$2."

Yours very truly,

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

On the recommendation of President James and on motion of Mrs. Henrotin, this recommendation from the Council of Administration was approved.

#### PROPOSED CONTRIBUTION TOWARD THE ROTHAMSTED COMMEMORATION LABORATORY.

(6) A recommendation from Dr. Eugene Davenport, Dean of the College of Agriculture and Director of the Agricultural Experiment Station, that the University contribute the sum of five hundred dollars (\$500), to be taken from receipts under the Hatch fund, toward the erection of a Commemoration Laboratory at the Rothamsted Experiment Station, Rothamsted, England.

The consideration of this recommendation was postponed until the next meeting of the board.

#### CONTRIBUTION TO THE "MISSISSIPPI VALLEY HISTORICAL REVIEW."

(7) A request from Professor Clarence W. Alvord, of the Department of History, that the University contribute the sum of one hundred dollars (\$100) for three years, toward the support of the Mississippi Valley Historical Review, a new historical magazine of which he is to be the editor; this request being endorsed by Professor Evarts B. Greene, Head of the Department of History, and Dr. Kendrick C. Babcock, Dean of the College of Liberal Arts and Sciences.

On the recommendation of President James and on motion of Superintendent Blair, it was voted that the sum of one hundred dollars (\$100) be appropriated as a contribution, for the fiscal year beginning July 1, 1914, toward the expenses of the *Mississippi Valley Historical Review*. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Trevett; noes, none; absent, Mr. Dunne, Mr. Meeker, Mr. Moore, Miss Watson.

#### ADDITION TO THE BOILER HOUSE; BIDS AUTHORIZED.

At the request of President James, Professor White submitted plans for the addition to the boiler-house.

On motion of Mrs. Busey, it was voted that these plans be approved, and that the supervising architect be instructed to call for bids on the basis of these plans.

#### ADDITION TO THE LIBRARY STACK: BIDS AUTHORIZED.

Professor White submitted also the working plans and specifications for an addition to the Library stack of the present Library Building, to be erected at an estimated cost of thirty-three thousand dollars (\$33,000).

On motion of Mrs. Evans, it was voted that these plans be approved, and that the supervising architect be authorized to call for bids on the basis of these plans.

President James then resumed his presentation of matters for the consideration of the board.

#### CHARTER OF THE COLLEGE OF PHYSICIANS AND SURGEONS OF CHICAGO TO BE CANCELLED.

(8) A recommendation that the legal counsel of the University be directed to take such steps as may be necessary to cancel the charter of the College of Physicians and Surgeons of Chicago.

On motion of Dr. Montgomery, it was voted to approve this recommendation.

#### APPOINTMENT TO BOARD OF EXAMINERS IN ACCOUNTANCY.

(9) A recommendation from the University Committee on Accountancy, that Mr. Arthur Young, C.P.A., of the firm of Arthur Young and Company, of Chicago, be appointed a member of the Board of Examiners in Accountancy, for a term ending June 30, 1916, to succeed Mr. John Alexander Cooper, whose term of office has expired.

On the recommendation of President James and on motion of Superintendent Blair, this appointment was made as recommended.

#### LABORATORY FEE IN DAIRY HUSBANDRY II.

(10) A recommendation from the Council of Administration that a laboratory fee of \$4 be established for the course in dairy bacteriology, Dairy Husbandry 11.

On motion of Mr. Hoit, this recommendation from the Council of Administration was approved.

#### CONTRACT FOR ORGAN.

(11) A recommendation from a committee appointed to consider the purchase of an organ to be placed in the University Auditorium, that the order for the construction of the organ be placed with the firm of Casavant Brothers, of South Haven, Mich.

On the recommendation of President James and on motion of Superintendent Blair, it was voted that the comptroller be authorized to let the contract for the construction of the organ to Casavant Brothers.

At this point Mr. Trevett withdrew.

#### AUTHORITY FOR BOOK ORDER.

(12) A request from Mr. P. L. Windsor, Librarian, that he be given authority to order books for the University Library, on account of the budget for the year 1914-15, to the amount of fifteen thousand dollars (\$15,000); this request being made because in the case of books which are more or less rare it sometimes is several months after an order is given before they can be obtained, and unless authority is given to order such books in advance it is impossible to have them on hand for use at the time when they are needed by the various departments.

On the recommendation of President James, it was voted to approve the foregoing request from the Librarian. The vote was as follows: Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery; noes, none; absent, Mr. Dunne, Mr. Meeker, Mr. Moore, Mr. Trevett, Miss Watson.

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

The secretary presented for record the following report of appointments made by the President of the University, under the authority of the Board of Trustees:

Anders, P., Assistant in Glassblowing in the Department of Chemistry, at a salary of one hundred dollars (\$100) a month, beginning when he shall report for service, and continuing until June 30, 1914. (December 27, 1913.)\*

Exton, Edna M., Temporary Clerk in the Loan Department of the Library, at a salary of thirty-five dollars (\$35) a month, beginning January 1, 1914, and continuing until further notice. (December 19, 1913.)

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

Feldkamp, Amelia, Clerk in the Dairy Department, at a salary of fifty dollars (\$50) a month, beginning January 1, 1914, and continuing until further notice; this appointment superseding her previous appointment at forty dollars (\$40) a month. (January 2, 1914.)

Fréchet, M., Professor of Mathematics, for the academic year 1914-15, at a salary of three thousand dollars (\$3,000) for the year, subject to the terms of a letter addressed to Professor Fréchet by President James under date of November 20, 1913. (December 22, 1913.)

Giehler, F. J., Assistant in Military Science, for the academic year 1913-14, at a salary of one hundred dollars (\$100) for the year, payable at the rate of twenty dollars (\$20) a month for the five months beginning February 1, 1914. (January 14, 1914.)

Little, Roger F., Lecturer on Business Law, for the second semester of the academic year 1913-14, at a salary of two hundred fifty dollars (\$250) for the semester. (January 19, 1914.)

Luther, Cornelia Maria, Stenographer in the Library, for eight and one-half months, beginning December 15, 1913, at a salary of forty dollars (\$40) a month. (January 17, 1914.)

Phelps, Vergil Vivian, Executive Clerk in the President's Office, at a salary of eighteen hundred dollars (\$1,800) per annum, beginning January 1, 1914, and continuing until further notice, vice J. H. Kelley, resigned. (January 2, 1914.)

Pillsbury, Warren H., Instructor in Law, beginning January 15, 1914, and continuing until June 30, 1914, at a salary of eleven hundred dollars (\$1,100) for the period specified; this appointment superseding his previous appointment beginning February 1, 1914, at one thousand (\$1,000). (January 16, 1914.)

Randall, Frank M., Laboratory Helper in Physiology and Keeper of the Animal Room in the College of Medicine, at a salary of fifty dollars (\$50) a month, beginning as soon as he shall report for service, and continuing until further notice. (January 19, 1914.)

Rich, P. C., Assistant in Military Science, for the academic year 1913-14, at a salary of one hundred dollars (\$100) for the year, payable at the rate of twenty dollars (\$20) a month for the five months beginning February 1, 1914. (January 14, 1914.)

Storey, Russell M., Assistant in Political Science, on half time, beginning February 1, 1914, and continuing until June 30, 1914, at a salary of five hundred dollars (\$500) for the time specified. (January 17, 1914.)

Velzy, C. R., Assistant in Military Science, for the academic year 1913-14, at a salary of one hundred dollars (\$100) for the year, payable at the rate of twenty dollars (\$20) a month for the five months beginning February 1, 1914. (January 14, 1914.)

### REPORT OF THE COMPTROLLER.

The secretary presented the report of Prof. George E. Frazer, Comptroller, for the quarter ending December 31, 1913.

This report was received for record:

January 19, 1914.

*Honorable W. L. Abbott, President, Board of Trustees, University of Illinois.*

DEAR SIR: I have the honor to hand you herewith the quarterly report of the business office for the three months ending December 31, 1913. Included in this report you will find schedules of cash receipts and disbursements, of expenditures from State appropriations, and charges against all departments and accounts as at December 31, 1913. You will find complete reconciliations of accounts of the business office with those of the State Auditor and the University treasurer in Schedules 5 and 6. In Schedule 7 is given a statement of amounts collected by the State Treasurer on the mill tax fund for the twelve months ending December 31, 1913.

Under separate covers, as a part of this report, are also presented lists of warrants drawn against the University treasurer and of vouchers certified to the State Auditor.

Respectfully submitted,

GEO. E. FRAZER, *Comptroller.*

### SCHEDULE 1.

#### CASH SUMMARY, DECEMBER 31, 1913.

General—

UNIVERSITY TREASURER.		
Balance July 1, 1913 .....	\$277,851 19	
Receipts, Schedule 2 .....	210,851 77	
Total .....	\$488,702 96	
Disbursements, Schedule 4 .....	283,322 21	
Balance December 31, 1913 .....		\$205,380 75
U. S. Agricultural Experiment Station—		
Balance July 1, 1913 .....	\$ 1,140 77	
Receipts, Schedule 2 .....	15,030 00	
Total .....	\$16,170 77	
Disbursements, Schedule 4 .....	14,940 93	
Balance December 31, 1913 .....		1,229 84

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

SCHEDULE 1—*Concluded.*

## Medicine—

Balance July 1, 1913 .....	*\$ 1,034 04
Receipts, Schedule 2 .....	45,992 93
Total .....	\$44,958 89
Disbursements, Schedule 4 .....	20,085 69

Balance December 31, 1913 ..... \$24,873 20

## Pharmacy—

Balance July 1, 1913 .....	* \$ 2,166 87
Receipts, Schedule 2 .....	18,473 39
Total .....	\$20,640 26
Disbursements, Schedule 4 .....	2,640 77

Balance December 31, 1913 ..... 17,999 49

Total treasurer's balance, December 31, 1913..... \$249,483 28

Bursar .....	5,000 00
Secretary, College of Medicine .....	300 00
Actuary, School of Pharmacy .....	250 00
Vice-Director, Agricultural Experiment Station .....	600 00

Total cash balance December 31, 1913 ..... \$255,633 28

\* Overdraft.

## SCHEDULE 2.

## CASH RECEIPTS FOR THE QUARTER ENDING DECEMBER 31, 1913.

	Previously reported.	Month ending—			Total receipts.
		October 31, 1913.	November 30, 1913.	December 31, 1913.	
General—					
Accountancy .....	\$ 13 55	\$ 27 25		\$ 65 45	\$ 106 25
Agricultural college—					
Administrative .....	17 20				17 20
Press service .....	53 00	53 60	\$ 53 66	57 60	217 86
Agronomy .....	63 06	217 80	15 55	2 31	298 72
Agronomy, experiment station .....	3,676 85	567 36	871 67	2,102 83	7,218 71
<i>Alumni Record</i> .....	312 69	94 50	46 50	80 60	534 29
Animal husbandry .....	501 31	694 14	328 66	1,434 85	2,958 96
Animal husbandry, experiment station .....	6,501 07	505 52	52 86	494 94	7,553 69
Armory .....	234 94				234 94
Blue printing .....	368 44		39 44	107 17	515 05
Buildings .....	75 19	12 00	27 64	15 60	130 43
Business office .....	1 77				1 77
Cafeteria .....	1,712 69	1,152 07	1,072 96	822 02	4,759 74
Ceramics .....	3 00		75	5 25	9 00
Chemistry .....	16 75				16 75
Civil engineering .....	77 65	8 25			85 90
Dairy husbandry .....	14,549 72	3,707 88	3,617 30	3,184 12	25,059 02
Dairy husbandry experiment station .....	1,126 82	640 29	575 67	645 06	2,987 84
Dean of men .....				45 44	45 44
Electrical engineering .....		30 25	5 00	14 75	50 00
Engineering experiment station .....	80 00	21 63	27 10	24 67	153 40
Heat and light .....	197 60		144 35	372 29	714 24
History .....				11 84	11 84
Horticulture .....	475 93	221 06			696 99
Horticulture, experiment station .....	178 48	77 13			255 61
Household science .....	27 25			14 85	42 10
Interest on land contracts .....				12 60	12 60
Liberal arts and sciences, administrative .....	3 08				3 08
Library .....	3 10	14 75	1 20		19 05
Mechanical engineering .....	118 00			126 90	244 90
Morrill fund .....		25,000 00			25,000 00
Nelson fund .....		25,000 00			25,000 00
Orchestra concerts .....	624 00	1,624 00	1,453 75	79 50	3,781 25
<i>Philology, Journal of</i> .....	158 15			139 30	297 45
Railway engineering .....				7 50	7 50
Railway engineering experiment station .....				9 80	9 80
Registrar's office .....	8 25				8 25
Rent, armory .....			60 00		60 00

## SCHEDULE 2—Concluded.

	Previously reported.	Month ending—			Total receipts.
		October 31, 1913.	November 30, 1913.	December 31, 1913.	
<b>General—Concluded.</b>					
Rent, houses.....	\$ 140 00	\$ 60 00	\$180 50	\$208 50	\$ 589 00
State treasurer.....		20,000 00			20,000 00
Student associations.....	1 75	1 75	1 50	1 50	6 50
Supervising architect's office.....	9 60	100 64	30 00		140 24
Theoretic and applied mechanics.....	443 70			12 00	455 70
Tunnel extension.....	15 93			17 88	33 81
University Studies.....	13 21	1 34		11 18	25 73
Water survey.....	56 00	83 42	39 62		179 04
Woman's building.....				17 89	17 89
Zoölogy.....	1 11				1 11
<b>Fee Collections—</b>					
General and laboratory.....	68,871 50	3,669 00	449 75	774 25	73,764 50
Lockers.....	1,528 50	523 00	150 00	22 50	2,224 00
<b>Trust Funds—</b>					
B'nai B'rith.....		100 00		15 00	115 00
Hospital association.....	256 00	100 00	18 00	3 00	377 00
McDowell memorial fund.....				4 57	4 57
McKinley fund, interest.....	187 04	29 57	38 55	38 24	293 40
McKinley fund, principal.....	140 00	50 00	30 00	187 50	407 50
Snyder fund, interest.....	191 10	101 02	18 76	22 69	333 57
Snyder fund, principal.....	1,173 75	224 00	195 14	332 00	1,924 89
Towel fund.....	100 00	323 75	308 00		731 75
Wilson lectureship fund.....		100 00			100 00
Woman's league fund.....		6 95			6 95
Totals.....	\$104,308 73	\$85,143 92	\$9,853 88	\$11,545 24	\$201,851 77
<b>U. S. Agricultural Experiment Station—</b>					
Adams fund.....	\$3,750 00	\$3,750 00			\$7,500 00
Hatch fund.....	3,750 00	3,750 00			7,500 00
Adams fund receipts.....				\$30 00	30 00
Totals.....	\$7,500 00	\$7,500 00		\$30 00	\$15,030 00
<b>College of Medicine—</b>					
<b>Dentistry—</b>					
General fees.....	\$170 00	\$4,244 00	\$1,563 00	\$525 00	\$6,502 00
Interest.....	13 50	25 00			38 50
Infirmary.....			127 00		127 00
Infirmary clinic.....			183 45	239 00	472 45
Rebates.....				7 00	7 00
Totals.....	\$183 50	\$4,269 00	\$1,873 45	\$821 00	\$7,146 95
<b>Medicine—</b>					
Advertising.....			\$ 235 17		\$ 235 17
Dispensary.....	\$ 171 75	\$ 50 85	47 45	\$ 40 55	310 60
Embalming.....		10 00			10 00
<b>Fees—</b>					
General and laboratory.....	6,783 95	28,814 45	1,591 00	518 55	37,707 95
Lockers.....		250 00		28 50	278 50
Interest on bonds.....	264 00				264 00
Rebates.....	30 00				30 00
West Side hospital.....	9 76				9 76
Totals.....	\$7,259 46	\$29,125 30	\$1,873 62	\$587 60	\$38,845 98
College of Medicine totals.....	\$7,442 96	\$33,394 30	\$3,747 07	\$1,408 60	\$45,992 93
<b>School of Pharmacy—</b>					
Fees.....	\$15,383 39	\$1,390 00	\$317 00	\$1,283 00	\$18,373 39
General.....	100 00				100 00
Totals.....	\$15,483 39	\$1,390 00	\$317 00	\$1,283 00	\$18,473 39
<b>Summary—</b>					
General.....	\$104,308 73	\$85,143 92	\$9,853 88	\$11,545 24	\$210,851 77
U. S. Agricultural Experiment Station.....	7,500 00	7,500 00		30 00	15,030 00
College of Medicine.....	7,442 96	33,394 30	3,747 07	1,408 60	45,992 93
School of Pharmacy.....	15,483 39	1,390 00	317 00	1,283 00	18,473 39
Totals.....	\$134,735 08	\$127,428 22	\$13,917 95	\$14,266 84	\$290,348 09

## SCHEDULE 3.

STATEMENT OF BALANCES IN STATE APPROPRIATIONS FOR 1913-1914 AS AT DECEMBER 31, 1913.

Appropriation.	Amount.	Disbursements Schedule 4	Balance.
Operation, maintenance and equipment.....	\$1,600,000 00	\$869,039 28	\$730,960 72
Building, land and equipment.....	650,000 00	508,493 87	141,506 13
Water survey and investigation .....	21,500 00	10,314 66	11,185 34
Mechanics' and miners' institutes .....	15,000 00	947 02	14,052 98
Total.....	\$2,286,500 00	\$1,388,794 83	\$897,705 17

## SCHEDULE 4.

RECONCILEMENT OF WARRANT REGISTERS WITH DISBURSEMENT LEDGERS AS AT  
DECEMBER 31, 1913.

University Treasurer—			
Warrant Register—			
General .....	\$283,322 21		
U. S. Agricultural Experiment Station .....	14,940 93		
Medicine .....	20,085 69		
Pharmacy .....	2,640 77		
			\$ 320,989 60
State Auditor—			
Operation, maintenance and equipment .....	\$869,039 30		
Buildings, land, and equipment .....	508,493 87		
Water survey and investigation .....	10,314 66		
Mechanics' and miners' institutes.....	947 02		
			1,388,794 85
			<u>\$1,709,784 45</u>
Disbursement Ledgers—			
Disbursements from appropriations brought forward from 1912-13,			
as per Schedule 41 .....	\$ 180,875 16		
Disbursements on account of 1913-14, as per Schedule 42.....	1,528,909 29		
			<u>\$1,709,784 45</u>

## SCHEDULE 41.

STATEMENT OF APPROPRIATIONS BROUGHT FORWARD FROM 1912-1913, AS AT DECEMBER 31, 1913.

	Balance July 1, 1913.	Disbursements July 1, to December 31.	Cash balance.	Encumbrances.		Free balance.
				Open market orders outstand- ing.	Total.	
Current Appropriations—						
Literature and Arts, College of.....	\$ 74 10	\$ 74 10				
Science, College of .....	7 85	7 85				
State Appropriations—						
Agricultural college.....	15,278 43	15,278 43				
Animal husbandry building.....	70,941 39	70,941 39				
Apparatus and Appliances—						
Astronomy.....	492 96	492 96				
Museum .....	321 84	321 84				
Psychology.....	14	14				
Armory .....	21,981 65	21,981 65				
Cabinets .....	159 90	159 90				
Ceramics .....	851 33	851 33				
Clinic building.....	5,000 00		\$5,000 00			\$5,000 00
Cold storage .....	9,000 00		9,000 00			9,000 00
Commerce building.....	10,024 75	6,773 90	3,250 85	\$1,012 90	\$1,012 90	2,237.95
Crop experiments.....	2,517 88	2,517 88				
Drains, fences and repairs.....	2,162 26	2,162 26				
Engineering building and grounds.....	4,727 54	4,727 54				

SCHEDULE 41—*Concluded*,

	Balance July 1, 1913.	Disburse- ments July 1, to December 31.	Cash balance.	Encumbrances.		Free balance.
				Open market orders outstand- ing.	Total.	
State Appropriations— <i>Concluded</i> .						
Engineering extension and maintenance.....	\$ 7,865 11	\$ 7,865 11				
Glass house.....	328 95	328 95				
Graduate school.....	12,709 51	12,709 51				
Household science.....	2,363 94	437 17	\$ 1,926 77	\$2 81 27	\$ 281 27	\$1,645 50
Law building.....	3,588 24	3,316 63	271 61	122 25	122 25	149 36
Law school.....	3,052 43	3,052 43				
Library.....	1,842 56	1,842 56				
Live stock specimens.....	807 48	807 48				
Mines investigation.....	8 33	8 33				
Mining engineering.....	3,097 77	3,097 77				
Operating expense.....	4,867 10	4,867 10				
Pavements and walks.....	168 30	168 30				
Social and political science..	4,055 89	1,454 93	2,600 96	250 00	250 00	2,350 96
Soil maps.....	29,743 42	2,689 91	27,053 51	6,809 14	6,809 15	20,244 36
Telephone exchange.....	292 47	292 47				
University Hall.....	450 80	450 80				
Water investigation.....	943 76	943 76				
Water survey.....	2,918 38	2,918 38				
Woman's building addition..	7,332 40	7,332 40				
Totals.....	\$229,978 86	\$180,875 16	\$49,103 70	\$8,475 57	\$8,475 57	\$40,628 13

SCHEDULE 42.

DISBURSEMENTS ON ACCOUNTS FOR 1913-1914, JULY 1, TO DECEMBER 31, 1913.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Encumbrances.					Total charges.	Appropriation balances.
				Open market orders outstanding.	Library orders outstanding.	Repair orders outstanding.	Contracts outstanding.	Total.		
Land and Land Improvements—										
Land.....	\$ 367,673 60	\$ 361,156 33							\$ 361,156 33	\$ 6,517 27
Boiler house drive.....	2,500 00	42 90		\$ 140 00				\$ 140 00	182 90	2,317 10
Campus extention.....		962 36							962 36	
Campus lighting.....	6,000 00	3,961 33	\$ 1 35	82 37			\$ 2,500 00	2,582 37	6,545 05	*545 05
Pavements and walks.....		1,776 31	9 54	42 35				42 35	1,828 20	
Buildings—										
Armory.....	90,508 00	31,029 61	5 50	1,290 08			14,103 30	15,393 38	46,428 49	44,079 51
Ceramics building.....	65,000 00									65,000 00
Chemical laboratory addition.....	250,000 00	432 42	7 90						440 32	249,559 68
Commerce building addition.....	125,000 00	3 32	35						3 67	124,996 33
Dairy farm house.....	4,500 00	39 90							39 90	4,460 10
Education building.....	120,000 00									120,000 00
Feeding plant.....	10,000 00	1,034 39	222 00	52 00				52 00	1,308 39	8,691 61
Gymnasium improvements.....	8,000 00	9,231 73	5 90	91 15			92 00	183 15	9,420 78	*1,420 78
Heating and lighting plant.....	44,880 00	3,951 88	6 00	1,287 30			1,262 00	2,549 30	6,507 18	39,372 82
Horticultural field laboratory.....	30,000 00									30,000 00
Horticultural glass house and service building.....	18,000 00	27,286 00	5 10	599 15			887 53	1,486 68	28,777 78	*10,777 78
Library stacks addition.....	27,700 00	143 78							143 78	27,556 22
Mechanics English laboratory extension.....	26,000 00									26,000 00
Natural history laboratory addition.....	65,000 00									65,000 00
Railway electrical laboratory.....	25,000 00									25,000 00
Stock judging pavilion.....	30,000 00	7,035 06	310 00	1,167 25			20,827 00	21,994 25	29,339 31	660 69
Transportation building.....	33,000 00	2,854 45		53 20				53 20	2,907 65	30,092 35
Wing for concrete work.....	16,000 00									16,000 00
Women's residence hall.....	100,000 00									100,000 00
Woman's building addition.....		1,002 25							1,002 25	
Zoological and botanical laboratory.....	50,000 00									50,000 00
Physical Plant Equipment—										
Electrical conduit.....	5,000 00	28 75		1,423 00				1,423 00	1,451 75	3,548 25
Tunnel extension.....	50,000 00	43,487 47	5 04	208 64			8,312 00	8,520 64	52,013 15	*2,013 15
General Equipment—										
Furniture and fixtures.....	350 00	2,242 62		1,488 23		\$ 86 00		1,574 23	3,816 85	
Lincoln hall bookcases.....	4,830 00	4,663 80							4,663 80	166 20
Temperature control.....	8,000 00	1,294 85							1,294 85	6,705 15

1914]

PROCEEDINGS OF THE BOARD OF TRUSTEES.

711



SCHEDULE 42—Continued.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Encumbrances.					Total charges.	Appropriation balances.
				Open market orders outstanding.	Library orders outstanding.	Repair orders outstanding.	Contracts outstanding.	Total.		
<b>General Equipment—Concluded.</b>										
Vacuum cleaners.....	\$ 3,050 00									\$ 3,050 00
Woman's building equipment.....	7,860 00	\$ 6,194 10	\$ 1 50	\$ 148 76				\$ 1,849 36	\$ 8,044 96	*184 96
Library additions.....	50,000 00	8,908 40	65 00		\$ 8,076 75		\$ 1,700 60	8,076 75	17,050 15	32,949 85
Vahlen and Aron libraries.....	20,500 00	15,515 45		3,820 24				3,820 24	19,335 69	1,164 31
B'nai B'rith library.....	199 61	29 00			51 91			51 91	80 91	118 70
Pipe organ.....	15,000 00	127 40							127 40	14,872 60
Plant collection.....	500 00									500 00
University printery.....	15,000 00									15,000 00
Photographic equipment.....	1,500 00			321 14	1 20			322 34	322 34	1,177 66
<b>Working Assets—</b>										
Office supply stores.....	3,725 75	6,016 53	12 59	1,593 78				1,593 78	7,622 90	
Postage stores.....	4,541 01	5,590 16							5,590 16	
Petty cash.....	6,150 00	5,850 00							5,850 00	
University salaries.....	1,060,535 46	483,574 81							483,574 81	582,960 55
<b>Physical Plant Operation—</b>										
Supervising architect's office.....		819 46	173 19	41 70				41 70	1,034 35	
Superintendent of buildings, office.....		1,588 32	27 33	87 00				87 00	1,702 65	
Superintendent of grounds, office.....			2 00						2 00	
Heating and lighting.....		29,828 31	4 71	1,695 98			26,883 19	28,579 17	58,412 19	
Buildings.....		28,640 20	33 75	1,005 62		\$142 00		1,147 62	29,821 57	
Grounds.....		4,885 82	6 50	658 70		5 00		663 70	5,556 02	
Water station.....	1,000 00	1,611 99		952 80				952 80	2,564 79	
Telephone exchange.....		1,828 81		571 20				571 20	2,400 01	
Fire protection.....		1,898 37		1 50				1 50	1,899 87	
<b>Physical Plant Maintenance—</b>										
Building changes.....	5,010 00	3,325 50		391 02			122 00	513 02	3,838 52	1,171 48
Building repairs.....	17,060 00	10,322 03	89 65	741 69		78 00	453 75	1,273 44	11,685 12	5,374 88
Nutrition laboratory.....	5,800 00	2,059 17		1,154 50				1,154 50	3,213 67	2,586 33
<b>Administration—</b>										
Board of trustees.....		3,530 34	5 50	2 50					2 50	3,538 34
President's office.....		1,372 56	774 83	227 25	1 25			228 50	2,375 89	
Vice President.....		194 73							194 73	
Business office.....	420 00	2,411 64	588 45	273 50		2 50		276 00	3,276 09	
Registrar's office.....		2,581 46	424 48	296 15				296 15	3,302 09	
Council of administration.....		181 60		140 40				140 40	322 00	
Legal counsel.....		116 95	5 00						121 95	

Treasurer's report.....	600 00	300 00						300 00	300 00
Retiring allowance.....	500 00	500 00						500 00	
General Department Expenses—									
Library.....	4,800 00	4,163 19	268 07	808 43	60 00		868 43	5,299 69	
Dean of men.....	300 00	1,930 99	176 85	20 00			20 00	2,127 84	
Dean of women.....		113 44	13 45	23 00			23 00	149 89	
Physical training, men.....		1,051 60	14 29	131 50			131 50	1,197 39	
Physical training, women.....		249 30	20 20	24 25			24 25	293 75	
Military.....	243 75	1,008 99	47 63	329 59	87 00		416 59	1,472 21	
High school visitor.....		531 41	114 14	253 25			253 25	898 80	
High school conference.....		755 40						755 40	
High school contest.....		32 47	13 69	10 00			10 00	56 16	
Hospital association.....	574 56	457 25						457 25	117 31
Orchestra concerts.....	5,000 00	2,652 57	14 90	90 00		2,200 00	2,290 00	4,957 47	42 53
Convocations.....	1,000 00	39 50	13					39 63	960 37
Sunday evening addresses.....	1,000 00								1,000 00
University publications.....		345 84	23 11					368 95	
Registrar and comptroller's report.....				1,500 00			1,500 00	1,500 00	
<i>Alumni Quarterly</i> .....		500 00						500 00	
<i>Alumni Record</i> .....		53 68						53 68	
<i>Annual Register</i> .....		22 51		4,000 00			4,000 00	4,022 51	
<i>Directory of Matriculants</i> .....	6,500 00	473 26	509 68	25 00			25 00	1,007 94	5,492 06
<i>Y. M. C. A. Handbook</i> .....	250 00								250 00
Faculty directory.....		137 00						137 00	
Examination books.....		189 78						189 78	
Printing Lincoln hall dedication addresses.....	850 00								850 00
<i>Journal of Philology</i> .....		59 62	41 02	14 75			14 75	115 39	
<i>Economic Geology</i> .....		12 00						12 00	
Commencement expense.....		1 56						1 56	
Receptions and social functions.....		136 20	11 00					147 20	
Lectures.....		519 10						519 10	
Printograph.....	231 97	209 87	3 80	16 00			16 00	229 67	
Blue printing.....	927 74	1,446 10	32 35	126 79			126 79	1,605 24	
Rebates to students.....		4,913 87						4,913 87	
Liberal Arts and Sciences—									
Administration.....		796 51	48 97	10 00			10 00	855 48	
Scientific artist.....		51 50	1 36					52 86	
Freshman advisers.....	1,800 00								1,800 00
Art and design.....		160 05	15 83	139 00	10 00		149 00	324 88	
Astronomy.....	100 00	49 80	5 12	19 80	3 00		22 80	77 72	
Bacteriology.....	150 00	423 25	66	90 15		20 00	110 15	534 06	
Illinois Cannery Association fund.....	460 40	710 92		212 86			212 86	923 78	
Botany.....	400 00	1,288 87	176 94	168 00		28 00	196 00	1,661 81	
Ceramics.....		4,513 54	172 24	522 29		228 00	750 29	5,436 07	
Chemistry.....		15,688 78	247 77	4,956 83		226 00	5,182 83	21,119 38	
Classics.....		21 93	23 48			5 00	5 00	50 41	
Education.....		1,014 13	428 68	230 20			230 20	1,673 01	
English.....		286 25	51 42	62 00		1 75	63 75	401 42	
Entomology.....	250 00	97 23	8 51	5 50			5 50	111 24	
Geology.....	300 00	564 67	12 46	171 00			171 00	748 13	

SCHEDULE 42—Continued.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Encumbrances.					Total charges.	Appropriation balances.
				Open market orders outstanding.	Library orders outstanding.	Repair orders outstanding.	Contracts outstanding.	Total.		
Liberal Arts and Sciences— <i>Concluded.</i>										
German .....		\$ 75	\$ 6 79	\$ 6 50				\$ 6 50	\$ 14 04	
History .....		137 89	39 18						177 07	
Mathematics.....	\$ 400 00	82 85	18 57	27 75	\$ 45 00	\$ 20 50		93 25	194 67	
Philosophy.....		7 00	1 71						8 71	
Physiology.....	250 00	1,079 96	29 57	158 70		95 00		253 70	1,363 23	
Political science.....		11 15	6 24						17 39	
Psychology.....		208 36	40 90	133 27		61 00		194 27	443 53	
Romance languages.....		34 20	12 32						46 52	
Sociology.....		37 35	8 76						46 11	
Zoölogy.....	3,375 00	3,554 30	117 28	1,450 40	450 35	127 00		2,027 75	5,699 33	
Natural history museum.....	15,000 00	69 01	8 36	39 00		15 00		54 00	131 37	
Museum of European culture.....		317 07	1 10	2,039 00				2,039 00	2,357 17	
Classical museum.....		1,620 32		2,586 00		2 70		2,588 70	4,209 02	
Agricultural College—										
Administration.....		1,787 07	568 29	1,051 10		576 00		1,627 10	3,982 46	
Press service.....		394 89	137 70	42 00				42 00	574 59	
Extension.....		2,668 01	326 83	162 00		55 50		217 50	3,212 34	
Agronomy.....		7,714 66	476 31	2,670 46		266 51		2,936 97	11,127 94	
Animal husbandry.....		19,551 13	372 02	1,297 23	3 76	149 05		1,450 04	21,373 19	
Dairy husbandry.....		9,073 48	218 68	1,144 73		340 00		1,484 73	10,776 89	
Creamery.....		14,235 86		514 98				514 98	14,750 84	
Horticulture.....		17,147 51	470 80	2,885 11	5 50	164 25		3,054 86	20,673 17	
Household science.....		1,446 24	174 55	534 65	18 85	234 00		787 50	2,408 29	
Cafeteria.....		4,732 62	406 69	1,087 06		3 00		1,090 06	6,229 37	
Veterinary science.....		25 55	5 00	4 00				4 00	34 55	
Agricultural Experiment Station—										
Agronomy, crops.....		5,537 70	9 60	331 64				331 64	5,878 94	
Agronomy, soils.....		32,492 65		1,103 72		2 50		1,106 22	33,598 87	
Animal husbandry.....		17,184 82	403 76	1,416 34		42 50		1,458 84	19,047 42	
Dairy husbandry.....		13,466 94	48 61	1,387 28		50 00		1,437 28	14,952 83	
Horticulture.....		2,129 43	20 23	143 08				143 08	2,292 74	
Horticulture.....		7,278 78	1 42	566 52				566 52	7,846 72	
United States Agricultural Experiment Station—										
Adams fund.....	15,000 00								433 40	\$ 7,113 84
Administration.....		433 40		10 60				10 60	4,041 40	
Animal husbandry.....		4,030 80							3,421 96	
Horticulture.....		3,421 96							37 38	



SCHEDULE 42—*Concluded.*

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Encumbrances.					Total charges.	Appropriation balances.
				Open market orders outstanding.	Library orders outstanding.	Repair orders outstanding.	Contracts outstanding.	Total.		
Trust Funds— <i>Concluded.</i>										
Graduate school theses deposits.....	\$ 350 00									\$350 00
Llewellyn architecture prize .....	50 00									50 00
McKinley fund.....	901 65	\$ 650 00							650 00	251 65
Snyder fund.....	2,912 47	2,550 00							\$2,550 00	362 47
Snyder fund, interest.....		300 00							300 00	
Towel fund, P. T., men.....	731 75									731 75
Wilson's lectureship fund.....	100 00									100 00
Women's league loan fund.....	209 40	200 00							200 00	9 40
Total .....		\$1,528,909 29	\$12,265 39	\$84,132 05	\$23,011 68	\$31,428 47	\$88,301 80	\$226,874 00	\$1,768,048 68	

\* Overdraft.

† Salaries.

## SCHEDULE 5.

## RECONCILIATION WITH UNIVERSITY TREASURER AS AT DECEMBER 31, 1913.

<b>General Fund—</b>	
Treasurer's balance .....	\$207,928 30
Deduct: Receipts belonging to College of Medicine Fund .....	\$15 00
Receipts belonging to Agricultural Experiment Station fund.....	30 00
	<u>45 00</u>
Treasurer's corrected balance .....	\$207,883 30
Add: Receipts not yet entered .....	205 65
	<u>\$208,088 95</u>
Deduct: Warrants outstanding—	
Issued before July 1, 1912.....	\$ 330 56
Issued 1912-1913 .....	42 68
Issued 1913-1914 .....	2,335 79
Difference .....	1 00
	<u>2,710 03</u>
Business office corrected balance .....	\$205,378 92
Add: Duplicate payment of warrant No. 12, not recorded...	1 83
	<u>\$205,380 75</u>
<b>Agricultural Experiment Station Fund—</b>	
Treasurer's balance .....	\$1,530 36
Add: Receipts wrongly credited to general fund.....	30 00
	<u>1,560 36</u>
Deduct: Warrants outstanding .....	330 52
	<u>\$1,229 84</u>
<b>College of Medicine Fund—</b>	
Treasurer's balance .....	\$32,188 48
Add: Receipts wrongly credited to general fund.....	15 00
	<u>\$32,203 48</u>
Deduct: Warrants outstanding—	
Issued before July 1, 1912.....	\$ 113 75
Issued 1912-1913, No. 194.....	20 00
Issued 1913-1914 .....	7,196 53
	<u>7,330 28</u>
Business office balance .....	<u>\$24,873 20</u>
<b>School of Pharmacy Fund—</b>	
Treasurer's balance .....	\$18,148 78
Add: Receipts not yet entered.....	5 00
	<u>18,148 78</u>
Deduct: Warrants outstanding .....	149 29
	<u>\$17,999 49</u>

## SCHEDULE 6.

## RECONCILIATION WITH STATE AUDITOR AS AT DECEMBER 31, 1913.

<b>Operation, Maintenance and Equipment—</b>	
State Auditor's balance .....	\$736,466 84
Deduct: Vouchers unpaid .....	5,506 14
	<u>\$730,960 70</u>
Add: Undercharge on voucher 0-4000 .....	02
	<u>\$730,960 72</u>
<b>Buildings, Land and Equipment—</b>	
State Auditor's balance .....	\$143,666 14
Deduct: Vouchers unpaid .....	2,160 01
	<u>\$141,506 13</u>
<b>Water Survey—</b>	
State Auditor's balance .....	\$11,194 17
Deduct: Vouchers unpaid .....	8 83
	<u>\$11,185 34</u>

**SCHEDULE 6—Concluded.**

Miners' and Mechanics' Institutes—	
State Auditor's balance .....	\$14,124 88
Deduct: Vouchers unpaid .....	71 90
Business office balance .....	<u>\$14,052 98</u>

**SCHEDULE 7.****COLLECTION ON ACCOUNT OF UNIVERSITY OF ILLINOIS MILL TAX FOR THE YEAR 1913,  
FOR TAXES OF 1912.**

February .....	\$ 789 49
April .....	778,603 75
May .....	380,607 28
June .....	72,296 99
July .....	328,820 29
August .....	118,912 73
September .....	69,920 92
October .....	82,995 21
November .....	276,220 60
December .....	158,213 58
Total .....	<u>\$2,267,380 84</u>

**DESCRIPTION OF LOTS FOR THE SCHOOL OF EDUCATION SITE.**

The secretary presented for record descriptions of the lots purchased for the School of Education site, transmitted by Prof. James M. White, Supervising Architect.

These descriptions were received to be printed in the minutes:

- (1) Lot 3 in block 55 of the Seminary Addition to the city of Urbana, purchased on February 4, 1914, from C. H. Lemon and wife and C. W. Walcott and wife.
- (2) Lot 5 in block 55 of the Seminary Addition to the city of Urbana, purchased on October 18, 1913, from William A. Rogers and Susan Rogers.
- (3) Lot 6 in block 55 of the Seminary Addition to the city of Urbana, purchased on January 16, 1914, from Mary Poll.
- (4) Lot 7 in block 55 of the Seminary Addition to the city of Urbana, purchased on October 27, 1913, from E. P. Little, Trustee.
- (5) Lot 8 in block 55 of the Seminary Addition to the city of Urbana, purchased on October 27, 1913, from Frank Henson and Mattie W. Henson, his wife.
- (6) Lot 9 in block 55 of the Seminary Addition to the city of Urbana, purchased on October 27, 1913, from Lerton D. Jones and Elizabeth C. Jones, his wife.

**LEASE FOR AN EXPERIMENT FIELD.**

The secretary presented a letter from Dr. Eugene Davenport, Dean of the College of Agriculture and Director of the Agricultural Experiment Station, transmitting a lease from the Trustees of the Second Presbyterian Church of Bloomington, Ill., for four and four-tenths acres of land in McLean County, to be used for the purposes of agricultural experimentation; also a letter from Prof. L. H. Smith, Acting Head of the Department of Agronomy, in regard to this lease.

This lease, with the accompanying communications, was referred to the Committee on Agriculture, for consideration and report.

The board adjourned.

W. L. ABBOTT, *President.*

C. M. McCONN, *Secretary.*

## Meeting of March 10, 1914.

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 10 A.M., on Tuesday, March 10, 1914.

When the board convened, the following members were present: Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson.

President James was present.

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

On motion of Mrs. Evans, the regular order of business was set aside and the board proceeded immediately to the consideration of the following matters presented by President James:

#### REPORT ON THE SCARLET FEVER SITUATION.

(1) A report from the special committee of the faculty appointed to take charge of the scarlet fever situation:

The University has been much troubled during the past six weeks by an outbreak of scarlet fever. We handled the situation as best we could. I was compelled to authorize expenditures for which I had no authority. I have asked Dean Clark to prepare a statement covering our method of dealing with the situation which is herewith submitted:

#### [DEAN CLARK'S LETTER.]

URBANA, ILL., March 9, 1914.

*President E. J. James, Natural History Building.*

DEAR PRESIDENT JAMES: In accordance with your request I am submitting to you this report on the scarlet fever situation here. On January 28 Mr. Paul Kimberlin, living in the Y. M. C. A., was taken to the Burnham Hospital suffering with what was supposed to be tonsillitis. He was put into the general students' ward at one o'clock in the afternoon, and a swab of his throat was taken and a bacteriological culture was made. This showed a negative reaction. His symptoms, however, developed so alarmingly that he was removed that evening to the isolation ward. A later culture distinctly showed scarlet fever. His case developed rapidly into a malignant type, and he died on February 2.

On January 29, Mr. Louis A. Abbott and Mr. G. Y. Fong, who had been in the students' ward for some time previous to Mr. Kimberlin's entrance, also developed symptoms of scarlet fever and were removed to the isolation ward, and on February 4 Mr. M. C. Merrills was taken from the general students' ward to the isolation ward.

Mr. J. L. Bollman, who had been in the general ward at the time that Mr. Kimberlin came in, was discharged on February 2 and he went to his home in Springfield, where he later developed a case of scarlet fever.

On February 10 Mr. Carl Raibourne, of 104 North Romine Street, was taken to the hospital with scarlet fever. On February 14, Mr. S. F. Cater was taken from the Y. M. C. A. with the same disease, there being no indication that he had contracted the disease from Mr. Kimberlin. February 16, Mr. J. W. Wright, of 502 East John Street, was taken to the hospital. These men were all that the hospital could accommodate. Mr. Cater developed a malignant type of the fever and died on February 18. On the evening of the day of Mr. Cater's death, Mr. I. M. Cohen, from 806 South Gregory Street, Urbana, came down with the disease and was taken to the isolation ward. The ward was again full, and I knew that something would have to be done to make arrangements for taking care of other students, should there be any new cases.

With this situation in mind a conference was called in your office of the mayors and health officers of Champaign and Urbana to consider the general situation. It was quite evident from the discussion which occurred at that meeting that the cities of Champaign and Urbana had no intention of assuming any responsibility for the care of the students, should any more of them fall ill. We



decided, therefore, that the University would have to take some action immediately, and we prepared to do so. We chose as an emergency hospital a small frame and stucco building which lies at the east end of the new parade ground, and which was used by the Department of Horticulture as an office and service building.

This building was thoroughly cleaned, and electrical cooking apparatus, borrowed from the electrical kitchen of the Department of Household Science, was installed on the south side of the building east of the corridor. Arrangements were made with Champaign firms to send to the building on an hour's notice such supplies as might be needed.

At eleven o'clock on February 23, I advised the Supervising Architect's office that it would be necessary to use this building for the purpose originally planned, and that a student would be sent there by one o'clock. Through the Supervising Architect's office instructions were issued to send a squad of men to the building to do any necessary electrical, plumbing, heating or cleaning work needed to put the building in first class condition. It was impressed upon the superintendent of buildings that these operations must be carried on with the greatest dispatch. We ordered that some necessary articles for the care and comfort of the inmates be sent at once to the building, and this was accomplished by twelve o'clock.

On account of the severe snow storm it was necessary to borrow two teams and a snow plow to clean Wright Street so as to permit the delivery of goods and the passage of the ambulance. The fire truck of the University was pressed into service as a delivery truck, and through the kindness of Miss Bevier and Miss Parsons a box of food supplies was obtained from the cafeteria, and dishes, knives, forks and spoons were taken from the south side of the Woman's Building. At one o'clock, when the first patient, Mr. Sam Bass, was brought to the building, almost everything had been arranged for the use of the place as an emergency hospital.

The physicians and the nurses in attendance are unstinted in their praise of the care which has been exercised, and the completeness of the details that have been carried out. Much of the credit of this is due to Mr. H. D. Oberdorfer of the Supervising Architect's office, who has done everything possible to contribute to the success of the undertaking. Dr. J. H. Beard, also, rendered constant and valuable service.

During the last two weeks nine other students suffering from scarlet fever have been taken to the building, as shown in the accompanying table. This table also shows the attending doctors, the nurses, and the time of each person's arrival.

Names of Patients.	Date of Entrance.	Attending Doctor.
Samuel Bass.....	February 23.....	Stanley.
Lucile Sleezer.....	February 23.....	Stanley.
O. O. Dillon.....	February 25.....	Coen.
A. Lowder.....	February 25.....	Schurtz.
James W. Thomas.....	February 26.....	Walls.
R. W. Parker.....	February 27.....	Stanley.
Helen Hall.....	February 28.....	Walls.
P. F. Cooper.....	March 1.....	Stanley.
J. L. Crawford.....	March 2.....	Stanley.
C. S. Moss.....	March 4.....	Stanley.
Names of Nurses.	Date of Arrival.	Departure.
Miss Needham.....	February 23.....	February 25.
Miss Hayden.....	Midnight February 24.....	
Miss McKibbin.....	Morning February 25.....	
Miss Conover.....	Morning February 28.....	
Miss Roth.....	Midnight February 28.....	
Miss Laing.....	Midnight March 5.....	

Guest.	Date of Arrival.	Departure.
Mrs. Sleezer.....	February 23.....	March 4, 7:30 A.M.

#### PATIENT AT 1208 SPRINGFIELD AVENUE.

Name of Patient.	Date of Arrival.	Attending Doctor.
E. J. Parent.....	March 6.....	Stanley.
Name of Nurse.	Date of Arrival.	Departure.
Miss Davis.....	Midnight March 5.....	

Arrangements were made with Mr. W. F. Murphy, John Street, Champaign, for groceries; with Mr. B. E. Spalding for drugs; with Harris and Mead for ice cream; with the University dairy for butter, cream, and milk; with Swannell's for newspapers; and with the University cafeteria for bread. Everybody concerned in the furnishing and delivering of supplies has put the needs of the hospital first. Only in this way has it been made the success that it is. Too much praise cannot be given to the superintendent of buildings and the University fire chief for their readiness to serve the people connected with this problem.

On March 2 it was found necessary to install a service pipe for hot water. Up to that time the nurses had been able to heat sufficient hot water with the electrical cooking apparatus, but the additional patients made the facilities inadequate. This service pipe and the necessary tank heater was installed on March 3. On March 5 gas connections and a gas stove were installed by Mr. G. B. Rice and Mr. J. A. Morrow. To permit this installation the Urbana and Champaign Railway, Gas and Electric Company sent a force of eight men to run the gas line from the horticultural field house to this building. This gas line and stove were installed in six hours.

On March 5, Mr. E. J. Parent, a sophomore in the University, was sent to the hospital with scarlet fever, but on account of erysipelas complications in his case, the head nurse, Miss Hayden, thought it unwise to let him enter. Burnham Hospital also, from which one of our patients had been discharged, refused to let him enter there. It became necessary, therefore, to provide other quarters outside the building. A tent from the Armory and one from a local firm were secured and erected on the south side of the emergency hospital. Floors were built and lights installed. In the meantime, however, it had been thought wisest to open the house at 1208 West Springfield Avenue, Urbana, owned by the University, as a second emergency hospital. The tents were left and are now occupied by the nurses as sleeping quarters.

On the morning of March 6, after looking over the house at 1208 West Springfield, a squad of men was set to work cleaning and scrubbing. Arrangements were made for turning on the city water, installing an electric meter, and connecting a Bell telephone. Coal, food supplies, kitchen utensils, beds and bedding were ordered and installed. A coal range was borrowed from the Department of Household Science, and was set up and connected with the hot water range that was in the house. At five o'clock Mr. Parent and his nurse were brought to the house.

Throughout the entire time it has been the endeavor to act with as great economy as possible and yet make things as pleasant and convenient for the nurses as could be. On account of certain formalities necessary for the purchase of supplies from local firms by the University, these have so far been charged to Mr. Oberdorfer, of the Supervising Architect's office.

At the meeting of the Council of Administration on February 24 a health committee, consisting of Vice-President David Kinley, Dean Eugene Davenport, and Dr. J. H. Beard, with myself as chairman, was appointed to take charge of matters. It seemed wisest to us to dismiss all general University exercises for the time being, and to ask students to omit their social functions for two weeks, and this was done. The general exercises in Military and Physical Training and all other large classes were also discontinued. Under the direction of Dr. Beard the following rooms and buildings were fumigated:

Agricultural Building—Morrow Hall, rooms 701 and 702.

Commerce Building—Rooms 100 and 208.

University Hall—The Chapel.

Mechanical Engineering Laboratory—Room 109.

Engineering Building—Four architectural drawing rooms—top floor (one done twice), room 319, library.

Physics Building—Rooms 112, 212, 312, 100, 119 (twice), and 123.

Chemistry Building—Room 100.

Natural History Building—Room 228, Dean Clark's offices, registrar's offices, and business offices.

Transportation Building—Four drawing rooms.

Gymnasium.

Woodshop—East room, west room.

Main Library—Order-room, catalog room, two large reading rooms, and rotunda.

Law Building—Library.

The total air space of these buildings aggregates about 2,000,000 cubic feet.

In addition to this general fumigation which seemed necessary because of the number of students who were taken ill in classes, the library of the University has taken extra precaution. Every book returned to the University has been treated as a suspect. All the books returned are placed one-half opened on the shelves of a small closet in the Library Building. Each afternoon this closet is closed, sealed, and the books thoroughly fumigated. This precaution will be continued as long as the health officers of the University think it wise to do so.

Because of the fact that the local business men did not keep a supply of disinfectants on hand, it was necessary for the University to order pretty largely. The sum of \$728.30 was spent on disinfectants and drugs which were bought for fumigating purposes; \$10.50 worth of doctor's thermometers were borrowed from Swannell's Drug Store for the use of Dr. Beard, and these will be returned.

There have been no new cases for several days, and I believe that the situation is well in hand. I cannot praise too highly the services which were rendered by the various offices and individuals upon whom it has been necessary to call in the carrying out of this work. Practically all of the students who went home or were called home because of the excitement have returned, and I believe the University exercises may all be resumed this week with safety.

Very truly yours,

THOMAS ARKLE CLARK,

Dean of Men.

On motion of Mr. Trevett, the action of the committee was approved and the administration of the University was commended for its prompt and efficient action in the matter.

#### EXTRA COMPENSATION FOR DR. BEARD.

(2) A recommendation that the sum of five hundred dollars (\$500) be paid to Dr. J. H. Beard, Instructor in Physiology, for extra work in connection with the care of students and the fumigation of University buildings during and after the run of scarlet fever.

On motion of Mrs. Henrotin, the recommendation was approved and the sum of five hundred dollars ordered paid to Dr. Beard. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Meeker, Mr. Montgomery.

#### EDUCATIONAL SURVEY OF ILLINOIS.

(3) A communication from Professor W. C. Bagley, Director of the School of Education, relating to an educational survey of Illinois.

URBANA, ILL., February 18, 1914.

*President Edmund James James, Natural History Building.*

DEAR PRESIDENT JAMES: An educational survey of Illinois has been planned by a commission appointed by State Superintendent Blair at the request of the State Teachers' Association. The commission was made up of Mr. Blair, Mrs. Ella Flagg Young, Superintendent H. S. Magill, President David Felmley, President H. W. Shryock, President W. E. Morgan, Principal Hogge, President of the Principal's Club of Chicago, and representatives of Chicago, Northwestern, and Illinois Universities. The plan of the survey is comprehensive and contemplates an investigation, ultimately, of all phases of public school work in the State. It will, however, be limited at the outset to some very definite matters having reference to immediate needs; for example, vocational education, teachers' compensation, and matters of a similar type.

At a meeting of the commission held in Springfield last Saturday, an Executive Committee was appointed to take charge of the survey and the School of Education of the University of Illinois is represented on this committee by Professor L. D. Coffman, who, at the suggestion of Mrs. Young, was designated as director of the survey.

The work that this involves, while heavy, is directly in the line of Dr. Coffman's work at the University. The survey will furnish a vast amount of material which can be worked over by graduate students who are specializing in educational administration. In view of this fact I believe that Dr. Coffman can direct this work without seriously interfering with his other University duties. The problem is so closely related to the welfare of education in the State that the University would, I believe, be thoroughly justified in permitting him to undertake this responsibility.

The survey will be financed in part by funds from the treasury of the State Teachers' Association, in part by voluntary contributions from other teachers' organizations and in part by contributions from the institutions cooperating. In view of the very great value of the material that will be collected to our graduate students, I suggest the advisability of asking for an appropriation of \$1,000 to be used by members of the Department of Education in doing their share of this survey work.

Respectfully yours,

W. C. BAGLEY,  
*Director, School of Education.*

On the recommendation of President James and on motion of Superintendent Blair, Professor Coffman was authorized to accept the directorship of this survey and the sum of one thousand dollars was appropriated to the School of Education towards the support of the work during the academic year 1914-15, by the following vote: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Meeker, Mr. Montgomery.

#### ORCHESTRAL CONCERTS.

(4) The following statement concerning the orchestral concerts:

The board authorized the President of the University to arrange for a series of orchestral concerts during the present academic year, and made an appropriation of \$5,000 for the expense of these concerts. Arrangements were made for a series of eight concerts by four orchestras. Season tickets were sold for \$2. The total receipts for the sale of these tickets and tickets at the door, up to March 1, 1914, amounted to \$3,846.50. There are still two concerts, for which a few tickets will be sold at the door, amounting probably to fifty or a hundred dollars. The total income from sale of tickets will probably exceed \$3,900, so that the net expense to the University for the eight concerts is between a thousand and eleven hundred dollars.

A desire has been expressed by the Director of the School of Music, strongly endorsed by general University sentiment, that a similar series be arranged for the coming year.

On the recommendation of President James and on motion of Mrs. Busey, the President of the University was authorized to proceed with the arrangement for the series of orchestral concerts for next year and the sum of five thousand dollars was appropriated therefor. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Meeker, Mr. Montgomery.

**RESOLUTIONS, STATE HIGHWAY COMMISSION.**

(5) Resolutions from the State Highway Commission thanking the University for establishing the short course in highway engineering.

These resolutions were received and ordered to be placed on file.

**APPOINTMENT TO BOARD OF EXAMINERS IN ACCOUNTANCY.**

(6) A letter from Professor M. H. Robinson, Secretary of the University Committee on Accountancy, stating that Mr. Arthur Young had declined the appointment, tendered him by the board at the last meeting, as a member of the Board of Examiners of Public Accountants, and recommending that Mr. Peter White, the Chicago manager of Haskins and Sells, be appointed in Mr. Youngs' stead.

On the recommendation of President James and on motion of Mrs. Evans, this appointment was made.

**LEASE OF PHARMACY BUILDING.**

(7) A letter from Professor George E. Frazer, Comptroller, concerning the lease for the building occupied by the School of Pharmacy.

March 3, 1914.

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

DEAR SIR: Acting under the authority granted by the Board of Trustees at their meeting on January 21, 1914 (page 698, minutes of the Board of Trustees, January 21, 1914), I have obtained a lease on the present quarters occupied by the School of Pharmacy for one year, from May 1, 1914, to May 1, 1915. The owners of the building at Twelfth Street and Michigan Avenue, Chicago, Messrs. Ruddock and Rhodes, have refused to give the University an option for a further renewal of this lease for one year from May 1, 1915. I understand that the refusal to give the option is based on the present intention of the owners to tear down the present building some time in the year 1915.

A copy of the lease has been filed with the secretary of the Board of Trustees. The form of the lease has been approved by the Legal Counsel of the University.

Very truly yours,

GEORGE E. FRAZER.

This letter was received to be printed in the minutes.

**EXTRA VACATION FOR THE BURSAR.**

(8) A request from the comptroller that Mr. O. E. Staples, Bursar, be given leave of absence for two months during the coming summer. It appears that Mr. Staples has been in the continuous employ of the University for fourteen years. He has had two weeks vacation each year.

On the recommendation of President James and on motion of Mrs. Evans, the President of the University was given authority to grant this leave of absence.

**ORDINANCE VACATING AN ALLEY ON SITE OF EDUCATION BUILDING.**

(9) A letter from the Supervising Architect and a copy of the ordinance of the city of Urbana vacating that part of the alley that runs through the land on which it is proposed to erect the School of Education Building.

URBANA, ILL., March 7, 1914.

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

DEAR SIR: We are enclosing a copy of an ordinance that was accepted by the council of the city of Urbana at their monthly meeting on March 2. You will note that in section 3 it is stated that cast iron bell and spigot pipe should be installed whenever ordered so to do by the city engineer of the city of Urbana. It will be necessary to use this class of pipe only under the building and it may be so interpreted by the city engineer. A blue print of the plat shows that portion of the alley which is vacated and that portion for which the Board of Trustees will have to make a deed to the city.

Yours truly,

JAMES M. WHITE, *Supervising Architect.*

By H. D. OBERDORFER.

**AN ORDINANCE TO VACATE A PART OF AN ALLEY EXTENDING THROUGH BLOCK FIFTY-FIVE, SEMINARY ADDITION TO THE CITY OF URBANA, ILL., AND ALTER THE COURSE OF SAID ALLEY.**

WHEREAS, The Board of Trustees of the University of Illinois, the owner in fee of lots five, six, seven, eight, and nine, in block fifty-five, Seminary Addition to the city of Urbana, desires to construct a building for its School of Education

that will occupy a great part of said lots five, six, seven, and eight, and the alley-way adjoining lots five and six on the south and lots seven and eight on the north and proposes in consideration of the portion of the alley so desired being vacated, that it will, for public use, dedicate, grant, and convey to the city of Urbana from the west side of lot eight and the east side of lot nine a strip of ground equal in width to said alley running from the north line of lots eight and nine to the south lines of the same and to their intersection with Springfield Avenue.

SECTION 1. *Be it ordained by the city council of the city of Urbana*, That to enable the Board of Trustees of the University of Illinois to construct a building for its School of Education on lots five, six, seven, and eight, in block fifty-five, Seminary Addition to the city of Urbana, all that portion of the alley which traverses said block from east to west for the distance of one hundred and thirty-two feet immediately east from Mathews Avenue be vacated, and that the course of said alley be changed so as to turn south from the east end of the one hundred and thirty-two feet so vacated and extend south with a uniform width of sixteen and one-half feet to the north line of Springfield Avenue.

Sec. 2. The vacation of said alley for the one hundred and thirty-two feet as described in section one shall in no wise and to no extent become effective until the Board of Trustees of the University of Illinois shall by proper deed of conveyance grant and convey to the city of Urbana for the use of the public as an alley-way a strip of ground from the east side of lot eight and the west side of lot nine in said block fifty-five of the uniform width of sixteen and one-half feet and extending from the north line of said lots to Springfield Avenue and shall grade and improve such strip from its point of intersection with Springfield Avenue to the present alley with proper curve so as to put the same in condition equal to that of the present alley.

Sec. 3. The Board of Trustees of the University of Illinois is required and agrees that it will replace that portion of the sanitary sewer running through the alley-way mentioned, which is to be vacated, with a cast iron bell and spigot pipe, with joints properly caulked with lead and oakum for the whole distance of 132 feet, whenever ordered so to do by the city engineer of the city of Urbana.

On the recommendation of President James, it was voted to print this ordinance in the minutes. Mr. Trevett suggested that the matter of the title to the alley be referred to the Legal Counsel of the University for investigation.

#### LOCOMOTIVE TESTING LABORATORY.

- (10) A letter concerning the running of the Locomotive Testing Laboratory.  
URBANA, ILL., March 5, 1914.

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

DEAR SIR: We respectfully call your attention to the fact that the smoke, noise, vibration caused by the running of the locomotive in the Testing Laboratory are an annoyance to the citizens who live nearby. We ask you, therefore, to use your influence toward having this condition remedied in so far as is possible.

Very respectfully,

H. A. MILLER,  
C. W. YAPP,  
J. C. WHITE,  
J. B. BENNETT,  
MRS. J. M. DUNSETH.

On the recommendation of President James, it was ordered that the receipt of the petition be acknowledged and that steps be taken to make the use of the Laboratory as inoffensive as possible.

#### IMPORT ORDER, BOTANY AND BACTERIOLOGY.

- (11) A request from Professor William Trelease, Head of the Department of Botany, for permission to place an import order to the amount of \$2,100 for the purchase of glassware, chemicals, apparatus, microscopes, etc., for the Departments of Botany and Bacteriology.

On the recommendation of President James and on motion of Superintendent Blair, the desired authority was given and the appropriation involved was made. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Meeker, Mr. Montgomery.

#### PETITION OF DR. A. G. FAIRFAX.

- (12) A letter from Dr. A. G. Fairfax, of Chicago, petitioning for admission to the senior class of the College of Medicine.

The discussion of this petition was deferred until the arrival of Dr. Montgomery (see page 730).

### REPORT OF COMMITTEE ON THE LIBRARY.

Mrs. Busey presented the following report of the Committee on the Library:

Your committee has held several meetings to consider the question of the necessity of a new library building, and the desirable location for the same. Your committee has considered the recommendation which have been made by the President of the University at various times during the past two years, by the University Senate, and by the Committee of the University Senate on the Library.

We beg to report that it is the opinion of the committee:

1. That the need for a new University Library Building is most pressing.
2. That the University should proceed as rapidly as possible with the planning and erection of a building which shall be adequate to the library needs of a great University.
3. That the only satisfactory site, giving adequate space, is the one recommended by the Supervising Architect, and endorsed by Mr. Blackall and the former State Architect, Mr. Zimmerman; namely, the land at the south end of Wright Street, with a building having 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 new Armory, and that a space be reserved here sufficient for a building five hundred feet long by four hundred feet wide, with suitable approaches for the same.
4. That a Supervising Architect be requested to prepare and submit plans for such a building for the consideration of the Board of Trustees.

MARY E. BUSEY,  
LAURA B. EVANS,  
FLORENCE WATSON,  
*Committee.*

On motion of Mrs. Henrotin, this report was accepted.

### REPORT OF COMMITTEE ON BUILDINGS AND GROUNDS.

The Committee on Buildings and Grounds presented the following report:

A meeting of the Buildings and Grounds Committee was held in the Woman's Building at the University on Wednesday, January 28, 1914.

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

The chairman called up the matter of approving the architect's plans for the School of Education Building, which had been referred to the committee with power to act.

At the last meeting of the Board of Trustees, when these plans were presented, one member inquired of the architect whether the building proposed would be a model high school building, and, as the architect was unable to answer this question, action on it was deferred. The Buildings and Grounds Committee were directed to investigate and approve the plans if they found them satisfactory.

A letter from the member of the board who raised the question was read to the committee, in which this member stated that he had received further information which convinced him that the plans were in every respect satisfactory, whereupon the committee voted to approve the plans.

The committee discussed the paving of Burrill Avenue and received some information and advice on the subject from Mr. Johnson, Engineer of the State Highway Commission, who was present. After discussion it appeared that the kind of paving best suited for Burrill Avenue would depend upon whether the avenue was to be used as a driveway or merely for pedestrians. It was, therefore, voted to request the Supervising Architect to prepare a statement showing what kind of pavement should be laid down for each kind of traffic and an estimate of the cost of each.

The committee adjourned.

W. L. ABBOTT,  
*Chairman, Buildings and Grounds Committee.*

On motion of Mrs. Evans, this report was accepted.

A recess was taken, for luncheon, until 1:30 P.M.

### AFTERNOON SESSION, MARCH 10, 1914.

When the board convened at 1:30 P.M., the following members were present: Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoyt, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson.

President James was present, and, also, during a part of the afternoon, Prof. James M. White, Supervising Architect.

The regular order of business, which had been set aside during the morning session, was taken up.

### APPROVAL OF MINUTES.

The secretary presented the minutes of the meeting of January 21, 1914. After discussion, these minutes were approved in amended form, as printed above, pages 688-718.

### ELECTION OF PRESIDENT OF THE BOARD.

The secretary took the chair and called for nomination for the office of President of the Board of Trustees for the ensuing year.

Mr. Hoit nominated Mr. W. L. Abbott.

On motion of Mr. Trevett, the secretary cast the unanimous ballot of the members present for Mr. Abbott; this being done, Mr. Abbott was declared elected and resumed the chair.

### ELECTION OF SECRETARY.

Mr. H. E. Cunningham was elected Secretary of the Board of Trustees for the period of one year.

### ELECTION OF MEMBERS OF THE EXECUTIVE COMMITTEE.

The president next called for nominations for two members of the Executive Committee, to constitute with the President of the Board the Executive Committee for the ensuing year.

On motion of Superintendent Blair, Mr. Moore and Mr. Trevett were nominated to serve on the Executive Committee for next year. The nominations were closed, and the secretary was instructed to cast the unanimous ballot of the members present for Mr. Moore and Mr. Trevett; this being done, Messrs. Moore and Trevett were declared elected.

### BOND OF THE BURSAR.

On motion of Mr. Hoit, the bond of the bursar, Mr. O. E. Staples, was fixed at \$20,000, and it was ordered that the cost of the same should be paid by the University. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Meeker.

On motion of Mr. Hoit, the Finance Committee was instructed to secure a satisfactory bond, as specified above, and to report the same to the board for approval.

### RESOLUTIONS FROM VARIOUS ORGANIZATIONS.

Superintendent Blair presented by title various resolutions from the following organizations: The Alumni of the College of Medicine; The Ministers of Champaign and Urbana; The University Senate; The Council of Administration; The Instructors and Assistants on one-year appointments; The State Farmers' Institute; The Alumnae Association of Chicago.

During the presentation of these resolutions, President James withdrew. Superintendent Blair moved that the resolutions named above be incorporated in the minutes.

Dr. Montgomery moved as a substitute that the resolutions be laid on the table without discussion. The substitute was lost by a tie vote.

Mr. Moore moved as a substitute that the resolutions be received and placed on file. After discussion, the roll was called, and the substitute motion was declared lost by the following tie vote: Ayes, Mrs. Busey, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, Mr. Abbott, Mr. Blair, Mrs. Evans, Mrs. Henrotin, Mr. Hoit; absent, Mr. Dunne, Mr. Meeker.

The original motion was then called for, and, after discussion, the vote was taken, resulting in a tie, and the motion was declared lost. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Evans, Mrs. Henrotin,

Mr. Hoyt; noes, Mrs. Busey, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; absent, Mr. Dunne, Mr. Meeker.

### LETTER FROM GOVERNOR DUNNE.

Superintendent Blair presented the following letter from Gov. E. F. Dunne to President James:

March 7, 1914.

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

DEAR DR. JAMES: Yours of the 6th instant is before me. Before receiving notice of the meeting, I had promised to attend the celebration of the centenary of the creation of Belleville as the county seat of St. Clair County, and have made all arrangements to be present and deliver an address at that celebration.

It gives me much pleasure to know that the teaching faculty of the University has shown with such practical unanimity their confidence in your administration of the responsible position of President of the University of Illinois.

Every citizen of this State, including myself, as intensely interested in the continued success of this great University, and it is my earnest hope and desire that all personal considerations and ties of preference among the trustees should give way to the great object of making our University the greatest State University in the United States.

Politics must not enter into consideration in the management of the University, and whatever may be our affiliation with political parties, they should be forgotten in the execution of our business as trustees of the University.

In reference to yourself, as I have heretofore publicly stated, I believe you to be a most efficient and competent executive and educator. Under your administration, the University has developed in the most wonderful manner, and in my judgment, the State University is fortunate in possessing such an able and forceful executive at its head.

Kindly present to the Board of Trustees my regrets at being unable to be present.

Wishing you and the University continued success, I am,

Very truly yours,

E. F. DUNNE.

On motion, it was voted unanimously that this letter be received for record and printed in the minutes.

### BUILDING PLANS.

At this point President James and Prof. James M. White, Supervising Architect, joined the board, and Professor White presented the following report on the status of the plans for new buildings:

### ENDS OF ARMORY.

1. The contract for the completion of the ends of the Armory, which was let by order of the board to Mr. N. H. Shields, on the basis of completion September 1, 1914, has been properly signed.

### LIBRARY STACK ROOM.

2. Bids were received on March 7, 1914, for the completion of the addition to the Library in accordance with plans and specifications prepared by the Supervising Architect. A summary of the bids is submitted herewith.

I recommend that contracts be awarded as follows:

General contract on the basis of completion by September 1, 1914, to A. W. Stoolman, the low bidder, for \$11,172.

The contract for the book stacks to the Sned & Company Iron Works of Jersey City, New Jersey, (who are the low bidders) for the sum of \$7,208, on the basis of open design and shelf supports and 6-inch steel plate book supports. Professor Windsor concurs in recommending this award.

It is impossible to obtain any competition on the stone work for the building as there is only one quarry from which the stone can be obtained. The stone work was not put in the general contract because it seemed best for the University to assume the risk due to the uncertainty of the possibility of tearing down the present structure without damage to the stone work.

I recommend that the proposition from the Kettle River Company of \$3,888 be accepted. It is a very reasonable figure.

The total of these bids is \$22,268. The estimated cost of this addition was \$27,000, and that amount was included in the building budget for this biennium. In our estimate, however, we included, in addition to the work included in the above contracts, a new elevator, a vacuum cleaner, the heating and lighting, and the cost of plans, specifications, and the necessary walks and grading, which will bring the cost up to just about the amount of the estimate. Since these remaining contracts will all be minor ones with no questions of policy involved, I request the board to authorize me to award the remaining contracts necessary for the completion of the work, with the understanding that the original estimate of \$27,000 shall not be exceeded.



## BIDS ON ADDITION TO LIBRARY GENERAL CONTRACT.

Contractor.	Completion of work.	Extra per Cu. Yd. of Exca.	Extra per Cu. Yd. of concrete.
John B. Bennett .....	\$13,832 00	\$1 00	\$ 8 00
English Brothers .....	11,700 00	1 00	6 75
Freeman & Brooks .....	11,886 00	1 00	12 15
A. W. Stoolman .....	11,172 00	1 00	7 83

## BOOK STACKS.

Contractor.	Stacks in present building.	7,419 00 standard Stacks in addition to building.
Snead & Co. ....	\$670 00	\$7,208 00 open end
Art Metal Const. Co. ....		7,343 00 closed end
Library Bureau .....		8,890 00
		6,730 00 tube const.
		7,419 00 standard

## STONE WORK.

Stone F.O.B. Champaign, Kettle River Co.....	\$3,888 00
--	------------

## SUMMARY.

General contract .....	\$11,172 00
Stone .....	3,888 00
Book stacks .....	7,208 00
	<u>\$22,268 00</u>

On the recommendation of President James and on motion of Mrs. Henrotin, contracts were awarded, as recommended by the supervising architect, to A. W. Stoolman, for the masonry, at \$11,172; to Snead & Co. Iron Works, for the book stacks, at \$7,208; and to the Kettle River Co., for the stone work, at \$3,888; and the supervising architect was authorized to sign minor supplementary contracts within the total appropriation of \$27,000. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Meeker.

## ADDITION TO THE POWER HOUSE.

3. Bids were received on March 7, 1914, for the completion of the addition to the Power House in accordance with plans and specifications prepared by the Supervising Architect, and a summary of the bids is submitted herewith.

I recommend that the contract be awarded to Freeman and Brooks, the low bidders, on the basis of their bid of \$10,655, and completion by September 1, 1914.

The original estimate upon this addition to the Boiler House and the equipment proposed therein was \$44,880. The award of the contracts for equipment should be made from time to time during the next three months. There may be a dozen contracts involved. The equipment includes the following: Two 500 horsepower boilers; coal and ash conveyers; stokers, pumps and piping, track scales, track work, etc.

The detailed information which we have at this time shows that the preliminary estimate was very close. The full sum of \$44,880 should be appropriated for this work. To facilitate the purchase of equipment I recommend that the Committee on Buildings and Grounds be given power to award the various contracts involved.

## BIDS ON ADDITION TO POWER PLANT.

Contractor.	Completion of work.	Extra per Cu. Yd. of Exca.	Extra per Cu. Yd. of concrete.
A. W. Stoolman.....	\$11,762 00	\$1 00	\$ 7 83
English Brothers .....	12,700 00	1 00	6 25
Freeman & Brooks.....	10,655 00	2 50	12 15

On motion of Mr. Hoit, the contract for the addition to the boiler-house was awarded to Freeman & Brooks for \$10,655. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Meeker.

On motion of Superintendent Blair, the sum of \$33,150 was appropriated for the purchase of equipment for the boiler-house by the following vote: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Meeker.

On motion of Mr. Trevett, the purchase of the above equipment was referred to the Committee on Buildings and Grounds, with power to act.

#### OTHER BUILDINGS.

4. *Storehouse*.—Nothing has yet been done in preparing these plans.

5. *Observatory*.—The specifications are almost ready to call for bids for the erection of the Observatory.

6. *Administration Building*.—Plans have been in the hands of the State Architect for nearly three weeks.

7. *School of Education Building*.—The plans were sent to the State Architect on Saturday, March 7.

8. *Addition to the Chemical Laboratory*.—Plans have been returned from the State Architect to the office of the Supervising Architect for final checking up, before calling for bids.

During the presentation of the statement by the supervising architect, President Abbott was absent from the room for a short time, and Superintendent Blair took the chair.

#### STORAGE OF COAL.

The supervising architect reported also that the plan for the storage of coal on the land purchased for the College of Engineering had been found infeasible, because of the impossibility of obtaining the steel-work for the switch, and that the coal had been stored on the Conkle lots.

#### CERAMICS BUILDING.

The supervising architect presented plans for a building to be located on Goodwin Avenue and to be used ultimately by the Department of Ceramics.

This building, to cost about \$120,000 furnished, would be about as large as the completed Transportation Building. For the present, it would house parts of the work in ceramics, mining, municipal and sanitary engineering, and the State Geological Survey. The building cannot be completed during the present biennium, but construction can be put under way and considerable progress made.

On the recommendation of President James and on motion of Dr. Montgomery, the plans for the Ceramics Building were approved and the State Architect was authorized to proceed with the preparation of complete detailed plans.

#### WOMEN'S RESIDENCE HALL.

President James called the attention of the board to the matter of the site for the Women's Residence Hall, and Mrs. Evans, Chairman of the Committee on Students' Welfare, made an informal report. After some discussion, the Finance Committee was instructed to bring in recommendations concerning a site at the next meeting of the board.

#### SUIT OF MISS MARIE SEEBACH.

The secretary reported that he had been served with a summons addressed to the board in the suit of Miss Marie Seebach, a former student of the University, who was dropped for poor scholarship. This suit is an action for trespass asking damages in the amount of \$10,000.

The matter was ordered referred to Judge O. A. Harker, Legal Counsel of the University, for consideration and report.

**MATTERS PRESENTED BY PRESIDENT JAMES.**

The following matters were presented by the President of the University:

**PETITION OF DR. A. G. FAIRFAX.**

(1) The petition of Dr. A. G. Fairfax, which was laid over from the morning session [page 724].

The President of the University was instructed to inform Dr. Fairfax that the matter was in the hands of the faculty of the College of Medicine.

**LEAVE OF ABSENCE FOR DR. KINLEY.**

(2) A request from Vice-President David Kinley for a leave of absence from May 1 to October 10, 1914, for a trip to South America and Europe in the interests of international peace, on the invitation of the Cargenie Foundation for the Promotion of International Peace.

On the recommendation of President James and on motion of Mrs. Busey, the President of the University was authorized to give Dr. Kinley leave of absence from May 1, 1914, to October 10, 1914, provided Dr. Kinley's work can be properly cared for during that time.

**PURCHASE OF FORBES PROPERTY AS SITE FOR BOTANY AND ZOOLOGY LABORATORIES.**

(3) The departments of botany and zoölogy have urged very insistently for some years past the necessity of erecting some additional laboratories in the form of hothouses; the one as a vivarium for the Department of Zoölogy, and the other as a Plant Laboratory for the Department of Botany. The requests for appropriations for these buildings were approved by the board and put in the bill submitted to the last General Assembly. General plans of these buildings have already been approved by the board. We have not been able to find, up to the present time, any suitable site for these laboratories. It is desirable to have them as near both the Natural History Building and the power plant of the University as possible. After careful examination, the departments concerned and the Supervising Architect join in a recommendation that the two lots immediately east of Matthews Avenue, between Springfield Avenue and the interurban right-of-way, with the house thereon, now owned by Professor Forbes, be acquired for this purpose.

I recommend that the University acquire this property for this purpose; that the question of the value of the property be referred to a special committee; that if the committee finds the value is equal to \$10,000, they be authorized to offer that price to Professor Forbes for the property, that if it be less than that and Professor Forbes will not accept less, the Counsel of the University be instructed to initiate condemnation proceedings for the acquisition of the property.

On motion of Mrs. Evans, it was voted that the board acquire the two lots and the house belonging to Dr. Forbes. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; present but not voting, Mrs. Busey; absent, Mr. Dunne, Mr. Meeker.

The matter of the price to be paid for Professor Forbes' property was referred to the Finance Committee for consideration and report.

**COMMERCIAL ACTIVITIES OF THE UNIVERSITY.**

(4) A memorandum from Dr. Eugene Davenport, Dean of the College of Agriculture, stating the reasons for commercial activity in certain departments of the University.

On the recommendation of President James and on motion of Mrs. Henrotin, the memorandum was received and ordered to be printed in the minutes;

**[MEMORANDUM.]**

This University, like other institutions of its kind, is severely criticized from time to time by local business men and women for engaging in commercial activities, the contention being that the business belongs to the regular dealer who cannot compete and should not be forced to compete with State institutions supported by taxes which he himself has helped to pay.

If the institution should give away its products or even sell them at prices distinctly below the market rate, the force of this contention would be unquestioned. The objection would be equally well sustained if the University should engage in business for the primary purpose of making money, because its funds come through

appropriations; or of serving the public, because an institutional community, like any other, should serve itself in the usual ways, though the University cannot be criticized for doing what it may to improve the living conditions of the students, which at best are none too good.

Because of the frequency and bitterness of this criticism in all localities of our kind, it seems well that I should lay before you the reasons that compel many agricultural departments to engage in commercial activity at certain points, first of all remarking that for two internal reasons these activities are always kept at the minimum consistent with serving their purpose. First, we are not and cannot afford to be organized for commercial work; and second, because at best the net result of commercial enterprises in any educational organization is a money loss to the interest involved.

What then are the conditions that force such activities upon departments? In general, commercial dealings on the part of departments of the University arise naturally and inevitably in the course of conducting their regular work either of experimentation or instruction. To show how this can be, I will mention specific instances.

### DISPOSAL OF CROPS.

Besides its home grounds, the University is operating some forty experimental fields in different parts of the State. On all these fields crops are grown. Manifestly in the interest of the taxpayers the crops should be disposed of and the income turned back into the work for which the department is organized. To destroy these crops simply because they belong to the State and might in an infinitesimal way affect the market values is too puerile to deserve attention.

The product of an experimental orchard may or may not be in the same category. If the question involved is simply one of yield, the crop should be put upon the market like corn, wheat, oats, or any other crop. If, however, the experiment involves a considerable handling of individual apples, it may very well be that it will cost more to market the damaged stock than all the income that could be realized; in this case it is clearly the best policy to leave the crop rotting on the ground. In this way some wagon loads of excellent canteloupes have been buried in pits after being cut open and sampled, the only other possible disposal being to give them away to the poor or to the children of the street. Two objections would arise to this: one, the objection of the dealer; the other, and the more serious one, the interference with our regular work.

The same principles here sketched apply to the product of gardens as well as of fields and orchards and the practice is the same; namely, to pursue the course which will achieve the purpose of the department and, when that purpose is achieved, dispose of the product the way that will result in the minimum loss.

### LIVE STOCK.

Any institution of our kind must keep flocks and herds both for instruction and for experimentation. These flocks and herds if kept under normal conditions, as they should be, will of course increase. What should be done with the increase?

It is criminally foolish to destroy it. In the early days the colleges used to pride themselves upon this produce of their herds, many times holding public sales in order to avoid the criticism of possible favoritism in the disposal to private parties. This, however, resulted in bitter complaints when one of these sales chanced to come but a few days in advance of a similar sale advertised by a private breeder. The result has been that for many years all live stock from institutions of this kind has been disposed of at private sales and upon terms identical with those of the private dealers. Long ago the colleges, forced into a corner at this point, demanded the right to dispose of their products in one way or the other. They have taken the least conspicuous way and public opinion has forced the breeders to acknowledge their rights, so that this point is no longer contended by anybody; indeed, a few institutions have re-established the public sale.

### BUTTER.

Dairy herds will produce milk which must be fed, worked up, or poured into the sewers. As a matter of practice, it is either sold as commercial milk or made into butter. The latter course is necessary wherever the institution offers instruction in butter making, as is the case in most instances, for students cannot be taught butter-making without making butter any more than they can be taught chemistry without laboratories. As the students have increased in number it has been necessary to purchase milk, for no college herd is large enough to produce the amount needed for the large classes of the present day.

When the butter is made, the question arises as to its disposal. May it be sold in the community which produces the milk, or must it be secretly disposed of in a distant market in order to avoid criticism? Clearly the college is well within its rights when it insists upon disposing of this butter in such a way as will best serve the purpose of instruction and result in the least loss to the institution, for all courses of this kind are expensive and are bound at the best to result in financial loss. In general, the practice has settled down to disposing of this product in the local markets with more or less complications due to jealousies between individual dealers. A strange trait in human nature comes to the surface at this juncture in that the college product is nearly always held to be inferior to the commercial product and yet, as experience shows, the dealers are extremely anxious to get it.

In connection with the disposition of butter there generally arises the question of the retail business. It has almost invariably resulted in the institution conducting a small retail business at the usual retail prices. However, this has been mainly in response to the demand of the public outside and in general without the desire of the department. It arises in this way: Professor Jones or Mayor Smith very much desire University butter. It is not handled by his grocer, and thereupon his family prefers to send or to go direct to the institution for the sake of getting the product, in which case it has commonly been the practice to let them have it, all of which affords a good example of the fact that within the community the dealers and the consuming public are often at opposites.

#### MILK.

Manifestly the handling of cheese and ice cream would follow the same lines as those developed in the butter business, but when the institution is conducting investigations in a city milk trade or giving courses of instruction in city milk supply, an additional element enters the field, namely, the method of sale as well as the manufacture of the product. Butter is commonly sold like any other standard commodity, passing from the manufacturers to the retailers through the wholesale trade and sold in wrappers. Milk, on the other hand, is extremely perishable, and its successful handling depends as much upon the methods of transportation and distribution as upon the way in which the initial product is manufactured. It therefore becomes necessary in conducting instruction and experiments of this kind, to actually handle the product through serving the community by a milk route. This invariably gives rise to opposition among local milk men. For example, in our own institution many years ago, we began, as a matter of experimentation, the delivery of milk in bottles, ours being the first bottled milk in Illinois. This was long before such a thing as certified milk was known. The local milk men were at that time peddling from market wagons or old buggies. The milk was kept in cans and dipped or poured into the customer's pitcher or crock. The dealers objected strenuously to our bottles and our painted wagons and undertook by every device which they could invent to prevent the University from going on with its experiment. The final result was of course, new standards of commercial milk and the imitation of our methods with more or less success on the part of the dealers. From time to time, however, there has arisen the objection that we were interfering with local business, though we have always limited the amount to the capacity of a single wagon, which is really an unprofitable minimum. The present flurry among milk men is due to the fact that Dr. Harding has undertaken to reduce our losses by making two trips with one wagon, in this way taking on a few additional names from our long waiting list, which sometimes contains fifty or more names of people who have been waiting possibly as long as five years. The whole distribution at the present time is about 450 quarts of milk a day, an amount which is certainly insignificant in a population of twenty-five thousand people. Whether it would be insignificant or not, the department clearly must reserve the right to conduct a minimum business with the least loss possible when that business is of necessity involved in its regular work of instruction, and for this purpose it is entitled to enjoy the same local privileges as any other dealer.

#### DISPOSAL OF FLOWERS.

With the development of the floricultural interests of the University there inevitably arose the question of the disposal of the flowers. In this case the opposition to the University procedure took the form of an attempt on the part of the local dealers to induce the State Florists' Association to pass resolutions condemning the University for selling stock locally. As usual, the argument was based upon the assertion that our stock was inferior, thus tending to destroy local standards. Upon this point, as in other similar instances, the opinion of the public will be found at variance with that of the dealers; indeed, the real fact was that the quality of the flowers produced by the University had tended, as in the case of milk, to set new standards in the public mind.

The Department of Horticulture has never put its flowers upon the open market, not because of this objection, but because it has never felt that it was justified in the expense of selling its stock other than wholesale. Again, speaking for the general interest, I should certainly reserve the right to dispose of the flowers of the University greenhouses, necessarily produced in the course of instruction and experimentation, in such a way as seems best to promote the floricultural interests of the University, financially as well as otherwise. It is perfectly easy to see that conditions may one day arise when the growth of numbers in the floricultural classes will make it in every way desirable, if not necessary, that the University flowers should be put on the retail market.

#### CAFETERIA.

With the expansion of the Department of Household Science, covering many lines of food and its preparation, the demand arose for instruction in lunchroom management. This was a perfectly natural demand in view of the rapid increase of cafeterias in connection with Christian Associations, high schools, et cetera. It is impossible to give valuable instruction in lunchroom management which would enable the students successfully to conduct such enterprises unless the department should actually have in operation a living cafeteria. Here again, as in the case of milk, the point of instruction was not simply the preparation of the product, but its final disposition; that is to say, there is as much in the outfitting and operation of the eating-room as in the installation and operation of the kitchen.

Here again, following the general principle, the cafeteria was organized on the smallest possible economic basis of 150 to 200 guests, serving one meal a day. Anything smaller than this would result in a financial loss and would at once swamp the enterprise. It is a very small unit when compared with commercial cafeterias, which serve from one to three meals a day to from five hundred to fifteen hundred people. This, again, as in similar cases, has given rise to severe criticism and the threatened attempt to put the University out of business at this point. It will, of course, give rise to the question whether the University is to be enabled to give instruction in lines that are demanded by the public who pay the bills for the operation of the University, and if it is to give the instruction, whether the department or the boarding-house keepers shall be the judge as to the methods of instruction to be pursued.

Such a report as this might go on indefinitely, but I have stated enough to show the reason for the commercial activities which institutions like ours engage in and also the reasons for their being held at the minimum. I will attempt to state the general principles covering the issue in the briefest possible form as follows:

#### GENERAL PRINCIPLES GOVERNING COMMERCIAL ACTIVITIES OF AGRICULTURAL DEPARTMENTS.

1. If an experiment or a course of instruction results in a product of commercial value, the department will realize upon that product or not according to the course which is cheapest.

2. If an experiment or a course of instruction involves a method of selling or of serving as well as the method of production, then the department is forced to engage in selling, in which case it will be guided by two principles.

(a) The unit of activity must be large enough to serve the purpose and to be financially possible.

(b) It will be no larger than this minimum unit, because all commercial business is distracting to the department and is of itself undesirable except for important reasons growing directly out of instruction and research.

3. Upon all these points the department must be the judge, just as the Department of Chemistry is judge of its laboratory work or the Department of Economics of what it teaches in the classroom; and within the reasonable limits herein specified, it can be dictated to by no outside body.

#### FINANCIAL REPORTS.

At this point Mr. Moore presented for the Finance Committee the reports of the United States Audit Company for the quarter ending December 31, 1913, and of Treasurer M. W. Busey for the quarters ending September 30 and December 31, 1913, which were received to be filed, certain parts to be printed in the minutes.

#### AUDIT REPORT.

February 9, 1914.

*Honorable Allen F. Moore, Chairman, Finance Committee, University of Illinois, Monticello, Ill.*

DEAR SIR: In accordance with your instruction, we have made an audit of the books and accounts of the University of Illinois for the second quarter of the fiscal year, ended December 31, 1913.

We verified the cash receipts in detail, as shown on Schedule "2."

The cash disbursements, as shown on Schedules "4a" and "4b," were verified by us in total by comparing all vouchers issued during the quarter with entries in the warrant register, proving the footings of the warrant register and disbursement ledgers, and by reconciling the balances of the University treasurer and State Auditor as of December 31, 1913.

We tested the postings to the disbursement ledgers, as summarized on the above named statements, and found all items so tested to be correct.

We obtained a letter from Busey's Bank, certifying to balances as follows:

General fund .....	\$207,928 30
United States Agricultural Experiment Station fund .....	32,188 48
College of Medicine fund .....	18,143 78
School of Pharmacy fund .....	1,530 36

**\$259,790 92**

We counted the cash fund of the bursar on the morning of January 6, 1914, and found same to be in accordance with the books.

The interest on endowment fund due July 1, 1913, had not been received by the University of Illinois at the close of the quarter under review.

We submit various schedules, as enumerated on the index prefixed hereto, and certify that the cash receipts and disbursements as shown therein are correct in total and in accordance with the books and records of the University of Illinois.

Yours very truly,

UNITED STATES AUDIT CO.

WHITNEY B. FLERSHEM,

*Certified Public Accountant.*

## TREASURER'S REPORTS.

M. W. BUSEY, TREASURER, IN ACCOUNT WITH THE UNIVERSITY OF ILLINOIS, QUARTER  
ENDING SEPTEMBER 30, 1913.

1913.		Dr.		
July 1	Balance on hand—			
	General fund .....	\$409,550	14	
	Ag. Exper. Sta. fund .....	4,223	68	
	College of Medicine fund .....	8,553	59	
	School of Pharmacy fund .....	3,220	70	
				\$425,548 11
July	Received from O. E. Staples, Bursar, for credit of general fund .....	\$15,610	39	
August	“ “ “ “ .....	11,544	96	
September	“ “ “ “ .....	78,241	12	
July	Received from the treasurer of the United States, for credit of the Agricultural Experiment Station fund .....	57,500	00	
August	See debit general fund .....	447	81	
July	Received from J. S. Tomlinson, Actuary, for credit of School of Medicine fund .....	1,451	00	
August	“ “ “ “ .....	343	78	
September	“ “ “ “ .....	2,818	73	
July	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund .....	302	44	
August	“ “ “ “ .....	180	00	
September	“ “ “ “ .....	14,875	95	
				183,316 18
				\$608 864 29
1913.		Cr.		
September 30	Paid out, general fund .....	\$319,313	36	
“	Paid out, Ag. Ex. Sta. fund .....	8,859	20	
“	Paid out, College of Medicine fund .....	10,944	23	
“	Paid out, School of Pharmacy fund .....	1,912	85	
				\$341,029 64
Balances—				
	General fund .....	\$195,633	25	
	Ag. Exper. Station fund .....	53,312	29	
	College of Medicine fund .....	2,222	87	
	School of Pharmacy fund .....	16,666	24	
				267,834 65
				\$608,864 29
		Respectfully submitted,		
		M. W. BUSEY, Treasurer.		

M. W. BUSEY, TREASURER, IN ACCOUNT WITH THE UNIVERSITY OF ILLINOIS, QUARTER  
ENDING DECEMBER 31, 1913.

1913.		Dr.	
October 1	Balance on hand—		
	General fund .....	\$195,633	25
	Ag. Exp. Sta. fund .....	53,312	29
	College of Medicine fund .....	2,222	87
	School of Pharmacy fund .....	16,666	24
			<hr/>
			\$267,834 65
October	Received from O. E. Staples, Bursar, for credit of general fund .....	\$85,975	20
November	“ “ “ “ .....	10,008	76
December	“ “ “ “ .....	11,439	46
October	Received from U. S. Treas. for credit of Ag. Expt. Sta. fund .....	7,500	00
December	Received from O. E. Staples for credit of Ag. Expt. Sta. fund .....		4 13
October	Received from J. S. Tomlinson, Actuary, for credit of College of Medicine fund (Including dentistry) .....	36,254	65
November	“ “ “ “ .....	3,747	07
December	“ “ “ “ .....	1,393	60
October	Received from W. B. Day, Actuary, for credit of School of Pharmacy fund .....	1,395	00
November	“ “ “ “ .....	402	00
December	“ “ “ “ .....	1,328	00
			<hr/>
			159,447 37
			<hr/>
			\$427,282 52
1913.		Cr.	
December 31	Paid out, general fund .....	\$95,128	37
“	Paid out, Ag. Exp. Sta. fund .....	59,286	06
“	Paid out, College of Medicine fund .....	11,429	71
“	Paid out, School of Pharmacy fund .....	1,647	46
			<hr/>
			\$167,491 60

**TREASURER'S REPORTS—CONCLUDED.**

Balances—		
General fund .....	\$207,928 30	
College of Medicine fund .....	32,188 48	
Agr. Exp. Sta. fund .....	1,530 36	
School of Pharmacy fund .....	18,143 78	
		<hr/>
		\$259,790 92
		<hr/>
		\$427,282 52

Respectfully submitted,

M. W. BUSEY, *Treasurer.*

At this point Mr. Blair and Mr. Moore withdrew.

**MATTERS PRESENTED BY PRESIDENT JAMES.**

The President of the University continued his presentation of matters for the consideration of the board.

**GRADUATE SCHOLARSHIPS AND FELLOWSHIPS.**

(5) A request that the President of the University be given authority to appoint scholars and fellows in the Graduate School for the academic year 1914-15, and that an appropriation of \$22,400 be made for the stipendia.

On motion of Mrs. Henrotin, the desired authority was given and the appropriation of \$22,400 involved 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.

**CO-OPERATIVE MINES INVESTIGATION.**

(6) A statement that, through a clerical error, the item of \$5,000 for the Cooperative Mines Investigation, conducted on the basis of a contract between the Board of Trustees and certain agencies of the federal and state governments, had been omitted from the budget as passed by the board at the meeting of January 21, 1914.

On the recommendation of President James and on motion of Dr. Montgomery, the sum of \$5,000 was appropriated for the Co-operative Mines Investigation. 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.

**CONTRACT FOR THE PIPE ORGAN.**

(7) A statement concerning the contract for the purchase of a pipe organ for the Auditorium, authorized at the meeting of January 21, 1914.

The committee, consisting of Raymond M. Alden, George E. Frazer, El. W. Murphy, H. H. Stoek, James M. White, and Charles H. Mills, have gone over the whole matter again at my request, and desire to make certain minor changes in the contract, protecting more carefully the interests of the University. They also recommend very strongly the purchase of chimes for the organ at a cost of \$500. This would make the total contract price for the organ \$15,500. This includes the cost of all the material of the organ and setting it up in place. It does not include the preparation of the organ loft, nor of the Auditorium room itself for the installation of the organ. It will be necessary for the University to build an organ box in the organ loft, and to insert grills in the arches of the Auditorium over the stage. The members of the committee have expressed themselves as extremely well satisfied with the proposition of the Casavant firm, and feel confident that, if carried out properly, it will secure a first-class organ.

On the recommendation of President James and on motion of Dr. Montgomery, the comptroller was authorized to sign the contract with Casavant Brothers in the total amount of \$15,500, and the appropriation of the \$500 additional required to make up this amount 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.

**COMMISSIONS ON RACIAL HISTORY AND CULTURE.**

(8) The following statement concerning a series of commissions on the history and culture of the various racial and national elements which have entered into the life of American society.



On July 5, 1912, the board gave the President of the University authority to appoint a commission on Jewish-American History and Culture. The object of this commission was to devise ways and means of increasing the collections of the University bearing upon the subject of Jewish-American history and culture, and to promote the general interest of the University and the public in this subject. Similar authority was given to appoint a commission on German-American history and culture.

Although I have not appointed these commissions, some interest has already been excited in the matter, resulting in a gift of money for the purchase for the University Library of books relating to the history and civilization of the Jews.

I have been over the details of the plan with the head of the History Department, and it seems as if valuable results might be achieved for the University by an enlargement of the scope of the plan. I recommend that the President of the University be authorized to announce the fact that the University will attempt to secure in its library collections of books, manuscripts, maps, specimens of art and archeology, etc., bearing on the history of the different racial and national elements which have entered into the life of our national body politic and social.

I recommend further that he be given authority to appoint a series of commissions upon the history and culture of the various racial and national elements which have entered into the life and history of the American people. This would mean that in addition to the commission on Jewish-American history and German-American history, he should appoint one on the Irish-American elements, one on the French-American elements, one on the Dutch-American elements, one on the Scandinavian-American elements, one on the Hungarian-American elements, one on the Polish-American elements, one on the Slavic-American elements, etc., all of which should work together to accomplish the result of securing in our University Library comprehensive collections bearing on the history of the constant elements of our people.

As indicated in the action previously taken, these commissions would consist partly of members of our own faculty, but chiefly of men outside the University, and, where desirable, outside of the State, whose cooperation might be enlisted in this work.

On the recommendation of President James and on motion of Dr. Montgomery, the desired authority was given.

At this point Miss Watson withdrew.

#### INTER-UNIVERSITY COMMITTEE TO PREPARE MATERIAL FOR STATE CONSTITUTIONAL CONVENTION.

(9) A statement concerning a joint university committee to prepare material for a possible State constitutional convention.

For some time certain members of the law faculties of Northwestern University, the University of Chicago, and the University of Illinois have been conferring together as to the possibility of preparing material which might be of use to the State when a convention should be called to revise the State Constitution.

At the suggestion of these gentlemen, I invited President Harris, of Northwestern University, and President Judson, of the University of Chicago, to cooperate with me in appointing a joint committee on this subject; and, with their consent, I appointed Professors Wigmore and Scofield of Northwestern University, Professors Hall and Freund of the University of Chicago, and Professors Harker and Dodd of the University of Illinois. This committee has held two sessions and planned a piece of cooperative work, which I think will prove highly valuable to the people of the State in facilitating the work preparatory to drafting a new Constitution. They proposed at their meeting held February 7, 1914, at the City Club, in Chicago, to recommend to the three universities concerned that the traveling expenses of the members of this committee, in attendance upon meetings of the same, the cost of mimeographing the work of the committee, and of collecting material for the use of the committee should be a joint charge upon the three universities.

On motion of Mrs. Henrotin, the recommendation of the committee was approved and the sum of \$100, or so much thereof as may be necessary, was made. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoyt, Mr. Montgomery, Mr. Trevett; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Meeker, Mr. Moore, Miss Watson.

At this point Miss Watson returned to the meeting.

#### GREGORY MEMORIAL BUILDING.

(10) A letter from Mr. S. A. Bullard in the matter of the Gregory Memorial. On October 8, 1912, the board gave the President of the University authority to consider, with a committee of the alumni, or with others interested in the matter, the possibility of erecting a suitable building on the campus as a memorial to the first Regent of the University. I have discussed this matter at various times with Mr. S. A. Bullard, Chairman of the Alumni Committee. In a recent letter, he states his opinion that it is necessary, before a proposition can be formulated so as to command the support of the alumni, that the board should indicate its willingness to assign a site on the University campus for the erection of such a memorial building in honor of the first Regent of the University, and to be named after him.

On the recommendation of President James and on motion of Dr. Montgomery, it was voted that the board greets with pleasure the suggestion from members of the Alumni Association that the alumni and other friends of the University may erect a building upon the University campus, for University use, in honor of the first regent of the University, Dr. John Milton Gregory; and that in case a sufficient sum be raised for such a building, a suitable site will be assigned for its location.

#### OPENING OF SWIMMING POOL IN WOMAN'S GYMNASIUM.

(11) A recommendation from Miss Gertrude E. Moulton, Director of Physical Training for Women, that the swimming pool in the Women's Gymnasium be opened to the wives of members of the faculty at nine o'clock on Tuesday mornings, to their children at nine o'clock on Saturday morning; that a fee of \$2 for each person be assessed for the privilege; and that students appointed by Miss Moulton, at a cost not to exceed fifty cents an hour, be in charge of the pool at these hours.

On the recommendation of President James and on motion of Mrs. Henrotin, this request was referred to the Committee on Students' Welfare with power to act.

#### SENIOR MEMORIALS.

(12) A letter from Professor James M. White, Supervising Architect, concerning the policy of the University with respect to senior memorials.

No action was taken concerning this matter.

#### EXTENSION OF SCHOLARSHIP OF MR. J. G. RUCKLE.

(13) A letter from Mr. J. G. Ruckle, a senior in the College of Agriculture, who had been unavoidably absent from the University for one year, requesting that his scholarship in agriculture be extended for one year.

On the recommendation of President James and on motion of Mrs. Evans, the President of the University was authorized to extend Mr. Ruckle's scholarship for one year.

At this point Mrs. Henrotin and Miss Watson withdrew, and, the absence of a quorum having been noted, the board adjourned.

W. L. ABBOTT, *President*.

H. E. CUNNINGHAM, *Secretary*.

#### MEETING OF THE EXECUTIVE COMMITTEE, MARCH 10, 1914.

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held in the Trustees' Room, in the Natural History Building, University Campus, at Urbana, immediately following the adjournment of the annual meeting of the board, on Tuesday, March 10, 1914.

There were present: Messrs. Abbott and Trevett, members of the Executive Committee; also Mrs. Busey, Mrs. Evans, Mr. Hoit and Dr. Montgomery, members of the board.

President James was present.

#### MATTERS PRESENTED BY PRESIDENT JAMES.

The President of the University presented the following matters for the consideration of the Executive Committee:

#### EXHIBIT AT PANAMA WORLD'S FAIR.

(1) A letter from Dr. David Kinley, Director of the Courses in Commerce, forwarding a request from Dr. E. G. Dexter to the effect that the University be represented at the World's Fair at Panama in 1914-15, by an educational exhibit, illustrating particularly the courses in commerce.

On the recommendation of President James and on motion, the Director of the Courses in Commerce was authorized to prepare such an exhibit at a cost not to exceed \$250.

### HOUSES ON SITE OF EDUCATION BUILDING.

(2) Recommendations concerning the houses on the lots purchased as a site for the School of Education Building:

1. That the comptroller be given authority to sell the houses on lots 5, 6 and 7 of block 55, in the Seminary Addition to Urbana.
2. That the house on lot 8 be moved to the rear of lot 9, and that this house and the one now on lot 9 be put in order for University use.

On motion, these recommendations were approved.

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

The secretary of the board presented the following report of appointments made by the President of the University under the authority of the Board of Trustees, which was received for record.

Ball, T. R., Assistant in Chemistry, for the second semester of the academic year 1913-14, beginning February 1 and continuing until June 30, at a salary of sixty dollars (\$60) a month, this appointment superseding his appointment as graduate assistant, vice T. E. Layng, resigned. (February 5, 1914.)\*

Braley, S. A., Graduate Assistant in Chemistry, for the second semester of the academic year 1913-14, beginning February 1 and continuing until June 30, at a salary of thirty dollars (\$30) a month, this appointment superseding his former appointment as student assistant, vice T. R. Ball. (February 5, 1914.)

Hieronimus, R. E., Community Advisor on the staff of the University, at a salary of two hundred fifty dollars (\$250) a month, for five months, beginning February 1, 1914. (February 2, 1914.)

Flattery, Amanda M., Catalog Assistant in the Library, beginning November 25, 1913, at a salary of sixty dollars (\$60) a month; accepted, under protest (by reason of the appointee's advanced age), on the certification of the Civil Service Commission.

Gaut, Rosa-Lee, Assistant in Physical Training for Women, for three months, beginning April 1, 1914, at a salary of fifty dollars (\$50) a month, this appointment superseding her previous appointment at forty dollars a month. (March 7, 1914.)

Lee, Edward C., Instructor in the Illinois Miners' and Mechanics' Institutes, for one year, beginning March 16, 1914, at a salary of one hundred fifty dollars (\$150) a month. (March 7, 1914.)

Lee, William H., Clerk of the Practice Court of the College of Law, for the academic year 1913-14, at a salary of one hundred dollars (\$100) for the year, to be paid in two installments of fifty dollars (\$50) each at the close of the first and second semesters, respectively, upon certification by the Dean of the College of Law that he has performed the duties of the position satisfactorily. (February 4, 1914.)

Lyman, L. T., Student Assistant in Chemistry, for five months, beginning February 1, 1914, at a salary of ten dollars (\$10) a month. (March 9, 1914.)

Math, Earle R., Assistant in Architectural Construction, for five months, beginning February 1, 1914, and continuing until June 30, 1914, at a salary of one hundred forty dollars (\$140) a month. (January 24, 1914.)

Moore, Charles R., Instructor in Electrical Engineering, at a salary of one hundred thirty dollars (\$130) a month, beginning as soon as he reports for service and continuing until June 30, 1914, vice F. C. Loring. (January 23, 1914.)

Morgan, W. L., Instructor in the Illinois Miners' and Mechanics' Institutes, for one year, beginning February 16, 1914, at a salary of one hundred fifty dollars (\$150) a month. (February 20, 1914.)

Muehlman, Ralph E., Assistant in Architectural Design, at a salary of one hundred forty dollars (\$140) a month, for five months, beginning February 1, 1914. (February 3, 1914.)

Samuels, T. W., Assistant in Economics, on part time, beginning February 19, 1914, and continuing until June 30, 1914, at a total remuneration for the period of two hundred dollars (\$200). (February 24, 1914.)

Sheftel, Yetta, Research Assistant in the Illinois Survey, at a salary of one hundred dollars (\$100) a month, beginning when she reports for duty and continuing until June 30, 1914. (February 20, 1914.)

Sims, C. E., Student Assistant in Chemistry, for the second semester of the academic year 1913-14, beginning February 1 and continuing until June 30, at a salary of ten dollars (\$10) a month, vice S. A. Braley. (February 5, 1914.)

Skinner, G. S., Graduate Assistant in Chemistry, for five months beginning February 1, 1914, at a salary of thirty dollars (\$30) a month, this appointment superseding his former appointment as Student Assistant. (March 9, 1914.)

Waddell, Mary L., Scientific Assistant and Cataloger in the Museum of Natural History, at a salary of seventy dollars (\$70) a month, beginning February 1, 1914, and continuing until June 30, 1914. (February 5, 1914.)

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

**THE REGISTRAR'S REPORT OF FEES PAYABLE, FIRST  
SEMESTER, 1913-14.**

The secretary of the board presented the registrar's report of fees payable for the first semester of the academic year 1913-14. This report was received for record:

	Gross.	Refund.	Net total.
<b>Matriculation Fees—</b>			
1185 @ \$10.00 .....	\$11,850 00		
Refund 94 @ \$10.00 .....		\$940 00	\$10,910 00
Total matriculation fees.....	\$11,850 00	\$ 940 00	\$10,910 00
<b>Incidental Fees—</b>			
3121 @ \$12.00 .....	37,452 00		
Refund 134 @ \$12.00 .....		1,608 00	35,844 00
5 @ \$6.00 .....	30 00		
Refund 37 @ \$6.00 .....		222 00	—192 00
Total incidental fees.....	\$37,482 00	\$1,830 00	\$35,652 00
<b>Tuition Fees—</b>			
594 @ \$7.50 .....	4,455 00		
Refund 144 @ \$7.50 .....		1,080 00	3,375 00
3 @ \$3.75 (one-half) .....	11 25		
Refund 10 @ \$3.75 (one-half) .....		37 50	—26 25
96 @ \$25.00 (law) .....	2,400 00		2,400 00
5 @ \$12.50 (one-half, law) .....	62 50		
Refund 2 @ \$12.50 .....		25 00	37 50
16 @ \$5.00 (courses, law) .....	80 00		
Refund 2 @ \$5.00 .....		10 00	70 00
Total tuition fees.....	\$7,008 75	\$1,152 50	\$5,856 25
Total general fees.....	\$56,340 75	\$3,922 50	\$52,418 25
<b>Music Fees—</b>			
2 @ \$7.50 .....	15 00	4 25	—4 25
Refund 1 @ \$7.50 .....		7 50	7 50
53 @ \$8.50 .....	450 50		
Refund 2 @ \$8.50 .....		17 00	433 50
1 @ \$9.00 .....	9 00		9 00
2 @ \$11.00 .....	22 00		22 00
1 @ \$13.50 .....	13 50		
Refund 2 @ \$13.50 .....		27 00	—13 50
16 @ \$15.00 .....	240 00		240 00
2 @ \$19.50 .....	39 00		39 00
3 @ \$25.00 .....	75 00		
Refund 1 @ \$25.00 .....		25 00	50 00
Total music fees.....	\$ 864 00	\$ 80 75	\$ 783 25
<b>Laboratory Fees—</b>			
Architecture .....	367 50	6 50	361 00
Botany .....	1,161 00	267 75	893 25
Ceramics .....	113 00	5 00	108 00
Chemistry .....	8,580 00	932 50	7,647 50
Civil engineering .....	372 00	4 75	367 25
Electrical engineering .....	533 00	13 00	520 00
English (charged in error) .....	1 00	1 00	
Entomology .....	140 00	5 75	134 25
General engineering drawing .....	105 00	12 00	93 00
Geology .....	273 75	19 87	253 88
Household science .....	440 00	27 50	412 50
Mechanical engineering .....	377 50	4 00	373 50
Mining engineering .....	16 00		16 00
Mun. and San. engineering .....	65 00		65 00
Physical training (charged in error) .....	7 50	7 50	
Physics .....	1,003 00	24 00	979 00
Physiology .....	175 00	3 50	171 50
Psychology .....	6 00		6 00
T. & A. mechanics .....	444 00	9 00	435 00
Zoölogy .....	467 00	19 50	447 50
Total Laboratory fees.....	\$14,647 25	\$1,363 12	\$13,284 13
<b>Listener's Fees—</b>			
12 @ \$7.50 .....	90 00		
Refund 2 @ \$7.50 .....		15 00	75 00
<b>Special Examination Fees—</b>			
194 @ \$5.00 .....	970 00		
Refund 2 @ \$5.00 .....		10 00	960 00
<b>Late Registration Fees—</b>			
82 @ \$1.00 .....	82 00		82 00
<b>Change Fees—</b>			
366 @ \$1.00 .....	366 00		
Refund 2 @ \$1.00 .....		2 00	364 00

**THE REGISTRAR'S REPORT OF FEES PAYABLE FIRST  
SEMESTER, 1913-14—CONCLUDED.**

	Gross.	Refund.	Net total.
Diploma Fees—			
5 @ \$2.00 (new diplomas made).....	\$10 00	.....	.....
Refund 1 @ \$5.00 .....	.....	\$5 00	\$5 00
Total special fees.....	\$1,518 00	\$32 00	\$1,486 00
Total fees.....	\$73,370 00	\$5,398 37	\$67,971 63

**FEE IN ANIMAL HUSBANDRY 30.**

The secretary of the board presented the following communication from  
Dr. K. C. Babcock, Secretary of the Council of Administration:

URBANA, ILL., January 22, 1914.

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

MY DEAR PRESIDENT JAMES: The Council of Administration, at its meeting of January 20, voted to recommend to the Board of Trustees the placing of a laboratory fee of one dollar on the course known as Animal Husbandry 30 (Genetics). I am accordingly transmitting this official notice of their action.

Very truly yours,

KENDRICK C. BABCOCK,  
*Secretary of the Council of Administration.*

The placing of this fee was authorized as recommended.

**RESOLUTIONS OF THE CHAMBER OF COMMERCE OF CHAMPAIGN.**

The secretary of the board presented resolutions adopted by the Chamber of Commerce of Champaign, congratulating Dr. David Kinley and the Board of Trustees upon the appointment of Dr. Kinley as Vice-President of the University.

On motion, these resolutions were received and placed on file.

**RESOLUTIONS OF THE ILLINOIS CLAY MANUFACTURERS'  
ASSOCIATION.**

The secretary of the board presented resolutions adopted by the Illinois Clay Manufacturers' Association, thanking the University for its support of the Department of Ceramics in connection with the winter short course in ceramics.

These resolutions were received and placed on file.

The Executive Committee adjourned.

W. L. ABBOTT, *Chairman.*

H. E. CUNNINGHAM, *Clerk.*

## **Meeting of April 9, 1914.**

A meeting of the Executive Committee of the Board of Trustees was held in the office of the President of the University, at Urbana, on Thursday, April 9, 1914, beginning at 4:30 P.M.

There were present: Messrs. Abbott and Trevett, members of the committee, and Vice-President Kinley.

### **MATTERS PRESENTED BY VICE-PRESIDENT KINLEY.**

Vice-President Kinley presented the following matters for the consideration of the Executive Committee:

#### **LEASE OF HAINES PROPERTY.**

(1) The renewal of the lease and option on 47.67 acres of land near the Illinois Central Railway owned by Mr. and Mrs. Frederick A. Haines, for use by the Departments of Agronomy and Dairy Husbandry. The annual rental involved is \$715.44, and the option, expiring September 1, 1914, is at the rate of \$750 an acre. In accepting the lease and option on December 1, 1912, the board expressed the opinion that the price asked for the land was excessive. Inasmuch as the amount of land involved is larger than is needed, and the work can be transferred without vital loss to some of the land recently acquired by the University, and furthermore as the option, which expires on September 1, does not seem to offer any real advantage to the University, I recommend that the lease and option be not renewed.

The committee voted to approve the recommendation.

#### **EMERGENCY HOSPITAL AND STUDENT HEALTH WORK.**

(2) A recommendation that the sum of three thousand dollars (\$3,000) or so much thereof as may be needed, be appropriated to meet the expenses of the emergency hospital and student health work to May 1, 1914. The items charged against the account to April 6 amount to \$2,358.54. It is estimated that the expense for the rest of April will be about \$500. The estimated charges against students to April 8 is \$816.

The committee voted to make the appropriation as recommended.

#### **REBATES TO STUDENTS.**

(3) A recommendation that the sum of eight thousand dollars (\$8,000) be appropriated for rebates to students for the present fiscal year. This item was omitted by clerical error from the annual budget.

The committee voted to make this appropriation.

#### **TRANSFER OF FUNDS.**

(4) A recommendation that the sum of one thousand seven hundred fifty dollars (\$1,750) of the Hatch fund be transferred from the nitrogen fixation experimental work, to which it was appropriated, to the Department of Dairy Husbandry.

(5) A recommendation that the sum of eight hundred dollars (\$800) be transferred from the appropriation made to the general office of the College of Agriculture to the Department of Agricultural Extension.

The committee voted to make these transfers.

#### **COMPTROLLER AUTHORIZED TO SIGN LEASES.**

(6) A recommendation that the comptroller be given authority to sign leases of land for agricultural experimental work: *Provided*, that no officer of the University shall enter into negotiations to secure such leases or deeds without previous specific authorization from the President of the University.

The committee voted to approve this recommendation.

## APPROVAL OF LEASES.

(7) A recommendation that the leases already signed by the comptroller be approved, as follows:

## AGRONOMY EXPERIMENT FIELD LEASES.

1. 

<i>Location</i> Antioch	<i>Lessor</i> D. M. White	<i>Date</i> Feb. 25, 1914	<i>Tenure</i> Indefinite	<i>Annual Rental</i> \$8.50
----------------------------	------------------------------	------------------------------	-----------------------------	--------------------------------

*Description*  
One and seven-tenths (1.7) acres in the northwest quarter of the southwest quarter of the northeast quarter of section 22, township 46 north, range 10 east of the third principal meridian; located on the farm of David M. White, three miles southeast of Antioch, Lake County, Ill.

*Conditions*  
Either party may terminate lease at the end of any biennium.
2. 

<i>Location</i> Bloomington	<i>Lessor</i> 2d Presby. Church	<i>Date</i> Nov. 18, 1913	<i>Tenure</i> Indefinite	<i>Annual Rental</i> \$60.00
--------------------------------	---------------------------------------	------------------------------	-----------------------------	---------------------------------

*Description*  
Four and four-tenths (4.4) acres of land, beginning at the northeast corner of the northwest quarter ( $\frac{1}{4}$ ) of the southwest quarter ( $\frac{1}{4}$ ) of section twenty-five (25), township twenty-four (24) north, range two (2) east of the third principal meridian, thence south twenty-two (22) rods, thence west thirty-two (32) rods, thence north twenty-two (22) rods, thence east thirty-two (32) rods to the point of beginning.

*Condition*  
University may terminate lease at the end of any year.
3. 

<i>Location</i> Carlinville	<i>Lessor</i> Blackburn College	<i>Date</i> Aug. 3, 1909	<i>Tenure</i> Indefinite	<i>Annual Rental</i> None
--------------------------------	------------------------------------	-----------------------------	-----------------------------	------------------------------

*Description*  
Twenty acres of land located in the north one-half (N.  $\frac{1}{2}$ ) of the southeast one-fourth (S. E.  $\frac{1}{4}$ ) of the southeast one-fourth (S. E.  $\frac{1}{4}$ ) of section twenty-one (21), township ten (10) north, and range seven (7) west of the third principal meridian.

*Conditions*  
Lease shall be terminated and control of land revert to Blackburn College if University of Illinois discontinues use of land for agricultural experimentation for a period longer than two years.
4. 

<i>Location</i> Cutler	<i>Lessor</i> W. E. Braden	<i>Date</i> Mar. 8, 1910	<i>Tenure</i> Indefinite	<i>Annual Rental</i> \$108.00
---------------------------	-------------------------------	-----------------------------	-----------------------------	----------------------------------

*Description*  
Eighteen (18) acres of land, being all of the north half of the southeast quarter of the northwest quarter of section nineteen (19), township five (5) south, range four (4) west of the third principal meridian, except about one and one-half acres in the northeast corner of said tract and about one-half acre in farm road.

*Conditions*  
The said W. E. Braden to reserve all coal, oil, gas, and mineral rights belonging to said land with privilege of working out same, provided coal shaft or buildings be not placed thereon. This lease is given subject to a lease given on above described land in 1908 for purposes of drilling for oil and gas.  
University of Illinois may terminate lease at the end of any biennium after January 1, 1912.
5. 

<i>Location</i> DeKalb	<i>Lessor</i> Fairview Park Cemetery Assoc.	<i>Date</i> Jan. 28, 1914	<i>Tenure</i> Dec. 31, 1924	<i>Annual Rental</i> \$290.00
---------------------------	---	------------------------------	--------------------------------	----------------------------------

*Description*  
A tract of land sixty-eight (68) rods wide, north and south, and eighty-three (83) rods long, east and west, lying in the southeast corner of the southeast quarter of section twenty-seven (27), township forty (40) north, range four (4) east of the third principal meridian. Also land lying north of driveway, which is eighty-three (83) rods long and about two (2) rods wide, north and south. The total amount of land used by the station comprises thirty-six and one-fourth ( $36\frac{1}{4}$ ) acres.

*Conditions*  
Either party may terminate lease at the end of any year. If the Cemetery Association desires to terminate lease, it must give twelve months' notice.
6. 

<i>Location</i> DuBois	<i>Lessor</i> A. A. Hinkley	<i>Date</i> Feb. 26, 1914	<i>Tenure</i> Indefinite	<i>Annual Rental</i> \$25.00
---------------------------	--------------------------------	------------------------------	-----------------------------	---------------------------------

*Description*  
Five (5) acres in the south half of the southeast quarter of the northeast quarter of section 29, township 3 south, range 1 west of the third principal meridian; located on the farm of A. A. Hinkley, one mile northwest of DuBois, Ill.

*Conditions*  
University may terminate lease at the end of any year by giving notice in writing at least ninety days prior.
7. 

<i>Location</i> Fairfield	<i>Lessor</i> Mrs. Giles Porter	<i>Date</i> Mar. 14, 1914	<i>Tenure</i> Jan. 1, 1924	<i>Annual Rental</i> \$100.00
------------------------------	------------------------------------	------------------------------	-------------------------------	----------------------------------

*Description*

Twenty (20) acres of land, lying in the west half of the west half of the northeast quarter of section thirty-six (36), township one (1) south, range seven (7) east of the third principal meridian; the north line of said twenty-acre tract being about twenty-eight (28) rods south of the section line.

*Conditions*

First annual rental to be due on December 31, 1914.

8. Location	Lessor	Date	Tenure	Annual Rental
Fairfield	J. J. Rinard	Mar. 14, 1914	Jan. 1, 1924	\$100.00

*Description*

Twenty acres of land on the east side of west half of northwest quarter of section thirty-six (36), township one (1) south, range seven (7) east of the third principal meridian, lying next to the public road and immediately north of the orchard.

9. Location	Lessor	Date	Tenure	Annual Rental
Galesburg	G. W. Gale	Jan. 15, 1914	Indefinite	\$200.00

*Description*

Twenty-five acres in the west side of the northwest quarter of the southwest quarter of section thirty-one, township eleven north, range one east of the fourth principal meridian, located on the farm of George W. Gale, four miles southwest of Galesburg, Ill.

*Conditions*

Lease may be terminated by either party. By giving ninety days' notice in writing lease shall be terminated the following first day of January.

10. Location	Lessor	Date	Tenure	Annual Rental
Momence	C. C. Porter	Mar. 2, 1914	Indefinite	\$30.00

*Description*

Two and one-fourth (2¼) acres in the northeast quarter of the northwest quarter of section thirty-one, township eleven north, range one east of the fourth west quarter of the southeast quarter of the northeast quarter, all in section 6, township 30 north, range 11 west of the second principal meridian—three miles south of Momence, Kankakee County, on the farm of C. C. Porter.

*Conditions*

Either party may terminate lease at end of any year by giving notice in writing ninety days prior.

11. Location	Lessor	Date	Tenure	Annual Rental
Morrison	A. N. Abbott	Apr. 2, 1914	Indefinite	\$200.00

*Description*

Approximately the north half of the northeast quarter of the northeast quarter of section 5, township 21 north, range four east of the fourth principal meridian, comprising approximately 20 acres.

*Conditions*

University may terminate lease at the end of any year.

12. Location	Lessor	Date	Tenure	Annual Rental
Odin	N. B. Morrison	Feb. 27, 1909*	Indefinite	\$100.00

*Description*

Twenty acres of land, located in sections fourteen (14) and fifteen (15), in township two (2) north, range one (1) east of the third principal meridian; commencing at a point 740 feet northeast along the northwest line of the Illinois Central Railroad right-of-way, from where the said railroad right-of-way crosses the west line of said section 14, and ten rods northwest perpendicular to the railroad right-of-way, and extending northeast from this point parallel to the railroad right-of-way seventy-four (74) rods, thence northwest perpendicular to the railroad right-of-way forty-three (43) rods, thence southwest parallel to the railroad right-of-way, seventy-four (74) rods, thence southeast perpendicular to the railroad right-of-way forty-three (43) rods to the point of commencing.

*Conditions*

University may terminate lease at the end of any biennium after March 1, 1911.

13. Location	Lessor	Date	Tenure	Annual Rental
Rockford	G. F. Tullock	Mar. 2, 1914	Indefinite	\$120.00

*Description*

The northeast ten acres of the southwest forty acres of the southwest quarter of section 34, township 45 north, range 1 east of the third principal meridian, on the farm of George F. Tullock, three miles northwest of Rockford, Winnebago County, Ill.

*Conditions*

Either party may terminate lease at the end of any year by giving notice in writing to that effect ninety days prior to that date.

14. Location	Lessor	Date	Tenure	Annual Rental
Urbana	Mt. Hope Cemetery Assoc.	Mar. 17, 1915	Mar. 1, 1915	\$60.00

*Description*

Four acres lying in the northeast corner of the tract of land owned by the Mount Hope Cemetery Association located in the township of Urbana, county of Champaign, State of Illinois.

\* Lease signed by officers of the board and now reported for record.



15. Location	Lessor	Date	Tenure	Annual Rental
Virginia	George Conover	Mar. 5, 1914	Indefinite	\$111.00

*Description*

Eleven and one-tenth acres of land, being a part of the northwest quarter of the southeast quarter of section 14, township 17 north, range 10 west of the third principal meridian; commencing at the northwest corner of the said northwest quarter section and running south 45 rods, thence east  $39\frac{1}{2}$  rods, thence north 45 rods, thence west  $39\frac{1}{2}$  rods to the place of beginning.

*Conditions*

Committee composed of owner, the Superintendent of Experiment Fields of the University of Illinois, and the presidents of the local banks of Virginia, Ill., to fix rent for ten year period following January 1, 1924, and a similar committee to fix rate for each succeeding ten years period. University may terminate lease at end of any year.

**LEASE SIGNED BY PROF. C. G. HOPKINS.**

(8) A recommendation that the action of Professor C. G. Hopkins in making a lease of a tract of land from John Swaney, of Magnolia, Putnam County, on March 23, 1907, be confirmed, thus making the act of Professor Hopkins that of the Board of Trustees. The terms of the lease are as follows:

16. Location	Lessor	Date	Tenure	Annual Rental
Magnolia	John Swaney	Mar. 23, 1907	Dec. 31, 1999	\$36.00

*Description*

Six acres of land, being a part of the east half of the southwest quarter of section fifteen (15) in township thirty-one (31) north, range one (1) west of the third principal meridian; commencing at a point twenty (20) rods south and eighty (80) rods east of the northwest corner of said quarter section, thence south twenty (20) rods, thence east forty-eight (48) rods, thence north twenty (20) rods, thence west forty-eight (48) rods to the place of beginning.

*Conditions*

University may terminate lease at the end of any biennium after December 31, 1909.

The committee voted to recommend proposals seven and eight above to the Board of Trustees for adoption.

**IMPORT ORDER, DEPARTMENT OF ZOOLOGY.**

(9) A recommendation that the sum of one thousand dollars (\$1,000) be appropriated for the importation of materials for the Department of Zoölogy, the amount involved to be charged to the departmental appropriation for 1914-15, bills to be rendered after June 30, 1914.

The committee voted to make the appropriation requested.

**CONTRACT WITH MR. G. A. GARRISON.**

(10) A recommendation that the comptroller be authorized to make a contract with Mr. G. A. Garrison, for the use of teams and equipment for cultivation on the Busey, McCullough, Douglas and Pell tracts by the Department of Horticulture, the expense to be charged to the Department of Horticulture and to be chargeable in part against the appropriation to this department for the fiscal year 1914-15; provided, that the contracts be approved by the Dean of the College of Agriculture.

The committee voted to give the comptroller authority to make the contract as recommended.

The Executive Committee adjourned.

W. L. ABBOTT, *Chairman.*

H. E. CUNNINGHAM, *Clerk.*

## Meeting of April 22, 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 Wednesday, April 22, 1914, pursuant to the following notice which was sent out by the secretary on April 15, 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 Wednesday, April 22, 1913, at 10:00 A.M., to authorize the conferring of degrees on the graduates of the School of Pharmacy, and 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, Mr. Hoit, Dr. Montgomery, Mr. Moore, Mr. Trevett and Miss Watson. Mrs. Henrotin joined the board soon after the meeting was called to order. President James was present.

### APPROVAL OF MINUTES.

The secretary presented the minutes of the annual meeting of March 10, 1914. On motion of Superintendent Blair, the minutes were approved as printed above on pages 719-740.

### EXECUTIVE COMMITTEE MEETING.

The secretary presented also for record the minutes of the meeting of the Executive Committee held on April 9, 1914 (see pages 741-744 above).

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

President James presented the following matters for consideration:

#### AUTHORITY TO CONFER DEGREE.

(1) A request for authority to confer degrees upon the following candidates recommended by the faculty of the School of Pharmacy and also upon candidates properly recommended by the faculties of the several schools and colleges of the University at the coming commencement exercises.

*(Degrees conferred April 22, 1914.)*

Albert Franklin Anderson,  
Edna Becker,  
August Christopher Bosch,  
J. Burdette Brown,  
Floyde Wiley Bryant,  
George Ernest Canham,  
Lawrence Converse,  
Walter Arthur Endee,  
Oscar Fislser,  
Jeremiah G. Garrity,  
Harry Edward Haines,  
Philip Irving Hildebrandt,  
Elwood Jay Hollinshead,  
Harry E. Johnson,  
Jonathan G. Jordan,  
Elmer Chester Lane,  
Paul Israel Mendelsohn,

Richard William Merschat,  
Abraham Myerson,  
Charles Clarence Orr,  
Irving Fitch Pearce,  
Elmer Edward Rueckert,  
Harold Schmid,  
Ralph Harold Thompson,  
Adrian Ton,  
Clio Vavra,  
Ladislaus Joseph Warzynski,  
Albert John Cook (Class of 1913),  
George Charles Kraemer (Class of 1913),  
William Alexander Lee (Class of 1913),  
Alva Walter Rackaway (Class of 1913),  
Charles Edward Wach (Class of 1913),  
Mary Leinbaugh Smith (Class of 1909).

On motion of Dr. Montgomery, the President of the University was authorized to confer degrees upon candidates recommended by the faculties of the schools and colleges of the University this year.

On motion of Superintendent Blair, the matter of granting the President of the University standing authority to confer degrees upon candidates who are properly recommended was referred to the Executive Committee for investigation and report.

#### INCIDENTAL FUND, ROMANCE LANGUAGES.

(2) A recommendation that the sum of one hundred fifty dollars (\$150) be appropriated to the Department of Romance Languages as an incidental fund. This item was omitted by a clerical error from the expense budget for 1913-14.

On motion of Superintendent Blair, this appropriation was made by the following vote: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mrs. Henrotin, Mr. Meeker.

#### TRAVELING FELLOWSHIP IN AGRICULTURAL ECONOMICS.

(3) A request from Dr. David Kinley, Dean of the Graduate School, that Mr. C. L. Stewart, Instructor in Economics, be appointed to a traveling fellowship in agricultural economics for the academic year 1914-15, with a stipendium of one thousand dollars (\$1,000) for the year.

On the recommendation of President James and on motion of Superintendent Blair, the President of the University was authorized to appoint Mr. Stewart to the traveling fellowship as requested. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mrs. Henrotin, Mr. Meeker.

At this point Mrs. Henrotin joined the meeting.

#### LEAVE OF ABSENCE FOR PROF. C. W. ALVORD.

(4) A request from Dr. E. B. Greene, Professor of History, that Professor C. W. Alvord be given leave of absence for three weeks during the autumn of 1914 in order to accept an invitation to deliver the Albert Shaw lectures at Johns Hopkins University.

On the recommendation of President James and on motion of Dr. Montgomery, Professor Alvord was granted leave of absence as requested.

#### DEGREE FOR MR. A. T. NORTH.

(5) A recommendation from the University Senate that the degree of Bachelor of Science in Architecture as of the class of 1885 be conferred upon Mr. Arthur Tappan North, of Chicago. Mr. North, when in residence at the University, completed thirty-six term subjects when thirty-nine such subjects were required for graduation in his course; he has been out of the University for more than twenty-five years, and he has attained distinction in his profession of architecture.

On the recommendation of President James and on motion of Mrs. Evans, the President of the University was authorized to confer the degree upon Mr. North as requested.

#### NAME SUGGESTED FOR WOMAN'S BUILDING.

(6) A communication from Dr. Annetta Ayres Saunders, '84, calling attention to the suggestion that the Woman's Building be named "Louise Allen Hall," in honor of Mrs. Louise Allen Gregory, the first teacher of domestic science, and the first dean of women (then called preceptress) at the University. (See page 548, Report of the Board of Trustees, meeting of March 19, 1912.)

No action was taken with respect to this matter.

#### PURCHASE OF LOT FOR SCHOOL OF PHARMACY.

(7) A recommendation that the President of the Board be authorized to purchase the lot in the city of Chicago situated on the north side of West Harrison Street and immediately east of Honore Street, extending approximately 126 feet east from the northeast corner of Honore and West Harrison streets and 72 feet north from the same point, to be used as a site for the building of the School of

Pharmacy, at a price not to exceed \$30,600, which was the value set upon the said lot and buildings by the Chicago Real Estate Board. (See minutes of the meeting of July 23, 1913, page 629; also minutes of the meeting of December 13, 1913, page 669.)

Mr. Moore stated for the Finance Committee that the committee was in favor of making this purchase for the purpose named and within the price recommended.

On motion of Mrs. Evans, the president of the board was authorized to purchase the lot in question, at a price not to exceed thirty thousand six hundred dollars (\$30,600). The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Miss Watson; noes, Mr. Trevett; present but not voting, Mrs. Busey; absent, Mr. Dunne, Mr. Meeker.

At this point Mr. Moore withdrew.

#### RUSH MEDICAL SCHOOL.

(8) A statement that the President of the University had received informal inquiries with respect to the attitude of the University toward a possible union with the Rush Medical School of Chicago. President James recommended the adoption of the following resolution:

*Resolved*, That the Trustees of the University of Illinois look with favor upon the consolidation of Rush Medical School with the College of Medicine of the University of Illinois, provided suitable conditions for such consolidation can be secured, and further

That the chairman of the Committee on the College of Medicine of the Board of Trustees of the University of Illinois and the President of the University be authorized to negotiate the terms of such consolidation, to be submitted to the board for consideration and action.

On motion of Mrs. Busey, the resolutions were adopted by the following vote: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Meeker, Mr. Moore.

#### CHICAGO ASSOCIATION OF COMMERCE TRADE TOUR.

(9) An invitation from the Chicago Association of Commerce for the University to appoint a member of the faculty as a delegate to accompany the party on the annual trade tour of the association. The acceptance of this invitation would entail an expense of about three hundred dollars.

On motion of Mr. Trevett, the matter of this invitation was left to the discretion of the President of the University with power to act. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Meeker, Mr. Moore.

#### APPROPRIATION FOR Y. M. C. A. HANDBOOK.

(10) A request from Mr. Lloyd Douglas, Secretary of the University Young Men's Christian Association, that the appropriation of the University towards the expense of printing the association handbook be increased from two hundred fifty dollars to three hundred dollars. The association plans to print a larger handbook and to increase the edition.

On the recommendation of President James and on motion of Mrs. Busey, the sum of three hundred dollars (\$300) was appropriated toward the expense of publishing the handbook of the Young Men's Christian Association for the year 1914-15. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Meeker, Mr. Moore.

#### AUTHORITY TO DELEGATE SIGNING OF WARRANTS.

(11) A request from Professor George E. Frazer, Comptroller, that the comptroller and the assistant comptroller (Mr. Lynn E. Knorr) be made the agents of the President of the Board in signing all University warrants.

On motion of Dr. Montgomery, the president of the board was authorized to delegate the signing of his name to all University warrants to Comptroller Frazer and Assistant Comptroller Knorr, this delegation to take effect as of April 1, 1914.

On motion of Superintendent Blair, the president of the board was directed to ascertain the legality of the procedure of the board in this matter.

#### LEAVE OF ABSENCE FOR PROFESSORS FAIRLIE AND DODD.

(12) The following recommendations from Dr. Kendric C. Babcock, Dean of the College of Liberal Arts and Sciences:

1. That the leave of absence granted to Professor J. A. Fairlie of the Department of Political Science be extended to include the first semester of the academic year 1914-15, without salary, to enable Professor Fairlie to continue his work as director of the Legislative Committee on Economy and Efficiency.

2. That leave of absence be granted to Dr. W. F. Dodd, Assistant Professor of Political Science, for the second semester of the academic year 1914-15, without salary, to enable Professor Dodd to continue work on a book, the completion of which requires his presence in Washington.

On the recommendation of President James and on motion of Superintendent Blair, the President of the University was authorized to grant leave of absence to Professors Fairlie and Dodd as requested.

#### CHAIR IN DUTCH HISTORY, LITERATURE, AND ART.

(13) A communication from Dr. T. DeVries, presenting a petition, signed by fifteen hundred men and women, Dutch-Americans, or of Dutch-American descent, requesting the establishment in the University of a chair in Dutch literature, history and art.

On the recommendation of President James and on motion of Dr. Montgomery, this communication was received to be filed.

#### APPROPRIATION OF DEPARTMENTAL RECEIPTS.

(14) A recommendation that the income from fees charged in the various departments of the University, and from sales of products or services in the various departments, may be credited to the appropriations for the various departments upon the approval of the President of the University.

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

#### APPOINTMENT OF MR. I. D. ALLISON.

(15) A request from Dr. Eugene Davenport, Dean of the College of Agriculture, for the appointment of Mr. Ira D. Allison as Assistant in Horticulture, at a salary of one hundred fifty dollars (\$150) a month.

On the recommendation of President James and on motion of Superintendent Blair, the President of the University was authorized to appoint Mr. Allison as recommended. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Meeker, Mr. Moore.

#### PROMOTION OF ASSISTANT PROFESSOR H. F. MOORE.

(16) A recommendation from Professor A. N. Talbot, endorsed by the Dean of the College of Engineering, that Assistant Professor Herbert Fisher Moore be appointed Professor of Engineering Materials in the Engineering Experiment Station, in the Department of Theoretical and Applied Mechanics, at a salary of three thousand dollars (\$3,000) a year, beginning September 1, 1914.

On the recommendation of President James and on motion of Superintendent Blair, the President of the University was authorized to make this appointment. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Meeker, Mr. Moore.

#### PHYSICAL TRAINING IN SUMMER SESSION.

(17) A request for the approval of the action of the President of the University in offering in the summer session certain courses for teachers of physical training and coaches of athletic teams. The courses in question are to be offered by Director G. A. Huff, Coach R. C. Zuppke, Coach R. R. Jones, and Coach H. L. Gill.

On motion of Dr. Montgomery, the action of the President of the University in offering the summer courses in physical training was approved.

#### INCREASE OF FACILITIES IN DENTISTRY.

(18) A statement of the need of additional laboratory space and equipment for the College of Dentistry. The present space allotted to this college is sufficient for about one hundred students. It will be necessary to restrict the registration to this number or to set aside and equip space in the Dental College Building to accommodate the expected increase in the number of students.

On the recommendation of President James and on motion of Mrs. Evans, the President of the University was authorized to make provision in the Dental Building for additional students in dentistry.

#### ADDITIONAL SPACE ASKED FOR GOLF LINKS.

(19) A request from the University Golf Club for the addition of twenty acres on the south and east sides of the present golf links, on the ground that the present space is so small as to make the game dangerous.

On the recommendation of President James, this request was referred to the Committee on Buildings and Grounds for consideration and report.

#### PLAY-GROUND FOR WOMEN.

(20) A request from Miss Gertrude E. Moulton, Director of Physical Training for Women, that the ground west of the forestry and east of the agricultural plots numbered 601 to 610 be set aside as an additional playground for women. This includes a quadrangular tract extending west from the northwest corner of the present forestry fence along the north line of the University property about 250 feet, thence south about 455 feet, thence east about 250 feet, thence north about 455 feet to the starting point.

On motion of Dr. Montgomery, this request was granted.

#### PURCHASE OF FORBES PROPERTY.

The Finance Committee presented a recommendation concerning the price to be paid for the Forbes property, which was referred to them at the annual meeting of March 10, 1914, for consideration and report (see page 730).

We recommend the purchase of the Forbes property at a price not to exceed ten thousand dollars.

A. F. MOORE,  
J. R. TREVETT,  
O. W. HOIT,

*Finance Committee.*

On motion of Dr. Montgomery, the recommendation of the Finance Committee was approved and adopted.

#### SITE FOR WOMEN'S RESIDENCE HALLS.

The Finance Committee presented also a report on the available sites for the proposed women's residence halls.

On motion of Mrs. Henrotin, the report was received and the secretary was instructed to prepare copies thereof for distribution among the members of the board.

#### LAND FOR AGRICULTURAL EXPERIMENTS.

Dr. Montgomery brought up the question of the policy of the University with respect to the acceptance of deeds of land in various parts of the State for agricultural experimentation, and, after some discussion, it was voted, on motion of Mrs. Henrotin, that the President of the University be directed to make a recommendation concerning the procedure of the University in accepting gifts of land for this purpose.

## STANDING COMMITTEES FOR 1914-15.

The secretary presented the following communication from President Abbott:

March 24, 1914.

*Mr. H. E. Cunningham, Secretary, University of Illinois, Urbana, Ill.*

DEAR SIR: Please advise the members of the board that the new standing committees of the board will be constituted exactly as they were last year.

Very truly yours,

W. L. ABBOTT, *President.*

(For list of committees, see page 205).

## APPOINTMENTS MADE BY THE PRESIDENT OF THE UNIVERSITY.

The secretary presented the following report of appointments made by the President of the University under the authority of the Board of Trustees, which was received for record:

Becker, Georgia, Stenographer in the Department of Dairy Husbandry, beginning when she reports for duty and continuing until further notice, at a salary of sixty-five dollars (\$65) a month. (March 12, 1914.)\*

Bond, Ethel, Instructor in the Summer Session of the Library School, for six weeks beginning June 22, 1914, at a salary of one hundred seventy-five dollars (\$175) for the session. (March 12, 1914.)

Brownfield, Lelah, Stenographer in the office of the Courses in Business Administration, beginning March 1, 1914, and continuing until further notice, at a salary of fifty dollars (\$50) a month. (March 16, 1914.)

†Burton, Lawrence V., Assistant in Bacteriology, for five months, beginning February 1, 1914, and continuing until June 30, 1914, at a salary of ninety dollars (\$90) a month; this appointment superseding his former appointment at a salary of sixty dollars (\$60) a month. (April 1, 1914.)

†Carson, Harry Y., Scientific Assistant on the Staff of the Supervising Architect, beginning March 1, 1914, and continuing for a period not to exceed three months, at a salary of one hundred twenty-five dollars (\$125) a month. (March 25, 1914.)

†Dexter, Lydia A., Bibliographer in the Illinois Survey, beginning April 1, 1914, and continuing until June 30, 1914, at a salary of seventy dollars (\$70) a month. (April 11, 1914.)

†Fox, R. E., Laboratory Assistant in Electrotherapy in the Laboratory of Dr. Fantus in the College of Medicine, to give four hours' service a week, beginning February 1, 1914, and continuing until June 30, 1914, at a total compensation of thirty-three and one-third dollars (\$33.33) for the period named. (April 6, 1914.)

Gardner, John J., Instructor in Agriculture in the Summer Session of 1914, at a salary of one hundred fifty dollars (\$150) for the session. (April 17, 1914.)

Gatward, Walter A., Research Fellow in the Engineering Experiment Station, for two years beginning September 1, 1914, with an annual stipend of five hundred dollars (\$500). (March 17, 1914.)

†Grant, Dudley H., Assistant in Chemistry in the College of Medicine, beginning when he reports for service and ending June 30, 1914, at a salary of seventy-five dollars (\$75) a month. (March 25, 1914.)

†Graves, Charles E., Exchange Assistant in the University Library and Lecturer on Exchanges in the Library School, beginning April 1, 1914, and ending August 31, 1914, at a salary of one hundred dollars (\$100) a month, vice J. Hodnefield. (March 30, 1914.)

†Hakanson, A. G., Laboratory Assistant in Mechanotherapy in the Laboratory of Dr. Fantus in the College of Medicine, to give four hours' service a week, beginning February 1, 1914, and continuing until June 30, 1914, at a total compensation of thirty-three and one-third dollars (\$33.33) for the period named. (April 6, 1914.)

Hall-Quest, Alfred L., Assistant in Education in the Summer Session of 1914, at a salary of one hundred dollars (\$100) for the session. (April 17, 1914.)

Harlan, C. L., Assistant in Education in the Summer Session of 1914, at a salary of one hundred dollars (\$100) for the session. (April 17, 1914.)

Hart, Eliza, Stenographer in the State Water Survey, at a salary of fifty dollars (\$50) a month, beginning November 1, 1913; this appointment superseding her previous appointment at a salary of forty-one and two-thirds dollars (\$41.66) a month. (November 5, 1913.)

Hayes, James B., Mechanician and Instrument Maker in the Department of Physics, at a salary of ninety dollars (\$90) a month, beginning September 1, 1913, and continuing until further notice; this appointment superseding his previous appointment at seventy dollars (\$70) a month. (September 20, 1913.)

Holley, C. E., Assistant in Education in the Summer Session of 1914, at a salary of one hundred dollars (\$100) for the session. (April 17, 1914.)

\* 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.

Johnson, Gertrude E., Stenographer in the Registrar's Office, at a salary of sixty dollars (\$60) a month, beginning November 1, 1913; this appointment superseding her previous appointment at fifty-five dollars (\$55) a month. (November 5, 1913.)

Lichty, Lester C., Research Fellow in the Engineering Experiment Station, for two years beginning September 1, 1914, with an annual stipend of five hundred dollars (\$500). (March 17, 1914.)

Lukens, William F., Research Fellow in the Engineering Experiment Station, for two years beginning September 1, 1914, with an annual stipend of five hundred dollars (\$500). (March 17, 1914.)

Merica, Paul D., Temporary Assistant on the Scientific Staff of the Engineering Experiment Station, at a salary of one hundred fifty dollars (\$150) a month, for four months beginning March 1, 1914. (April 20, 1914.)

†Nagle, Sybil, Stenographer in Professor Mosler's office, beginning April 1, 1914, and continuing until further notice, at a salary of fifty dollars (\$50) a month. (April 11, 1914.)

Reece, Ernst J., Instructor in the Summer Session of the Library School, for six weeks beginning June 22, 1914, at a salary of one hundred seventy-five dollars (\$175) for the session. (March 12, 1914.)

Richardson, Robert K., of Beloit College, to give instruction in History in the Summer Session of 1914, at a salary of three hundred dollars (\$300) for the session. (April 17, 1914.)

Riggs, Bess, Stenographer in the Administrative Office of the College of Agriculture, beginning March 1, 1914, at a salary of thirty-five dollars (\$35) a month; this appointment superseding her former appointment with a salary of thirty dollars (\$30) a month. (March 12, 1914.)

Robertson, W. S., to give instruction in History in the Summer Session of 1914, at a salary of three hundred dollars (\$300) for the session. (April 17, 1914.)

†Simmonds, W. E., Laboratory Assistant in Hydrotherapy in the Laboratory of Dr. Fantus in the College of Medicine; to give four hours' service a week, beginning February 1, 1914, and continuing until June 30, 1914, at a total compensation of thirty-three and one-third dollars (\$33.33) for the period named. (April 6, 1914.)

Smith, Harvey E., Instructor in the Miners' and Mechanics' Institutes, beginning when he reports for duty and continuing until April 1, 1915, at a salary of one hundred fifty dollars (\$150) a month. (March 17, 1914.)

Valentine, H. D., Assistant in Chemistry, beginning March 1, 1914, at a salary of sixty dollars (\$60) a month, this appointment superseding his former appointment as Graduate Assistant. (March 16, 1914.)

White, Loretta, Stenographer in the Department of Dairy Husbandry, at a salary of seventy dollars (\$70) a month, beginning November 1, 1913; this appointment superseding her previous appointment at sixty-five dollars (\$65) a month. (November 5, 1913.)

Young, Everett G., Research Fellow in the Engineering Experiment Station, for two years beginning September 1, 1914, with an annual stipend of five hundred dollars (\$500). (March 17, 1914.)

#### APPOINTMENTS TO SCHOLARSHIPS AND FELLOWSHIPS.

The secretary presented also for record the following list of appointments to graduate scholarships and fellowships for the academic year 1914-15, made by the Vice-President of the University as authorized by the Board of Trustees at its meeting of March 10, 1914 (page 735):

Agronomy	William A. Albrecht, scholarship.....	\$250 00
	Wallace Macfarlane, fellowship.....	400 00
	Frank A. Wyatt, fellowship.....	400 00
Animal Husbandry	Hubbard K. Gayle, scholarship.....	250 00
	A. L. Jerdan, scholarship.....	250 00
Botany	Tom O'Mara, scholarship.....	250 00
	John A. Elliott, fellowship.....	350 00
	Esther Young, scholarship.....	250 00
Ceramics	Samuel Rusoff, scholarship.....	250 00
Chemistry	St. Elmo Brady, fellowship.....	350 00
	Karl A. Clark, fellowship.....	350 00
	Oscar E. Harder, fellowship.....	350 00
	Joseph W. Howard, fellowship.....	350 00
	Robert W. Hendel, Jr., scholarship.....	250 00
Classics	Robbins Russell, scholarship.....	250 00
	Clarence Scholl, fellowship.....	350 00
	Herbert A. Winkelmann, scholarship.....	250 00
	Augustus H. Brunelle, scholarship.....	250 00
	Odessa M. Myers, scholarship.....	250 00
Economics	Kathryn Williams, scholarship.....	250 00
	Clare E. Griffin, scholarship.....	250 00
	Burley F. Lamb, fellowship.....	350 00
Education	Harry R. Mirick, scholarship.....	250 00
	Lewis E. Young, fellowship.....	500 00
	Charles E. Holley, fellowship.....	400 00
	Henry D. TerKeurst, scholarship.....	250 00

† Appointment made by Vice-President Kinley.



### APPOINTMENTS TO SCHOLARSHIPS AND FELLOWSHIPS— CONCLUDED.

Engineering (Arch.)	Samuel P. Boonstra, scholarship	\$250 00
(A.E.)	Harry A. Wiersema, scholarship	250 00
(C.E.)	Frank E. Richart, scholarship	250 00
(E.E.)	Raymond W. Owens, scholarship	250 00
	Ernest A. Ried, scholarship	250 00
English	Julia M. Barber, scholarship	250 00
	Esther M. Colvin, scholarship	250 00
	Delmar G. Cooke, scholarship	250 00
	Ruth M. Hefferman, scholarship	250 00
	Mae A. Tenney, scholarship	250 00
	Mark A. Van Doren, scholarship	250 00
	Esther G. Wiseman, scholarship	250 00
Entomology	Edna Mosher, fellowship	450 00
	Philip Garman, fellowship	350 00
	Clyde C. Hamilton, scholarship	250 00
German	Floy F. Cutler, scholarship	250 00
	Alice Meier, scholarship	250 00
	Daniel F. Fasmore, fellowship	350 00
History	Karl D. Lee, scholarship	250 00
	Edith A. McCoy, fellowship	300 00
	Franklin C. Palm, scholarship	250 00
	Wayne E. Stevens, fellowship	350 00
	Floyd B. Streeter, fellowship	400 00
	Frederick C. Swanson, scholarship	250 00
	Leila O. White, scholarship	250 00
Household Science	Marie B. Miller, scholarship	250 00
	Bernice Wait, scholarship	250 00
Mathematics	Albert Babbitt, scholarship	250 00
	Chester C. Camp, scholarship	250 00
	Elmery C. Farver, scholarship	250 00
	Erma L. Elliott, scholarship	250 00
	George Rutledge, fellowship	500 00
Philosophy	Ethel E. Sabin, fellowship	300 00
Physics	Paul L. Bayley, fellowship	350 00
	Charles S. Fazel, scholarship	250 00
	Sylvan J. Crooker, scholarship	250 00
	Leslie A. Pinckney, scholarship	250 00
Political Science	Niels H. Debel, fellowship	350 00
	William A. Dunham, scholarship	250 00
	Allen S. Wilber, fellowship	350 00
	Quincy Wright, fellowship	450 00
Psychology	Helen Clark, fellowship	350 00
Sociology	Gordon Watkins, scholarship	250 00
Zoölogy	Frank Blair Hanson, fellowship	350 00
	Morris J. Kernall, fellowship	350 00
	James E. Kindred, scholarship	250 00
	Minna E. Jewell, scholarship	250 00
	Horace W. Stunkard, fellowship	350 00
	Minnie E. Watson, fellowship	400 00

#### HONORARY FELLOWSHIPS.

Entomology	Anna G. Newell	Remission of fees
Zoölogy	Charles T. Senay	Remission of fees

#### RESEARCH FELLOWSHIPS IN THE ENGINEERING EXPERIMENT STATION.\*

Walter A. Gatward, \$500 per annum—Research fellowship (September 1, 1914-June 30, 1916).  
 Lester C. Lichty, \$500 per annum—Research fellowship (September 1, 1914-June 30, 1916).  
 William P. Lukens, \$500 per annum—Research fellowship (September 1, 1914-June 30, 1916).  
 Everett G. Young, \$500 per annum—Research fellowship (September 1, 1914-June 30, 1916).

The board adjourned.

W. L. ABBOTT, *President*.

H. E. CUNNINGHAM, *Secretary*.

---

\* Appointments made by the President of the University, March 17, 1914.

## Meeting of June 9, 1914.

---

The quarterly meeting of the Board of Trustees of the University of Illinois was held at the University, in Urbana, on Tuesday, June 9, 1914, beginning at 10 A.M.

The following members were present: Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Dr. Montgomery, Mr. Moore, Mr. Trevett and Miss Watson. President James was present, and, also, during the greater part of the day, Prof. J. M. White, Supervising Architect.

### APPROVAL OF MINUTES.

The secretary presented the minutes of the special meeting of April 22, 1914. On motion of Mrs. Henrotin, the minutes were approved as printed on pages 745-752.

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

The President of the University presented the following matters:

#### PURCHASE OF BARNES AND FORBES PROPERTIES.

(1) A statement that, in accordance with the directions of the Board of Trustees, the comptroller had purchased:

1. The property in Champaign known as the Barnes lots, bounded on the east by Wright Street, on the south by Healy, on the west by Sixth and on the north by the interurban right-of-way, described in the deed as "Block 6 of J. S. Wright's addition to the city of Champaign, except the north 14 feet of said Block 6." The sum of \$14,000 will be paid for these lots.

2. The property in Urbana known as the Forbes property, consisting of two lots and the dwelling-house thereon, lying north of the interurban right-of-way, south of Springfield Avenue, and directly east of Matthews Avenue. The sum to be paid for this property is \$10,000.

#### BOTANY AND ZOOLOGY LABORATORIES.

(2) A request for authority to proceed with the construction of the botany and zoology laboratories.

Professor White stated that the original intention of placing the greenhouse, insectary, and vivarium for the Departments of Botany and Zoölogy on the Forbes property had been found impracticable, and that it would be necessary to devote the Forbes property to the work in botany, and to give over the Barnes property, with the exception of a strip along the interurban tracks which was reserved for a storehouse, to the work in entomology and zoölogy. Professor White presented the detailed plans for both buildings. Professor Forbes, of the Department of Entomology; Professors Zeleny and Ward, of the Department of Zoölogy, and Professors Hottes and Stevens, of the Department of Botany, presented, in the order in which their names appear, the work to be done by their departments in the proposed buildings.

On the recommendation of President James and on motion of Dr. Montgomery, the plans for the Botanical Laboratory, including the reconstruction of the Forbes house, the building of the glasshouses, and the installation of equipment as recommended by the supervising architect, were approved, and the supervising architect was authorized to proceed with the construction of the laboratory at an estimated cost of twenty thousand dollars (\$20,000).

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

On the recommendation of President James and on motion of Mrs. Henrotin, the plans for the Zoölogical Laboratory were approved, and the supervising architect was authorized to proceed with the construction of the laboratory and pond and insectary on the Barnes property at an estimated cost of forty-five thousand dollars (\$45,000). The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Meeker.

#### RELEASE OF MINOR BUILDINGS.

Professor White presented a letter from Mr. James B. Dibelka, State Architect, under date of November 3, 1913, and requested that the following paragraph be printed in the minutes:

"Replying to your favor of the 1st, I am not including the library nor the boiler-house, nor any other minor work."

Professor White stated that he had interpreted this to release the plans for the smaller buildings, such as the laboratories for the Departments of Botany and Zoölogy and others of about the same cost.

#### PROPOSED SALE OF LAND.

Mr. Trevett stated that he had been asked whether the University would sell the north eighty acres of the Busey quarter-section recently purchased by the University. Mr. Trevett moved that the Finance Committee be authorized to sell the eighty acres in question for one hundred twenty thousand dollars (\$120,000). The motion was rejected by the following vote: Ayes, none; noes, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Miss Watson; not voting, Mr. Abbott, Mr. Trevett; absent, Mr. Blair, Mr. Dunne, Mr. Meeker.

The board took a recess at 12:30 p.m. for luncheon.

---

#### AFTERNOON SESSION.

When the board re-convened at 1:45 p.m., the same members were present as during the morning session.

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

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

(1) A statement concerning the graduation of Mr. Foster North, a former student of the class of 1885 who was dismissed from the University after he had completed thirty-seven credits for refusal to attend chapel.

On motion of Mrs. Henrotin, it was voted that the board would approve a recommendation to confer the degree of B.S. on Mr. Foster North, as of the class of 1885.

#### SITE ASSIGNED FOR GREGORY MEMORIAL BUILDING.

(2) The following letter from Dr. Thomas J. Burrill:

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

DEAR SIR: As you know, the Memorial Committee of the Alumni Association has agreed to try to raise \$150,000 for a Gregory Memorial Building and Art Collection and has started activities upon the understanding that the trustees will furnish a site on the campus for such building.

On behalf of the committee and of the association, I hereby request that action be taken by the trustees in effect like the following:

Since the Alumni Association of the University of Illinois has undertaken through regularly constituted channels to raise \$150,000 for a Gregory Memorial Building and Art Collection and has expressed a preference for a building site, therefore be it resolved:

(1) That the action of the Association in this relation meets our hearty commendation and approval.

(2) That the site represented on the new campus plans by the east and west wing of the L-shaped building ground plan west of the Auditorium and south of Lincoln Hall be assigned for said memorial building, and that permission is hereby given for the publication of such assignment.

This definite action is asked for as an aid in conducting a campaign for subscriptions and to show the favor of the trustees. I may say that I visited last week the University of Michigan, where such a memorial building has recently been erected on the campus at the expense jointly of the Alumni Association and the Board of Regents (Trustees), the latter contributing \$50,000 of the total cost of \$206,000. It too is used in large part for art collections, of which they now have a fine display. The building, which is a notable one, and its contents are a great inspiration to the higher life of the University.

Very truly yours,

T. J. BURRILL,  
*Director of Campaign.*

On the recommendation of President James and on motion of Mr. Hoit, the board voted to approve the request of Dr. Burrill and to assign the site immediately west of the Auditorium and south of Lincoln Hall as a location for the proposed Gregory Memorial Building.

#### SITE ASSIGNED FOR SMITH MEMORIAL MUSIC BUILDING.

(3) The following communication from Mr. Thomas J. Smith, a former trustee of the University:

URBANA-CHAMPAIGN, ILL., June 8, 1914.

*To the Board of Trustees, University of Illinois:*

It has been my purpose, for a little more than ten years past, to provide means for the erection of a music building on the grounds of the University of Illinois as a memorial building to my wife. Inasmuch as she was something of a musician herself and was greatly interested in the success and welfare of the University, and an absolutely devoted friend of the University, I know of no better way to perpetuate her memory than to say to the Board of Trustees that I have provided in my will, such sum of money as may result from the closing of my estate, after the payment of expenses and minor bequests, which I am hoping shall not be less than \$200,000. While I am in no sense a musician, there is nothing dearer to my heart than the development of music. It is the greatest thing in the world and contributes more to the happiness and pleasure of people than anything within my knowledge, aside from the necessary living expenses of human beings.

I am aware that building space on the campus is becoming a matter of great concern to the Board of Trustees and to the authorities of the University, and I make this communication to the board, asking that if the board approves the enterprise which I propose, they make an assignment of space for the erection of a building which I hope may soon materialize.

I have been shown the site, by the President and Professor White, east of the Auditorium, corresponding to the site west of the Auditorium which the alumni desire for the Gregory Memorial Building, and the site is very satisfactory to me. I would therefore ask that, if the board favorably considers these suggestions, the particular space of ground be assigned for that building.

Most respectfully submitted,

THOMAS J. SMITH.

On the recommendation of President James and on motion of Dr. Montgomery, the site immediately east of the Auditorium was assigned as a location for the Tina Weedon Smith Memorial Building for the School of Music. The President of the University was instructed to convey to Mr. Smith the thanks and appreciation of the Board of Trustees.

#### LOCATION OF WOMEN'S RESIDENCE HALLS.

At this point the question of the location of the women's residence halls was introduced. Mrs. Busey offered the following resolution:

*Resolved,* That the board express its preference for the Nevada Street site for the Women's Residence Hall and direct the Finance Committee to secure options for the purchase of lots 23, 24 and 25 on the south side of Nevada Street, between Matthews and Lincoln avenues.

Mrs. Evans moved to amend by the substitution of the Armstrong site for the Nevada Street site. The amendment was lost by the following vote: Ayes, Mrs. Evans; noes, Mr. Abbott, Mrs. Busey, Mr. Hoit, Mr. Montgomery, Mr. Moore; not voting, Mrs. Henrotin, Mr. Trevett, Miss Watson; absent, Mr. Blair, Mr. Dunne, Mr. Meeker.

The original motion was then passed by the following vote: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; not voting, Mrs. Evans; absent, Mr. Blair, Mr. Dunne, Mr. Meeker.

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

President James resumed the presentation of matters for the consideration of the board as follows:

##### HEATING APPARATUS FOR ARMORY.

(4) A schedule of bids for the heating apparatus for the new Armory, with a recommendation from the Supervising Architect that the contract be awarded to the low bidders, the Carson-Payson Company, and that the contract for temperature control be awarded separately to the Powers Regulator Company.

##### SCHEDULE OF BIDS.

	Bid.	<i>Deduct.</i> Tem. control.	Net amount.	Time completed.
Carson-Payson, Champaign .....	\$17,300 00	\$1,100 00	\$16,200 00	Oct. 15, 1914
Reliable Plumbing & Heating Co. ....	17,500 00	1,172 00	16,328 00	Sept. 10, 1914
Fitzpatrick & Hoepfner, Columbus, Ohio.....	17,639 00	900 00	16,739 00	Jan. 1, 1915
Urbeuer-Atwood Heating Co., St. Louis, Mo....	17,350 00	1,050 00	16,300 00	Dec. 1, 1914

On motion of Mr. Hoit, the contract for furnishing and installing the heating apparatus in the new Armory was awarded to the Carson-Payson Company, for the sum of sixteen thousand two hundred dollars (\$16,200), by the following vote: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Meeker.

##### TEMPERATURE CONTROL FOR ARMORY.

On motion of Mr. Moore, the contract for furnishing and installing the apparatus for temperature control in the new Armory was awarded to the Powers Regulator Company, for the sum of nine hundred seventy dollars (\$970), by the following vote: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Meeker.

At this point Mrs. Busey withdrew.

##### CONCRETE FLOOR AND STUCCO ENDS FOR ARMORY.

(5) A recommendation from the Supervising Architect that the items of six thousand dollars for a concrete floor in the new Armory, and of one thousand five hundred thirty-two dollars for the application of stucco with a cement gun to the ends of the Armory, which were incorporated in the original bid of N. H. Shields for the construction of the ends of the Armory but which were not accepted by the board when the contract was awarded, be now accepted. [See page 699.]

On motion of Mr. Hoit, the supervising architect was authorized to award a contract to Mr. N. H. Shields for a concrete floor in the Armory for six thousand dollars (\$6,000) and for the use of the cement gun in applying stucco to the ends of the Armory for one thousand five hundred thirty-two dollars (\$1,532). The vote (taken separately on each item) was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker.

##### STUCCO FINISH FOR NORTH AND SOUTH SIDES OF ARMORY.

(6) A recommendation from the Supervising Architect that the north and south sides of the Armory be finished with stucco applied with the cement gun at a cost of twenty-five hundred dollars.

On motion of Mrs. Henrotin, the supervising architect was authorized to contract for the finishing of the north and south sides of the Armory with stucco applied with the cement gun, at a cost of twenty-five hundred dollars (\$2500). The vote was as follows: Ayes, Mr. Abbott, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; not voting, Mrs. Evans; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker.

#### LIGHTING SYSTEM FOR THE ARMORY.

(7) A recommendation from the Supervising Architect that the sum of five thousand dollars be appropriated for the installation of the lighting system in the new Armory.

On motion of Mrs. Evans, the sum of five thousand dollars (\$5,000) was appropriated for the installation of the lighting system in the Armory. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker.

#### DOUBLE GLAZING WINDOWS IN ENDS OF ARMORY.

(8) A recommendation from the Supervising Architect that the sum of seven hundred dollars be appropriated for double glazing the windows in the ends of the Armory.

On motion of Mr. Hoit, the sum of seven hundred dollars (\$700) was appropriated for double glazing the windows in the ends of the Armory, by the following vote: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker.

#### PROPOSED DESIGN FOR EDUCATION BUILDING.

(9) A communication from Mr. James B. Dibelka, State Architect, with a sketch of the design for the building for the School of Education.

After inspection of the plans and discussion of the points involved in the construction of a building of the design submitted, the board voted, on motion of Mrs. Henrotin, to instruct the supervising architect to inform the State Architect that the design submitted was not satisfactory.

#### EXTENSION OF TUNNELS FOR HEAT AND LIGHT.

(10) A recommendation from Professor White that the sum of seventeen thousand six hundred dollars be appropriated for the extension of the tunnels for heat and light to the new buildings on the campus which will be ready for use next fall.

On motion of Mr. Moore, the sum of seventeen thousand six hundred dollars (\$17,600) was appropriated for the extension of the tunnels for heat and light to the new buildings on the campus which will be ready for use next fall. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker.

#### REPAIRS ON OLD ARMORY.

(11) A recommendation from the Supervising Architect that as soon as the Military Department is transferred to the new Armory the old Armory be turned over to the Department of Physical Training.

On motion of Dr. Montgomery, the recommendation of the supervising architect was approved and the sum of twenty-five hundred dollars (\$2,500) was appropriated for repairs and improvements necessary to fit the building for the use of the Department of Physical Training. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker.

### ORGAN LOFT FOR AUDITORIUM.

(12) A recommendation from the Supervising Architect that the sum of nine thousand five hundred dollars be appropriated for preparing the Auditorium for the installation of the new pipe organ. This includes the organ-chamber, the grills and decorating, and also the work of remedying acoustic defects.

On motion of Mrs. Henrotin, the sum of nine thousand five hundred dollars (\$9,500) was appropriated for preparing the Auditorium for the installation of the pipe organ. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker.

At this point Mr. Abbott, being called from the room, asked Mr. Moore to take the chair.

### FINISHING ADDITIONAL ROOMS IN LINCOLN HALL.

(13) A recommendation from the Supervising Architect that the northeast and southeast corner rooms on the top floor of Lincoln Hall be finished off for use, at a cost of one thousand dollars.

On motion of Mrs. Henrotin, the sum of one thousand dollars (\$1,000) was appropriated for finishing the northeast and southeast corner rooms on the top floor of Lincoln Hall. The vote was as follows: Ayes, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Abbott, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker.

At this point Mr. Abbott returned and resumed the chair.

### OPENING OF STREET THROUGH PHARMACY LOT.

(14) A request from the Board of Local Improvements of the city of Chicago that the University of Illinois dedicate for the opening of a street a strip of land to the city from the lots which it owns on Fairfield Avenue and Forty-seventh Street in the city of Chicago.

On motion of Mrs. Evans, this request was referred to the President of the Board of Trustees for investigation and report.\*

### CHANGES IN MECHANICAL PLANT, COLLEGE OF MEDICINE.

(15) A request from the Supervising Architect for authority to change the mechanical plant in the building of the College of Medicine in Chicago so as to make it a low pressure heating system, with the expectation of buying the electricity needed in the conduct of the college. The cost is estimated at \$5,080. It is believed that a saving of approximately \$2,000 a year may result from this change.

\* Since the meeting of the Board the Secretary has received the following report for the President of the Board concerning the opening of the street thru the Pharmacy lot—

June 30, 1914.

*Mr. H. E. Cunningham, Secretary, University of Illinois, Urbana, Ill.*

DEAR SIR: Agreeable to instructions given by the Board on April 22, I, in company with Professor Day, of the School of Pharmacy, inspected the lot owned by the University between Forty-seventh and Forty-eighth Streets and between Rockwell Street and California Avenue, in the city of Chicago. This inspection was made as a result of a notice received from the Board of Public Improvement of the city of Chicago, advising it was proposed to have Fairfield Avenue cut through from Forty-seventh to Forty-eighth Street, in which case one-half of the street, or a strip 33 feet wide, would be taken off of our property, reducing its width from 8 rods to 6 rods.

I find that the lot in question is located in that part of the city generally known as Gage Park, which, because of lack of drainage, is liable to be covered with water during rainy seasons, although these conditions have been somewhat improved of late by the construction of a large main sewer on Halsted Street about one-half mile distant from our property.

The streets in that locality are, for the most part, unimproved and there is a great deal of unsubdivided and vacant property in the neighborhood, and on the whole the property is not immediately desirable and offers very little promise for the near future; and if Fairfield Avenue is cut through, as is proposed, there will, in the course of time, follow assessments for improvements amounting to \$3,000 or \$4,000. But as the only hope for the property is to have it subdivided and sold off, and as this would be impossible without Fairfield Avenue being improved, both Professor Day and I favored having the street opened, and, at my request, Professor Day appeared before the Board of Public Improvements and stated to the Board that the University would donate a strip two rods wide providing the street were opened from Forty-seventh to Forty-eighth Street, and as no objection was raised at the hearing, Fairfield Avenue will probably be cut through; and I would suggest to the Board that it consider offering the lot for sale at a price which real estate experts would consider to be reasonable.

Respectfully submitted,

W. L. ABBOTT.

On motion of Dr. Montgomery, the supervising architect was authorized to change the heating plant in the building of the College of Medicine so as to make it a low pressure heating plant and to arrange for the purchase of electricity and for the sale of the discarded parts of the present equipment, and the sum of five thousand eighty dollars (\$5,080) was made to meet the expenses of the change. The vote was as follows: Ayes, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; not voting, Mr. Abbott; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker.

#### REMODELING CHEMISTRY LECTURE ROOM.

(16) A recommendation from the Supervising Architect that he be authorized to remodel the lecture-room in the present chemical laboratory so as to make the floor fireproof and provide ceiling light, which will be necessary because of the closing of some of the windows by the proposed addition to the chemical laboratory. The estimated cost is \$5,000.

On motion of Mr. Hoit, the supervising architect was authorized to let contracts for the remodeling of the chemistry lecture-room addition at a cost not to exceed five thousand dollars (\$5,000), the sum expended to be charged to the appropriation for the addition to the Chemistry Building. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker.

#### APPROPRIATION FOR CATALOGING IN LIBRARY.

(17) A request from the University Librarian for an appropriation of \$1,040 for extra service in the University library during the summer in order to expedite the work of cataloging, which is falling into arrears.

On the recommendation of President James and on motion of Mrs. Henrotin, the sum of one thousand forty dollars (\$1,040) was appropriated for extra service in the cataloging department of the University Library. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker.

#### CO-OPERATION CERAMICS INVESTIGATION.

(18) A request from Mr. R. T. Stull, Acting Director of the Courses in Ceramics, for an appropriation of \$2,000 for investigating the coal measure shales of the State, in cooperation with the State Geological Survey.

On the recommendation of President James and on motion of Mrs. Evans, the President of the University was authorized to approve bills to the amount of two thousand dollars (\$2,000), or such part thereof as may be necessary, for doing this work. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker.

#### TRANSFER OF AGRICULTURAL FUNDS.

(19) A recommendation from the Dean of the College of Agriculture and the Director of the Agricultural Experiment Station that \$200 of the Hatch money appropriated to the nitrogen fixation experiments be transferred to the Department of Dairy Husbandry, and that \$70 of the Adams money for the administration fund be transferred to the Department of Animal Husbandry.

On motion of Mr. Hoit, this transfer of funds was ordered.

#### ADVISORY COMMITTEES, COLLEGE OF AGRICULTURE.

(20) A request from Dr. Eugene Davenport, Dean of the College of Agriculture and Director of the Agricultural Experiment Station, with reference to the constitution and appointment of certain advisory committees. This matter was presented to the board on December 13, 1913 (see page 669) and consideration was deferred at the request of Governor Dunne.



The Governor has indicated in letters to Dean Davenport and to me that he is in favor of the establishment of these advisory committees. The following letter has just been received from the Governor:

SPRINGFIELD, ILL., June 8, 1914.  
DEAR PRESIDENT JAMES: I have yours of the 6th instant, and regret to say that owing to the press of public business it will be impossible for me to be at the meeting of the Board of Trustees at Urbana, on Tuesday, June 9.

I am satisfied that the agricultural advisory committees are a valuable acquisition to the University officials, and am in favor of their continuance, provided they can be paid for out of the appropriation allowed the University.

Very truly yours,

E. F. DUNNE.

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

On motion of Mr. Moore, the recommendations of the Dean of the College of Agriculture and Director of the Agricultural Experiment Station were adopted as printed above on page 669.

#### ENTRANCE REQUIREMENTS, SCHOOL OF PHARMACY.

(21) A recommendation that the requirements for admission to the School of Pharmacy of the University of Illinois be advanced to include graduation from an accredited high school with fifteen acceptable units, to be in effect for the academic year beginning September 1, 1916.

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

#### ORGANIZATION OF ADDITIONAL COMPANIES IN THE CADET REGIMENT.

(22) The following letter from the Professor of Military Science:

April 1, 1914.

*The President, University of Illinois.*

SIR: I have the honor to request authority to organize four additional companies in the cadet regiment at the beginning of the next year, September, 1914. One company will be added to each battalion, necessitating twelve (12) extra officers and therefore twelve (12) military scholarships.

When 1,297 men actually drilling at the beginning of this semester in the 16 companies of infantry, we could have had 20 companies of 64 men each. General Order No. 70, War Department, Par. 22, states that companies should not ordinarily exceed 58 men which is the maximum of the National Guard companies.

These companies cannot be organized into a fifth battalion on account of scarcity of officers, but this can be done the following year and the addition of the new Armory will facilitate the handling of another battalion.

Sixteen companies as at present gives an average of 81 per company, which is too large for proper handling by inexperienced officers. Similar companies will give greater efficiency in the regiment and cause the training of more officers for service with the reserves or volunteers.

Very respectfully,

F. D. WEBSTER,

*Major of Infantry, Professor of Military Science.*

On motion of Mrs. Evans, the commandant was authorized to organize four additional companies in the cadet regiment at the beginning of the next academic year, in September, 1914, with the understanding that twelve extra officers and twelve military scholarships shall be provided for in the budget for the coming year.

#### TRANSFER OF FUNDS TO ENGINEERING EXPERIMENT STATION.

(23) A request from the Dean of the College of Engineering for the transfer of \$900 from the appropriation for theoretical and applied mechanics in the College of Engineering to the appropriation for theoretical and applied mechanics in the Engineering Experiment Station.

On motion of Dr. Montgomery, this transfer was ordered.

#### RESEARCH UPON SPECIAL COMMERCIAL PROBLEMS.

(24) A letter from the Dean of the Graduate School concerning the policy of using money to conduct research upon special commercial problems.

April 29, 1914.

*President E. J. James.*

DEAR MR. PRESIDENT: A year ago certain difficulties arose in connection with the work of a student employed in doing so-called research work for the canning industry when he attempted to count his work towards the master's degree. The executive faculty of the Graduate School has discussed from time to time the whole proposition of accepting money to conduct research upon special commercial

problems, and at its meeting on Friday, April 24, voted to make the following recommendation:

1. That no arrangements for accepting money from private sources, to be paid out as a fellowship stipend in return for the prosecution of research in any line, shall be completed without the approval of the executive faculty of the Graduate School.

2. That no donation of money shall be accepted by the University from private sources for the purpose of prosecuting research in any lines in which the donors are commercially interested, except on the agreement that the results of the research are the property of the University and must be treated like other scientific research, in so far as concerns the right of the University to publish them or not to publish them, without reference to the needs or wishes of the donor of the gift.

I submit this with the request that it be transmitted, if you approve, to the Board of Trustees for adoption as declaring the policy of the University in such matters.

Very truly yours,

DAVID KINLEY.

On motion of Dr. Montgomery, the foregoing action of the Executive Faculty of the Graduate School was approved.

#### OFFER FROM GENERAL ELECTRIC COMPANY.

(25) The following statement:

Professor Ernst Julius Berg has requested me to ask the Board of Trustees whether they would be willing for the General Electric Company, of Schenectady, N. Y., to make an arrangement with a member of the staff of the Engineering Experiment Station, by which he should take out a patent on a certain valuable discovery which he seems to have made in the course of his investigations. It is understood that if he does he will assign the patent to the General Electric Company.

They will undertake to reimburse the University for the expense involved in the work which the member of the staff has been carrying on, including his salary during the time he was making this investigation. They will also pay him a certain sum for his work and offer him a position with the company.

The discovery he has made is, of course, of problematical value. In the opinion of the company, it would have no special value if simply published as an ordinary scientific bulletin, since it would take a large sum of money to determine by actual experiment on a commercial scale whether the discovery has any practical significance, and no individual or company will undertake to make this experiment unless it could be reasonably sure that if it turned out to be valuable, it could have control of the discovery, at least for a time, which would return to the company the expenditure involved in the experimentation.

It is believed by the company that it would be well to adopt some such plan in connection with scientific investigation in the University laboratories; i. e., a scheme under which the University would receive back the money expended upon such investigation, under which the investigator should have the opportunity of a special pecuniary return for his work, and under which it would be possible to secure the practical utilization of such discoveries which would generally depend upon the possibility of having exclusive use of such discoveries or possible inventions for a limited time.

I doubt whether such an arrangement would commend itself to the people of the State of Illinois, and I shall refuse the offer unless the board otherwise directs.

No action was taken concerning this matter.

#### STREET CAR LINE EAST OF FORESTRY.

(26) A request from Hon. William B. McKinley, on behalf of the Urbana Railway, Gas and Electric Company, for permission to run a street car line south on Lincoln Avenue on the parking east of the Forestry.

On the recommendation of President James and on motion of Mr. Hoit, this request was referred to the Committee on Buildings and Grounds for consideration and report.

#### GIFT OF COLLECTION OF ALGAE.

(27) A letter from Professor Trelease stating that Mrs. Mary Snyder, of LaJolla, Cal., has presented to the Department of Botany of the University a complete set of one of the great published collections of algae—the Phycotheca Boreali-Americana of Collins, Holden, and Setchell.

On motion of Mrs. Evans, the gift was accepted and the President of the University was authorized to express the thanks of the Trustees of the University for this gift.

#### REAPPROPRIATION OF AGRICULTURAL FUNDS.

(28) A recommendation that the balances of the receipts in the College of Agriculture amounting to \$1,665.90, and in the Agricultural Experiment Station,

amounting to \$8,308.57, which lapsed under the rule of the board concerning the appropriation of balances on June 30, 1913, be reappropriated to the respective departments in the conduct of whose business the amounts were received.

On motion of Mr. Hoit, the lapsed balances in the College of Agriculture, amounting to one thousand six hundred sixty-five dollars and ninety cents (\$1,665.90), and in the Agricultural Experiment Station, amounting to eight thousand three hundred eight dollars and fifty-seven cents (\$8,308.57), were reappropriated to the respective departments in which they had been received. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker.

#### ADDITIONAL APPROPRIATION FOR EMERGENCY HOSPITAL.

(29) A recommendation that a supplementary appropriation of \$1,500 be made to defray the expenses connected with the establishment and conduct of the emergency hospital and the measures which were taken in the scarlet fever situation.

On motion of Mr. Hoit, the sum of fifteen hundred dollars (\$1,500), or so much thereof as may be necessary, was appropriated to defray the expenses of the emergency hospital. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker.

#### ALLEY VACATED.

(30) A statement concerning the alley on the site of the Education Building: The City Council of Urbana vacated an alley running through the proposed site of the School of Education Building on condition that the Board of Trustees provide a new alley running to the south. [See minutes of the meeting of March 10, 1913, page 723.]

I recommend that the officers of the Board of Trustees be authorized to convey to the city of Urbana, for the use of the public as an alleyway, a strip of ground from the east side of Lot 8 and west side of Lot 9, in Block 55, in the Seminary Addition to the city of Urbana, of a uniform width of 16½ feet, and extending from the north line of said lots to Springfield Avenue.

On motion of Mr. Moore, the officers of the board were authorized to convey the strip of ground described above to the city of Urbana. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker.

#### RECOMMENDATIONS OF THE UNIVERSITY SENATE.

(31) The following recommendations of the University Senate:

##### CERAMICS TRANSFERRED TO THE COLLEGE OF ENGINEERING.

(a) A recommendation that the administration of the Courses in Ceramics be transferred, as soon as may be convenient, from the College of Liberal Arts and Sciences to the College of Engineering.

On the recommendation of President James and on motion of Mr. Hoit, the President of the University was authorized to transfer the administration of the Courses in Ceramics to the College of Engineering.

##### DEGREE OF BACHELOR OF SCIENCE IN THE COLLEGE OF MEDICINE.

(b) A recommendation that the faculty of the junior college of the College of Medicine be authorized to recommend as candidates for the Degree of Bachelor of Science, those students who offer two years of acceptable college work for admission to the College of Medicine and complete the two years of scientific work in medical subjects and subjects preparatory to medicine which are offered in the junior college; with the understanding that the same students, upon the completion of the two additional years in clinical work offered in the senior college, may be recommended by the faculty of the senior college for the Degree of Doctor of Medicine.

On the recommendation of President James and on motion of Mrs. Evans, authority was granted the junior college of the College of Medicine to recommend candidates for the degree of Bachelor of Science as requested.

## COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION.

(c) The following resolution:

That it is the sense of the Senate that the business courses of the University should be organized as a separate college of commerce and business administration, or under some other name of like import.

On the recommendation of President James and on motion of Mrs. Henrotin, the above recommendation was approved and the President of the University was authorized to proceed as rapidly as may be convenient with the organization of such a college.

## REQUIREMENTS FOR ADMISSION.

(d) A recommendation that on and after September 1, 1916, all students must present 15 acceptable units of high school work for admission to the University. For the year beginning September 1, 1915, a student who lacks 1 of the 15 units required for matriculation may be entered as a conditioned freshmen, but this condition must be removed during the first year.

Candidates for admission without examination must be graduates of accredited secondary schools. Candidates for admission who present 15 units from approved secondary schools but who are not graduates of the same must be examined in the following subjects:

	Units.
English .....	3
Algebra .....	1

Additional subjects amounting to 3 units to be chosen by the University authorities controlling entrance examinations.

An application for admission to the University in the courses leading to the degrees of Bachelor of Arts, Bachelor of Science, and Bachelor of Music, must offer fifteen (15) acceptable units of high school or other secondary school work so chosen as to include:

I. Certain subjects, comprised in List A, prescribed by all the undergraduate colleges, namely:

	Units.
English literature and composition .....	3
Algebra .....	1
Plane geometry .....	1
Physics, or chemistry, or botany, or zoölogy, or physiology, with laboratory work .....	1
Total prescribed by all colleges .....	6

II. Certain subjects prescribed in addition for the individual college which the student wishes to enter:

	Units.
For the College of Liberal Arts and Sciences for the courses leading to the Degree of Bachelor of Arts—	
Foreign language (both units in the same language) .....	2
For the College of Liberal Arts and Sciences for the courses in General Science and in Chemistry—	
Science .....	1
For the College of Liberal Arts and Sciences for the course in Chemical Engineering—	
Science .....	1
German .....	1
For the College of Engineering—	
Advanced algebra .....	$\frac{1}{2}$
Solid geometry .....	$\frac{1}{2}$
For the College of Agriculture—	
Science .....	1
For the School of Music—	
Foreign language (both units in the same language) .....	2
Music .....	2

III. Enough electives chosen from List B below to make, with the subjects prescribed for all colleges (List A) and those prescribed by the individual college of the student's choice, a total of twelve (12) units in academic subjects.

	Units.
Latin .....	1 —4
Greek .....	1 —3
French .....	1 —4
German .....	1 —4
Spanish .....	1 —2
English (4th unit) .....	1
Advanced algebra .....	$\frac{1}{2}$
Solid geometry .....	$\frac{1}{2}$
Trigonometry .....	$\frac{1}{2}$
History .....	1 —3
Civics .....	$\frac{1}{2}$ —1
Economics and economic history .....	$\frac{1}{2}$ —1
Commercial geography .....	$\frac{1}{2}$ —1
Astronomy .....	$\frac{1}{2}$

	<i>List B.</i>	Units.
Botany .....		$\frac{1}{2}$ —1
Chemistry .....		1 —2
Geology .....		$\frac{1}{2}$ —1
Physics .....		$\frac{1}{2}$ —1
Physiography .....		$\frac{1}{2}$ —1
Physiology .....		$\frac{1}{2}$ —1
Zoology .....		$\frac{1}{2}$ —1

IV. Three (3) units chosen from List B above or from List C below.

	<i>List C.</i>	Units.
Agriculture .....		1 —2
Bookkeeping .....		1
Business law .....		$\frac{1}{2}$
Domestic science .....		1
Drawing .....		$\frac{1}{2}$ —1
Manual training .....		1 —2
Music .....		1 —2

After September 1, 1916, no student will be admitted to the University who lacks 15 acceptable units including the 6 units of List A and 6 units from List B. A student deficient not more than 2 units in the special prescriptions of the college which he desires to enter may be admitted to such courses as he is prepared to take, provided that such deficiencies must be made up within one year.

On the recommendation of President James and on motion of Mrs. Henrotin, the requirements for admission as outlined above were approved.

#### REQUIREMENTS FOR GRADUATION. COLLEGE OF LIBERAL ARTS AND SCIENCES.

(e) A recommendation that the following conditions for graduation in the College of Liberal Arts and Sciences be established, viz:

##### *Requirements for the A.B. Degree.*

A. *Prescribed.*—Rhetoric 1; Physical Training 1 and 1a for men; 7 and 9 for women; Military Science 1 and 2 for men.

B. *Group Requirements.*—Every candidate must offer the minimum of work specified in each of the following groups:

I. *English* (the offering in this group must include at least a one-semester course in literature).

II. *Foreign Languages and Literatures.*—(Exclusive of courses in translation.)

NOTE.—Candidates for the degree who have not offered Greek or Latin or French or German for entrance must offer one of these languages for graduation.

If a student has offered but two units of a foreign language for entrance to the University, he must pursue the study of foreign languages through two year courses or the equivalent. If he has offered for entrance three or more units of foreign language, he must continue the study of foreign language through one year of his college course.

III. *History, Political and Social Science.*—History, Economics, Political Science, Sociology; 8 hours.

IV. *Mathematics and Physical Science.*—Mathematics, Astronomy (Courses with college mathematics as prerequisites), Physics, Chemistry; 8 hours.

V. Botany, Entomology, Geology, Physiology, Zoology; 8 hours.

VI. Education, Philosophy, Psychology; 6 hours, of which 3 shall be in Philosophy or Psychology.

C. *Major Subjects.*—Each candidate must select some one subject to be designated as his major. A major consists of courses amounting to 20 hours chosen from among those designated by a department and approved by the faculty of the college. Such courses are to be exclusive of those elementary or beginning courses which are open to freshmen and inclusive of some distinctly advanced work.

The subjects at present recognized as majors in this college are: Astronomy, Bacteriology, Botany, Chemistry, Classics, Education, Economics, English, Entomology, French, Geology, German Germanic Languages, Greek, History, Household Science, Latin, Mathematics, Philosophy, Physiology, Physics, Political Science, Psychology, Romance Languages, Sociology, Zoology.

D. *Minor Subjects.*—Each candidate must offer, in addition to his major, a minor of 20 hours in one or more allied subjects designated by the major department and approved by the faculty of the college. At least 8 hours must be offered in one subject.

E. *Elective Subjects.*—

1. Not more than 40 hours in any one subject may be counted for graduation, except: (a) In special courses approved by the faculty of the college; (b) when a student is writing a thesis, he may count, in addition to the 40 hours, the hours of the course in which he does his thesis work; (c) in the Department of English a student may take 40 hours in addition to Rhetoric 1.

NOTE.—The total credit in Art and Design is limited to 20 hours.

2. No credit is granted in any subject unless the student pursues it for the full time required in the shortest course offered in that subject. For example, if the student elects a course which yields two hours for one semester, he must stay in the class during one semester in order to get any credit at all. In order to secure any credit in a beginning course in a foreign language, a full year's work must be completed.

3. A limited amount of credit towards the A.B. degree is ordinarily given for courses offered in other colleges and schools of this University as follows: Physical Training—Not to exceed 5 semester hours.

Military Science and Tactics—Military Science 1 and 2.

Law—The amount of work to be credited from this college was referred to a special committee.

Engineering—General Engineering Drawing 1 and 2 (Mechanical Drawing and Descriptive Geometry); Theoretical and Applied Mechanics 7 and 8 (Analytical Mechanics); Mechanical Engineering 7 and 15 (Thermodynamics); Civil Engineering 10 or 21 (Surveying); Architecture 31, 32 (Architectural Drawing); Architecture 13, 14, 15, 16 (History of Architecture); Electrical Engineering 1 and 28, or 16, 6, 29. The total credit allowed in these engineering courses will not ordinarily exceed 24 hours.

Agriculture—Agricultural Extension 2 (Elementary Agriculture for teachers); Agronomy 12, Agronomy 25 (Seeds), for business students only; Agronomy 9 (Soil Physics); Farm Management 1; Agronomy 22 (Plant Breeding); Animal Husbandry 7 (Principles of Animal Nutrition); Animal Husbandry 30 (Principles of Evolution as Applied to the Improvement of Domesticated Animals and Plants); Horticulture 9 (Forestry); Horticulture 10 (Landscape Gardening); Horticulture 12 (Evolution of Horticultural Plants); Horticulture 19 (General Floriculture), for household science students only. The total credit allowed in these agricultural courses will not ordinarily exceed 14 hours.

Library Science—Library 7 (History of Libraries); 9 (Bookmaking); 2 or 12 (General Reference); 13 (Public Documents). The course in General Reference (Lib. 12) is of special value to students in the College of Liberal Arts and Sciences.

Music—Music 1, 2, 3, 4, and 5 (Courses in the history and theory of music).

Courses not listed under paragraphs 1 to 5 above may not be counted for the degree of A.B., except by special permission of the Dean of the College.

#### *Requirements for the B.S. Degree.*

Pending further action by the College of Liberal Arts and Sciences and by the Senate, students admitted to work leading to the degree of Bachelor of Science in the General Science Course, who have completed that course including a major in groups 4 or 5, together with two year courses or their equivalent in foreign language, will be graduated with the degree of Bachelor of Science.

*F. Bachelor's Thesis.*—A bachelor's thesis is not generally required in this college. Students of high standing are, however, encouraged to write thesis in connection with their major studies. Credit toward the degree is given for thesis work only as a part of the work in some course for which the student is registered. The presentation of a thesis is specifically required of all candidates for the honor degree.

On the recommendation of President James and on motion of Dr. Montgomery, the requirements for graduation from the College of Liberal Arts and Sciences outlined above were approved.

#### RESEARCH WORK IN PHARMACY.

(32) The following statement:

Dr. J. H. Beal, of Selo, Ohio, desires to locate here at the University certain research work in the field of pharmacy, for the prosecution of which he has certain funds at his disposal.

Professor Noyes, Director of the Chemical Laboratory, thinks that this work is valuable in itself and would be of considerable direct benefit to the University of Illinois, and he proposes that the University offer to Dr. Beal, free of charge, the use of two rooms in the Chemical Laboratory, suitable for laboratory and office, which it will cost about \$400 to fit up. Dr. Beal would be expected to provide his own office furniture, cases, etc. But ordinary chemicals and apparatus in moderate amount would be furnished by the University for the researches free of charge. In return for this it is understood that it is Dr. Beal's intention to appoint and pay one or more fellows, graduates of colleges or universities, who will engage in graduate study and work along lines of pharmaceutical research, such appointments being made subject to the approval of the University. These fellows may become candidates for degrees according to the regulations laid down by the graduate faculty, and will be subject to the regulations of the University in these respects. They will be granted the same privileges, as to exemption from laboratory and tuition fees, as are granted to the fellows of the University. This entire arrangement would be for a single year in order to determine as far as possible its value.

On the recommendation of President James and on motion of Mr. Moore, the President of the University was authorized to arrange to have Dr. Beal come to the University for one year to conduct investigations in the field of pharmacy.

#### SUIT STOLEN FROM GYMNASIUM.

(33) A request from Mr. W. J. Robertson, 1204 John Avenue, Champaign, Ill., that the University refund to Miss Miriam Robertson the cost of a suit, which, according to her statement, was stolen from her dressing-room in the gymnasium.

It was the opinion of the Board of Trustees that, while the University will take every precaution to protect the property of students left in or about University buildings, it can not undertake to be responsible for any losses which may occur from fire, theft, or other reason. No action was taken concerning Mr. Robertson's request.

#### SMITH-LEVER BILL FOR AGRICULTURAL EXTENSION.

(34) A letter from the Dean of the College of Agriculture and the Director of the Agricultural Experiment Station concerning the administration of the funds which are likely to come to the University through the working of the Smith-Lever bill passed by the last Congress:

June 8, 1914.

*Dr. Edmund James James, President of the University of Illinois.*

DEAR SIR: On May 8, the president of the United States signed the Smith-Lever Bill entitled "An Act to provide for cooperative agricultural extension work between the agricultural colleges in the several states receiving the benefits of an Act of Congress approved July second, eighteen hundred and sixty-two, and of Acts supplementary thereto, and the United States Department of Agriculture." (H. R. 7951.)

Section 2 of this bill states its purpose as follows:

"That cooperative agricultural extension work shall consist of the giving of instruction and practical demonstrations in agriculture and home economics to persons not attending or resident in said colleges in the several communities, and imparting to such persons information on said subjects through field demonstrations, publications, and otherwise; and this work shall be carried on in such manner as may be mutually agreed upon by the Secretary of Agriculture and the State Agricultural College or colleges receiving the benefits of this Act."

Under the provisions of this Act following its acceptance by the Governor of the State, the University is entitled to receive \$10,000 for the fiscal year beginning July 1, next.

Further benefits are conditioned upon the states appropriating equal amounts for the general expenses set forth in the bill, but the first \$10,000 is unconditional.

Together with my associates I have given much careful thought to the provisions of this bill and its possible consequences both good and evil, and I am prepared to make the following recommendations at this time:

I. That the University urge the Governor to accept the provisions of the Act so far as the first ten thousand dollars are concerned and that he designate this institution as the beneficiary, but that future benefits be conditioned upon the State's meeting the provisions of the bill independent of the mill tax fund of the University; that is, specifically, we are better off without the additional funds than we would be with them if any portion of the offset should be taken from the University mill tax.

II. That the Dean of the College of Agriculture be designated as the immediate administrative officer, through whom the funds should be administered subject to the action of the Board of Trustees upon the recommendation of the President of the University, as in all other matters; and that his title for this purpose be Director of Agricultural Extension Service.

III. That the President of the University be empowered to complete the organization by the selection and appointment of a vice-director to have charge of the immediate details of the work.

IV. That, inasmuch as the work herein begun may extend to prodigious proportions approximating the expenditure of \$275,000 annually within ten years, it is recommended that, so far as is consistent with the purposes of the Act, the actual work shall be done by members of the various departments of the college detailed for the purpose, rather than through an entirely separate extension group organized independent of existing departments—a plan that is certain to lead speedily to conflict in teachings, if not to absolute reproach to the institution. In brief, this recommendation is intended to insure that the head of the Animal Husbandry Department, for example, shall have authority over and may be held responsible for all teachings emanating from the University within the domain of his subject, whether involving students, scientists, or farmers. Any other plan, we hold, would work confusion to departments and to University organization, which should not be subordinated to possible convenience in the administration of a minor fund.

V. That inasmuch as the various departments have already been forced to set aside men for the study of questions of farm organization in which economics rather than chemistry, physics, or biology affords the underlying principles; inasmuch as the indications are strong that all these men studying along the same lines in whatever departments should be organized into a single group with a responsible head; and inasmuch as the essential features of the work contemplated by the Lever Bill are economic rather than otherwise. I therefore recommend that the President of the University be authorized to organize in the College of Agriculture a department of farm organization and administration, and that the vice-director above mentioned shall be a member of this department, possibly its head or associate to the head. (The alternate terms are agricultural economics, which seems to belong not to agriculture but to economics, and farm management, though farm organization and administration seems rather better to describe the field. The specific title is relatively unimportant at this time, but may not be later.)

VI. The Federal Department of Agriculture has large funds with which it contemplates extension work similar to that provided for in the Lever Bill. It

therefore proposes a general plan of cooperation to cover all work of similar kind now or in the future to be undertaken. As the plan can be terminated at any time, I recommend that the President of the University be empowered to authorize the Director of the Agricultural Extension Service to enter into such cooperative plans, provided the cooperation and joint control does not extend to the outside activities necessarily arising out of the needs of research work, as in soil experiments carried on outside the University; that is to say, that extension work should not be made to cover everything undertaken off the University campus; and provided further than the cooperation should not interfere with any plans which the University may desire to develop for the general system of extension service.

I append a copy of the report of a committee consisting of the leading department heads now on the ground. Dr. Hopkins by letter strongly advocates the holding of all work within the limits of a single administrative machine as now, though when the matter was last discussed, he did not believe that there is such a thing as economics in agriculture aside from "common sense."

Respectfully submitted,

E. DAVENPORT, *Dean*.

On the recommendation of President James and on motion of Mr. Hoit, the recommendations of the Dean of the College of Agriculture and Director of the Agricultural Experiment Station in regard to the above matter were approved, and the requisite authority was given to proceed with the administration of the fund, in accordance with the plan outlined above.

#### APPROPRIATION FOR CARE OF PHYSICAL PLANT.

(35) A recommendation from the comptroller that a supplementary appropriation of \$72,000 be made to cover expenses of the physical plant certified by the office of the Supervising Architect for the year ending June 30, 1914, and that any balance in this supplementary appropriation be allowed to lapse on June 30, 1914.

On motion of Mr. Trevett, the sum of seventy-two thousand dollars (\$72,000), or so much thereof as may be required, was appropriated to cover expenses of the physical plant certified by the office of the supervising architect. 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.

#### APPOINTMENT OF MISS GRETA GRAY.

(36) A recommendation that Miss Greta Gray be appointed Instructor in Household Science at a salary of \$1,300 for the academic year beginning September 1, 1914.

On motion of Mrs. Henrotin, this appointment was made.

#### APPOINTMENT OF PROF. V. E. SHELFORD.

(37) A recommendation that Victor E. Shelford be appointed Assistant Professor of Zoölogy in the University of Illinois, on part time, for the term of three years beginning September 1, 1914, at a salary of \$2,000 a year. In case this appointment is made, Mr. Shelford will also be recommended for appointment on the staff of the Natural History Survey, on part time, at a salary of \$500.

On motion of Mr. Hoit, this appointment was made.

#### APPOINTMENT OF MR. JOHN J. DIDCOCT.

(38) A recommendation that Mr. John J. Didcoct be appointed Assistant Inspector of High Schools of the University of Illinois, on part time, at a salary of \$1,600; to be in residence from September 1, 1914, to February 1, 1915.

On motion of Mrs. Henrotin, this appointment was made.

#### APPOINTMENT OF PROF. R. E. HEILMAN.

(39) A recommendation that Dr. R. E. Heilman be appointed Assistant Professor of Economics in the University of Illinois, for a term of three years beginning September 1, 1914, at a salary of \$2,600 a year.

On motion of Mrs. Evans, this appointment was made.

#### APPOINTMENT OF DR. D. M. SCHOEMAKER AUTHORIZED.

(40) A recommendation that the President of the University be given authority to appoint Dr. D. M. Schoemaker Associate Professor of Anatomy in the University of Illinois, at a salary of \$2,800 a year, beginning September 1, 1914.



On motion of Mr. Hoit, the President of the University was authorized to appoint Dr. D. M. Schoemaker Associate Professor of Anatomy in the College of Medicine as recommended.

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

President Abbott presented the following minutes of a meeting of the Committee on Buildings and Grounds, which were received for record:

A meeting of the Committee on Buildings and Grounds was held on May 2, 1914. Present: President Abbott, Mrs. Busey, Mrs. Evans, Mr. Hoit, and Mr. Moore.

The Supervising Architect presented for approval matters pertaining to boiler-house equipment which were referred to the committee with power at the meeting on March 10.

Contracts were authorized with the Buffalo Scale Company for a track scale to cost \$800 and with the Babcock and Wilcox Boiler Company for 1,000 H.P. of boilers at a contract price of \$10,000.

The Illinois Traction Company's proposition to construct the new coaling track at cost was approved and \$3,500 was authorized as the maximum expenditure.

#### LEGALITY OF DELEGATING SIGNATURE OF WARRANTS.

President Abbott presented also the following communication from Judge O. A. Harker, Legal Counsel, concerning the delegation of the signing of the name of the President of the Board to University warrants:

June 9, 1914.

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

DEAR SIR: Your letter of June 6th concerning the authority of the comptroller and the assistant comptroller to sign your name to University warrants came to my office yesterday while I was in Chicago. This is the first opportunity I have had to comply with your request.

I have looked into the legal phase of the proposition and am pleased to give you the following:

#### OPINION.

(1) There is no law prohibiting the Board of Trustees authorizing its president to direct the comptroller and the assistant comptroller to sign his name to warrants.

(2) The authority given could not extend beyond the president's term of office. In other words, the authority was limited to the term to which you were elected as president. If your term expired on the second Tuesday in March, then neither the comptroller nor the assistant comptroller would have authority to sign your name without a new authorization.

(3) It seems from your letter that on the 22d of last April, the board granted a continuation of the authority, but there was no authority given for the period intervening the expiration of your term as president and the 22d of April. The signatures during that period are not, therefore, regular. I would suggest that a resolution ratifying the act of the comptroller and the assistant comptroller for that period of time be passed.

Respectfully,

O. A. HARKER,

*Legal Counsel.*

On motion of Dr. Montgomery, the following preamble and resolutions were adopted:

WHEREAS, The Board of Trustees on the 11th day of March, 1913 (see page 199), authorized its president, W. L. Abbott, to direct the comptroller and assistant comptroller to attach his signature to University warrants issuing from the office of the comptroller, and

WHEREAS, The comptroller and assistant comptroller acting under such directions each did from time to time between the 10th of March and the 22d of April, 1914, attach the signature of said W. L. Abbott to divers and sundry University warrants, without further authority than that contained under the order of the 11th day of March, 1913; be it

*Resolved*, That the acts of the comptroller and assistant comptroller wherein they or either of them attached to University warrants the signature of W. L. Abbott as president, between the dates of March 10 and April 22, 1914, are hereby approved and ratified.

#### APPOINTMENTS MADE BY PRESIDENT JAMES.

The secretary presented for record the following list of appointments made by the President of the University:

Allen, O. W., Temporary Assistant in the Modern Language Seminar, beginning June 1, 1914, and continuing until August 15, 1914, at a salary of sixty-five dollars (\$65) a month. (May 26, 1914.)\*

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

Bennett, A. N., Assistant Chemist in the State Water Survey, beginning April 1, 1914, and continuing until August 31, 1914, at a salary of seventy-five dollars (\$75) a month. (April 28, 1914.)

Beyer, Vera, Stenographer in the office of the Supervising Architect, beginning May 1, 1914, at a salary of sixty dollars (\$60) a month. (May 8, 1914.)

Breedis, John, Temporary Shelf Assistant in the Library, beginning June 15, 1914, and continuing until August 31, 1914, at a salary of fifty-five dollars (\$55) a month. (June 6, 1914.)

Buchanan, Harold C., Assistant Mechanician in the Department of Physics, beginning when he reports for duty and continuing until further notice, at a salary of seventy dollars (\$70) a month. (May 8, 1914.)

Burd, Henry A., Fellow in English, for the academic year 1914-15, beginning September 1, 1914, and continuing until June 30, 1915, with a stipendium of forty dollars (\$40) a month. (May 20, 1914.)

Cavette, Francis E., Clerk in the office of the Dean of Men, beginning July 1, 1914, and continuing until August 31, 1914, at a salary of fifty dollars (\$50) a month. (June 6, 1914.)

Davis, Vera, Stenographer in the Department of Agronomy, beginning May 1, 1914, and continuing until further notice, at a salary of fifty dollars (\$50) a month. (June 4, 1914.)

Easton, Harry D., Instructor in the Miners' and Mechanics' Institutes, beginning when he reports for duty and continuing until June 30, 1915, at a salary of one hundred seventy-five dollars (\$175) a month. (June 4, 1914.)

Hawgood, Helen A., Stenographer in the office of the Director of the Agricultural Experiment Station, beginning August 1, 1914, and continuing until further notice, at a salary of seventy dollars (\$70) a month. (May 8, 1914.)

Hayes, Margaret L., Clerk in the Loan Department of the Library, beginning April 22, 1914, and continuing until further notice, at a salary of forty dollars (\$40) a month. (April 27, 1914.)

Hill, Fanny, Temporary Assistant in the Classics Seminar, for the month of July, 1914, at a salary of sixty-five dollars (\$65) for the month. (May 26, 1914.)

Jones, Mabel, Temporary Cataloger in the Library, beginning April 9, 1914, and continuing until further notice, at a salary of sixty-five dollars (\$65) a month. (April 24, 1914.)

Krudwig, Edna, Laboratory Assistant in the Laboratory of the Department of Pathology in the College of Medicine, beginning May 16, 1914, and continuing until August 31, 1914, at a salary of forty dollars (\$40) a month. (May 8, 1914.)

Moore, Herbert Fisher, Professor of Engineering Materials in the Engineering Experiment Station, in the Department of Theoretical and Applied Mechanics, beginning September 1, 1914, at a salary of three thousand dollars (\$3,000) a year. (April 30, 1914.)

Okey, Ruth E., Scholar in Chemistry, for the academic year beginning September 1, 1914, and ending June 30, 1915, with a stipendium of twenty-five dollars (\$25) a month. (June 6, 1914.)

Robb, William C., Scholar in History, for the academic year beginning September 1, 1914, and ending June 30, 1915, with a stipendium of twenty-five dollars (\$25) a month. (April 27, 1914.)

Roberts, Nellie, Temporary Assistant in the Loan Department of the Library, beginning June 15, 1914, and continuing until August 31, 1914, at a salary of sixty-five dollars (\$65) a month. (May 26, 1914.)

Stewart, C. L., Traveling Fellow in Economics, for the academic year 1914-15, with a stipendium of one thousand dollars (\$1,000) for the year. (June 1, 1914.)

Straw, W. A., Student Assistant in Chemistry, beginning May 1, 1914, and continuing until June 30, 1914, at a salary of thirty dollars (\$30) a month; this appointment superseding his former appointment at the rate of twenty dollars a month. (April 30, 1914.)

Taylor, E. H., Graduate Assistant in Chemistry, beginning May 1, 1914, and continuing until June 30, 1914, at a salary of forty dollars (\$40) a month; this appointment superseding his former appointment at the rate of thirty dollars a month. (April 30, 1914.)

Tracy, Grover, Assistant in Physiological Chemistry in the College of Medicine, beginning April 15, 1914, and continuing until June 30, 1914, at a salary of seventy-five dollars (\$75) a month. (April 23, 1914.)

Turley, Robert E., Scholar in Theoretical and Applied Mechanics, for the academic year 1914-15, beginning September 1, 1914, and continuing until June 30, 1915, with a stipendium of twenty-five dollars (\$25) a month. (May 26, 1914.)

Wells, M. M., Fellow in Zoölogy, for the academic year 1914-15, beginning September 1, 1914, and continuing until June 30, 1915, with a stipendium of forty dollars (\$40) a month. (June 8, 1914.)

Williams, Margaret, Reviser and Assistant in the Summer Session of the Library School, for six weeks beginning June 22, 1914, with a total compensation of eighty-five dollars (\$85) for the session. (April 28, 1914.)

Zipprott, Ella S., Stenographer in the Miners' and Mechanics' Institutes, beginning March 1, 1914, and continuing until further notice, at a salary of fifty dollars (\$50) a month. (April 28, 1914.)

## SUMMER SESSION APPOINTMENTS.

The secretary presented also for record the following list of appointments to the instructional staff of the Summer Session of 1914:

Department and Name.	Salary.	
<b>Agriculture—</b>		
Jamison, A. W. ....	\$250 00	
Bauer, F. C. ....	250 00	
Smith, W. H. ....	225 00	
Gardner, J. J. ....	150 00	
Miller, W. P. ....	200 00	
Roberts, Elmer ....	125 00	
Total .....		\$1,200 00
<b>Art and Design—</b>		
Hill, Mary .....	\$225 00	
Total .....		225 00
<b>Botany—</b>		
Trelease, William .....	\$500 00	
Hague, Stella Mary .....	225 00	
Total .....		725 00
<b>Chemistry—</b>		
Balke, C. W. ....	\$500 00	
Derick, C. G. ....	300 00	
Weber, H. C. P. ....	300 00	
MacInnes, D. A. ....	225 00	
Beal, G. D. ....	225 00	
Hopkins, B. S. ....	225 00	
Sears, G. W. ....	200 00	
Kamm, Oliver ....	200 00	
Total .....		2,175 00
<b>Drawing, General Engineering—</b>		
Jordan, H. H. ....	\$225 00	
Total .....		225 00
<b>Economics—</b>		
Carlton, F. T. ....	\$500 00	
Litman, S. ....	300 00	
Thompson, C. M. ....	225 00	
Total .....		1,025 00
<b>Education—</b>		
Bagley, W. C. ....	\$300 00	
Coffman, L. D. ....	500 00	
Johnston, C. H. ....	500 00	
Anderson, L. F. ....	300 00	
Rapeer, L. W. ....	400 00	
Miller, W. S. ....	200 00	
Harlan, C. L. ....	100 00	
Hall-Quest, A. L. ....	100 00	
Holley, C. E. ....	100 00	
Total .....		2,500 00
<b>English—</b>		
Dodge, D. K. ....	\$500 00	
Paul, H. G. ....	300 00	
Cooper, Lane ....	450 00	
Guild, T. H. ....	250 00	
Creek, H. L. ....	225 00	
Tieje, A. J. ....	225 00	
Buchen, W. A. ....	200 00	
Total .....		2,150 00
<b>Entomology—</b>		
Folsom, J. W. ....	\$300 00	
Peterson, Alvah ....	150 00	
Total .....		450 00
<b>French—</b>		
Oliver, T. E. ....	\$500 00	
Carry, C. S. ....	200 00	
Total .....		700 00
<b>German—</b>		
Lessing, O. E. ....	\$500 00	
Koller, A. H. ....	225 00	
Barto, P. S. ....	225 00	
Held, F. E. ....	200 00	
Total .....		1,150 00

Department and Name.	Salary.	
<b>History—</b>		
Moran, T. F. (See Political Science, total \$500).....	\$300 00	
Richardson, R. K. ....	300 00	
Robertson, W. S. ....	300 00	
<b>Total</b> .....		\$900 00
<b>Household Science—</b>		
Williams, Anna Waller .....	\$225 00	
Fleming, Georgia .....	225 00	
Parsons, Maud .....	200 00	
<b>Total</b> .....		650 00
<b>Latin—</b>		
Barton, H. J. ....	\$200 00	
Canter, H. V. ....	300 00	
<b>Total</b> .....		500 00
<b>Manual Training—</b>		
Park, J. C. ....	\$400 00	
Gross, G. A. ....	225 00	
<b>Total</b> .....		625 00
<b>Mathematics—</b>		
Lytle, E. B. ....	\$250 00	
Wahlin, G. E. ....	250 00	
Kempner, A. J. ....	225 00	
Rowland, S. A. ....	200 00	
Rutledge, George .....	200 00	
<b>Total</b> .....		1,125 00
<b>Mechanical Engineering—</b>		
Radebaugh, G. H. ....	\$225 00	
<b>Total</b> .....		225 00
<b>Mechanics, Theoretical and Applied—</b>		
Seeley, F. B. ....	\$225 00	
Ensign, N. E. ....	225 00	
Gonnerman, H. F. ....	225 00	
<b>Total</b> .....		675 00
<b>Music—</b>		
Smith, Constance Barlow .....	\$300 00	
Brainard, Adeline .....	150 00	
<b>Total</b> .....		450 00
<b>Physical Training (men)—</b>		
Huff, G. A. ....	\$500 00	
Zuppke, R. C. ....	225 00	
Jones, R. R. ....	225 00	
Gill, H. L. ....	225 00	
Casner, Sidney .....	225 00	
<b>Total</b> .....		1,400 00
<b>Physical Training (women)—</b>		
Brooks, Verna .....	\$225 00	
<b>Total</b> .....		225 00
<b>Physics—</b>		
Watson, F. R. ....	\$300 00	
Williams, E. H. ....	250 00	
Smith, O. H. ....	200 00	
Warner, E. H. ....	200 00	
Nathanson, A. M. ....	150 00	
<b>Total</b> .....		1,100 00
<b>Physiography—</b>		
Cushing, S. W. ....	\$350 00	
Heitkamp, G. W. ....	150 00	
<b>Total</b> .....		500 00
<b>Political Science—</b>		
Story, R. M. ....	\$300 00	
Moran, T. F. (See History) .....	200 00	
<b>Total</b> .....		500 00
<b>Sociology—</b>		
Weatherly, U. G. ....	\$500 00	
<b>Total</b> .....		500 00

Department and Name.	Salary.
Zoölogy—	
Barker, F. D. ....	\$400 00
Packard, W. H. ....	200 00
Total .....	\$600 00
Grand total .....	\$22,500 00

## LEASES OF LAND FOR AGRICULTURAL EXPERIMENTATION.

The secretary presented also for record the following summaries of leases of land for agricultural experimentation, signed by the comptroller under authority of the board:

1. Location	Lessor	Date	Tenure	Annual Rental
Flora	Chris Egginton	Mar. 4, 1914	Dec. 31, 1914	\$180 and 50 bu. apples

### Description

An orchard of thirty acres, more or less, lying south of the B., O. & S. W. Railroad track, about  $4\frac{1}{2}$  miles west of the city of Flora in Clay County, Ill.; more specifically described as follows: Part of the north half ( $\frac{1}{2}$ ) of the south-east quarter ( $\frac{1}{4}$ ) of section thirty-two (32), township three (3) north, range six (6), east of the third principal meridian.

2. Location	Lessor	Date	Tenure	Annual Rental
Flora	Amos Ross	Mar. 4, 1914	Dec. 31, 1914	One-third of crop

### Description

An orchard of fourteen acres, more or less, located on the farm of Amos Ross, just south of the B., O. & S. W. Railway tracks, about four and one-half miles west of the city of Flora, Clay County, Ill.; more specifically described as follows: Fourteen acres, more or less, of orchard located south of the tracks of the B. & O. Ry., and on the west side of the east half (E.  $\frac{1}{2}$ ) of the northwest quarter (N. W.  $\frac{1}{4}$ ) of section 5, township 2 north, range 6, east of the third principal meridian.

3. Location	Lessor	Date	Tenure	Annual Rental
Olney	R. S. Prunty	June 4, 1914	Dec. 31, 1914	\$100.00

### Description

Forty acres of land located in the west  $\frac{1}{2}$  of the northwest  $\frac{1}{4}$  of section 1, township No. 3, range 10, in Richland County, State of Illinois.

4. Location	Lessor	Date	Tenure	Annual Rental
Urbana	John McCullough	May 1, 1914	Nov. 15, 1914	\$192.00

### Description

Approximately sixteen acres situated on the west side of N. W.  $\frac{1}{4}$  of N. E.  $\frac{1}{4}$  of section 29; township 19 north, range 9 east.

5. Location	Lessor	Date	Tenure	Annual Rental
Urbana	J. H. Percival	May 1, 1914	Nov. 15, 1914	\$150.00

### Description

Approximately twelve acres situated on the west side of the S. W.  $\frac{1}{4}$  of the S. W.  $\frac{1}{4}$  of section 19; township 19 north, range 9 east.

## AUDIT REPORT.

The secretary presented also for record the report of the audit of the books and accounts of the University for the quarter ending March 31, 1914:

April 29, 1914.

*Honorable 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 third quarter of the fiscal year, ended March 31, 1914.

As a result of our examination, we find the following overdrafts on appropriations of the budget approved by the Board of Trustees:

Campus lighting .....	\$ 241 47
Pavements and walks .....	636 54
*Commerce Building .....	3 67
Gymnasium improvement .....	22 42
Library Building addition .....	12,651 67
Heating and Lighting Plant.....	1,496 60
Pipe organ .....	235 65
Office supplies .....	2,891 53
Postage .....	851 05
*Petty cash .....	5,850 00
Printograph .....	6 00
Administration—	
*Vice-President .....	241 37
Business office .....	1,463 51
Registrar's office .....	569 38

\* No appropriation.

Administration—*Concluded.*

*Council of Administration .....	\$ 375 32
*Legal counsel .....	160 33
*Treasurer's office .....	450 00
*University Senate .....	9 60
General Departments and Expenses—	
*Lockers—Gymnasium .....	699 23
*Athletics .....	11 24
*Advisers—Foreign students .....	17 62
Military .....	859 52
Military and band scholarships .....	724 00
Directory of matriculants .....	166 95
*Receptions and social functions .....	241 45
*Rebates to students .....	7,107 70
Emergency Hospital .....	2,328 54
Physical Plant operation and maintenance .....	42,577 56
Liberal Arts and Sciences—	
*Scientific artist .....	58 74
*Romance languages .....	62 68
Agricultural College—	
Horticulture .....	2,080 68
Household science—Cafeteria .....	167 26
Agricultural Experiment Station—	
Floriculture .....	345 88
U. S. Agricultural Experiment Station—	
Dairy (Hatch fund) .....	1,371 02
Engineering Experiment Station—	
Railway engineering .....	326 31
Theoretical and applied mechanics .....	131 66
Miscellaneous—	
*Snyder interest .....	600 00

At a meeting of the Executive Committee of the Board of Trustees, held April 9, 1914, the following changes in the budget were authorized, affecting certain of the foregoing items:

Three thousand dollars was appropriated for Emergency Hospital.

Eight thousand dollars was appropriated for rebates to students.

One thousand seven hundred and fifty dollars was transferred from Hatch fund nitrogen fixation to Hatch fund dairy.

At a meeting of the Board of Trustees, held on April 22, 1914, an appropriation of \$150 was made to romance languages.

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 (except petty funds) at March 31, 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 March 31, 1914.

We have not verified the following petty cash funds:

Vice-Director, Agricultural Experiment Station .....	\$600 00
Secretary, College of Medicine .....	300 00
Actuary, School of Pharmacy .....	250 00

We were not called upon to verify the incumbrance against the appropriations, but, from our examination of these records, we believe that the accounts are accurate, with the exception of outstanding orders which have been canceled, but which cancellation was not reported to the business office.

Your attention is called to the fact that at present there is no reliable data incorporated in the books so as to show the cost of repairing any particular building. We understand that improved methods of handling repairs are now under advisement.

Subject to the foregoing, therefore, we certify that the various schedules as contained in the report of the comptroller correctly present the transactions of the quarter ended March 31, 1914, and that they are in accordance with the books.

Yours very truly,

UNITED STATES AUDIT CO.,

By WHITNEY B. FLERSHEM, *Manager*,

*Certified Public Accountant.*

April 11, 1914.

## COMPTROLLER'S REPORT.

The secretary presented also for record the report of the comptroller, Prof. George E. Frazer, for the quarter ending March 31, 1914:

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

DEAR SIR: I have the honor to hand you herewith the quarterly report of the business office for the three months ending March 31, 1914. Included in this report you will find schedules of cash receipts and disbursements from State appropriations, disbursements from University treasurer, and charges against all budget accounts and departments as at March 31, 1914. You will find complete reconciliations of accounts of the business office with those of the State Auditor and the University treasurer in schedules 5 and 6.

I am handing a copy of this report to W. B. Flershem, Certified Public Accountant, who will transmit it to the Honorable Allen F. Moore, Chairman of the

\* No appropriation.

Finance Committee of the Board of Trustees, together with the certificate of the United States Audit Company.

Under separate covers, as a part of this report, are also presented lists of warrants drawn against the University treasurer and of vouchers certified to the State Auditor.

Respectfully submitted,

GEORGE E. FRAZER, *Comptroller.*

### SCHEDULE 1.

#### CASH SUMMARY MARCH 31, 1914.

	For six months ending December 31.	For three months ending March 31.	For nine months ending March 31.	Balances March 31.
University Treasurer—				
General—				
Balance.....	\$277,851 19	\$205,380 75	\$277,851 19	
Receipts, schedule 2.....	210,851 77	124,860 07	335,711 84	
Total.....	\$488,702 96	\$330,240 82	\$613,563 03	
Disbursements, schedule 4.....	283,322 21	49,737 74	333,059 95	
Balance.....	\$205,380 75	\$280,503 08	.....	\$280,503 08
U. S. Agricultural Expt. Sta.—				
Balance.....	1,140 77	1,229 84	\$ 1,140 77	
Receipts, schedule 2.....	15,030 00	7,610 00	22,640 00	
Total.....	\$16,170 77	\$8,839 84	\$23,780 77	
Disbursements, schedule 4.....	14,940 93	7,602 65	22,543 58	
Balance.....	\$1,229 84	\$1,237 19	.....	1,237 19
Medicine—				
Balance.....	*1,034 04	24,873 20	*\$ 1,034 04	
Receipts, schedule 2.....	45,992 93	30,049 76	76,042 69	
Total.....	\$44,958 89	\$54,922 96	\$75,008 65	
Disbursements, schedule 4.....	20,085 69	23,347 32	43,433 01	
Balance.....	\$24,873 20	\$31,575 64	.....	31,575 64
Pharmacy—				
Balance.....	2,166 87	17,999 49	\$ 2,166 87	
Receipts, schedule 2.....	18,473 39	3,093 00	21,566 39	
Total.....	\$20,640 26	\$21,092 49	\$23,733 26	
Disbursements, schedule 4.....	2,640 77	3,085 84	5,726 61	
Balance.....	\$17,999 49	\$18,006 65	.....	18,006 65
Total University treasurer's bal- ance, March 31, 1914.....				\$331,322 56
Bursar.....				5,000 00
Secretary, College of Medicine.....				300 00
Actuary, School of Pharmacy.....				250 00
Vice Director, Agricultural Experiment Station.....				600 00
Total cash balance, March 31, 1914.....				\$337,472 56

\* Overdraft.

### SCHEDULE 2.

#### CASH RECEIPTS QUARTER ENDING MARCH 31, 1914.

	Receipts to December 31, 1913.	Receipts for month of—			Total quarter ending March 31, 1914.	Total nine months ending March 31, 1914.
		January.	February.	March.		
General—						
Accountancy.....	\$ 106 25	.....	.....	.....		\$ 106 25
Agricultural College—						
Administrative.....	17 20	.....	.....	\$ 17 57	\$ 17 57	34 77
Press service.....	217 86	\$ 35 45	\$ 73 00	.....	108 45	326 31
Agronomy.....	298 72	1 48	194 94	13 63	210 05	508 77
Agronomy experiment station, crops.....	2,124 20	456 70	57 04	44 51	558 25	2,682 45

## SCHEDULE 2—Continued.

	Receipts to December 31, 1913.	Receipts for month of—			Total, quarter ending March 31, 1914.	Total, nine months ending March 31, 1914.
		January.	February.	March.		
General—Continued.						
Agronomy experiment station, soil.....	\$ 5,094 51	\$ 435 10	\$ 341 94	\$ 188 55	\$ 965 59	\$ 6,060 10
Alumni Record.....	534 29	39 30	.....	39 20	78 50	612 79
Animal husbandry.....	2,958 96	506 03	2,856 58	366 19	3,728 80	6,687 76
Animal husbandry experiment station.....	7,553 69	162 92	631 21	563 49	1,357 62	8,911 31
Armory.....	234 94	2 00	.....	.....	2 00	236 94
Blue printing.....	515 05	.....	48 19	107 60	155 79	670 84
Buildings.....	130 43	23 22	7 50	62 82	93 54	223 97
Business office.....	1 77	.....	292 43	4 06	296 49	298 26
Cafeteria.....	4,759 74	1,242 98	1,143 48	1,283 14	3,669 60	8,429 34
Campus lighting.....	.....	.....	13 53	.....	13 53	13 53
Ceramics.....	9 00	.....	2 80	.....	2 80	11 80
Chemistry.....	16 75	.....	.....	53 00	53 00	69 75
Civil engineering.....	85 90	3 75	.....	6 00	9 75	95 65
Creamery.....	21,370 82	3,433 04	2,280 69	3,341 58	9,055 31	30,426 13
Dairy husbandry.....	4,262 67	1,009 18	1,809 27	1,352 11	4,170 56	8,433 23
Dairy husbandry experiment station.....	2,413 37	1,336 98	923 46	1,520 15	3,780 59	6,193 96
Dean of men.....	45 44	.....	.....	.....	45 44	45 44
Electrical engineering.....	50 00	.....	.....	12 50	12 50	62 50
Emergency hospital.....	.....	.....	.....	56 00	56 00	56 00
Engineering experiment station.....	153 40	48 00	65 45	122 32	235 77	389 17
Floriculture experiment station.....	67 31	.....	346 10	.....	346 10	413 41
Geology.....	.....	1 50	.....	.....	1 50	1 50
Heat and light.....	714 24	198 49	126 29	146 68	471 46	1,185 70
History.....	11 84	.....	.....	.....	.....	11 84
Horticulture.....	696 99	.....	.....	.....	.....	696 99
Horticulture experiment station.....	188 30	.....	.....	.....	.....	188 30
Horticulture green house.....	.....	.....	2 00	.....	2 00	2 00
Household science.....	42 10	.....	.....	90 15	90 15	132 25
Illinois Cannery Association fund.....	.....	.....	.....	166 66	166 66	166 66
Interest on land contracts.....	12 60	31 50	.....	.....	31 50	44 10
Interest on endowment fund.....	.....	.....	32,419 14	.....	32,419 14	32,419 14
Liberal arts and science, administration.....	3 08	.....	.....	.....	.....	3 08
Library.....	19 05	30 00	136 90	9 77	176 67	195 72
Mechanical engineering.....	244 90	.....	.....	7 87	7 87	252 77
Mining engineering.....	.....	.....	.....	25	25	25
Morrill fund.....	25,000 00	.....	.....	.....	.....	25,000 00
Music.....	.....	10 40	57 50	.....	67 90	67 90
Nelson fund.....	25,000 00	.....	.....	.....	.....	25,000 00
Office supply stores.....	.....	2 15	.....	166 95	169 10	169 10
Orchestra concerts.....	3,781 25	.....	65 25	.....	65 25	3,846 50
Philology, Journal of.....	297 45	284 00	140 52	.....	424 52	721 97
Physics.....	.....	.....	.....	2 07	2 07	2 07
Postage stores.....	.....	.....	.....	130 48	130 48	130 48
President's office.....	.....	75	.....	.....	75	75
Printograph.....	.....	.....	.....	5 83	5 83	5 83
Psychology.....	.....	.....	9 81	.....	9 81	9 81
Railway engineering.....	7 50	.....	.....	.....	.....	7 50
Railway engineering experiment station.....	9 80	.....	.....	.....	.....	9 80
Registrar's office.....	8 25	.....	.....	.....	.....	8 25
Rent—	.....	.....	.....	.....	.....	.....
Armory.....	60 00	50 00	.....	.....	50 00	110 00
Auditorium.....	.....	.....	15 00	.....	15 00	15 00
Houses.....	589 00	154 25	172 50	177 50	504 25	1,093 25
Salary refunds.....	.....	79 03	.....	.....	79 03	79 03
State treasurer.....	20,000 00	.....	.....	.....	.....	20,000 00
Student associations.....	6 50	.....	75	75	1 50	8 00
Supervising architect's office.....	140 24	5 28	.....	.....	5 28	145 52
Theoretical and applied Mechanics.....	455 70	60 00	.....	28 50	88 50	544 20
Tunnel extension.....	33 81	.....	.....	.....	.....	33 81
University Studies.....	25 73	.....	.....	.....	.....	25 73
Water survey.....	179 04	.....	58 16	.....	58 16	237 20
Weekly Calendar.....	.....	50	.....	.....	50	50



## SCHEDULE 2—Concluded.

	Receipts to December 31, 1913.	Receipts for month of—			Total quarter ending March 31, 1914.	Total nine months ending March 31, 1914.
		January.	February.	March.		
<b>General—Concluded.</b>						
Woman's building.....	\$ 17 89					\$ 17 89
Zoölogy.....	1 11					1 11
Fee collections—						
General and labora-						
tory.....	73,764 50	\$852 75	\$55,067 93	\$2,206 75	\$58,127 43	131,891 93
Lockers.....	2,224 00	29 50	1,376 00	81 50	1,487 00	3,711 00
Trust Funds—						
B'nai B'rith.....	115 00					115 00
Hospital association..	377 00					377 00
McDowel memorial						
fund.....	4 57					4 57
McKinley fund, interest.						
est.....	293 40	7 56	51 35	17 69	76 60	370 00
McKinley fund, principal.						
407 50	130 00	255 00	55 00	440 00	847 50	
Snyder fund, interest.	333 57	97 30	19 04	25 21	141 55	475 12
Snyder fund, principal	1,924 89	339 95	142 25		482 20	2,407 09
Towel fund.....	731 75					731 75
Wilson lectureship						
fund.....	100 00					100 00
Woman's league.....	6 95	50 00	32 00		82 00	88 95
Total.....	\$210,851 77	\$11,151 04	\$101,235 00	\$12,474 03	\$124,860 07	\$335,711 84
<b>United States Agricultural</b>						
<b>Experiment Station—</b>						
Adams fund.....	\$7,500 00	\$3,750 00				\$11,250 00
Adams fund receipts	30 00	35 00	\$22 00	\$53 00	\$75 00	140 00
Hatch fund.....	7,500 00	3,750 00				11,250 00
Total.....	\$15,030 00	\$7,535 00	\$22 00	\$53 00	\$75 00	\$22,640 00
<b>College of Medicine—</b>						
<b>Dentistry—</b>						
Fees.....	\$6,502 00	\$643 00	\$2,500 00	\$804 62	\$3,947 62	\$10,449 62
Infirmary.....	127 00		87 15		87 15	214 15
Infirmary clinic.....	472 45	539 75	275 40	686 70	1,501 85	1,974 30
Interest.....	38 50					38 50
Rebates.....	7 00					7 00
Total.....	\$7,146 95	\$1,182 75	\$2,862 55	\$1,491 32	\$5,536 62	\$12,683 57
<b>Medicine—</b>						
Advertising.....	\$ 235 17					\$ 235 17
Dispensary.....	310 60	\$ 74 30	\$ 49 65	\$ 61 55	\$ 185 50	496 10
Embalming.....	10 00					10 00
Fees—						
General and labora-						
tory.....	37,707 95	7,858 00	13,180 65	2,583 50	23,622 15	61,330 10
Lockers.....	278 50					278 50
Interest on bonds.....	264 00			60 00	60 00	324 00
Rebates.....	30 00	42 83	346 50	52 16	441 49	471 49
Scholarship fund.....		204 00			204 00	204 00
West side hospital.....	9 76					9 76
Total.....	\$38,845 98	\$8,179 13	\$13,576 80	\$2,757 21	\$24,513 14	\$63,359 12
<b>College of medicine total.....</b>						
	\$45,992 93	\$9,361 88	\$16,439 35	\$4,248 53	\$30,049 76	\$76,042 69
<b>School of Pharmacy—</b>						
Fees.....	\$18,373 39	\$1,393 00	\$1,123 00	\$577 00	\$3,093 00	\$21,466 39
General.....	100 00					100 00
Total.....	\$18,473 39	\$1,393 00	\$1,123 00	\$577 00	\$3,093 00	\$21,566 39
<b>SUMMARY.</b>						
General.....	\$210,851 77	\$11,151 04	\$101,235 00	\$12,474 03	\$124,860 07	\$335,711 84
United States Agricultural						
Experiment Station.....	15,030 00	7,535 00	22 00	53 00	7,610 00	22,640 00
College of Medicine.....	45,992 93	9,361 88	16,439 35	4,248 53	30,049 76	76,042 69
School of Pharmacy.....	18,473 39	1,393 00	1,123 00	577 00	3,093 00	21,566 39
Grand total.....	\$290,348 09	\$29,440 92	\$118,819 35	\$17,352 56	\$165,612 83	\$455,960 92

## SCHEDULE 3.

STATEMENT OF BALANCES IN STATE APPROPRIATIONS FOR 1913-1914 AS AT MARCH 31, 1914.

	Amount of appropriation.	Disbursements to December 31.	Disbursements for quarter ending March 31, 1914.	Total disbursements.	Balance March 31.
Operating main and extension..	\$1,600,000 00	\$869,039 30	\$454,100 94	\$1,323,140 24	\$276,859 76
Buildings, land and equipment.	650,000 00	508,493 87	94,444 99	602,938 86	47,061 14
Water survey and investigation	21,500 00	10,314 66	3,964 16	14,278 82	7,221 18
Machinery and mechanical instruction.....	15,000 00	947 02	1,678 82	2,625 84	12,374 16
	\$2,286,500 00	\$1,388,794 85	\$554,188 91	\$1,942,983 76	\$343,516 24

## SCHEDULE 4.

RECONCILIATION OF WARRANT REGISTERS WITH DISBURSEMENT LEDGERS AS AT MARCH 31, 1914.

	Disbursements to December 31.	Disbursements for quarter ending March 31, 1914.	Total disbursements.	
<b>WARRANT REGISTERS.</b>				
University Treasurer—				
General .....	\$283,322 21	\$ 49,737 74	\$333,059 95	
U. S. agricultural experiment station...	14,940 93	7,602 65	22,543 58	
Medicine.....	20,085 69	23,347 32	43,433 01	
Pharmacy.....	2,640 77	3,085 84	5,726 61	
State Auditor—				\$ 404,763 15
Operating, maintenance and equipment.				
Buildings, land and equipment.....	\$869,039 30	\$454,100 94	\$1,323,140 24	
Water survey and investigation.....	508,493 87	94,444 99	602,938 86	
Miners' and mechanics' institute.....	10,314 66	3,964 16	14,278 82	
	947 02	1,678 82	2,625 84	
				1,942,983 76
				\$2,347,746 91
<b>DISBURSEMENT LEDGERS.</b>				
Disbursements from appropriations brought forward from 1912-1913 as per Schedule 41.	\$ 180,875 16	\$ 7,069 58	\$ 187,944 74	
Disbursements on account of 1913-1914 as per Schedule 42.....	1,528,909 29	630,892 88	2,159,802 17	
				\$2,347,746 91

## SCHEDULE 41.

STATEMENT OF APPROPRIATIONS BROUGHT FORWARD FROM 1912-1913 AS AT MARCH 31, 1914.

	Balance July 1, 1913.	Disbursements July 1 to March 28, 1914.	Cash balance.	Open market orders outstanding.	Free balance.
Closed out as per report of January 31.....	\$168,566 56	\$168,566 56			
Clinic building.....	5,000 00		\$ 5,000 00		\$ 5,000 00
Cold storage.....	9,000 00		9,000 00		9,000 00
Commerce building.....	10,024 75	7,546 44	2,478 31	*\$ 794 48	1,683 83
Law building.....	3,588 24	3,504 33	83 91	67 00	16 91
Social and political science .....	4,055 89	2,351 34	1,704 55	†1,704 55	
Soil maps.....	29,743 42	5,976 07	23,767 35	11,678 42	12,088 93
Totals.....	\$229,978 86	\$187,944 74	\$42,034 12	\$14,244 45	\$27,789 67

\* Including Library orders, \$48.50.

† Salaries assigned.

## SCHEDULE 42.

DISBURSEMENTS ON ACCOUNTS FOR 1913-1914 AS AT MARCH 31, 1914.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Encumbrances—					Total charges.	Balances.
				Open market orders.	Library orders.	Repair orders.	Contracts and salaries.	Total.		
Land and Improvements—										
Land .....	\$374,373 76	\$347,291 30							\$347,291 30	\$27,082 46
Cash transfer <sup>1</sup> .....	20,000 00	20,000 00							20,000 00	
Campus lighting .....	6,013 53	4,630 90	\$ 4 10				1,620 00	1,620 00	6,255 00	*241 47
Pavements and walks .....	3,000 00	3,487 00	9 54	140 00				140 00	3,636 54	*636 54
Buildings—										
Agricultural Buildings—										
Dairy farm house .....		39 90							39 90	
Feeding plant .....		1,086 39	246 50						1,332 89	
Horticultural glass house and service buildings .....	95,752 00	27,897 37	5 10	155 45			771 73	927 18	28,829 65	25,453 10
Building changes .....		1,054 59							1,054 59	
Nutrition laboratory .....		5,700 97		155 91		42 00		197 91	5,898 88	
Stock pavilion .....		31,263 45	315 30	488 70		108 00	967 54	1,564 24	33,142 99	
Armory .....	85,744 94	45,041 13	15 76	45 00			35,860 71	35,905 71	80,962 60	4,782 34
Chemical laboratory addition .....	40,000 00	558 09	7 90						565 99	39,434 01
Commerce building .....		3 32	35						3 67	*3 67
Gymnasium improvement .....	11,800 00	11,004 07	9 90	208 45			600 00	808 45	11,822 42	*22 42
Insectary .....	5,000 00									5,000 00
Library building addition .....	10,000 00	199 27		184 40			†22,268 00	22,452 40	22,651 67	*12,651 67
Observatory .....	2,000 00									2,000 00
University store house .....	2,000 00									2,000 00
Physical Plant Equipment—										
Electrical conduit extension .....	2,500 00	2,500 00							2,500 00	
Fire protection .....	2,100 00	289 03							289 03	1,810 97
Heating and lighting plant .....	15,000 00	5,571 61	7 50	262 49			†10,655 00	10,917 49	16,496 60	*1,496 60
Telephone extension .....	2,700 00	1,758 56							1,758 56	941 44
Tunnel extension .....	52,033 81	51,920 12	5 04	37 75				37 75	51,962 91	70 90
Water station .....	2,400 00	2,298 25							2,298 25	101 75
General Equipment—										
Boat repairs .....	1,000 00	200 00							200 00	800 00
Furniture and fixtures .....	4,000 00	2,935 21	6 79	60 50		71 75		132 25	3,074 25	925 75
Library additions .....	75,003 00	32,549 93	65 00		41,576 98			41,576 98	74,191 91	811 09
Lincoln hall bookcases .....	5,050 00	5,015 80							5,015 80	34 20
Locomotive Laboratory Reservoir .....	4,500 00	3,058 79	1 00	214 27				214 27	3,274 06	1,225 94
Pipe organ .....	15,500 00	235 65					†15,500 00	15,500 00	15,735 65	*235 65
Temperature control .....	1,300 00	1,294 85							1,294 85	5 15
Womens building equipment .....	9,017 89	9,016 39	1 50						9,017 89	



SCHEDULE 42—Continued.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Encumbrances.					Total charges.	Balance.
				Open market orders.	Library orders.	Repair orders.	Contracts and salaries.	Total.		
General Departments and Expenses — <i>Concluded.</i>										
Saltpetre investigation .....	\$ 4,000 00									\$ 4,000 00
Y. M. C. A. ....	250 00									250 00
Rebates to students .....		\$ 7,107 70							\$ 7,107 70	*7,107 70
Emergency hospital .....		1,067 05		\$1,261 49				\$ 1,261 49	2,328 54	*2,328 54
Physical Plant Operation and Maintenance—										
Salaries .....		17,265 64					\$ 6,864 93	6,864 93	24,130 57	
Supervising architect's office .....		1,094 96	\$ 286 15	9 00		\$ 50		9 50	1,390 61	
Superintendent of buildings office .....		2,595 42	43 30	10 00				10 00	2,648 72	
Superintendent of grounds office .....		1 00	6 11						7 11	
Heating and lighting .....		62,057 12	32 43	2,008 94			9,229 94	11,253 88	73,343 43	
Buildings operation .....		34,015 74	53 81	1,571 41		18 50		1,589 91	35,659 46	
Buildings maintenance .....		23,718 43	294 97	402 33		277 00	379 75	1,059 08	25,072 48	*42,577 56
Grounds .....	137,855 58	6,961 79	6 50	651 74				651 74	7,620 03	
Campus extension .....		962 36							962 36	
Fire protection .....		2,426 25		16 50				16 50	2,442 78	
Telephone exchange .....		2,093 96		626 94				626 94	2,720 90	
Water station .....		430 90							430 90	
Switch track .....		772 93							772 93	
Building changes .....		3,230 86							3,230 86	
Liberal Arts and Sciences—										
Administration .....	1,503 08	1,051 57	86 98	111 50				111 50	1,250 05	253 03
Scientific artist .....		57 38	1 36						58 74	*58 74
Freshman advisers .....	1,800 00	779 60							779 60	1,020 40
Art and design .....	880 00	677 77	128 25	13 35				13 35	819 37	60 63
Astronomy .....	1,500 00	94 13	20 24	64 00	\$ 3 00	20 50		87 50	201 87	1,298 13
Bacteriology .....	2,100 00	1,104 43	21 22	379 81		36 00		415 81	1,541 46	558 54
Illinois Cannery Association .....	1,960 40	923 78							923 78	1,036 62
Botany .....	5,700 00	2,138 01	295 22	559 85		168 00		727 85	3,161 08	2,538 92
Ceramics .....	8,102 77	6,909 29	405 11	30 36		49 50		79 86	7,394 26	708 51
Chemistry .....	28,677 97	20,831 30	797 23	1,905 98		1,456 50		3,362 48	24,991 01	3,686 96
Classics .....	300 00	63 51	57 17	75 70		20 00		95 70	216 38	83 62
Education .....	2,650 00	1,388 12	575 36	257 27				257 27	2,220 75	429 25
English .....	2,019 70	700 35	135 01	32 00		39 75		71 75	907 11	1,112 59
Entomology .....	1,500 00	267 49	17 78	584 85				584 85	870 12	629 88
Geology .....	1,913 89	829 35	39 17	521 53				521 53	1,390 05	523 84
Germanics .....	400 00	51 45	25 50	16 00		15 00		31 00	107 95	292 05
History .....	300 00	172 09	73 20						245 29	54 71

Mathematics.....	700 00	291 03	57 73	78 55	45 00	.....	.....	123 55	472 31	227 69
Philosophy.....	200 00	7 00	5 86	.....	.....	.....	.....	.....	12 86	187 14
Physiology.....	1,550 00	1,365 99	50 84	55 80	.....	4 50	.....	60 30	1,477 13	72 87
Political science.....	200 00	33 75	16 91	.....	.....	.....	.....	.....	50 66	149 34
Psychology.....	1,510 00	707 94	123 43	342 88	.....	52 00	.....	394 98	1,226 25	283 75
Romance language.....	.....	34 20	28 48	.....	.....	.....	.....	.....	62 68	*69 68
Sociology.....	300 00	101 86	12 35	.....	.....	.....	.....	.....	114 81	185 19
Zoölogy.....	6,875 00	4,819 04	301 69	856 27	.....	46 40	.....	902 67	6,023 40	851 60
Classical museum.....	15,000 00	2,829 73	1 20	1,703 49	.....	15 25	.....	1,718 74	4,549 67	5,347 63
European culture museum.....		677 44	1 10	2,935 00	.....	13 50	.....	2,948 50	3,627 04	
Natural history museum.....		355 07	43 34	837 25	.....	15 00	225 00	1,077 25	1,475 66	
Agricultural College.....		.....	.....	.....	.....	.....	.....	.....	.....	
Administration (including press service)...	15,419 98	9,033 44	811 58	32 78	.....	623 00	2,554 98	3,210 76	13,055 78	2,364 20
Agricultural extension.....	19,067 70	14,639 23	594 36	435 00	.....	.....	3,004 92	3,439 92	18,673 51	394 19
Agronomy.....	51,386 49	38,016 06	958 17	813 57	10 14	593 51	8,814 90	10,232 12	49,206 35	2,180 14
Animal husbandry.....	68,325 41	45,378 01	673 75	2,442 99	3 70	49 05	9,672 36	12,168 10	58,219 86	10,105 55
Animal husbandry specimens.....	6,500 00	3,695 51	.....	150 00	.....	.....	.....	150 00	2,845 51	2,654 49
Dairy.....	39,562 85	27,756 65	919 89	3,894 41	.....	388 00	4,904 91	9,187 32	37,863 86	1,698 99
Dairy cattle.....	2,250 00	500 00	.....	500 00	.....	.....	.....	500 00	1,000 00	1,250 00
Dairy creamery.....	30,706 99	21,473 40	1,244 75	144 20	.....	99 60	.....	243 80	22,961 95	7,745 04
Horticulture.....	58,471 52	47,304 83	966 91	1,560 66	8 15	396 75	10,514 90	12,280 46	60,552 20	*2,080 68
Household science.....	27,170 35	15,076 50	480 83	645 70	1 90	455 75	4,792 41	5,895 76	21,453 09	5,717 26
Household science—cafeteria.....	8,445 84	6,823 98	644 41	1,144 71	.....	.....	.....	1,144 71	8,613 10	*187 26
Veterinary science.....	2,800 00	1,908 51	10 65	.....	.....	.....	624 99	624 99	2,544 15	255 85
Agricultural Experiment Station—	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Animal husbandry.....	39,911 31	29,405 31	1,012 72	2,447 67	.....	34 00	420 00	2,901 67	33,319 70	6,591 61
Agronomy—crops.....	21,527 31	13,525 71	7 44	363 85	.....	.....	1,269 99	1,633 84	15,166 99	6,360 32
Agronomy—soils.....	102,060 10	58,733 32	21 86	1,046 31	.....	154 00	7,534 95	8,735 26	67,490 44	34,569 66
Dairy.....	28,533 60	25,592 03	198 27	678 47	.....	50 00	649 98	1,378 45	27,168 75	1,364 85
Floriculture.....	8,413 41	7,554 94	22 72	236 67	.....	20 00	924 96	1,181 63	8,759 29	* 345 88
Horticulture.....	21,188 30	16,341 86	1 42	662 91	.....	35 00	1,305 00	2,002 91	18,346 19	2,842 11
U. S. Agricultural Experiment Station—	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hatch.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Administration.....	4,500 00	3,769 96	.....	93 75	11 00	.....	510 00	614 75	4,384 71	115 29
Agronomy.....	2,500 00	2,138 39	.....	.....	.....	.....	300 00	300 00	2,438 39	61 61
Dairy.....	4,500 00	3,345 77	.....	.....	.....	.....	2,525 25	2,525 25	5,871 02	*1,371 02
Nitrogen, fixtures and research.....	3,500 00	775 82	.....	41 30	.....	3 50	.....	44 80	820 62	2,679 38
Adams.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Administration.....	2,000 00	1,433 40	.....	.....	.....	.....	450 00	450 00	1,883 40	116 50
Animal husbandry.....	8,500 00	6,119 06	.....	450 60	16 00	25 00	899 97	1,391 57	7,510 63	989 37
Horticulture.....	4,500 00	4,121 94	.....	.....	.....	.....	349 98	349 98	4,471 92	28 08
Adams fund receipts (animal husbandry)...	1,280 77	855 94	.....	.....	.....	.....	.....	.....	855 94	424 83
Engineering College—	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Administration.....	4,470 87	2,290 76	319 01	637 80	.....	13 75	.....	651 55	3,261 32	1,209 55
Architecture.....	3,350 18	872 54	271 92	365 59	77 84	96 00	.....	539 43	1,683 89	1,666 29
Civil engineering.....	1,120 05	688 24	212 92	114 76	.....	23 00	.....	137 76	1,038 92	81 13
Electrical engineering.....	5,305 90	1,697 13	193 78	1,578 75	.....	.....	.....	1,578 75	3,469 66	1,836 24
General engineering drawing.....	1,000 00	859 49	59 72	17 00	.....	5 00	.....	22 00	941 21	58 79
Mechanical engineering.....	13,230 35	9,387 37	771 87	400 35	.....	348 00	.....	748 35	10,907 59	2,522 76

SCHEDULE 42—Concluded.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Encumbrances.					Total charges.	Balance.
				Open market orders.	Library orders.	Repair orders.	Contracts and salaries.	Total.		
Engineering College— <i>Concluded.</i>										
Mining engineering.....	\$ 6,000 25	\$ 1,851 09	\$ 200 38	\$1,081 92	\$ 5 28	\$ 26 50	.....	\$ 1,113 70	\$ 3,165 17	\$ 2,835 08
Coöperative mines investigation.....	5,000 00	2,244 16	19 61	101 20	.....	2 00	\$ 450 00	553 20	2,816 97	2,183 03
Physics.....	6,253 04	2,752 52	98 56	788 69	.....	.....	.....	788 69	3,639 77	2,613 27
Railway engineering.....	3,993 50	2,965 45	197 65	188 90	.....	.....	.....	188 90	3,352 00	641 50
Theoretic and applied mechanics.....	7,419 53	4,236 17	355 31	120 77	29 65	2 00	.....	152 42	4,743 90	2,675 63
Shop improvements.....	3,500 00	1,277 03	135 01	590 00	.....	725 00	.....	1,315 00	2,727 04	772 96
Miners and mechanics instruction.....	15,000 00	1,956 47	17 94	1,243 75	.....	30 00	2,349 99	3,623 74	5,598 15	9,401 85
Engineering Experiment Station—										
Administration.....	11,549 94	5,834 42	21 80	971 75	.....	1 50	1,350 00	2,323 25	8,179 47	3,370 47
Chemical engineering.....	800 00	78 50	.....	176 00	.....	.....	.....	176 00	254 50	545 50
Civil engineering.....	500 00	221 60	64 64	55	.....	.....	.....	55	286 79	213 21
Electrical engineering.....	1,069 09	463 60	8 97	252 10	.....	.....	.....	252 10	724 67	344 42
Mechanical engineering.....	497 99	466 40	31 59	.....	.....	.....	.....	.....	497 99	.....
Physics.....	602 12	577 12	4 15	2 00	.....	.....	.....	2 00	583 27	18 85
Railway engineering.....	3,538 12	3,425 71	112 41	326 31	.....	.....	.....	326 31	3,864 43	*326 31
Theoretic applied mechanics.....	1,524 17	1,569 91	77 42	8 50	.....	.....	.....	8 50	1,655 83	*131 66
Miscellaneous—										
Graduate school.....	22,150 00	6,615 44	191 60	2,117 90	1,549 77	.....	.....	3,667 67	10,474 71	11,675 29
Medicine and Dentistry (for details see Schedule 43, a. b. c.).....	200,179 56	151,936 40	1,473 95	7,114 92	.....	.....	20,580 53	27,695 45	181,105 80	19,073 76
Commerce.....	11,325 00	482 90	241 94	1,887 90	2,884 53	21 50	.....	4,773 93	5,498 77	5,826 23
Law library.....	5,000 00	1,987 04	.....	.....	1,176 19	.....	.....	1,176 19	3,163 23	1,836 77
Law school.....	3,300 00	294 71	73 32	20 00	.....	40 00	.....	60 00	428 03	2,871 97
Library school.....	1,080 00	309 84	91 95	60 05	.....	.....	.....	60 05	461 84	618 16
Music.....	1,870 40	1,216 69	66 81	95 75	.....	.....	.....	93 75	1,377 25	493 15
Pharmacy.....	13,570 00	10,852 44	.....	143 56	.....	.....	1,500 00	1,643 56	12,496 00	1,074 00
Summer session, 1913.....	14,270 45	14,092 43	2 70	.....	.....	.....	.....	.....	14,095 13	175 32
Summer session, 1914.....	25,000 00	656 61	29 93	250 00	.....	.....	\$22,725 00	22,975 00	23,661 54	1,338 46
Summer library school, 1913.....	515 00	465 04	.....	.....	.....	.....	.....	.....	465 04	49 96
Accountancy comptroller.....	2,704 65	448 91	16 62	9 00	.....	.....	.....	9 00	474 53	2,230 12
Water survey.....	29,246 20	18,370 37	.....	95 55	.....	87 50	5,798 05	5,981 10	24,351 47	4,894 73
Trust funds—										
B'nai B'rith.....	199 61	49 34	.....	.....	149 16	.....	.....	149 16	198 50	1 11
Bryan prize.....	250 00	.....	.....	.....	.....	.....	.....	.....	.....	250 00
Class of 1895.....	78	.....	.....	.....	.....	.....	.....	.....	.....	78
Graduate school theses.....	350 00	.....	.....	.....	.....	.....	.....	.....	.....	350 00
Hospital association.....	574 56	574 56	.....	.....	.....	.....	.....	.....	574 56	.....
Llewellyn prize.....	50 00	.....	.....	.....	.....	.....	.....	.....	.....	50 00

McKinley fund.....	1,418 25	1,325 00							1,325 00	93 25
Plym fellowship.....	1,000 00	800 00							800 00	200 00
Snyder fund.....	3,438 92	3,375 00							3,375 00	63 92
Snyder interest .....		600 00							600 00	*600 00
Towel fund.....	731 75									731 75
Wilson lectureship .....	100 00									100 00
Woman's league.....	291 40	200 00							200 00	91 40
Total.....	\$3,000,710 01	\$2,159,802 17	\$24,357 27	\$61,587 49	\$47,548 29	\$7,193 06	\$445,445 05	\$561,773 89	\$2,745,933 33	\$254,776 68

<sup>1</sup> Between University Treasurer and State Treasurer.

\* Overdraft.

† Payments not to be made until after July 1, 1914.

‡ Value of stock on hand.

§ Payments to be made after July 1, 1914.



## SCHEDULE 43A.

## STATEMENT OF THE ACCOUNTS OF THE COLLEGES OF MEDICINE AND DENTISTRY AS AT MARCH 31, 1914.

	Cash disbursements.	Transfer charges.	Encumbrances.				Total charges.
			Open market orders.	Contracts.	Salaries.	Totals.	
General—							
Salaries .....	\$ 8,406 37				\$ 2,895 00	\$ 2,895 00	\$11,301 37
Administration .....	5,773 98		\$ 397 38			397 38	6,171 36
Heating and lighting .....	5,819 28		8 75	\$2,231 70		2,240 45	8,059 73
Building operation .....	538 05		9 00			9 00	547 05
Repairs .....	4,059 03	\$ 86	195 50			195 50	4,255 39
Anatomy .....	935 87		361 00			361 00	1,296 87
Chemistry .....	2,285 38		980 25			980 25	3,265 63
Physiology .....	219 55		274 00			274 00	493 55
Laboratory stores .....	8,286 75		527 14			527 14	8,813 89
Medical—							
Salaries .....	24,504 16				11,420 68	11,420 68	35,924 84
Administration .....	7,674 27	334 75	123 50	681 28		804 78	8,813 80
Repairs .....	11,178 68	30	176 00			176 00	11,354 98
Equipment .....	3,854 12		643 45			643 45	4,497 57
Library .....	3,110 45		343 27			343 27	3,453 72
Mortgage .....	16,937 37						16,937 37
Bacteriology .....	340 43		450 00			450 00	790 43
Dispensary .....	2,312 65		335 60			335 60	2,648 25
Medicine .....	301 25		8 83			8 83	310 08
Obstetrics .....	293 25						293 25
Pathology .....	410 22		75 00			75 00	485 22
Pharmacology .....	833 81		72 00			72 00	905 81
Research .....	2,439 95		345 70			345 70	2,785 65
Roentgenology .....	3,409 13		128 57			128 57	3,537 70
Surgery .....	587 52						587 52
Dental—							
Salaries .....	7,699 69				3,351 87	3,351 87	11,051 56
Administration .....	3,595 90	1,138 04	30 86			30 86	4,764 80
Repairs .....	7,101 78		60 50			60 50	7,162 28
Equipment .....	7,070 45		909 10			909 10	7,979 55
Bacteriology .....	224 83		7 50			7 50	232 33
Histology .....	864 94						864 94
Infirmary .....	9,752 55		214 29			214 29	9,966 84
Oral surgery .....	389 16		8 95			8 95	398 11
Prosthetics .....	419 87		303 78			303 78	723 65
Radiography .....	305 71						305 71
Operative .....			125 00			125 00	125 00
Totals .....	\$151,936 40	\$1,473 95	\$7,114 92	\$2,912 98	\$17,667 55	\$27,695 45	\$181,105 80

## SCHEDULE 43B.

## BUDGET ACCOUNTS OF THE COLLEGES OF MEDICINE AND DENTISTRY AS AT MARCH 31, 1914.

	Allotments.	Charges.	Balances.
General salaries .....	\$11,000 00	\$11,301 37	\$ *301 37
Medical salaries .....	37,030 00	35,924 84	1,105 16
Dental salaries .....	11,000 00	11,051 56	*51 56
Repairs (see Schedule 43c) .....	30,000 00	22,772 65	7,227 35
Medical equipment .....	5,000 00	4,497 57	*502 43
Dental equipment .....	7,000 00	7,979 55	*979 55
Heating and lighting .....	9,000 00	8,059 73	940 27
Laboratory stores .....	8,042 83	8,813 89	*771 06
Mortgage .....	23,708 07	16,937 37	6,770 70
Administration (see Schedule 43c) .....	8,000 00	20,297 01	*12,297 01
Departmental allotments (see Schedule 43c) .....	50,398 66	33,470 26	16,928 40
	\$200,179 56	\$181,105 80	\$19,073 76

\* Overdraft.

## SCHEDULE 43C.

ANALYSIS OF CHARGES TO BUDGET ACCOUNTS, COLLEGES OF MEDICINE AND DENTISTRY  
AS AT MARCH 31, 1914.

REPAIRS—	Items.	Totals.
General .....	\$ 4,255 39	
Medical .....	11,354 98	
Dental .....	7,162 28	
		<u>\$22,772 65</u>
ADMINISTRATION—		
General .....	\$6,171 36	
Medical .....	8,813 80	
Dental .....	4,764 80	
Building operation .....	547 05	
		<u>20,297 01</u>
DEPARTMENTAL ALLOTMENTS—		
General—		
Anatomy .....	\$1,296 87	
Chemistry .....	3,265 63	
Physiology .....	493 55	
Medical—		
Bacteriology .....	790 43	
Dispensary .....	2,648 25	
Library .....	3,453 72	
Medicine .....	310 08	
Pathology .....	485 22	
Pharmacology .....	905 81	
Obstetrics .....	293 25	
Research .....	2,785 65	
Roentgenology .....	3,537 70	
Surgery .....	587 52	
Dental—		
Bacteriology .....	232 33	
Histology .....	864 94	
Infirmery .....	9,966 84	
Oral Surgery .....	398 11	
Prosthetics .....	723 65	
Radiography .....	305 71	
Operative .....	125 00	
		<u>33,470 26</u>
		<u>\$76,539 92</u>

## SCHEDULE 5.

## RECONCILIATION WITH UNIVERSITY TREASURER AS AT MARCH 31, 1914.

GENERAL UNIVERSITY FUND—		
Treasurer's balance .....		\$289,472 69
Deduct: Receipts of Experiment Station fund....	\$ 32 00	
Incorrect credit .....	321 58	
		<u>343 58</u>
Treasurer's corrected balance .....		\$289,129 11
Add: Receipts not entered .....		143 04
		<u>\$289,272 15</u>
Deduct: Warrants outstanding—		
Issued before July 1, 1912 .....	\$ 319 64	
Issued 1912-13 .....	31 90	
Issued 1913-14 .....	8,416 51	
Difference .....	1 00	
		<u>8,769 05</u>
Business office corrected balance .....		\$280,503 10
Deduct: Errors—		
Warrant No. 5894 .....	\$0 01	
Warrant No. 5898 .....	0 01	
		<u>0 02</u>
Business office original balance .....		<u>\$280,503 08</u>
AGRICULTURAL EXPERIMENT STATION FUND—		
Treasurer's balance .....		\$2,234 55
Add: Receipts incorrectly credited to general fund.....		22 00
		<u>\$2,256 55</u>
Treasurer corrected balance .....		35 00
Add: Receipts not entered .....		
		<u>\$2,291 55</u>
Deduct: Warrants outstanding .....		1,054 36
Business office balance .....		<u>\$1,237 19</u>

SCHEDULE 5—*Concluded.*

COLLEGE OF MEDICINE FUND—		
Treasurer's balance .....		\$37,481 78
Deduct: Warrants outstanding—		
Issued before July 1, 1912 .....	\$ 113 75	
Issued 1912-13 .....	20 00	
Issued 1913-14 .....	5,772 39	
		<u>5,906 14</u>
Business office balance .....		<u>\$31,575 64</u>
SCHOOL OF PHARMACY FUND—		
Treasurer's balance .....		\$18,737 78
Deduct: Warrants outstanding .....		731 13
Business office balance .....		<u>\$18,006 65</u>

## SCHEDULE 6.

RECONCILIATION WITH STATE AUDITOR AS AT MARCH 31, 1914.

<i>Operation, Maintenance and Equipment—</i>		
State Auditor's balance .....		\$279,681 64
Deduct: Unpaid vouchers .....		2,821 88
Business office balance .....		<u>\$276,859 76</u>
<i>Buildings, Land and Equipment—</i>		
State Auditor's balance .....		\$49,848 98
Deduct: Unpaid vouchers .....		2,787 84
Business office balance .....		<u>\$47,061 14</u>
<i>Water Survey and Investigation—</i>		
State Auditor's balance   .....		\$7,221 18
Business office balance   .....		
<i>Miners' and Mechanics' Institutes—</i>		
State Auditor's balance   .....		\$12,374 16
Business office balance   .....		
On motion of Mr. Hoit, the board adjourned to meet at the University in Urbana, on Monday, June 15, at 10 A.M.		

W. L. ABBOTT, *President.*H. E. CUNNINGHAM, *Secretary.*

## ADJOURNED SESSION, JUNE 15, 1914.

When the board convened at 10 A.M., on Monday, June 15, 1914, pursuant to the adjournment of June 9, 1914, there was no quorum present, and the board adjourned to meet at 10 A.M. on Tuesday, June 16, 1914.

W. L. ABBOTT, *President.*H. E. CUNNINGHAM, *Secretary.*

## ADJOURNED SESSION, JUNE 16, 1914.

When the board convened at 10 A.M., on Tuesday, June 16, 1914, pursuant to the adjournment of June 15, 1914, there was no quorum, and the board adjourned to meet at 3:30 P.M. on the same day.

## AFTERNOON SESSION, JUNE 16, 1914.

When the board convened at 3:30 P.M., on Tuesday, June 16, 1914, pursuant to the adjournment of the forenoon of the same day, there was no quorum and the board adjourned.

W. L. ABBOTT, *President.*H. E. CUNNINGHAM, *Secretary.*

# **CASH STATEMENT OF THE UNIVERSITY OF ILLINOIS FOR THE TWELVE MONTHS ENDING JUNE 30, 1914.**

## RECEIPTS.\*

Balance July 1, 1913.....	\$	280,424	79
Interest on endowment fund and on land contracts.....	\$	32,463	24
Other United States grants.....		80,000	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
Student Fees—			
Urbana .....		148,896	83
Chicago .....		105,850	35
Departmental sales .....		136,514	96
Trust funds .....		7,978	07
Miscellaneous .....		20,000	00
		<u>2,818,203</u>	<u>45</u>
			<b>\$3,098,628 24</b>

## DISBURSEMENTS.

Land and buildings.....	\$665,557	07
Physical plant .....	284,670	07
Administration and general expense.....	280,467	70
College of Liberal Arts and Sciences.....	439,835	84
Agricultural College and Experiment Station.....	584,829	36
Engineering College and Experiment Station.....	314,923	48
Graduate School.....	57,374	92
Colleges of Medicine and Dentistry.....	207,109	19
Other schools and departments.....	174,417	22
	<u>\$3,009,184</u>	<u>85</u>
Cash balance June 30, 1914.....		<u>89,443 39</u>
		<b>\$3,098,628 24</b>

\* Including State appropriations retained in State treasury.

# VOUCHERS FOR THE YEAR ENDING JUNE 30, 1914.

VOUCHERS DRAWN ON THE TREASURER OF THE UNIVERSITY.

## GENERAL UNIVERSITY VOUCHERS.

No	Date.	To whom.	For what.	Amount.
1913.				
1	July 2	Flora M. Brown.....	Salary, June, 1913.....	\$30 00
2	do.	Florence E. Watson.....	Expenses.....	29 91
3	do.	Mary E. Busey.....	do.	40 37
4	do.	Laura B. Evans.....	do.	16 85
5	July 3	R. S. McInness.....	Dairy products furnished department of dairy husbandry.....	2 25
6	do.	C. C. Gordon.....	do.	3 12
7	do.	O. A. McInness.....	do.	1 27
8	do.	P. P. Dunn.....	do.	2 32
9	do.	I. H. Besore.....	do.	2 12
10	do.	M. Hudson.....	do.	2 69
11	do.	Fred Thompson.....	do.	2 96
12	do.	W. H. Webb.....	do.	1 83
13	do.	David Wilkin.....	do.	2 60
14	do.	J. M. Stickrod.....	do.	6 05
15	do.	W. F. Hampton.....	do.	1 89
16	do.	L. F. Lindsey.....	do.	2 45
17	do.	G. F. Diefenbach.....	do.	1 27
18	do.	J. E. Henderson.....	do.	2 07
19	do.	R. A. Lumsden.....	do.	1 16
20	do.	A. J. Putscher.....	do.	1 49
21	do.	E. Grove.....	do.	3 47
22	do.	Lou Creiger.....	do.	3 14
23	do.	H. C. Kaufman.....	do.	3 41
24	do.	J. H. Schwengel.....	do.	4 14
25	do.	E. J. Percival.....	do.	2 71
26	do.	S. Guinn.....	do.	2 49
27	do.	J. F. Hoy.....	do.	1 73
28	do.	T. H. Richardson.....	do.	3 92
29	do.	F. W. Howell.....	do.	2 10
30	do.	David Hahn.....	do.	4 73
31	do.	C. M. Van Meter.....	do.	3 53
32	do.	J. A. R. Koch.....	do.	5 21
33	do.	E. R. Canady.....	do.	5 21
34	do.	G. H. Spencer.....	do.	5 57
35	do.	A. W. McJilton.....	do.	3 47
36	do.	Chas. Wilson.....	do.	3 72
37	do.	Wm. Van Buskirk.....	do.	2 07
38	do.	G. W. Van Meter.....	do.	3 75
39	do.	T. M. Ghere.....	do.	6 58
40	do.	R. H. Brewer.....	do.	2 07
41	do.	M. Leigh.....	do.	4 45
42	do.	P. J. Wagner.....	do.	6 64
43	do.	J. D. Perham.....	do.	3 47
44	do.	J. H. Umbanhowar.....	do.	4 09
45	do.	Wm. Case.....	do.	2 88
46	do.	Ed. Huckins.....	do.	1 96
47	do.	W. E. Yount.....	do.	5 94
48	do.	Pearl Hazen.....	do.	3 47
49	do.	Z. C. Keene.....	do.	3 58
50	do.	W. D. Rohl.....	do.	5 46
51	do.	Nicholas Hahn.....	do.	7 28
52	do.	W. E. Womack.....	do.	2 18
53	do.	Chas. Sadler.....	do.	1 99
54	do.	W. J. Wilson.....	do.	3 00
55	do.	C. C. Rayburn.....	do.	1 85
56	do.	L. P. Rayburn.....	do.	3 98
57	do.	Len Rayburn.....	do.	3 33
58	do.	J. M. Herriott.....	do.	4 37
59	do.	Geo. Herriott.....	do.	5 46

GENERAL UNIVERSITY VOUCHERS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
60	July 1913.	C. A. Fogel.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 3 14
61	do.....	W. C. Welch.....	do.....	2 21
62	do.....	L. W. Maxwell.....	do.....	3 19
63	do.....	S. Atchison.....	do.....	2 31
64	do.....	C. Luther.....	do.....	5 60
65	do.....	F. H. Bussey.....	do.....	5 29
66	do.....	Roy Douglas.....	do.....	3 25
67	do.....	F. C. Stevenson.....	do.....	3 64
68	do.....	T. A. McCracken.....	do.....	3 67
69	July 7	Mary Hill.....	Salary, first half summer session, 1913.....	75 00
70	do.....	A. W. Nolan.....	do.....	112 50
71	do.....	Federick Bauer.....	do.....	75 00
72	do.....	W. H. Smith.....	do.....	75 00
73	do.....	D. O. Barto.....	do.....	37 50
74	do.....	C. F. Hottes.....	do.....	112 50
75	do.....	P. A. Leitenbauer.....	do.....	50 00
76	do.....	C. W. Balke.....	do.....	112 50
77	do.....	C. G. Derick.....	do.....	87 50
78	do.....	Oliver Kamm.....	do.....	50 00
79	do.....	Geo. Sears.....	do.....	50 00
80	do.....	J. E. Bail.....	do.....	75 00
81	do.....	E. K. Strachan.....	do.....	75 00
82	do.....	B. S. Hopkins.....	do.....	87 50
83	do.....	H. C. P. Weber.....	do.....	75 00
84	do.....	H. O. Rugg.....	do.....	150 00
85	do.....	W. C. Bagley.....	do.....	150 00
86	do.....	L. D. Coffman.....	do.....	150 00
87	do.....	L. F. Anderson.....	do.....	112 50
88	do.....	John Adams.....	do.....	250 00
89	do.....	L. P. Ayres.....	do.....	187 50
90	do.....	W. S. Miller.....	do.....	50 00
91	do.....	M. H. Robinson.....	do.....	150 00
92	do.....	G. W. Dowdle.....	do.....	75 00
93	do.....	O. R. Martin.....	do.....	75 00
94	do.....	D. K. Dodge.....	do.....	150 00
95	do.....	Harriet Jones.....	do.....	112 50
96	do.....	M. H. Liddell.....	do.....	175 00
97	do.....	A. J. Tylee.....	do.....	75 00
98	do.....	E. M. Halliday.....	do.....	87 50
99	do.....	Walter Bruden.....	do.....	75 00
100	do.....	H. G. Paul.....	do.....	112 50
101	do.....	J. W. Polson.....	do.....	112 50
102	do.....	Alvah Peterson.....	do.....	50 00
103	do.....	D. H. Carnahan.....	do.....	100 00
104	do.....	Ingebright Lillehel.....	do.....	50 00
105	do.....	O. E. Lessing.....	do.....	150 00
106	do.....	F. E. Held.....	do.....	75 00
107	do.....	P. S. Barto.....	do.....	75 00
108	do.....	A. H. Koller.....	do.....	150 00
109	do.....	D. L. Patterson.....	do.....	100 00
110	do.....	A. C. Cole.....	do.....	50 00
111	do.....	Mande Parsons.....	do.....	50 00
112	do.....	Georgia Fleming.....	do.....	50 00
113	do.....	Alice Blester.....	do.....	50 00
114	do.....	H. J. Barton.....	do.....	50 00
115	do.....	W. A. Oldfather.....	do.....	100 00
116	do.....	J. C. Park.....	do.....	175 00
117	do.....	A. R. Crabhorn.....	do.....	87 50
118	do.....	George Rutledge.....	do.....	75 00
119	do.....	S. A. Rowland.....	do.....	75 00
120	do.....	G. E. Carcaulen.....	do.....	75 00
121	do.....	R. L. Borger.....	do.....	87 50
122	do.....	D. L. Scroggin.....	do.....	75 00
123	do.....	Frederick Ellis.....	do.....	75 00
124	do.....	F. B. Seeley.....	do.....	75 00
125	do.....	S. P. Farwell.....	do.....	75 00
126	do.....	N. E. Ensign.....	do.....	150 00
127	do.....	C. H. Mills.....	do.....	50 00
128	do.....	H. F. Crooks.....	do.....	50 00
129	do.....	E. H. Williams.....	do.....	87 50
130	do.....	E. H. Warner.....	do.....	50 00
131	do.....	O. A. Randolph.....	do.....	75 00
132	do.....	L. T. Jones.....	do.....	75 00
133	do.....	R. G. Gettell.....	do.....	150 00
134	do.....	E. C. Hays.....	do.....	150 00
135	do.....	F. W. Carpenter.....	do.....	112 50
136	do.....	W. A. Court.....	do.....	37 50

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
137	July 7	Ruth Marshall.....	Salary, first half summer session, 1913.	\$ 37 50
138	..do.	Ethel Bond.....	..do.	87 50
139	..do.	E. J. Reece.....	..do.	87 50
140	..do.	Edith H. Ford.....	..do.	42 50
141	July 3	The Wabash R. R., Urbana.....	Freight.....	3 50
142	..do.	C. C. C. & St. L. Ry. Co., Urbana.....	..do.	39 64
143	..do.	W. W. Lindley, Postmaster.....	Postal cards.....	50 00
144	July 5	C. C. C. & St. L. Ry. Co., Urbana.....	Freight.....	7 51
145	..do.	The Wabash R. R., Urbana.....	..do.	1 31
146	..do.	W. J. Engle.....	Wages, June, 1913.....	65 00
147	..do.	F. P. Goss.....	Expenses.....	12 00
148	..do.	Geo. E. Frazer.....	..do.	29 44
149	..do.	Mittendorf & Kiler.....	Furniture.....	50 00
150	..do.	C. W. Alvord.....	Lectures.....	20 00
151	..do.	Cyril G. Hopkins.....	Expenses.....	29 28
*152	..do.	J. B. Park.....	..do.	14 55
153	..do.	The Carson-Payson Co.....	Labor and material.....	8 60
154	..do.	Orr Allyn.....	Expenses.....	26 37
155	..do.	L. A. Hunter.....	..do.	6 99
156	..do.	Anna A. Hulburt.....	Wages, May, 1913.....	119 80
157	..do.	Edward Bartow.....	Traveling expenses.....	71 62
158	July 9	Wm. Cole.....	Supplies.....	19 47
159	..do.	Western Carbon & Ribbon Co.....	Ribbons.....	4 44
160	..do.	The U. of I. Supply Store.....	Supplies.....	1 53
161	..do.	Peck & Hills Furniture Co.....	Furniture.....	20 00
162	..do.	D. H. Lloyd.....	Supplies.....	3 37
163	..do.	Geo. Banta Publishing Co.....	Express.....	2 15
164	..do.	Twin City Printing Co.....	Printing.....	28 65
165	..do.	Bausch & Lomb Optical Co.....	Micrometer discs.....	2 27
166	..do.	English Bros., Contractors.....	Second payment on contract.....	1,046 75
167	..do.	Eugene Manning.....	Plow.....	14 00
168	..do.	S. E. Huff & Co.....	Lumber.....	14 00
169	..do.	National Engraving Co.....	Etchings.....	3 75
170	..do.	Jos. Breck & Sons.....	Supplies.....	17 21
171	..do.	Irving-Pitt Mfg. Co.....	..do.	16 00
172	..do.	A. O. Magnuson.....	Blue prints.....	2 45
173	..do.	Fowler-Manson-Sherman Cycle Mfg. Co.....	Stand.....	14 00
174	..do.	The Burr Co.....	Hardware.....	2 60
175	..do.	A. C. McClurg & Co.....	Books.....	218 93
176	..do.	Barnhart Bros.....	Muzzles.....	1 75
177	..do.	The Carl Bajohr L. C. Co.....	L. C. construction.....	70 48
178	..do.	Lucas Machine Tool Co.....	Tools.....	1,692 00
179	..do.	Edward C. Schmidt.....	Expenses.....	6 40
180	..do.	Harold H. Dunn.....	..do.	6 34
181	..do.	Illinois State Reformatory.....	Labels.....	3 50
182	..do.	Hawley Down Draft Furnace Co.....	Furnace.....	555 00
183	..do.	Buffalo Scale Co.....	Scales.....	92 00
184	..do.	Strauch Kodak Finishing Shop.....	Photograph work.....	26 73
185	..do.	A. O. Magnuson.....	Blue prints.....	13 75
186	..do.	D. H. Lloyd.....	Apparatus.....	4 34
187	..do.	Amerika Publishing Co.....	Books.....	8 00
188	..do.	Geo. E. Warner.....	..do.	1 65
189	..do.	20th Century Press Clipping Bureau.....	Clippings.....	7 50
190	..do.	The Southern Educational Society.....	Books.....	39 00
191	..do.	Tice & Lynch.....	Freight, etc.....	7 95
192	..do.	G. W. Sheldon & Co.....	Duty, fees, etc.....	40 43
193	..do.	Foster Brothers.....	Pictures.....	99 80
194	..do.	S. E. Huff & Co.....	Lumber.....	7 00
195	..do.	C. W. Davis.....	Labor.....	5 00
196	..do.	The Webster Mfg. Co.....	Supplies.....	41 50
197	..do.	Illinois State Reformatory.....	Printing.....	60 50
198	..do.	P. S. Campbell.....	..do.	88 75
199	..do.	Irving-Pitt Mfg. Co.....	Binder.....	1 76
200	..do.	E. E. Craig.....	Services.....	42 50
201	..do.	Anna B. Crackel.....	..do.	35 25
202	..do.	G. E. Stechert & Co.....	Books.....	53 65
203	..do.	Ernst Hertzberg & Sons.....	..do.	38 54
204	..do.	Walter W. & E. D. Hanes' Meat Market.....	Meat.....	2 98
205	..do.	The U. of I. Supply Store.....	Supplies.....	87 07
206	..do.	George Strode.....	Awnings.....	7 00
207	..do.	The Inner-Brace Chair Co.....	Chair.....	161 10
208	..do.	General Electric Co.....	Motor and fan.....	27 28
209	..do.	C. C. C. & St. L. Ry. Co., Urbana.....	Freight.....	2 48
210	..do.	The Wabash R. R., Urbana.....	..do.	1 52
211	..do.	Mart Watterson.....	Dairy products furnished department of dairy husbandry.....	2 82
212	..do.	H. Wascher.....	..do.	5 68
213	..do.	C. Allen.....	..do.	6 06

\* Cancelled.

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
214	1913, July 9	J. W. Cavanaugh.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 2 86
215	do.	John Godsell.....	do.	3 05
216	do.	T. P. Lyon.....	do.	2 90
217	do.	E. F. Lyon.....	do.	1 34
218	do.	Ralph Smith.....	do.	2 34
219	do.	Geo. Schiff.....	do.	3 78
220	do.	J. M. Stickrod.....	do.	4 07
221	do.	H. I. Nelson.....	do.	1 77
222	do.	A. R. Grindley.....	do.	4 90
223	do.	Z. C. Keene.....	do.	4 90
224	do.	Ed. Heppe.....	do.	3 78
225	do.	J. D. Pittman.....	do.	1 51
226	do.	Frank Knox.....	do.	5 26
227	do.	D. W. Shiveley.....	do.	5 66
228	do.	G. W. Van Meter.....	do.	4 23
229	do.	Grant Freeman.....	do.	3 11
230	do.	T. M. Clayton.....	do.	2 30
231	do.	C. E. Smoot.....	do.	3 53
232	do.	C. Ross.....	do.	2 24
233	do.	B. Jordan.....	do.	1 71
234	do.	T. F. Jordan.....	do.	4 45
235	do.	L. F. Bialeschski.....	do.	2 94
236	do.	Zillah Whitehead.....	do.	3 32
237	do.	F. S. Umbanhowar.....	do.	2 91
238	do.	Andrew Shields.....	do.	5 60
239	do.	W. E. Heyer.....	do.	2 91
240	do.	F. H. Busey.....	do.	2 66
241	do.	M. Cherry.....	do.	3 39
242	do.	Chas. Abbott.....	do.	1 51
243	do.	Wm. Brown.....	do.	3 58
244	do.	W. E. Satterfield.....	do.	4 82
245	do.	E. Grove.....	do.	3 39
246	do.	M. Hudson.....	do.	2 35
247	do.	W. H. Webb.....	do.	1 13
248	do.	Lou Creiger.....	do.	2 58
249	do.	A. J. Putscher.....	do.	1 05
250	do.	I. H. Besore.....	do.	1 22
251	do.	Fred Thompson.....	do.	1 57
252	do.	W. F. Hampton.....	do.	1 19
253	do.	G. F. Diefenbach.....	do.	1 21
254	do.	G. Taylor.....	do.	1 83
255	do.	R. A. Lumsden.....	do.	1 15
256	do.	C. C. Gordon.....	do.	2 59
257	do.	R. S. McInness.....	do.	1 28
258	do.	David Wilkins.....	do.	2 10
259	do.	J. H. Schwengel.....	do.	2 97
260	do.	J. E. Henderson.....	do.	1 57
261	do.	H. C. Kaulman.....	do.	2 05
262	do.	Geo. Herriott.....	do.	5 04
263	do.	H. H. Krukewitt.....	do.	5 40
264	do.	James Freeman.....	do.	3 84
265	do.	J. H. Umbanhowar.....	do.	4 14
266	do.	C. M. Reed.....	do.	3 61
267	do.	J. H. Rutan.....	do.	3 61
268	do.	W. E. Womacks.....	do.	1 99
269	do.	E. P. Ott.....	do.	1 96
270	do.	James Fisher.....	do.	3 22
271	do.	W. J. Willson.....	do.	2 27
272	do.	Van Carter.....	do.	4 37
273	do.	J. H. Cornett.....	do.	2 80
274	do.	J. A. R. Koch.....	do.	4 54
275	do.	E. C. Saddoris.....	do.	17 56
276	do.	W. A. Ashworth.....	do.	3 23
277	do.	Roy Douglas.....	do.	2 21
278	do.	W. T. Hobeson.....	do.	2 44
279	do.	A. G. Guard.....	do.	2 16
280	do.	C. M. Pfeister.....	do.	6 38
281	do.	Geo. Schiff.....	do.	4 62
282	do.	W. H. Frame.....	do.	3 75
283	do.	Ralph Smith.....	do.	1 85
284	do.	J. M. Stickrod.....	do.	5 03
285	do.	J. M. Herriott.....	do.	2 53
286	do.	C. J. Gillespie.....	do.	6 69
287	do.	A. Kroner.....	do.	4 45
288	do.	Frank Sheffer.....	do.	4 65
289	do.	John Rueb.....	do.	4 62
290	do.	H. F. Ridgeley.....	do.	4 20
291	do.	F. C. Stevenson.....	do.	3 36



## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
292	July 9	G. W. Van Meter.....	Dairy products furnished depart- ent of dairy husbandry.....	\$ 6 97
293	do.	Len Rayburn.....	do.	3 61
294	do.	C. A. Fogel.....	do.	5 99
295	do.	C. Luther.....	do.	10 78
296	do.	A. W. McJilton.....	do.	3 53
297	do.	W. L. Davis.....	do.	4 12
298	do.	T. M. Guynn.....	do.	4 37
299	do.	J. A. Daeger.....	do.	4 34
300	do.	E. R. Canady.....	do.	4 82
301	do.	G. C. Cochran.....	do.	4 08
302	do.	B. F. Thomas, Jr.....	do.	3 75
303	do.	S. T. Carter.....	do.	3 92
304	do.	T. F. Jordan.....	do.	4 90
305	do.	B. Jordan.....	do.	3 28
306	do.	C. Ross.....	do.	2 88
307	do.	I. W. Maxwell.....	do.	3 05
308	do.	J. M. Willsey.....	do.	4 48
309	do.	F. Hetro.....	do.	3 67
310	do.	Z. C. Keene.....	do.	3 36
311	do.	Frank Knox.....	do.	3 92
312	do.	Western Union Telegraph Co, Urbana.....	Service.....	1 96
313	do.	Western Union Telegraph Office, Cham- paign.....	do.	4 08
314	do.	Western Union Telegraph Office, Urbana.....	do.	10 71
315	do.	C., C. & St. L. Ry. Co., Urbana.....	Freight.....	9 34
316	do.	C., C. & St. L. Ry. Co., Champaign.....	do.	10 24
317	do.	C., C. & St. L. Ry. Co., Urbana.....	do.	7 06
318	do.	Louise Bateman.....	Expenses and lectures.....	30 04
319	July 10	E. Grove.....	Dairy products furnished depart- ment of dairy husbandry.....	3 00
320	do.	A. R. Grindley.....	do.	4 62
321	do.	H. I. Nelson.....	do.	2 16
322	do.	Geo. Herriott.....	do.	3 53
323	do.	Lou Creiger.....	do.	3 53
324	do.	R. T. Lumsden.....	do.	1 34
325	do.	R. A. Lumsden.....	do.	1 07
326	do.	G. F. Diefenbach.....	do.	2 38
327	do.	S. Guinn.....	do.	2 58
328	do.	J. H. Schwengel.....	do.	3 70
329	do.	Mart Watterson.....	do.	4 09
330	do.	I. H. Besore.....	do.	1 99
331	do.	H. C. Kaufman.....	do.	3 12
332	do.	R. S. McInness.....	do.	2 86
333	do.	C. C. Gordon.....	do.	2 84
334	do.	O. A. McInness.....	do.	1 38
335	do.	L. F. Lindsey.....	do.	1 83
336	do.	P. P. Dunn.....	do.	2 69
337	do.	A. J. Putscher.....	do.	1 98
338	do.	W. F. Hampton.....	do.	1 03
339	do.	J. E. Henderson.....	do.	1 46
340	do.	Fred Thompson.....	do.	1 36
341	do.	W. H. Webb.....	do.	1 56
342	do.	J. W. Cavanaugh.....	do.	2 97
343	do.	David Wilkins.....	do.	2 48
344	do.	J. F. Hoy.....	do.	2 32
345	do.	M. Hudson.....	do.	2 15
346	do.	Pearl Hazen.....	do.	3 53
347	do.	F. S. Umbanhowar.....	do.	4 23
348	do.	E. R. Canady.....	do.	4 87
349	do.	J. H. Umbanhowar.....	do.	4 56
350	do.	D. Hahn.....	do.	5 18
351	do.	W. E. Yount.....	do.	8 18
352	do.	A. G. Krukewitt.....	do.	3 28
353	do.	W. D. Rohl.....	do.	8 18
354	do.	J. A. R. Koch.....	do.	5 29
355	do.	F. Krukewitt.....	do.	3 67
356	do.	M. Leigh.....	do.	7 14
357	do.	H. Cherry.....	do.	3 36
358	do.	L. P. Rayburn.....	do.	1 72
359	do.	C. C. Rayburn.....	do.	1 37
360	do.	Ed Huckins.....	do.	1 48
361	do.	J. D. Perham.....	do.	3 47
362	do.	Wm. Van Buskirk.....	do.	2 77
363	do.	I. T. Webb.....	do.	4 16
364	do.	C. M. Van Meter.....	do.	3 70
365	do.	W. E. Womack.....	do.	2 44
366	do.	E. M. Frankenbergl.....	do.	3 42
367	do.	Chas. Wilson.....	do.	4 09

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
368	July 10	D. B. White.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 4 56
369	..do....	W. J. Wilson.....	..do.....	2 35
370	..do....	Z. Alsip.....	..do.....	2 46
371	..do....	F. H. Busey.....	..do.....	5 01
372	..do....	Chas. Sadler.....	..do.....	1 76
373	..do....	J. P. Yeazel.....	..do.....	3 58
374	..do....	P. J. Wagner.....	..do.....	4 84
375	..do....	J. F. Hubbard.....	..do.....	2 04
376	..do....	R. W. Brewer.....	..do.....	1 93
377	..do....	Andrew Shields.....	..do.....	5 54
378	..do....	A. W. McJilton.....	..do.....	4 26
379	..do....	W. L. Davis.....	..do.....	4 45
380	..do....	T. M. Ghere.....	..do.....	5 52
381	..do....	Roy Douglas.....	..do.....	2 33
382	..do....	O. A. Foster.....	..do.....	3 78
383	..do....	T. H. Richardson.....	..do.....	3 78
384	..do....	W. J. Hobeson.....	..do.....	3 33
385	..do....	W. E. Welch.....	..do.....	1 82
386	..do....	N. Hahn.....	..do.....	5 52
387	..do....	J. G. Mosier.....	Expenses.....	59 65
388	..do....	O. S. Fisher.....	..do.....	75 52
389	..do....	The Saffell Co.....	Supplies.....	3 20
390	..do....	S. E. Dillavou.....	Batteries.....	1 25
391	..do....	Twin City Printing Co.....	Supplies.....	2 75
392	..do....	National Engraving Co.....	Etchings.....	9 05
393	..do....	Illinois State Reformatory.....	Printing.....	6 05
394	..do....	Automatic Electric Co.....	Supplies.....	12 50
395	..do....	Champaign Seed Co.....	Meal.....	11 75
396	..do....	H. F. Chester.....	Service.....	3 25
397	..do....	J. W. Butler Paper Co.....	Paper.....	8 21
398	..do....	Percival & Moorehead.....	Locks.....	4 60
399	..do....	W. F. Handschin.....	Expenses.....	22 33
400	..do....	J. R. Wells.....	..do.....	13 02
401	..do....	Strauch Kodak Finishing Shop.....	Photograph work.....	2 04
402	..do....	A. M. & L. A. Terwilliger.....	Scale.....	3 00
403	..do....	The U. of I. Supply Store.....	Supplies.....	41 59
404	..do....	Champaign Steam Laundry.....	Laundry work.....	6 90
405	..do....	J. S. Reimund.....	Ice cream.....	27 85
406	..do....	F. C. Hubbard.....	Fruit and vegetables.....	8 28
407	..do....	A. S. Nelson & Sons.....	Groceries.....	8 72
408	..do....	Chas. E. Mueller & Co.....	Ice.....	45 50
409	..do....	General Electric Co.....	Fan, etc.....	12 20
410	..do....	G. E. Stechert & Co.....	Books.....	37 30
411	..do....	Clyde McWilliams.....	Hay.....	25 07
412	..do....	S. C. James.....	Labor and material.....	2 50
413	..do....	Roy Cunningham.....	Hay and freight.....	30 85
414	..do....	Commercial Telephone and Telegraph Co.....	Services.....	13 55
415	..do....	Soudamore Bros.....	Harness.....	12 50
416	..do....	Jolly, Wieland & Richardson Co.....	Supplies.....	11 52
417	..do....	Northrup's Art Gallery.....	Developing.....	2 00
418	..do....	W. A. Ruth.....	Board.....	22 50
419	..do....	Ellen M. Henrotin.....	Expenses.....	12 79
420	..do....	Florence Watson.....	..do.....	21 43
421	..do....	Marshall Field & Co.....	Framing.....	7 70
422	..do....	Geo. Banta Publishing Co.....	Reprints.....	33 47
423	..do....	J. B. Stoughton Holborn.....	Lectures.....	332 00
424	..do....	Paul Hayhurst.....	Wages, June, 1913.....	32 66
425	..do....	H. D. Brown.....	..do.....	44 90
426	..do....	C. E. Trout.....	..do.....	25 20
427	..do....	W. E. Golden.....	..do.....	25 60
428	..do....	W. B. Golden.....	..do.....	25 60
429	..do....	H. I. Hannah.....	..do.....	25 60
430	..do....	Charles B. Sayre.....	Expenses.....	8 85
431	..do....	Alfred Gunderson.....	..do.....	31 20
432	..do....	B. S. Pickett.....	..do.....	20 88
433	..do....	The Saffell Co.....	Paper.....	1 00
434	..do....	A. O. Magnuson.....	Blue prints.....	21 51
435	..do....	H. F. Chester.....	Service.....	5 50
436	..do....	D. H. Lloyd.....	Supplies.....	11 60
437	..do....	The Scott Paper Co.....	Towels.....	12 07
438	..do....	A. S. Nelson & Sons.....	Water.....	2 10
439	..do....	Vaughan's Seed Store.....	Spray.....	8 00
440	..do....	The Burr Co.....	Drill holes.....	10 20
441	..do....	Knowlton & Bennett.....	Parowax.....	1 20
442	..do....	Reliable Plumbing & Heating Co.....	Supplies.....	9 34
443	..do....	The Grasselli Chemical Co.....	Arsenate of lead.....	14 50
444	..do....	Metzler & Schafer Co.....	Salt.....	3 00
445	..do....	N. H. Shields, Contractor.....	Fourth payment on contract.....	7,495 30

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
446	July 10	Western Electric Co.	Bells.	\$ 30 00
447	..do.	E. H. Sargent & Co.	Supplies.	327 55
448	..do.	Katharine H. Wooten.	Cases.	350 00
449	..do.	Rand, McNally & Co.	Map plate.	4 35
450	..do.	Bean Spray Pump Co.	Supplies.	1 14
451	..do.	S. E. Dillavou.	..do.	128 50
452	..do.	Champaign Seed Co.	Seed.	1 40
453	..do.	T. H. Flood & Co.	Books.	116 88
454	..do.	T. H. Flood & Co.	..do.	207 00
455	..do.	The Boston Book Co.	..do.	25 00
456	..do.	Callaghan & Co.	..do.	19 25
457	..do.	West Publishing Co.	Book.	6 00
458	..do.	The Carswell Co.	..do.	1 50
459	..do.	The Hispanic Society of America	Books.	11 54
460	..do.	G. E. Stechert & Co.	..do.	31 66
461	..do.	Leavitt Mfg. Co.	Labor and material.	3 18
462	..do.	The Burr Co.	Hardware.	42 25
463	..do.	Green Street Pharmacy.	Supplies.	7 17
464	..do.	The Schaeffner & Budenberg Mfg. Co.	Calorimeters.	80 00
465	..do.	Illinois Society of Engineers & Surveyors	Dues.	10 00
466	..do.	Harris & Mead.	Sherbet, etc.	21 00
467	..do.	The Engineering Magazine.	Advertising.	2 09
468	..do.	Ernst Hertzberg & Sons.	Binding.	102 29
469	..do.	Oliver Ditson Co.	Music scores.	6 00
470	..do.	G. E. Stechert & Co.	Books.	131 40
471	..do.	General Electric Co.	Fans.	36 60
472	..do.	The Century Co.	Book case.	15 00
473	..do.	W. W. Miller.	Wages, June, 1913.	32 25
474	..do.	Geo. Strobe.	Awnings.	9 00
475	..do.	Clarence School.	Wages, June, 1913.	46 00
476	..do.	Scott Taylor.	..do.	38 00
477	..do.	Strauch Kodak Finishing Shop.	Photograph work.	1 25
478	..do.	Twin City Ice & Cold Storage Co.	Ice.	4 00
479	July 11	C. Allen.	Dairy products furnished department of dairy husbandry.	3 96
480	..do.	H. Wascher.	..do.	9 38
481	..do.	John Godsell.	..do.	2 63
482	..do.	Ralph Smith.	..do.	1 40
483	..do.	Geo. Schiff.	..do.	3 25
484	..do.	G. M. Seeber.	..do.	7 03
485	..do.	T. F. Jordan.	..do.	5 29
486	..do.	C. Ross.	..do.	2 52
487	..do.	B. Jordan.	..do.	2 55
488	..do.	C. A. Fogel.	..do.	2 86
489	..do.	C. M. Reed.	..do.	3 92
490	..do.	B. F. Thomas, Jr.	..do.	3 58
*491	..do.	J. H. Rutan.	..do.	1 54
492	..do.	C. J. Gillespie.	..do.	3 36
493	..do.	Z. C. Keene.	..do.	3 02
494	..do.	J. C. Shrock.	..do.	4 06
495	..do.	Wm. Gulick.	..do.	4 51
496	..do.	D. W. Shiveley.	..do.	3 28
497	..do.	C. Abbott.	..do.	1 65
498	..do.	Illinois Traction System, Urbana.	Freight.	3 02
499	..do.	Geo. W. Medley.	Expenses.	10 32
500	..do.	John A. Rumer.	..do.	29 60
501	..do.	F. A. Fisher.	..do.	63 60
502	..do.	C. C. Logan.	..do.	94 86
503	..do.	A. L. Moats.	..do.	18 00
504	..do.	Henry Pfau.	..do.	57 75
505	..do.	F. W. Gault.	..do.	79 31
506	..do.	J. E. Whitechurch.	..do.	81 76
507	..do.	A. F. Heck.	..do.	11 36
508	..do.	R. W. Dickenson.	..do.	23 45
509	..do.	Geo. W. Matheny.	..do.	40 33
510	..do.	J. W. Dow.	..do.	48 19
511	..do.	Frank Morgan.	..do.	60 50
512	..do.	Rance Sutton.	..do.	19 23
513	..do.	Baldwin Coolidge.	Slides.	30 00
514	..do.	W. F. Conway.	Butter.	2 70
515	..do.	Wm. Bramstedt.	..do.	5 46
516	..do.	Dewitt Smith.	..do.	5 46
517	..do.	J. R. Newberry.	..do.	8 29
518	..do.	Geo. Bost.	..do.	5 46
519	..do.	M. E. Simonson.	..do.	8 03
520	..do.	C. R. Reiter.	..do.	2 35
521	..do.	Spring Valley Creamery Co.	..do.	5 05
522	..do.	Geo. Bloyer.	..do.	5 14
523	..do.	P. J. Petersen.	..do.	2 70

\* Cancelled.

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1913.				
524	July 11	R. J. Collier	Butter	\$ 7 97
525	do	Fred Grimm	do	4 94
526	do	H. J. Anderson	do	2 25
527	do	Green River Creamery Co.	do	9 76
528	do	M. H. Anderson	do	7 02
529	do	E. H. Sargent & Co.	Supplies	9 66
530	do	L. P. Ayres	Salary, summer session	187 50
531	do	A. Barr	Bats	12 50
532	do	Barnhart Bros.	Supplies	2 16
533	do	Cameron-Schroth Co.	do	559 32
534	do	Stephen Rogers	Expenses	138 95
535	do	O. M. Allyn	do	9 73
536	do	National Engraving Co.	Halftones	5 00
537	do	The Chas. A. Strelinger Co.	Drills	12 73
538	do	R. R. Donnelley & Sons Co.	Book supplies	1, 014 86
539	do	Percival & Moorehead	Bolts	1 20
540	do	Martinus Nijhoff	Books	737 85
541	do	Teachers College	do	2 40
542	do	The New York Botanical Garden	Book	1 50
543	do	G. E. Stechert & Co.	Books	12 82
544	do	J. Terquem & Co.	do	16 53
545	do	Automatic Electric Co.	Supplies	12 50
546	do	E. H. Sargent & Co.	Wire	5 80
547	do	Peck & Hills Furniture Co.	Furniture	43 25
548	do	J. W. Butler Paper Co.	Paper	9 70
549	do	The Taylor Hardware Co.	Utensils	13 75
550	do	Burroughs Adding Machine Co.	Paper	5 25
551	do	F. G. Blair	Expenses	5 11
552	do	Illinois Press Clipping Bureau	Clippings	5 00
553	July 12	E. N. Deatley	Wages, May and June, 1913	78 00
554	do	Economy Drawing Table Co.	Furniture	28 80
555	do	C. N. Clark & Co.	Labor	2 00
556	do	Hunter Rourke & Co.	Material	5 10
557	do	Central Electric Co.	Supplies	59 09
558	do	S. E. Huff & Co.	Lumber	21 10
559	do	W. L. Abbott	Expenses	161 27
560	do	J. B. Lippincott Co.	Analysis	1 50
561	July 14	Ralph M. Parks	Orchestra	10 50
562	do	G. L. Van Buskirk	Dairy products furnished department of dairy husbandry	2 94
563	do	Cora Stacker	do	2 23
564	do	J. M. Stickrod	do	5 27
565	do	H. C. Kaufman	do	2 36
566	do	M. Hudson	do	1 20
567	do	J. E. Henderson	do	1 08
568	do	J. H. Schwengel	do	2 77
569	do	R. S. McInness	do	1 32
570	do	T. P. Lyons	do	3 00
571	do	C. M. Pfeister	do	1 74
572	do	C. C. Gordon	do	1 95
573	do	G. Taylor	do	1 13
574	do	David Wilkins	do	1 68
575	do	I. H. Besore	do	1 25
576	do	O. W. Hampton	do	1 16
577	do	R. A. Lumsden	do	1 45
578	do	Lou Creiger	do	2 21
579	do	E. Grove	do	2 02
580	do	G. F. Diefenbach	do	1 36
581	do	W. F. Hampton	do	1 00
582	do	A. R. Grindley	do	2 05
583	do	A. J. Putscher	do	1 19
584	do	H. H. Krukewitt	do	5 40
585	do	F. W. Howell	do	1 90
586	do	G. H. Spencer	do	5 43
587	do	J. H. Rutan	do	2 21
588	do	Van Carter	do	4 20
589	do	J. M. Herriott	do	1 96
590	do	Geo. Herriott	do	3 19
591	do	T. A. McCracken	do	3 53
592	do	E. R. Canady	do	5 24
593	do	W. E. Satterfield	do	3 47
594	do	John Rueb	do	2 69
595	do	J. H. Perham	do	2 16
596	do	W. J. Wilson	do	2 13
597	do	James Freeman	do	3 89
598	do	James Fisher	do	3 08
599	do	G. O. McMorris	do	2 63
600	do	T. M. Clayton	do	2 24
601	do	Ed. Heppie	do	3 42

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
602	July 14, 1913.	Grant Freeman.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 3 67
603	..do.....	Pearl Hazen.....	..do.....	2 27
604	..do.....	D. W. Shiveley.....	..do.....	4 40
605	..do.....	C. Luther.....	..do.....	5 52
606	..do.....	W. E. Wonnacks.....	..do.....	2 16
607	..do.....	G. W. Van Meter.....	..do.....	4 42
608	..do.....	M. Cherry.....	..do.....	4 17
609	..do.....	F. H. Bussey.....	..do.....	3 98
610	..do.....	W. A. Ashworth.....	..do.....	3 56
611	..do.....	W. F. Hobson.....	..do.....	1 46
612	..do.....	E. C. Saddors.....	..do.....	13 78
613	..do.....	J. W. Maxwell.....	..do.....	3 42
614	..do.....	J. W. Wilsey.....	Main memorial tablet.....	3 72
615	..do.....	H. P. Jones, Captain, U. S. N.....	Office supplies.....	4 80
616	..do.....	D. H. Loyde.....	Building materials.....	1 20
617	..do.....	J. C. Thomas.....	Books.....	7 25
618	..do.....	The Boston Book Co.....	Books.....	6 37
619	..do.....	C. C. C. & St. L. Ry. Co.....	Freight.....	9 39
620	July 20	Percival & Morehead.....	Building materials.....	3 60
621	July 15	G. W. Sheldon & Co.....	Freight.....	22 17
622	..do.....	The Asiatic Society of Japan.....	Subscriptions.....	62 50
623	..do.....	Mr. Fred Bockelmann.....	Expenses.....	18 59
624	..do.....	W. W. Wake.....	Books.....	2 00
625	..do.....	Tice & Lynch.....	Freight.....	25 65
626	..do.....	A. C. McClurg & Co.....	Books.....	6 85
627	..do.....	C. R. Newell.....	Expenses.....	16 86
628	..do.....	Harry Ferguson.....	Books.....	25 36
629	..do.....	Harry Ferguson.....	Books.....	59 51
630	..do.....	Ralph Hilscher.....	..do.....	34 10
631	..do.....	Paul Hansen.....	..do.....	60 49
632	..do.....	G. E. Steehert & Co.....	..do.....	2 25
633	..do.....	Bronson Barlow.....	Dairy products furnished depart- ment of dairy husbandry.....	9 53
634	..do.....	Ralph Smith.....	..do.....	2 27
635	..do.....	J. M. Shickrod.....	..do.....	4 17
636	..do.....	I. H. Besore.....	..do.....	1 34
637	..do.....	Geo. Schirf.....	..do.....	3 86
638	..do.....	H. Wascher.....	..do.....	4 42
639	..do.....	H. I. Nelson.....	..do.....	3 04
640	..do.....	J. W. Cavanaugh.....	..do.....	3 16
641	..do.....	Mart Waterson.....	..do.....	3 64
642	..do.....	C. E. Smoot.....	..do.....	3 30
643	..do.....	L. F. Blaeschl.....	..do.....	3 11
644	..do.....	C. M. Reed.....	..do.....	3 67
645	..do.....	Len Rayburn.....	..do.....	3 47
646	..do.....	John Rueb.....	..do.....	3 19
647	..do.....	E. P. Ott.....	..do.....	4 00
648	..do.....	W. T. Heyer.....	..do.....	2 46
649	..do.....	M. Leigh.....	..do.....	2 55
650	..do.....	Andrew Shields.....	..do.....	5 66
651	..do.....	C. Luther.....	..do.....	5 04
652	..do.....	B. Jordan.....	..do.....	6 75
653	..do.....	T. F. Jordan.....	..do.....	6 75
654	..do.....	C. Ross.....	..do.....	3 16
655	..do.....	C. A. Fogel.....	..do.....	2 58
656	..do.....	C. J. Gillespie.....	..do.....	3 16
657	..do.....	Wm. Brown.....	..do.....	7 11
658	..do.....	A. Kroner.....	..do.....	3 47
659	..do.....	Frank Knox.....	..do.....	4 40
660	..do.....	Z. C. Keene.....	..do.....	4 03
661	..do.....	J. J. Cender.....	..do.....	3 36
662	..do.....	F. C. Stevenson.....	..do.....	3 58
663	..do.....	W. L. Davis.....	..do.....	4 56
664	..do.....	S. T. Carter.....	..do.....	2 55
665	..do.....	T. N. Guyan.....	Expenses.....	4 12
666	..do.....	C. E. Dursl.....	..do.....	10 59
667	..do.....	N. W. Hepburn.....	..do.....	7 89
668	..do.....	G. W. Beardsley.....	..do.....	22 25
669	..do.....	H. C. Lawson.....	..do.....	19 35
670	..do.....	H. A. Cate.....	..do.....	17 58
671	..do.....	L. M. Wakeley.....	..do.....	12 84
672	..do.....	Otto Schwartz.....	..do.....	6 27
673	..do.....	Wilhelm Miller.....	..do.....	45 61
674	..do.....	H. P. Rush.....	..do.....	7 68
675	..do.....	English Brothers, Contractors.....	..do.....	
676	..do.....	Charles Pollard.....	Third payment on account of general contract.....	\$ 7,530 88
677	..do.....	Roy Mount.....	Wages, June, 1913.....	49 00
			..do.....	43 30

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
678	July 15	Western Union Telegraph Co.	Service	\$ 22 44
679	July 16	S. Atchison	Dairy products furnished department of dairy husbandry.	1 46
680	..do..	Cora Stacker	..do..	2 66
681	..do..	G. C. Gordon	..do..	15 44
682	..do..	C. W. York	..do..	2 86
683	..do..	J. M. Smith	..do..	16 64
684	..do..	Jno. McCullough	..do..	22 10
685	..do..	R. T. Lumsden	..do..	1 88
686	..do..	John Harp	..do..	80 85
687	July 17	J. M. Smith	..do..	5 74
688	..do..	A. R. Grindley	..do..	3 44
689	..do..	E. J. Percival	..do..	1 97
690	..do..	H. C. Kaufman	..do..	2 91
691	..do..	J. F. Hoy	..do..	1 07
692	..do..	S. Guinn	..do..	2 63
693	..do..	W. H. Webb	..do..	1 86
694	..do..	H. H. Schwengel	..do..	3 60
695	..do..	E. Grove	..do..	3 70
696	..do..	Lou Creiger	..do..	3 19
697	..do..	G. M. Seeber	..do..	6 16
698	..do..	M. Hudson	..do..	2 44
699	..do..	Roy Douglas	..do..	2 07
700	..do..	W. F. Hampton	..do..	1 70
701	..do..	A. J. Putscher	..do..	1 31
702	..do..	G. F. Diefenbach	..do..	1 55
703	..do..	L. F. Lindsey	..do..	2 73
704	..do..	J. E. Henderson	..do..	1 73
705	..do..	Fred Thompson	..do..	3 01
706	..do..	C. C. Gordon	..do..	2 53
707	..do..	O. A. McInness	..do..	1 41
708	..do..	R. S. McInness	..do..	1 52
709	..do..	David Wilkin	..do..	2 04
710	..do..	F. H. Bussey	..do..	5 43
711	..do..	J. A. R. Koch	..do..	5 04
712	..do..	E. R. Canady	..do..	4 96
713	..do..	F. S. Umbanhowar	..do..	4 26
714	..do..	O. A. Foster	..do..	3 89
715	..do..	Wm. Van Buskirk	..do..	5 76
716	..do..	W. E. Yount	..do..	7 87
717	..do..	W. E. Heyer	..do..	3 02
718	..do..	T. M. Ghene	..do..	6 47
719	..do..	M. Leigh	..do..	3 61
720	..do..	Chas. Wilson	..do..	4 09
721	..do..	W. D. Rohl	..do..	5 35
722	..do..	P. J. Wagner	..do..	6 05
723	..do..	J. H. Umbanhowar	..do..	4 00
724	..do..	W. E. Statterfield	..do..	2 63
725	..do..	Nicholas Hahn	..do..	5 74
726	..do..	C. M. VanMeter	..do..	3 50
727	..do..	Wm. Leischner	..do..	3 67
728	..do..	J. F. Hubbard	..do..	1 71
729	..do..	W. E. Womacks	..do..	2 74
730	..do..	G. W. VanMeter	..do..	4 42
731	..do..	J. M. Herriott	..do..	2 69
732	..do..	Pearl Hazen	..do..	3 28
733	..do..	J. H. Pittman	..do..	5 74
734	..do..	C. C. Rayburn	..do..	1 34
735	..do..	L. P. Rayburn	..do..	2 33
736	..do..	C. W. Pfeister	..do..	5 10
737	..do..	E. M. Frankenberg	..do..	1 46
738	..do..	David Hahn	..do..	4 62
739	..do..	W. J. Wilson	..do..	2 46
740	..do..	C. Sadler	..do..	2 30
741	..do..	Ed. Huckins	..do..	1 65
742	..do..	Zillah Whitehead	..do..	2 77
743	..do..	T. H. Richardson	..do..	4 26
744	..do..	W. C. Welsh	..do..	2 32
745	..do..	I. W. Maxwell	..do..	3 00
746	..do..	P. P. Dunn	..do..	2 13
747	..do..	S. Atchison	..do..	1 65
748	..do..	The Saffell Co.	General supplies	1 90
749	..do..	Western Electric Co.	Laboratory supplies	10 74
750	..do..	Karl W. Hiersemann	Books	3 95
751	..do..	W. Heffer & Sons	..do..	115 20
752	..do..	Bertram Dobell	..do..	2 60
753	..do..	Bernard Quaritch	..do..	14 80
754	..do..	Max Weg	..do..	450 48
755	..do..	Librairie C. Klincksieck	..do..	203 48

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
756	July 17	John Davis	Books	\$ 8 54
757	do	Bernh Liebisch	do	4 61
758	do	Oswald Weigel, Antiquariat	do	7 01
759	do	Ch. Chadenat	do	53 95
760	do	Karl W. Hiersemann	do	438 92
761	do	John Davis	do	3 10
762	do	Edw. G. Allen & Son	Library	233 67
763	do	Paul Gottschalk	Books	1 10
764	do	Joseph Baer & Co.	Library	3 60
765	do	Joseph Baer & Co.	do	2 90
766	do	J. J. Lenter	Books	6 48
767	do	William Reeves	Library	6 62
768	do	Paul Gottschalk	do	295 10
769	do	Arthur C. Willard	Expenses	59 50
770	do	Garm Norbury	Traveling expenses	15 16
771	do	Beall Brothers	Laboratory apparatus	17 98
772	do	Geo. B. Carpenter & Co.	do	9 45
773	do	Twin City Roofing & Sheet Metal Works	do	6 00
774	do	Meyer Weuthe	Office supplies	5 30
775	do	P. S. Campbell	Convocation programs	9 75
776	do	Mittendorf & Kiler	Furniture	149 50
777	do	D. H. Loyde	Office supplies	1 48
778	do	G. E. Stechert & Co.	Library	337 38
779	do	Western Roofing & Supply Co.	Laboratory apparatus connection	29 08
780	do	L. A. Hunter	Traveling expenses	7 94
781	do	Paul Geuthner	Books	30 70
782	do	J. Terquem & Co.	Library	153 89
783	do	Ernst Hertzberg & Sons	Binding	117 20
784	do	James H. Carter	Field expenses	86 50
785	do	Otto Harrassowitz	Books	9 55
786	do	Max Weg	do	14 17
787	do	Dulau & Co.	do	3 39
788	do	David Kinley	Traveling expenses	84 27
789	do	C. E. Thorne	Lecture	50 00
790	do	Augusta D. Evans	Traveling expenses	60 35
791	do	William J. Gerhard	Books	3 50
792	July 13	Clayton F. Summy Co.	do	1 60
793	do	Sullivan Machinery Co.	Laboratory apparatus	210 00
794	do	Statute Law Book Co.	Books	9 15
795	do	Ingersoll-Rand Co.	Laboratory apparatus	72 78
796	do	Baker, Voorhis & Co.	Books	75 00
797	do	The Michie Co.	do	14 67
798	do	E. H. Sargent & Co.	Laboratory supplies	127 06
799	do	The Denver Fire Clay Co.	Tools	45 70
800	do	G. E. Stechert & Co.	Books	268 89
801	do	West Publishing Co.	do	77 25
802	do	T. H. Flood & Co.	Library	202 45
803	do	Callaghan & Co.	Books	10 00
804	do	The U. of I. Supply Store	Song book	1 63
805	do	E. C. Massie, Treasurer	Books	10 00
806	do	The Boston Book Co.	do	2 18
807	do	A. C. McClurg & Co.	Geology equipment	10 08
808	do	G. E. Stechert & Co.	Books	52 01
809	July 19	H. Wascher	Dairy products furnished department of dairy husbandry	2 69
810	do	Ralph Smith	do	1 40
811	do	John Godsell	do	2 13
812	do	C. Allen	do	2 68
813	do	W. H. Frame	do	3 84
814	do	Geo. Schiff	do	3 22
815	do	J. W. Willsey	do	4 17
816	do	G. W. Miller	do	4 54
817	do	A. J. Wright	do	2 32
818	do	E. P. Ott	do	1 99
819	do	D. W. Shiveley	do	5 29
820	do	Frank Knox	do	4 20
821	do	J. C. Shrock	do	4 23
822	do	T. F. Jordan	do	4 06
823	do	C. Ross	do	2 63
824	do	B. Jordan	do	3 19
825	do	J. A. Daeger	do	3 89
826	do	C. J. Gillespie	do	3 42
827	do	B. F. Thomas, Jr.	do	3 84
828	do	J. Rueb	do	2 52
829	do	Chas. Abbott	do	1 46
830	do	T. A. McCracken	do	3 50
831	do	W. A. Coonce	do	2 48
832	do	J. D. Perham	do	3 33
833	July 17	C., C. & St. L. Ry. Co.	Freight and express	4 04

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
834	July 19	O. E. Staples, Bursar	Express bills paid	\$ 28 18
835	do	O. E. Staples, Bursar	do	8 48
836	do	W. W. Lindley, Postmaster	Postage	15 00
837	do	O. E. Staples, Bursar	General labor vouchers paid	383 89
838	do	O. E. Staples, Bursar	do	34 90
839	do	W. W. Lindley, Postmaster	Postage	182 00
840	do	O. E. Staples, Bursar	Student labor vouchers paid	39 40
841	do	O. E. Staples, Bursar	Student labor	237 19
842	do	O. E. Staples, Bursar	Sundry bills paid	18 13
843	do	O. E. Staples, Bursar	do	4 75
844	do	Orr M. Allyn	Traveling expenses	18 76
845	do	L. H. Smith	do	7 44
846	do	William Reeves	Books	32 62
847	do	Franz Deuticke	do	4 61
848	do	G. E. Stechert & Co.	do	16 94
849	do	A. Herman & Fils.	do	46 90
850	do	Pickering & Chatto	do	1 22
851	do	C., C. C. & St. L. Ry. Co.	Freight and express	4 24
852	July 21	Bess Riggs	Office work	5 40
853	do	R. J. Lyons	Plot work	23 20
854	do	E. T. Ebersole	Experimental work	36 92
855	do	C. F. Mattoon	Plot work	18 00
856	do	G. F. Smalley	do	14 40
857	do	W. W. Trimble	Farm labor	13 80
858	do	C. E. Ping	Milker dairy barn	8 75
*859	do	B. E. Reinel	Laborer dairy barn	6 00
860	do	H. M. English	Milker dairy barn	8 75
861	do	J. J. Herbert	Services of assistant bookkeeper	13 65
862	do	Gordon Klein	Laborer dairy barn	18 00
863	do	C. G. Cox	Assistant Bacteriological labora- tory	13 30
864	do	K. A. McCaskill	Assistant milk house	8 75
865	do	D. Vauble	Office work	16 80
866	do	N. Meltz	Farm work	8 80
867	do	S. C. Skemp	Clerical work	6 20
868	do	C. H. Rehling	Farm work	11 72
869	do	L. A. Boettiger	do	16 80
870	do	Arthur Semple	do	5 08
871	do	B. S. Davison	Chemical assistant	24 00
872	do	S. D. Kirkpatrick	Laboratory help	13 20
873	do	W. B. Newlin	do	15 70
874	do	A. A. Odell	Services as stenographer	21 45
875	do	Paul Davis	Farm work	45 20
876	do	G. W. Beardsley	Official tester	56 83
877	do	Vera Beyer	Services as office assistant	16 80
878	do	C. R. Sinclair	Services as assistant photographer	14 00
879	do	A. Magnuson	Services as manager B. L. P. de- partment	17 92
880	do	Florence Nyberg	Services as stenographer	16 67
881	do	H. J. Vanderbeek	Services as mechanician	20 66
882	do	The Lawyers Cooperative Publishing Co.	Books	2 50
883	do	Jones & Laughlin Steel Co.	Laboratory supplies	2 39
884	July 22	D. H. Lloyd	Office supplies	14 67
885	do	Bacon Brothers	General supplies	15 99
886	do	John H. Doyle	do	14 00
887	do	Irving-Pitt Mfg. Co.	Office supplies	6 10
888	do	Central Electric Co.	Electric mantles	47 87
889	do	F. K. Robeson	General supplies	73 52
890	do	W. M. Gaertner & Co.	Laboratory apparatus	400 00
891	do	J. Horace McFarland Co.	do	151 40
892	do	C. C. Short	Horse shoeing	14 50
893	do	Hunter Roubé & Co.	Laboratory apparatus	38 90
894	do	Chas. A. Hall Hardware Co.	Farm machinery	5 20
895	do	R. E. Brand	Traveling expenses	[23 15
896	do	The Jaenecke Printing Ink Co.	Office supplies	3 48
897	do	National Engraving Co.	Zinc etching and postage	1 00
898	do	A. O. Magnuson	Blue prints and plates	[15 25
899	do	General Electric Co.	Fixtures	24 40
900	do	The Standard Calorimeter Co.	Laboratory apparatus	225 00
901	do	B. C. Ames Co.	do	45 00
902	do	Mittendorf & Kiler	Office supplies	6 00
903	do	Geo. B. Carpenter & Co.	General supplies	27 25
904	do	Machinists Supply Co.	Tools	24 60
905	do	Reliable Plumbing & Heating Co.	Plumbing materials	4 18
906	do	N. W. Damm & Son	Books	82 94
907	do	R. K. Hursh	Traveling expenses	13 76
908	do	The A. H. Andrews Co.	Furniture	66 40
909	do	Hegenbart & Dickerson Co.	General supplies	3 40
910	do	T. J. Burrill	Allowance	250 00

\* Cancelled.



## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
911	July 22	U. & C. Ry., Gas & Electric Co.....	Gas.....	\$50 00
912	do.....	Knowlton & Bennett.....	General supplies.....	2 40
913	do.....	H. Swannell & Son.....	do.....	1 50
914	do.....	Fred Thompson.....	Dairy products furnished depart- ment of dairy husbandry.....	1 15
915	do.....	E. J. Percival.....	do.....	1 19
916	do.....	J. E. Henderson.....	do.....	1 60
917	do.....	T. P. Lyon.....	do.....	2 17
918	do.....	A. G. Guard.....	do.....	1 71
919	do.....	Roy Douglas.....	do.....	1 53
920	do.....	J. H. Schwengel.....	do.....	2 41
921	do.....	E. Grove.....	do.....	2 60
922	do.....	David Wilkin.....	do.....	1 79
923	do.....	R. S. McInness.....	do.....	1 17
924	do.....	C. C. Gordon.....	do.....	1 69
925	do.....	I. H. Besore.....	do.....	1 11
926	do.....	R. A. Lumsden.....	do.....	1 22
927	do.....	H. C. Kaufman.....	do.....	1 91
928	do.....	E. F. Lyon.....	do.....	1 09
929	do.....	J. M. Stickrod.....	do.....	5 22
930	do.....	Lou Creiger.....	do.....	2 46
931	do.....	J. F. Hoy.....	do.....	2 70
932	do.....	A. J. Putscher.....	do.....	1 45
933	do.....	Pearl Hazen.....	do.....	2 32
934	do.....	W. J. Wilson.....	do.....	1 88
935	do.....	James Freeman.....	do.....	3 70
936	do.....	Geo. Herriott.....	do.....	3 14
937	do.....	Z. C. Keene.....	do.....	3 33
938	do.....	John Rueb.....	do.....	2 04
939	do.....	Van Carter.....	do.....	3 92
940	do.....	H. H. Krukewitt.....	do.....	4 12
941	do.....	Ed. Huckins.....	do.....	3 25
942	do.....	J. H. Cornett.....	do.....	3 28
943	do.....	T. M. Clayton.....	do.....	2 32
944	do.....	C. A. Fogel.....	do.....	3 02
945	do.....	J. A. R. Koch.....	do.....	5 12
946	do.....	A. G. Krukewitt.....	do.....	2 88
947	do.....	J. H. Umbanhowar.....	do.....	3 95
948	do.....	Len Rayburn.....	do.....	3 14
949	do.....	F. H. Busey.....	do.....	3 92
950	do.....	E. R. Canady.....	do.....	4 00
951	do.....	F. Krukewitt.....	do.....	3 25
952	do.....	R. W. Brewer.....	do.....	2 13
953	do.....	James Fisher.....	do.....	2 58
954	do.....	T. M. Ghere.....	do.....	3 95
955	do.....	J. H. Ruten.....	do.....	2 44
956	do.....	C. Luther.....	do.....	4 46
957	do.....	G. W. Van Meter.....	do.....	2 72
958	do.....	John Ridgeley.....	do.....	2 66
959	do.....	I. T. Webb.....	do.....	3 60
960	do.....	J. C. Knight.....	do.....	3 50
961	do.....	G. O. McMorris.....	do.....	2 27
962	do.....	A. W. McJilton.....	do.....	3 98
963	do.....	W. J. Hobeson.....	do.....	3 25
964	do.....	O. W. Hampton.....	do.....	1 11
965	do.....	H. Wascher.....	do.....	5 91
966	do.....	Geo. Schiff.....	do.....	3 47
967	do.....	P. P. Dunn.....	do.....	1 76
968	do.....	G. M. Seever.....	do.....	4 76
969	do.....	Ralph Smith.....	do.....	1 43
970	do.....	S. T. Carter.....	do.....	3 98
971	do.....	John Rueb.....	do.....	3 19
972	do.....	J. M. Herriott.....	do.....	2 52
973	do.....	C. J. Gillespie.....	do.....	7 22
974	do.....	M. Cherry.....	do.....	3 16
975	do.....	Geo. Herriott.....	do.....	3 33
976	do.....	Rollie Freeman.....	do.....	2 80
977	do.....	Wm. Case.....	do.....	3 70
978	do.....	F. C. Stevenson.....	do.....	3 47
979	do.....	A. Kroner.....	do.....	4 48
980	do.....	F. Hetro.....	do.....	3 84
981	do.....	J. P. Yeazel.....	do.....	3 70
982	do.....	B. F. Jordan.....	do.....	5 99
983	do.....	C. Ross.....	do.....	3 30
984	do.....	G. C. Cochram.....	do.....	3 68
985	do.....	John Ingelman.....	do.....	5 71
986	do.....	Frank Sheffer.....	do.....	3 00
987	do.....	C. Luther.....	do.....	4 93
988	do.....	T. F. Jordan.....	do.....	7 06

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1989	1913. July 22	Chas. Smith.....	Dairy products furnished deaprt- ment of dairy husbandry.....	\$ 2 27
990	..do....	Andrew Shields.....	..do....	5 24
991	..do....	W. F. Heyer.....	..do....	2 35
992	..do....	C. J. Von Holten.....	..do....	3 67
993	..do....	I. W. Maxwell.....	..do....	3 33
994	July 23	Charles A. Campbell.....	Traveling and field expense.....	76 38
995	..do....	G. E. Stechert & Co.....	Books.....	13 15
996	..do....	Automatic Electric Co.....	Phone fixtures.....	12 50
997	..do....	J. R. Midyett.....	Field expenses.....	78 70
998	..do....	S. E. Huff & Co.....	Laboratory apparatus.....	95 00
999	..do....	Sargent Steam Meter Co.....	..do....	65 00
1000	..do....	Champaign Steam Laundry.....	Laundry.....	7 34
1001	..do....	The Chester Transfer Co.....	Surrey, team and driver.....	7 00
1002	..do....	G. E. Stechert & Co.....	Books.....	13 00
1003	..do....	Knowlton & Bennett.....	Laboratory apparatus.....	1 25
1004	..do....	Mittendorf & Kiler.....	Office supplies.....	2 65
1005	..do....	Freeman & Brooks, Contractors.....	Building contracts.....	2,789 14
1006	..do....	H. C. Wheeler.....	Field expenses.....	88 00
1007	..do....	C. B. Sayre.....	Traveling expenses.....	5 45
1008	..do....	F. W. Garrett.....	Traveling and field expense.....	40 04
1009	..do....	Harrison Fahrnkopf.....	..do....	70 79
1010	..do....	A. F. Gustafson.....	Traveling expenses.....	65 52
1011	..do....	George M. Hinkley.....	Traveling and field expense.....	25 00
1012	..do....	H. W. Stewart.....	Field expenses.....	48 93
1013	..do....	W. M. Powell.....	..do....	47 39
1014	..do....	A. C. McClurg & Co.....	Books.....	96 82
1015	..do....	Illinois State Reformatory.....	Stationery.....	61 70
1016	..do....	Ernst Hertzberg & Sons.....	Bookbinding.....	83 44
1017	..do....	J. Terquem & Co.....	Books.....	132 87
1018	..do....	G. E. Stechert & Co.....	..do....	89 14
1019	..do....	Gustav Fock.....	..do....	1 44
1020	..do....	H. J. Snider.....	Traveling expenses.....	19 66
1021	..do....	Harrison Fahrnkopf.....	Traveling and field expense.....	78 32
1022	..do....	F. W. Gault.....	..do....	86 37
1023	..do....	F. A. Fisher.....	Field expenses.....	58 35
1024	..do....	A. L. Moats.....	..do....	15 00
1025	..do....	L. H. Smith.....	Traveling expenses.....	8 93
1026	..do....	H. D. Oberdorfer.....	..do....	12 38
1027	..do....	C. R. Newell.....	..do....	12 22
1028	..do....	George Harding.....	Books.....	434 20
1029	..do....	Master Car Builders' Association.....	..do....	7 50
1030	..do....	University Club of Urbana & Cham- paign.....	Entertainment of Dr. Evans.....	6 00
1031	..do....	Horace K. Turner Associates.....	Laboratory apparatus.....	1 50
1032	..do....	Detroit Publishing Co.....	..do....	1 53
1033	..do....	Munhall Printing House.....	Office supplies.....	3 50
1034	..do....	General Electric Co.....	Fixtures.....	12 45
1035	..do....	Buffalo Scale Co.....	Laboratory apparatus.....	29 56
1036	..do....	Leavitt Mfg. Co.....	..do....	17 09
1037	..do....	Queen-Gray Co.....	Apparatus repairs.....	3 50
1038	..do....	E. I. duPont de Nemours Powder Co.....	Laboratory apparatus.....	25 40
1039	..do....	H. V. Roberts.....	..do....	149 30
1040	..do....	Alexander Lumber Co.....	Building material.....	3 96
1041	..do....	Automatic Electric Co.....	Fixtures.....	15 00
1042	..do....	Knowlton & Bennett.....	General supplies.....	4 00
1043	..do....	Machinists Supply Co.....	Laboratory supplies.....	2 04
1044	..do....	G. M. Davis Regulator Co.....	..do....	75 00
1045	..do....	S. E. Huff.....	Building materials.....	1 90
1046	..do....	Federal Sign System Electric Co.....	Electrical supplies.....	131 69
*1047	..do....	J. T. Alexander.....	Traveling expenses.....	8 64
*1048	..do....	W. F. Fletcher.....	..do....	8 64
1049	..do....	Carroll J. Badger.....	..do....	13 39
1050	..do....	J. B. Andrews.....	..do....	11 64
1051	..do....	The Burr Co.....	Apparatus repairs.....	5 10
1052	..do....	G. E. Stechert & Co.....	Books.....	169 93
1053	..do....	Martinus Nijhoff.....	..do....	136 36
1054	..do....	Keuffel & Esser Co.....	Laboratory apparatus.....	49 99
1055	..do....	Ernst Hertzberg & Sons.....	Book binding.....	152 80
1056	..do....	A. C. McClurg & Co.....	Books.....	18 00
1057	..do....	Lemcke & Buechner.....	..do....	23 48
1058	..do....	Tice & Lynch.....	..do....	12 80
1059	..do....	The Denver Fire Clay Co.....	Laboratory supplies.....	24 00
1060	..do....	George Strode.....	Awnings.....	5 00
1061	July 24	H. I. Nelson.....	Dairy products furnished depart- ment of dairy husbandry.....	4 94
1062	..do....	A. R. Grindley.....	..do....	3 24
1063	..do....	Lou Creiger.....	..do....	3 28
1064	..do....	E. Grove.....	..do....	2 66

\* Cancelled, August 4, 1913.

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1065	July 1913.	M. Hudson.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 2 20
1066	do.....	J. M. Stickrod.....	do.....	4 88
1067	do.....	H. C. Kaufman.....	do.....	2 36
1068	do.....	Mart Waterson.....	do.....	3 92
1069	do.....	S. Guinn.....	do.....	1 62
1070	do.....	J. H. Schwenkel.....	do.....	3 43
1071	do.....	David Wilkin.....	do.....	2 10
1072	do.....	G. F. Dielenbach.....	do.....	2 78
1073	do.....	Roy Douglas.....	do.....	2 02
1074	do.....	C. C. Gordon.....	do.....	2 54
1075	do.....	C. A. McInness.....	do.....	1 90
1076	do.....	L. F. Lindsey.....	do.....	2 05
1077	do.....	R. S. McInness.....	do.....	1 52
1078	do.....	W. F. Hampton.....	do.....	2 68
1079	do.....	A. J. Putscher.....	do.....	2 06
1080	do.....	Grant Freeman.....	do.....	3 50
1081	do.....	W. E. Wornacks.....	do.....	2 86
1082	do.....	J. J. Cender.....	do.....	4 73
1083	do.....	G. W. Van Meter.....	do.....	3 72
1084	do.....	Chas. Wilson.....	do.....	4 37
1085	do.....	W. L. Davis.....	do.....	2 31
1086	do.....	W. A. Coonce.....	do.....	3 44
1087	do.....	J. D. Perham.....	do.....	6 50
1088	do.....	M. Leigh.....	do.....	2 18
1089	do.....	Z. Alsip.....	do.....	6 52
1090	do.....	W. E. Yount.....	do.....	5 07
1091	do.....	E. R. Canada.....	do.....	4 03
1092	do.....	Ed. Heppé.....	do.....	5 40
1093	do.....	Nicholas Hahn.....	do.....	4 20
1094	do.....	D. B. White.....	do.....	5 21
1095	do.....	P. J. Wagner.....	do.....	1 82
1096	do.....	W. J. Wilson.....	do.....	3 72
1097	do.....	Frank Knox.....	do.....	2 07
1098	do.....	Pearl Hazen.....	do.....	5 29
1099	do.....	G. H. Spencer.....	do.....	3 58
1100	do.....	Wm. Brown.....	do.....	4 79
1101	do.....	Wm. D. Rohl.....	do.....	3 05
1102	do.....	H. Cherry.....	do.....	4 79
1103	do.....	J. A. R. Koch.....	do.....	5 61
1104	do.....	G. W. Pleister.....	do.....	5 29
1105	do.....	F. H. Bussey.....	do.....	4 55
1106	do.....	T. M. Guyim.....	do.....	3 58
1107	do.....	C. A. Fogel.....	do.....	5 26
1108	do.....	T. H. Richardson.....	do.....	1 79
1109	do.....	W. C. Welch.....	Salary, second half summer ses- sion, 1913.....	75 00
1110	do.....	Mary Hill.....	do.....	112 50
1111	do.....	A. W. Nolan.....	do.....	75 00
1112	do.....	Frederick Bauer.....	do.....	75 00
1113	do.....	W. H. Smith.....	do.....	37 50
1114	do.....	D. O. Barro.....	do.....	112 50
1115	do.....	C. F. Hottes.....	do.....	50 00
1116	do.....	P. A. Lehenbauer.....	do.....	112 50
1117	do.....	C. W. Balke.....	do.....	87 50
1118	do.....	C. G. Derick.....	do.....	50 00
1119	do.....	Oliver Kamm.....	do.....	50 00
1120	do.....	George Sears.....	do.....	75 00
1121	do.....	J. E. Bell.....	do.....	75 00
1122	do.....	E. K. Strachan.....	do.....	75 00
1123	do.....	B. S. Hopkins.....	do.....	87 50
1124	do.....	H. C. P. Weber.....	do.....	150 00
1125	do.....	H. O. Ruge.....	do.....	150 00
1126	do.....	W. G. Bagley.....	do.....	112 50
1127	do.....	L. D. Coffman.....	do.....	150 00
1128	do.....	L. F. Anderson.....	do.....	250 00
1129	do.....	John Adams.....	do.....	50 00
1130	do.....	S. W. Miller.....	do.....	150 00
1131	do.....	M. H. Robinson.....	do.....	75 00
1132	do.....	G. W. Dowie.....	do.....	150 00
1133	do.....	O. K. Martin.....	do.....	150 00
1134	do.....	D. K. Dodge.....	do.....	112 50
1135	do.....	H. S. V. Jones.....	do.....	175 00
1136	do.....	M. H. Liddell.....	do.....	75 00
1137	do.....	A. J. Tylee.....	do.....	87 50
1138	do.....	E. M. Halliday.....	do.....	75 00
1139	do.....	Walter Bruchan.....	do.....	112 50
1140	do.....	H. G. Paul.....	do.....	112 50
1141	do.....	J. W. Folsom.....	do.....	112 50

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1142	1913. July 24	Alvah Peterson.....	Salary, second half summer session, 1913.....	\$ 50 00
1143	.do.	D. H. Carnahan.....	.do.	100 00
1144	.do.	Ingebright Lillehei.....	.do.	50 00
1145	.do.	O. E. Lessing.....	.do.	150 00
1146	.do.	F. E. Held.....	.do.	75 00
1147	.do.	P. S. Barto.....	.do.	75 00
1148	.do.	A. H. Koller.....	.do.	75 00
1149	.do.	D. L. Patterson.....	.do.	150 00
1150	.do.	A. C. Cole.....	.do.	100 00
1151	.do.	Maude Parsons.....	.do.	50 00
1152	.do.	Georgia Fleming.....	.do.	50 00
1153	.do.	Alice Biester.....	.do.	50 00
1154	.do.	H. J. Barton.....	.do.	50 00
1155	.do.	W. A. Oldfather.....	.do.	100 00
1156	.do.	J. C. Park.....	.do.	175 00
1157	.do.	A. R. Crathrone.....	.do.	87 50
1158	.do.	George Rutledge.....	.do.	75 00
1159	.do.	S. A. Rowland.....	.do.	75 00
1160	.do.	G. E. Carscallen.....	.do.	75 00
1161	.do.	R. L. Borger.....	.do.	87 50
1162	.do.	D. L. Scroggin.....	.do.	75 00
1163	.do.	Frederick Ellis.....	.do.	75 00
1164	.do.	F. B. Seeley.....	.do.	75 00
1165	.do.	S. P. Farwell.....	.do.	75 00
1166	.do.	N. E. Ensign.....	.do.	75 00
1167	.do.	C. H. Mills.....	.do.	150 00
1168	.do.	H. F. Crooks.....	.do.	50 00
1169	.do.	E. H. Williams.....	.do.	87 50
1170	.do.	E. H. Warner.....	.do.	50 00
1171	.do.	O. A. Randolph.....	.do.	75 00
1172	.do.	L. T. Jones.....	.do.	75 00
1173	.do.	R. G. Gettell.....	.do.	150 00
1174	.do.	E. C. Hays.....	.do.	150 00
1175	.do.	F. W. Carpenter.....	.do.	112 50
1176	.do.	W. A. Court.....	.do.	37 50
1177	.do.	Ruth Marshall.....	.do.	37 50
1178	.do.	Ethel Bond.....	.do.	87 50
1179	.do.	E. J. Reece.....	.do.	87 50
1180	.do.	Edith Ford.....	.do.	42 50
1181	.do.	John W. Harp.....	Labor and material.....	50 00
1182	.do.	University of Illinois Supply Store.....	Office supplies.....	1 89
1183	.do.	D. H. Loyde.....	.do.	17 18
1184	.do.	Illinois State Reformatory.....	.do.	112 20
1185	.do.	Bennetts Magazine Agency.....	Magazines and newspapers.....	1 05
1186	.do.	G. E. Stechert & Co.....	Books.....	169 11
1187	.do.	Twin City Ice & Cold Storage Co.....	General supplies.....	2 00
1188	.do.	Peck & Hills.....	Office equipment.....	49 50
1189	.do.	The Decatur Lumber Mfg. Co.....	Furniture.....	45 00
1190	.do.	Hunter Rourke & Co.....	General supplies.....	28 37
1191	.do.	Percy Stallings.....	Labor.....	120 00
1192	.do.	George W. Medley.....	Field expenses.....	27 25
1193	.do.	Harry C. Gilkerson.....	Traveling expenses.....	38 97
1194	.do.	Alfred J. Gunderson.....	.do.	20 27
1195	.do.	W. M. Taylor.....	Field expenses.....	6 54
1196	.do.	W. C. Coffey.....	Traveling expenses.....	9 70
1197	July 25	J. E. Henderson.....	Dairy products furnished department of dairy husbandry.....	2 77
1198	.do.	Fred Thompson.....	.do.	1 47
1199	.do.	John Godsell.....	.do.	2 24
1200	.do.	Chas. Allen.....	.do.	2 01
1211	.do.	E. F. Lyon.....	.do.	1 03
1202	.do.	Geo. Schiff.....	.do.	2 88
1203	.do.	W. H. Frame.....	.do.	3 23
1204	.do.	A. J. Wright.....	.do.	2 52
1205	.do.	C. J. Gillespie.....	.do.	3 14
1206	.do.	O. A. Foster.....	.do.	3 58
1207	.do.	Andrew Shields.....	.do.	5 40
1208	.do.	W. E. Heyer.....	.do.	1 74
1209	.do.	C. Luther.....	.do.	4 93
1210	.do.	C. Ross.....	.do.	1 43
1211	.do.	T. F. Jordan.....	.do.	4 62
1212	.do.	G. W. Miller.....	.do.	4 70
1213	.do.	B. Jordan.....	.do.	5 46
1214	.do.	Chas. Smith.....	.do.	2 07
1215	.do.	A. W. McJilton.....	.do.	3 72
1216	.do.	J. C. Schrock.....	.do.	4 02
1217	.do.	J. H. Umbanhowar.....	.do.	4 09
1218	.do.	F. S. Umbanhowar.....	.do.	4 26

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
1219	July 25	D. W. Shiveley	Dairy products furnished department of dairy husbandry	\$ 3 84
1220	do	Wm. Leishner	do	3 25
1221	do	Len Rayburn	do	2 27
1222	do	J. D. Pittman	do	1 43
1223	do	C. H. Demlow	do	2 86
1224	do	J. W. Willsey	do	4 31
1225	do	C., C., C. & St. L. Ry. Co.	Freight and express	24 51
1226	do	C., C., C. & St. L. Ry. Co.	do	1 47
1227	do	The Wabash R. R. Co., Urbana	do	63 53
*1228	do	Crosby Steam Gage & Valve Co.	Laboratory apparatus	109 85
1229	do	The University of Illinois Supply Co.	Office supplies	11 51
1230	do	D. H. Lloyd	do	10 84
1231	do	Alexander Lumber Co.	General supplies	1 15
1232	do	John H. Doyle	Farm machinery	2 00
1233	do	Ernst Hertzberg & Sons	Bookbinding	51 37
1234	do	American Hard Rubber Co.	Laboratory supplies	3 56
1235	do	Samuel Abrams	Office supplies	1 25
1236	do	Economy Drawing Table Co.	Office equipment	22 05
1237	do	Central Electric Co.	Laboratory apparatus	13 94
1238	do	Jno. B. Bennett	Drain tile	2 50
1239	do	Leonard Seed Co.	Laboratory supplies	1 75
1240	do	C. G. Willoughby	Laboratory apparatus	104 70
1241	do	Vaughan's Seed Store	General supplies	40 60
1242	do	Revere Rubber Co.	Farm machinery	7 50
1243	do	Peters & Rud Pottery Co.	General supplies	37 80
1244	do	L. K. Howse	do	2 00
1245	do	G. Cramer Dry Plate Co.	Supplies	17 77
1246	do	G. & C. Merriam Co.	Books	13 05
1247	do	Western Electric Co.	Laboratory supplies	5 52
1248	do	C. B. Sayre	Traveling expenses	20 62
1249	do	Paul Gottschalk	Books	170 00
1250	do	O. E. Staples, Bursar	General pay roll paid in cash to July 23, 1913	22 26
1251	do	O. E. Staples, Bursar	Sundry bills paid in cash to July 23, 1913	38 97
1252	do	O. E. Staples, Bursar	Postage	40 25
1253	do	O. E. Staples, Bursar	Advance of money for petty cash fund, July 24, 1913	5,000 00
1254	do	C. G. Hopkins, Vice Dean	Advance of money for petty expense cash, July 24, 1913	600 00
1255	do	O. E. Staples, Bursar	Labor pay roll to July 23	83 13
1256	do	O. E. Staples, Bursar	Bills paid to July 23, 1913	84 94
1257	do	Crosby Steam Gage & Valve Co.	Laboratory apparatus	105 65
1258	do	Wittiams Brothers	Window shades	4 20
1259	July 26	E. Grove	Dairy products furnished department of dairy husbandry	1 99
1260	do	Lou Creiger	do	2 27
1261	do	R. S. McInness	do	2 42
1262	do	C. C. Gordon	do	1 56
1263	do	J. H. Schwengel	do	2 72
1264	do	G. Taylor	do	1 70
1265	do	David Wilkin	do	1 37
1266	do	H. Wascher	do	3 92
1267	do	G. F. Diefenbach	do	1 46
1268	do	R. A. Lumsden	do	1 71
1269	do	T. P. Lyon	do	1 61
1270	do	J. F. Hoy	do	1 20
1271	do	H. C. Kaufman	do	2 25
1272	do	Mrs. S. G. Richards	do	1 09
1273	do	Van Carter	do	3 81
1274	do	M. Cherry	do	2 55
1275	do	M. Leigh	do	2 72
1276	do	John Rueb	do	4 20
1277	do	David Hahn	do	5 10
1278	do	W. E. Satterfield	do	4 70
1279	do	C. M. Van Meter	do	3 28
1280	do	L. G. Van Buskirk	do	2 38
1281	do	E. P. Ott	do	3 33
1282	do	James Freeman	do	3 28
1283	do	Ed. Huckins	do	1 74
1284	do	James Fisher	do	2 77
1285	do	T. M. Clayton	do	1 88
1286	do	Chas. Wilson	do	2 30
1287	do	H. H. Krukewitt	do	3 89
1288	do	J. A. R. Koch	do	5 21
1289	do	T. M. Ghere	do	4 62
1290	do	E. R. Canady	do	5 07
1291	do	T. A. McCracken	do	3 58

\* Cancelled.

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
1292	July 26	W. J. Wilson.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 1 74
1293	..do..	J. M. Herriott.....	..do..	2 35
1294	..do..	Geo. Herriott.....	..do..	3 14
1295	..do..	F. H. Busey.....	..do..	4 34
1296	..do..	C. J. Van Holten.....	..do..	2 91
1297	..do..	W. J. Hobeson.....	..do..	2 83
1298	..do..	C. M. McConn.....	Traveling expenses.....	15 39
1299	..do..	Peck & Hills Furniture Co.....	Furniture.....	434 63
1300	July 28	H. S. Capron.....	Land.....	600 00
1301	..do..	Laura B. Evans.....	Traveling expenses.....	42 22
1302	..do..	The Taylor Hardware Co.....	Fixtures.....	17 73
1303	..do..	Leavitt Mfg. Co.....	Laboratory apparatus.....	99 90
1304	..do..	Alexander Lumber Co.....	Building materials.....	12 48
1305	..do..	Walker & Mulliken.....	General supplies.....	3 00
1306	..do..	The University of Illinois Supply Store.....	Office equipment.....	32 18
1307	..do..	Twin City Ice & Cold Storage Co.....	General supplies.....	25 00
1308	..do..	The Chas. A. Hall Hardware Co.....	Farm machinery.....	13 50
1309	..do..	J. W. Stipes.....	Paving.....	600 00
1310	..do..	O. M. Allyn.....	Traveling expenses.....	11 48
1311	..do..	A. W. Nolan.....	..do..	3 75
1312	..do..	L. C. Smith & Bros. Typewriter Co.....	Office equipment.....	70 00
1313	..do..	E. H. Sargent & Co.....	Laboratory supplies.....	14 01
1314	..do..	Standard Oil Co.....	General supplies.....	9 60
1315	..do..	Louden Machinery Co.....	Expenses.....	4 00
1316	..do..	R. C. Wagner & Son.....	General supplies.....	10 13
1317	..do..	Frison Brothers.....	Machine repairs.....	22 50
1318	..do..	Peck & Hills.....	Furniture.....	7 50
1319	..do..	R. W. Braithwaite.....	Visit to dairy barn.....	3 25
1320	..do..	F. Blocki Co.....	Machine repairs.....	7 60
1321	..do..	Champaign Seed Co.....	General supplies.....	15 00
1322	July 29	P. P. Dunn.....	Dairy products furnished depart- ment of dairy husbandry.....	1 68
1323	..do..	Geo. Schiff.....	..do..	4 03
1324	..do..	J. E. Henderson.....	..do..	1 10
1325	..do..	I. H. Besore.....	..do..	2 08
1326	..do..	Ralph Smith.....	..do..	2 27
1327	..do..	A. R. Grindley.....	..do..	5 35
1328	..do..	Chas. Smith.....	..do..	2 80
1329	..do..	C. E. Smoot.....	..do..	3 92
1330	..do..	C. J. Gillespie.....	..do..	6 27
1331	..do..	Frank Knox.....	..do..	4 14
1332	..do..	A. Kroner.....	..do..	4 26
1333	..do..	D. W. Shiveley.....	..do..	5 38
1334	..do..	C. A. Fogel.....	..do..	3 25
1335	..do..	C. Ross.....	..do..	2 94
1336	..do..	T. F. Jordan.....	..do..	6 30
1337	..do..	C. Luther.....	..do..	4 93
1338	..do..	B. Jordan.....	..do..	5 12
1339	..do..	I. T. Webb.....	..do..	3 51
1340	..do..	W. S. Hanley.....	..do..	1 96
1341	..do..	I. W. Maxwell.....	..do..	3 36
1342	..do..	W. J. Hobeson.....	..do..	2 16
1343	..do..	D. H. Lloyd.....	Office supplies.....	4 40
1344	..do..	University of Illinois Store.....	General supplies.....	23 40
1345	..do..	Taylor Hardware Co.....	Fixtures.....	16 90
1346	..do..	S. E. Huff & Co.....	General supplies.....	22 50
1347	..do..	Twin City Ice & Cold Storage Co.....	..do..	2 00
1348	..do..	G. E. Stechert & Co.....	Books.....	8 06
1349	..do..	Ernst Hertzberg & Sons.....	Binding books.....	24 40
1350	..do..	Strauch Kodak Finishing Shop.....	Photo supplies.....	3 80
1351	..do..	W. G. Pye & Co.....	Laboratory apparatus.....	150 41
1352	..do..	John Davis.....	Books.....	4 22
1353	..do..	Otto Lange.....	..do..	214 66
1354	..do..	The Museum Book Store.....	..do..	12 48
1355	..do..	A. C. McClurg & Co.....	..do..	1 35
1356	..do..	A. S. Clark.....	..do..	1 58
1357	..do..	W. F. Langelier.....	Traveling expenses.....	39 99
1358	..do..	C. R. Newell.....	..do..	13 12
1359	..do..	Garm Norbury.....	..do..	14 90
1360	..do..	Harry F. Ferguson.....	..do..	37 09
1361	..do..	W. J. Carmichael.....	..do..	10 84
1362	..do..	O. S. Fisher.....	..do..	130 70
1363	..do..	J. E. Whitechurch.....	Traveling and field expenses.....	83 06
1364	..do..	J. R. Trevett.....	Traveling expenses.....	11 72
1365	..do..	J. Terquem & Co.....	Books.....	2 36
1366	..do..	Champaign Seed Co.....	General supplies.....	7 72
1367	..do..	National Engraving Co.....	Zinc etchings from drawings and postage.....	4 80

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
1368	July 29	W. Lewis & Co.....	Window shades.....	\$ 4 25
1369	..do..	The Urbana Courier Co.....	Printing and publishing.....	28 85
1370	..do..	International Magazine Co.....	Books.....	38 00
1371	..do..	Montgomery Ward & Co.....	Laboratory apparatus.....	1 20
1372	..do..	National X-Ray Reflector Co.....	Electric fixtures.....	131 40
1373	..do..	Walker & Mulliken.....	Shades.....	2 60
1374	..do..	Rand, McNally Co.....	Laboratory apparatus.....	32 40
1375	..do..	H. H. Stock.....	Books.....	7 50
1376	..do..	Central Union Telephone Co.....	Toll service.....	6 15
1377	..do..	Boston Book Co.....	Books.....	1 00
1378	..do..	Frank Rick.....	Field expenses.....	42 75
1379	..do..	P. D. Long.....	..do..	72 25
1380	..do..	H. W. Stewart.....	Traveling expenses.....	51 41
1381	..do..	Ralph Chaplin.....	Field expenses.....	24 50
1382	..do..	Watson Faulkner.....	General supplies.....	7 20
1383	..do..	Max Weg.....	Books.....	23 14
1384	..do..	The Champaign News.....	Newspaper.....	44 00
1385	July 30	W. F. Hampton.....	Dairy products furnished depart- ment of dairy husbandry.....	2 65
1386	..do..	R. A. Lumsden.....	..do..	1 17
1387	..do..	G. M. Seeber.....	..do..	2 58
1388	..do..	David Wilkin.....	..do..	1 85
1389	..do..	A. P. Putscher.....	..do..	1 63
1390	..do..	G. F. Diefenbach.....	..do..	2 09
1391	..do..	John Ingelman.....	..do..	5 21
1392	..do..	F. C. Stevenson.....	..do..	3 40
1393	..do..	A. G. Krukewitt.....	..do..	3 11
1394	..do..	F. Krukewitt.....	..do..	2 69
1395	..do..	J. F. Hubbard.....	..do..	2 44
1396	..do..	F. S. Umbanhowar.....	..do..	3 81
1397	..do..	W. E. Yount.....	..do..	6 55
1398	..do..	W. D. Rohl.....	..do..	4 56
1399	..do..	A. W. McJilton.....	..do..	3 25
1400	..do..	F. W. Howell.....	..do..	1 76
1401	..do..	L. F. Bialeschski.....	..do..	3 30
1402	..do..	P. J. Wagner.....	..do..	5 15
1403	..do..	H. I. Nelson.....	..do..	2 76
1404	..do..	J. H. Schwengel.....	..do..	3 71
1405	..do..	F. H. Busey.....	..do..	4 59
1406	..do..	S. Guinn.....	..do..	2 46
1407	..do..	Fred Thompson.....	..do..	1 19
1408	..do..	R. S. McInness.....	..do..	2 37
1409	..do..	C. C. Gordon.....	..do..	1 83
1410	..do..	O. A. McInness.....	..do..	1 27
1411	..do..	H. Wascher.....	..do..	3 32
1412	..do..	J. F. Hoy.....	..do..	1 08
1413	..do..	H. C. Kaufman.....	..do..	2 95
1414	..do..	E. Grove.....	..do..	2 72
1415	..do..	M. Hudson.....	..do..	1 65
1416	..do..	E. J. Percival.....	..do..	2 36
1417	..do..	Roy Douglas.....	..do..	2 92
1418	..do..	Lou Creiger.....	..do..	3 81
1419	..do..	L. F. Lindsey.....	..do..	1 21
1420	..do..	N. Hahn.....	..do..	5 43
1421	..do..	J. H. Umbanhowar.....	..do..	4 26
1422	..do..	W. E. Womacks.....	..do..	2 46
1423	..do..	E. M. Frankenburg.....	..do..	2 41
1424	..do..	J. A. R. Koch.....	..do..	3 72
1425	..do..	John Rueb.....	..do..	3 16
1426	..do..	G. W. Van Meter.....	..do..	2 69
1427	..do..	C. A. Fogel.....	..do..	1 88
1428	..do..	R. W. Brewer.....	..do..	3 14
1429	..do..	Geo. Herriott.....	..do..	2 97
1430	..do..	S. T. Carter.....	..do..	2 88
1431	..do..	Chas. Abbott.....	..do..	1 32
1432	..do..	Pearl Hazen.....	..do..	2 91
1433	..do..	J. W. Wilsey.....	..do..	3 70
1434	..do..	O. E. Staples, Bursar.....	Sundry bills paid to July 29, 1913.	7 00
1435	..do..	O. E. Staples, Bursar.....	Bills paid to July 29, 1913.....	127 48
1436	..do..	John Harp, Contractor.....	Grading.....	281 50
1437	July 31	A. F. Gustafson.....	Traveling expenses.....	37 35
1438	..do..	V. R. Fleming.....	..do..	47 39
1439	..do..	H. C. Augustus.....	Land.....	20,000 00
1440	..do..	Alexander Lumber Co.....	Building material.....	4 48
1441	..do..	Bacon Brothers.....	Laboratory apparatus.....	1 38
1442	..do..	Cunningham Bros.....	General supplies.....	3 25
1443	..do..	Ernst Hertzberg & Sons.....	Books.....	34 70
1444	..do..	Martinus Nijhoff.....	..do..	82 61
1445	..do..	Chas. A. Hall Hardware Co.....	General supplies.....	2 45

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1913.				
1446	July 31	John H. Doyle.....	Fencing.....	\$ 6 00
1447	..do.	S. E. Huff & Co.....	Fixtures.....	2 75
1448	..do.	G. E. Stechert & Co.....	Books.....	1 40
1449	..do.	Norton Co.....	Laboratory apparatus.....	10 00
1450	..do.	W. M. Welch Co.....	Office equipment.....	16 87
1451	..do.	Herbert W. Mumford.....	Traveling expenses.....	11 14
1452	..do.	D. H. Stevenson.....	Field expenses.....	13 85
1453	..do.	Western Union Telegraph Co., Urbana.....	Messages.....	10 63
1454	..do.	International Magazine Co.....	Books.....	33 00
1455	..do.	Alexander H. Revell & Co.....	Furniture.....	51 20
1456	..do.	G. Gennert.....	Laboratory apparatus.....	2 75
1457	..do.	Eisner Grocery Co.....	General supplies.....	1 45
1458	..do.	American Building Association News.....	Books.....	3 50
1459	..do.	Thwing Instrument Co.....	Laboratory apparatus.....	208 40
1460	..do.	Mesdemoiselles Vesque.....	..do.....	56 65
1461	..do.	Otto Harrassowitz.....	Books.....	1 82
1462	..do.	Gustav Fock.....	..do.....	1 58
1463	..do.	Bernh. Liebisich.....	..do.....	4 16
1464	Aug 1	Illinois Central R. R. Co.....	Freight and express.....	15 77
1465	..do.	C. C., C. & St. L. Ry. Co.....	..do.....	5 08
1466	..do.	Wabash R. R., Urbana.....	..do.....	20 15
1467	..do.	E. H. Sargent & Co.....	Laboratory supplies.....	125 05
1468	..do.	The Taylor Hardware Co.....	Building material.....	6 44
1469	..do.	Merch & Co.....	Laboratory supplies.....	1 20
1470	..do.	J. W. Butler Paper Co.....	Envelopes.....	46 85
1471	..do.	Marshall Field & Co.....	Rugs.....	764 01
1472	..do.	Raymond B. Campbell.....	Office supplies.....	1 35
1473	..do.	Burroughs Adding Machine Co.....	Adding machine.....	498 75
1474	..do.	Urbana & Champaign Ry., Gas & Electric Co.....	General supplies.....	23 50
1475	..do.	Central Electric Co.....	Electrical supplies.....	6 65
1476	..do.	Bacon Brothers.....	Varnish remover.....	3 50
1477	..do.	General Electric Co.....	Laboratory apparatus.....	85 53
1478	..do.	The Crossley Machine Co.....	..do.....	900 00
1479	..do.	Keuffel & Esser Co.....	..do.....	131 75
1480	..do.	H. F. Chester.....	Coach.....	5 00
1481	..do.	W. S. Miller.....	Additional salary.....	50 00
1482	..do.	J. M. Smith.....	Dairy products furnished department of dairy husbandry.....	8 47
1483	..do.	Cora Stacker.....	..do.....	6 77
1484	..do.	W. H. Webb.....	..do.....	3 54
1485	..do.	G. C. Gordon.....	..do.....	11 20
1486	..do.	John McCullough.....	..do.....	26 12
1487	..do.	John Weiss.....	..do.....	20 96
1488	..do.	Robt. Graham.....	..do.....	3 75
1489	..do.	Mart Watterson.....	..do.....	2 87
1490	..do.	John Godsell.....	..do.....	1 88
1491	..do.	Geo. Schiff.....	..do.....	2 33
1492	..do.	J. M. Stickrod.....	..do.....	4 88
1493	..do.	Chas. Smith.....	..do.....	2 97
1494	..do.	A. G. Guard.....	..do.....	2 41
1495	..do.	B. Jordan.....	..do.....	2 66
1496	..do.	T. F. Jordan.....	..do.....	3 72
1497	..do.	J. D. Pittman.....	..do.....	1 46
1498	..do.	J. A. Daeger.....	..do.....	4 23
1499	..do.	T. A. McCracken.....	..do.....	3 19
1500	..do.	C. J. Gillespie.....	..do.....	3 22
1501	..do.	H. F. Ridgeley.....	..do.....	3 14
1502	..do.	A. J. Wright.....	..do.....	3 00
1503	..do.	Chas. Ross.....	..do.....	2 33
1504	..do.	C. M. Pfeister.....	..do.....	7 42
1505	..do.	J. M. Herriott.....	..do.....	2 69
1506	..do.	C. Luther.....	..do.....	3 83
1507	..do.	W. E. Heyer.....	..do.....	1 93
1508	..do.	G. C. Cochran.....	..do.....	2 26
1509	..do.	W. L. Davis.....	..do.....	3 33
1510	..do.	T. H. Richardson.....	..do.....	4 59
1511	..do.	Len Rayburn.....	..do.....	2 52
1512	..do.	C. Sadler.....	..do.....	1 06
1513	..do.	G. O. McMorris.....	..do.....	2 13
1514	..do.	J. H. Rutan.....	..do.....	2 27
1515	..do.	Wm. Case.....	..do.....	3 00
1516	..do.	C. J. VanHoltan.....	..do.....	2 86
1517	..do.	U. S. Geological Survey.....	Maps.....	36 00
1518	..do.	Merch & Co.....	Laboratory supplies.....	24 90
1519	..do.	Walker & Mulliken.....	Office equipment.....	107 24
1520	Aug. 2	M. S. Ketchum.....	Traveling expenses.....	86 45
1521	..do.	G. E. Stechert & Co.....	Books.....	197 34
1522	..do.	Tice & Lynch.....	Traveling expenses.....	21 75



## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1523	1913.	A. C. McClurg & Co.....	Books.....	\$ 2 25
1524	do.	Boston Book Co.....	do.	5 00
1525	do.	Ernst Hertzberg & Sons.....	do.	5 70
1526	do.	Callaghan & Co.....	do.	25 25
1527	do.	T. H. Flood & Co.....	do.	237 05
1528	do.	Paul Gottschalk.....	Dairy products furnished depart- ment of dairy husbandry.....	286 70
1529	do.	H. Wascher.....	do.	5 29
1530	do.	H. C. Kaufman.....	do.	1 77
1531	do.	David Wilkin.....	do.	1 20
1532	do.	J. H. Schwenkel.....	do.	1 80
1533	do.	R. S. McInness.....	do.	1 13
1534	do.	C. C. Gordon.....	do.	1 27
1535	do.	Leon Creiger.....	do.	2 69
1536	do.	E. Grove.....	do.	1 46
1537	do.	L. F. Lindsey.....	do.	1 29
1538	do.	G. H. Spencer.....	do.	4 23
1539	do.	Ed. Hucksins.....	do.	1 40
1540	do.	Grant Freeman.....	do.	3 02
1541	do.	J. D. Perham.....	do.	2 74
1542	do.	J. A. R. Koch.....	do.	2 97
1543	do.	E. P. Ott.....	do.	2 13
1544	do.	D. W. Shiveley.....	do.	4 03
1545	do.	W. J. Wilson.....	do.	2 16
1546	do.	James Fisher.....	do.	2 97
1547	do.	T. M. Ghare.....	do.	4 42
1548	do.	M. Leigh.....	do.	5 29
1549	do.	John Rueb.....	do.	2 83
1550	do.	E. R. Canady.....	do.	5 32
1551	do.	James Freeman.....	do.	2 83
1552	do.	Van Carter.....	do.	3 78
1553	do.	J. C. Schrook.....	do.	4 68
1554	do.	J. P. Yaezel.....	do.	3 00
1555	do.	L. G. VanBuskirk.....	do.	2 44
1556	do.	T. M. Guyun.....	do.	4 56
1557	do.	F. H. Bussey.....	do.	2 88
1558	do.	J. W. Wilsey.....	do.	2 10
1559	do.	C. H. Demlow.....	do.	3 19
1560	do.	L. W. Maxwell.....	do.	3 14
1561	Aug.	J. G. Mosier.....	Expenses.....	54 63
1562	do.	J. T. Alexander.....	do.	7 00
1563	do.	W. F. Fletcher.....	do.	6 42
1564	do.	H. P. Rusk.....	do.	12 99
1565	do.	Ellen M. Hentrott.....	do.	17 34
1566	do.	Florence E. Watson.....	do.	54 83
1567	do.	Cornelius Stocker.....	do.	12 50
1568	do.	Garfield Jones.....	do.	36 46
1569	do.	W. L. Gaines.....	do.	101 49
1570	do.	F. A. Pearson.....	do.	39 50
1571	do.	A. S. Ambrose.....	Wages, July, 1913.....	30 07
1572	do.	C. G. Cox.....	do.	34 30
1573	do.	C. E. Ping.....	do.	22 58
1574	do.	H. M. English.....	do.	22 40
1575	do.	Florence Stoutzenberg.....	do.	50 00
1576	do.	Ralph Morray.....	do.	50 00
1577	do.	B. S. Davison.....	do.	75 00
1578	do.	S. D. Kirkpatrick.....	do.	40 00
1579	do.	W. B. Newlin.....	do.	51 50
1580	do.	A. A. Odell.....	do.	66 63
1581	do.	C. I. Newlin.....	do.	37 50
1582	do.	Olive G. Reid.....	do.	50 00
1583	do.	J. E. Morgan.....	do.	6 80
1584	do.	Lucille Needham.....	do.	60 00
1585	do.	Horace Ingalls.....	do.	60 00
1586	do.	J. H. Cheekley.....	do.	83 33
1587	do.	E. A. White.....	do.	100 00
1588	do.	W. W. Yapp.....	do.	70 00
1589	do.	Ethel Sharp.....	do.	40 00
1590	do.	Lillian Pol.....	do.	50 00
1591	do.	Anna Crathorne.....	do.	50 00
1592	do.	Harley Foot.....	do.	55 00
1593	do.	C. T. Jangerich.....	do.	50 00
1594	do.	L. F. Burdick.....	do.	75 00
1595	do.	M. D. Rose.....	do.	52 50
1596	do.	Andrew Torunquist.....	do.	75 00
1597	do.	D. Vauble.....	do.	75 20
1598	do.	E. A. White.....	do.	12 00
1599	do.	James Boswell.....	do.	60 12
1600	do.	Martin Sandwell.....	do.	8 00

GENERAL UNIVERSITY VOUCHERS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
1601	Aug. 1913.	5 Frank Beach	Wages, July, 1913	\$ 43 75
1602	-do-	Forrest Bebb	-do-	29 00
1603	-do-	W. E. Golden	-do-	51 20
1604	-do-	W. B. Golden	-do-	51 20
1605	-do-	H. I. Hannah	-do-	50 30
1606	-do-	H. D. Brown	-do-	53 00
1607	-do-	Harry Mohlman	-do-	51 20
1608	-do-	H. A. Ruhe	Expenses	18 53
1609	-do-	B. S. Pickett	Supplies	2 85
1610	-do-	W. H. Smith	Expenses	8 74
1611	-do-	John Bramblean	Wages, July, 1913	30 45
1612	-do-	Thomas Butler	-do-	66 24
1613	-do-	Chas. Gundlock	-do-	24 00
1614	-do-	A. C. Speedie	-do-	28 40
1615	-do-	N. Maltz	-do-	28 80
1616	-do-	J. G. Roberts	-do-	31 50
1617	-do-	E. W. Mattoon	-do-	38 00
1618	-do-	Alpha Torquist	-do-	55 00
1619	-do-	Edward Brown	-do-	47 50
1620	-do-	E. T. Ebersole	-do-	60 00
1621	-do-	Fred Hawkins	-do-	47 50
1622	-do-	H. D. McQueen	-do-	47 50
1623	-do-	W. M. Mink	-do-	39 81
1624	-do-	G. C. Mink	-do-	39 81
1625	-do-	P. O. Moore	-do-	27 69
1626	-do-	Will Patterson	-do-	45 00
1627	-do-	M. F. Stives	-do-	47 50
1628	-do-	W. W. Trimble	-do-	38 07
1629	-do-	W. L. Bennett	-do-	51 20
1630	-do-	B. H. Dunlap	-do-	70 00
1631	-do-	J. M. Dunseath	-do-	60 00
1632	-do-	L. A. Hunter	-do-	40 00
1633	-do-	G. E. Mattoon	-do-	75 00
1634	-do-	G. F. Smalley	-do-	53 00
1635	-do-	W. H. Rayner	-do-	40 40
1636	-do-	R. E. Davis	-do-	84 50
1637	-do-	B. L. Bowling	-do-	78 00
1638	-do-	J. J. Kazar	-do-	83 33
1639	-do-	P. T. Gregory	-do-	6 75
1640	-do-	Willis Letiche	-do-	4 50
1641	-do-	Vera Bayer	-do-	2 75
1642	-do-	Marie A. Gordon	-do-	61 20
1643	-do-	R. Fergande	-do-	50 00
1644	-do-	R. W. Wilson	-do-	85 00
1645	-do-	L. W. Fisk	-do-	50 00
1646	-do-	F. G. Willson	-do-	100 00
1647	-do-	W. S. Goodspeed	-do-	100 00
1648	-do-	Bertha G. States	-do-	83 33
1649	-do-	Louise Lietz	-do-	50 00
1650	-do-	R. E. Davis	-do-	2 40
1651	-do-	W. H. Rayner	-do-	78 00
1652	-do-	Wes Wilson	-do-	81 50
1653	-do-	C. A. Brumley	-do-	4 00
1654	-do-	L. W. Rundles	-do-	14 00
1655	-do-	C. J. Rhea	-do-	17 25
1656	-do-	T. W. Dieckmann	-do-	18 75
1657	-do-	L. S. Baldwin	-do-	86 00
1658	-do-	H. F. Gonnerman	-do-	25 00
1659	-do-	J. M. Lindgren	-do-	68 00
1660	-do-	Burt Hays	-do-	30 00
1661	-do-	L. S. Baldwin	-do-	45 90
1662	-do-	C. A. Brumley	-do-	75 00
1663	-do-	H. F. Gonnerman	-do-	54 00
1664	-do-	Amos Wright	-do-	120 00
1665	-do-	E. B. Miliard	-do-	12 80
1666	-do-	J. D. Craig	-do-	54 00
1667	-do-	Chas. Gundlock	-do-	54 00
1668	-do-	Florence A. Nyberg	-do-	23 00
1669	-do-	Amos Wright	-do-	50 00
1670	-do-	Wes Wilson	-do-	12 80
1671	-do-	C. R. Nickolls	-do-	7 60
1672	-do-	J. J. Herbert	-do-	51 60
1673	-do-	W. W. Miller	-do-	85 00
1674	-do-	Otis Ketcher	-do-	50 00
1675	-do-	J. F. Gauger	-do-	12 90
1676	-do-	S. C. Taylor	-do-	60 00
1677	-do-	Charles Palmer	-do-	60 00
1678	-do-	E. E. Holman	-do-	40 00
1679	-do-	V. R. Fleming	-do-	30 00
	-do-		-do-	100 00

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1680	1913. Aug.	5 C. R. Newell	Wages, July, 1913	\$ 75 00
1681	do.	Garm Norbury	do.	25 00
1682	do.	R. A. Dutcher	do.	70 00
1683	do.	Clarence School	do.	60 00
1684	do.	F. W. Tanner	do.	46 67
1685	do.	John Bramigan	do.	1 75
1686	do.	Martin Sandwell	do.	4 40
1687	do.	Elizabeth Muhlemann	do.	11 67
1688	do.	H. J. Vanderbeek	Dairy products furnished depart- ment of dairy husbandry	37 26
1689	do.	L. H. Besore	do.	1 22
1690	do.	Geo. Schiff	do.	3 89
1691	do.	Fred Thompson	do.	1 18
1692	do.	H. I. Nelson	do.	1 76
1693	do.	G. M. Seeber	do.	11 14
1694	do.	Chas. Smith	do.	2 93
1695	do.	A. R. Grindley	do.	5 23
1696	do.	A. Kroner	do.	4 40
1697	do.	A. J. Wright	do.	2 13
1698	do.	Len Rayburn	do.	2 04
1699	do.	C. Abbott	do.	1 37
1700	do.	Frank Knox	do.	4 09
1701	do.	Andrew Shields	do.	3 72
1702	do.	Thos. Richards	do.	4 90
1703	do.	C. M. Van Meter	do.	2 04
1704	do.	B. Jordan	do.	5 54
1705	do.	P. F. Jordan	do.	6 13
1706	do.	Geo. Harriott	do.	3 39
1707	do.	C. J. Gillespie	do.	5 63
1708	do.	C. Ross	do.	1 29
1709	do.	Frank Hetro	do.	3 84
1710	do.	J. H. Cornett	do.	1 26
1711	do.	Wm. Leishner	do.	3 85
1712	do.	W. S. Hanley	do.	1 85
1713	do.	Frank Shefer	do.	2 44
1714	do.	H. H. Krukewitt	do.	3 72
1715	do.	C. Luther	do.	4 82
1716	do.	W. A. Coonce	do.	2 88
1717	do.	C. R. Newell	Expenses	6 50
1718	do.	Stephen Rogers	do.	113 30
1719	do.	Orr M. Allyn	do.	6 30
1720	do.	S. W. Beyer	do.	22 71
1721	do.	Allen F. Moore	do.	156 07
1722	do.	English Brothers, Contractors	Third payment on contract	5, 183 31
1723	do.	Ralph Hilscher	Expenses	24 38
1724	do.	Paul Hansen	do.	49 41
1725	do.	E. A. White	do.	8 60
1726	Aug.	6 M. Hudson	Dairy products furnished depart- ment of dairy husbandry	1 54
1727	do.	H. Wascher	do.	7 41
1728	do.	J. M. Stickrod	do.	6 08
1729	do.	Lon Creiger	do.	3 28
1730	do.	S. Gulim	do.	1 39
1731	do.	David Wilkin	do.	1 74
1732	do.	C. C. Gordon	do.	1 94
1733	do.	E. Grove	do.	2 07
1734	do.	Ralph Smith	do.	1 15
1735	do.	O. A. McInness	do.	1 08
1736	do.	R. S. McInness	do.	2 13
1737	do.	A. J. Putscher	do.	1 66
1738	do.	G. F. Dielebach	do.	2 79
1739	do.	H. C. Kaufman	do.	3 28
1740	do.	J. H. Schwengel	do.	3 28
1741	do.	P. P. Dunn	do.	2 41
1742	do.	J. F. Hoy	do.	2 49
1743	do.	L. F. Lindsey	do.	1 07
1744	do.	R. A. Lumsden	do.	1 31
1745	do.	W. F. Hampton	do.	1 52
1746	do.	H. Cherry	do.	2 13
1747	do.	Nicholas Hahn	do.	3 16
1748	do.	Z. Alsip	do.	4 17
1749	do.	E. R. Canady	do.	4 17
1750	do.	J. J. Cender	do.	4 82
1751	do.	F. C. Stevenson	do.	2 74
1752	do.	W. E. Yount	do.	6 83
1753	do.	P. S. Umbanhowar	do.	3 83
1754	do.	Mrs. S. G. Richards	do.	1 68
1755	do.	J. A. R. Koch	do.	4 09
1756	do.	M. Leigh	do.	3 33

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
1757	Aug. 6	W. E. Womacks	Dairy products furnished department of dairy husbandry	\$ 2 74
1758	do	W. J. Wilson	do	2 52
1759	do	M. Cherry	do	3 75
1760	do	T. A. McCracken	do	3 22
1761	do	J. M. Herriott	do	3 02
1762	do	H. G. Moorehouse	do	2 77
1763	do	P. J. Wagner	do	4 79
1764	do	John Rueb	do	2 72
1765	do	J. H. Umbanhowar	do	4 09
1766	do	Daniel Hahn	do	4 42
1767	do	R. W. Brewer	do	1 85
1768	do	Ed. Heppie	do	3 61
1769	do	F. H. Busey	do	4 93
1770	do	G. W. Miller	do	3 53
1771	do	Pearl Hazen	do	5 38
1772	do	C. M. Pfeister	do	5 29
1773	do	C. A. Fogel	do	4 87
1774	do	T. H. Richardson	do	3 42
1775	do	W. T. Hobeson	do	2 91
1776	do	I. W. Maxwell	do	2 88
1777	do	Hoskins Mfg. Co.	Supplies	38 75
1778	do	E. H. Sargent & Co.	do	46 50
1779	do	American Blower Co.	Model	118 23
1780	do	The Linde Air Products Co.	Oxygen	3 00
1781	do	W. W. & E. D. Hanes' Meat Market	Meat	2 75
1782	do	Kelley Shoe Store	do	5 00
1783	do	Mittendorf & Kiler	Supplies	215 08
1784	do	National Engraving Co.	Half tones	82 15
1785	do	National Conference on Marketing and Farm Credits	Books	3 00
1786	do	Chicago Flexible Shaft Co.	Furnace	64 50
1787	do	Crerar, Adams & Co.	Supplies	5 07
1788	do	Westinghouse Electric & Mfg. Co.	Repairing	7 70
1789	do	C. C. Logan	Expenses	75 08
1790	do	Chas. H. Besly & Co.	Supplies	4 05
1791	do	The Albert Dickinson Co.	do	46 35
1792	do	E. T. Benjamin	do	1 85
1793	do	Twin City Ice & Cold Storage Co.	Ice	4 00
1794	do	Illinois Press Clipping Bureau	Clippings	5 00
1795	do	Bausch & Lomb Optical Co.	Supplies	47 70
1796	do	A. E. Keys, Contractor	Payment on contract	220 00
1797	do	Ideal Electric Co.	Supplies	10 92
1798	do	General Electric Co.	do	7 40
1799	do	J. W. Stipes	Labor and material	376 75
1800	do	The Burr Co.	Hardware	52 61
1801	do	Western Electric Co.	Supplies	23 58
1802	do	Paul Gottschalk	Books	826 50
1803	Aug. 7	Laura B. Evans	Expenses	112 12
1804	do	Herrick & Stoltey	Service	7 00
1805	do	Geo. E. Frazer	Expenses	35 04
1806	do	Albert Tate	Labor and material	93 50
1807	do	R. R. Root	Expenses	6 40
1808	do	F. A. C. Smith	do	4 20
1809	do	S. E. Huff & Co.	Lumber	4 55
1810	do	Mary E. Busey	Expenses	13 14
1811	do	University of Kansas Fowler Shops Department	Pipette holder	16 75
1812	Aug. 8	John H. Doyle	Supplies	6 00
1813	do	The Burr Co.	Hardware	3 75
1814	do	Irving-Pitt Mfg. Co.	Supplies	11 14
1815	do	The Miller Harness Co.	Harness repairs	1 60
1816	do	Reliable Plumbing & Heating Co.	Hardware	1 98
1817	do	J. Horace McFarland Co.	Supplies	50 00
1818	do	A. C. McClurg & Co.	Books	63 27
1819	do	Illinois State Reformatory	Printing	49 75
1820	do	L. C. Smith & Bros. Typewriter Co.	Machines	130 00
1821	do	Machinists Supply Co.	Supplies	55 25
1822	do	Crosby Steam Gage & Valve Co.	do	17 30
1823	do	Trust Co. & Savings Bank Sections, American Bankers Assn.	Books	27 00
1824	do	Southern Illinois Penitentiary	Limestone dust	44 50
1825	do	Thomas E. Marr & Son	Print	3 00
1826	do	Holstein-Friesian Assn. of America	Registration	4 00
1827	do	People's Cooperative Co.	Supplies	1 90
1828	do	Sherwin-Williams Co.	Paint	18 05
1829	do	O. W. Hampton	Dairy products furnished department of dairy husbandry	1 42
1830	do	J. E. Henderson	do	1 79

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
1831	Aug. 8	C. Allen.....	Dairy products furnished department of dairy husbandry.....	\$ 2 01
1832	..do....	John Godsell.....	..do....	1 89
1833	..do....	Chas. Smith.....	..do....	2 43
1834	..do....	Geo. Schiff.....	..do....	2 88
1835	..do....	C. J. Gillespie.....	..do....	2 69
1836	..do....	Geo. Herriott.....	..do....	5 04
1837	..do....	Geo. Osborn.....	..do....	5 54
1838	..do....	Wm. Case.....	..do....	4 14
1839	..do....	C. Ross.....	..do....	2 07
1840	..do....	H. F. Ridgeley.....	..do....	2 24
1841	..do....	B. Jordan.....	..do....	4 14
1842	..do....	T. F. Jordan.....	..do....	3 84
1843	..do....	John Ingelman.....	..do....	5 07
1844	..do....	D. W. Shiveley.....	..do....	5 29
1845	..do....	A. W. McJilton.....	..do....	3 22
1846	Aug. 9	G. W. Pickels.....	Wages, July, 1913.....	67 98
1847	..do....	Zeliaette Troy.....	..do....	55 00
1848	..do....	Lilla M. Alexander.....	..do....	60 00
1849	..do....	Hazel Shaw.....	..do....	60 00
1850	..do....	Alice L. Wing.....	..do....	37 41
1851	..do....	Helen Wilkinson.....	..do....	55 00
1852	..do....	Florence Grabbe.....	..do....	40 00
1853	..do....	A. Bagusin.....	..do....	15 00
1854	..do....	Flora Case.....	..do....	90 00
1855	..do....	Bertha Sharp.....	..do....	55 00
1856	..do....	A. C. McClurg & Co.....	Book.....	1 80
1857	..do....	Illinois Press Clipping Bureau.....	Clipping service.....	5 00
1858	..do....	The Boston Book Co.....	Books.....	87 00
1859	..do....	G. W. Sheldon & Co.....	Service.....	17 23
1860	..do....	J. V. Stevenson.....	Speaking.....	10 00
1861	Aug. 11	T. P. Lyon.....	Dairy products furnished department of dairy husbandry.....	3 04
1862	..do....	H. Wascher.....	..do....	3 90
1863	..do....	Roy Douglas.....	..do....	1 61
1864	..do....	H. C. Kaufman.....	..do....	1 91
1865	..do....	R. S. McInness.....	..do....	1 13
1866	..do....	C. C. Gordon.....	..do....	1 14
1867	..do....	Lou Creiger.....	..do....	2 32
1868	..do....	E. Grove.....	..do....	1 96
1869	..do....	Pearl Eyler.....	..do....	3 44
1870	..do....	R. A. Lumsden.....	..do....	1 18
1871	..do....	L. F. Lindsey.....	..do....	1 51
1872	..do....	M. Hudson.....	..do....	1 48
1873	..do....	J. H. Schwengel.....	..do....	2 34
1874	..do....	A. J. Putscher.....	..do....	1 23
1875	..do....	G. F. Diefenbach.....	..do....	1 29
1876	..do....	J. D. Perham.....	..do....	3 95
1877	..do....	J. F. Hubbard.....	..do....	1 96
1878	..do....	Frank Hetro.....	..do....	3 98
1879	..do....	Len Rayburn.....	..do....	2 27
1880	..do....	T. M. Ghere.....	..do....	4 26
1881	..do....	James Freeman.....	..do....	2 63
1882	..do....	James Fisher.....	..do....	3 28
1883	..do....	W. D. Rohl.....	..do....	5 18
1884	..do....	Van Carter.....	..do....	3 72
1885	..do....	Frank Knox.....	..do....	4 37
1886	..do....	H. H. Krukewitt.....	..do....	2 88
1887	..do....	John Rueb.....	..do....	2 58
1888	..do....	J. H. Umbanhowar.....	..do....	4 37
1889	..do....	F. H. Busey.....	..do....	2 77
1890	..do....	M. Leigh.....	..do....	3 02
1891	..do....	W. E. Satterfield.....	..do....	4 84
1892	..do....	C. A. Fogel.....	..do....	2 41
1893	..do....	Chas. Sadler.....	..do....	1 51
1894	..do....	E. P. Ott.....	..do....	2 18
1895	..do....	G. L. Van Buskirk.....	..do....	2 18
1896	..do....	C. J. Von Holten.....	..do....	3 64
1897	..do....	I. W. Maxwell.....	..do....	2 30
1898	..do....	J. W. Willsey.....	..do....	3 36
1899	..do....	J. P. Coyle.....	Salary, summer session, 1913.....	100 00
1900	..do....	Bronson Barlow.....	Balance of salary for July, 1913.....	100 00
1901	..do....	J. L. Edmonds.....	Expenses.....	13 44
1902	..do....	Harrison Fahrnkopf.....	..do....	13 17
1903	..do....	A. F. Gustafson.....	..do....	34 58
1904	..do....	Ernst Hertzberg & Sons.....	Bookbinding.....	10 89
1905	..do....	J. H. Checkley.....	Expenses.....	15 00
1906	..do....	Garfield Jones.....	..do....	17 27
1907	..do....	N. H. Shields, Contractor.....	Payment on contract.....	4,993 51

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1913.				
1908	Aug. 12	H. I. Nelson.....	Dairy products furnished depart- ment dairy husbandry.....	\$ 2 39
1909	..do....	A. R. Grindley.....	..do.....	4 56
1910	..do....	Geo. Schiff.....	..do.....	3 53
1911	..do....	E. F. Lyon.....	..do.....	1 23
1912	..do....	Chas. Smith.....	..do.....	2 40
1913	..do....	Ralph Smith.....	..do.....	1 18
1914	..do....	G. M. Seeber.....	..do.....	12 60
1915	..do....	C. J. Gillespie.....	..do.....	8 06
1916	..do....	T. A. McCracken.....	..do.....	3 84
1917	..do....	Wm. Leischner.....	..do.....	2 94
1918	..do....	C. Luther.....	..do.....	6 66
1919	..do....	C. Ross.....	..do.....	2 52
1920	..do....	B. Jordan.....	..do.....	3 19
1921	..do....	T. F. Jordan.....	..do.....	5 21
1922	..do....	L. F. Bialeschski.....	..do.....	3 11
1923	..do....	T. M. Guynn.....	..do.....	4 28
1924	..do....	W. E. Heyer.....	..do.....	1 76
1925	..do....	J. C. Shrock.....	..do.....	4 42
1926	..do....	W. S. Hanley.....	..do.....	1 88
1927	..do....	Andrew Shields.....	..do.....	4 87
1928	..do....	Wm. C. Gulick.....	..do.....	3 78
1929	..do....	W. L. Davis.....	..do.....	3 74
1930	..do....	G. W. Miller.....	..do.....	3 19
1931	..do....	W. T. Hobeson.....	..do.....	3 33
1932	..do....	E. A. White.....	Expenses.....	6 25
1933	..do....	N. Hay.....	..do.....	3 83
1934	..do....	K. Schneider.....	..do.....	28 24
1935	..do....	English Brothers, Contractors.....	Payment on contract.....	5, 100 43
1936	..do....	L. D. Coffman.....	Expenses.....	11 44
1937	..do....	Harry F. Ferguson.....	..do.....	35 90
1938	..do....	A. F. Gustafson.....	..do.....	34 60
1939	..do....	Harrison Fahrnkopf.....	..do.....	32 84
1940	..do....	O. M. McGhee.....	..do.....	18 35
1941	..do....	A. F. Heck.....	..do.....	16 28
1942	..do....	H. J. Snider.....	..do.....	19 63
1943	..do....	R. W. Dickenson.....	..do.....	36 91
1944	..do....	F. W. Gault.....	..do.....	97 15
1945	..do....	A. E. Morris.....	Field expenses.....	103 00
1946	..do....	Morava Construction Co.....	Payment on contract.....	660 00
1947	..do....	W. H. Smith.....	Expenses.....	8 45
1948	Aug. 13	H. C. Kaufman.....	Dairy products furnished depart- ment dairy husbandry.....	2 61
1949	..do....	J. F. Hoy.....	..do.....	1 27
1950	..do....	J. E. Henderson.....	..do.....	1 86
1951	..do....	Fred Thompson.....	..do.....	1 36
1952	..do....	Roy Douglas.....	..do.....	1 91
1953	..do....	J. H. Schwengel.....	..do.....	3 33
1954	..do....	S. Gutnn.....	..do.....	2 18
1955	..do....	E. J. Percival.....	..do.....	1 23
1956	..do....	E. Grove.....	..do.....	1 64
1957	..do....	Lou Creiger.....	..do.....	3 36
1958	..do....	W. F. Hampton.....	..do.....	2 03
1959	..do....	R. A. Lumsden.....	..do.....	1 37
1960	..do....	C. C. Gordon.....	..do.....	1 40
1961	..do....	R. S. McInness.....	..do.....	1 61
1962	..do....	David Wilkin.....	..do.....	2 31
1963	..do....	M. Hudson.....	..do.....	1 27
1964	..do....	O. A. McInness.....	..do.....	1 03
1965	..do....	P. P. Dunn.....	..do.....	1 65
1966	..do....	G. F. Diefenbach.....	..do.....	1 50
1967	..do....	L. F. Lindsey.....	..do.....	1 25
1968	..do....	John Ingelman.....	..do.....	4 84
1969	..do....	F. C. Stevenson.....	..do.....	2 45
1970	..do....	J. P. Yeazel.....	..do.....	3 30
1971	..do....	W. J. Wilson.....	..do.....	3 44
1972	..do....	D. W. Shiveley.....	..do.....	5 04
1973	..do....	Nicholas Hahn.....	..do.....	6 24
1974	..do....	G. H. Spencer.....	..do.....	5 80
1975	..do....	W. E. Womacks.....	..do.....	2 52
1976	..do....	Ed. Huckins.....	..do.....	1 51
1977	..do....	John Rueb.....	..do.....	2 83
1978	..do....	Pearl Hazen.....	..do.....	3 39
1979	..do....	J. A. R. Koch.....	..do.....	5 66
1980	..do....	David Hahn.....	..do.....	4 68
1981	..do....	J. H. Umbanhowar.....	..do.....	4 20
1982	..do....	M. Cherry.....	..do.....	2 55
1983	..do....	W. E. Yount.....	..do.....	5 91
1984	..do....	E. R. Canady.....	..do.....	5 07

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
1985	Aug. 13	S. T. Carter.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 3 81
1986	do.....	Wm. Case.....	do.....	2 16
1987	do.....	F. H. Busey.....	do.....	4 14
1988	do.....	C. M. VanMeter.....	do.....	2 77
1989	do.....	C. A. Fogel.....	do.....	3 30
1990	do.....	P. J. Wagner.....	do.....	6 13
1991	do.....	Len Rayburn.....	do.....	2 52
1992	do.....	J. M. Herriott.....	do.....	3 25
1993	do.....	Geo. Herriott.....	do.....	6 84
1994	do.....	H. F. Ridgeley.....	do.....	2 58
1995	do.....	C. E. Smoot.....	do.....	3 05
1996	do.....	G. O. McMorris.....	do.....	2 60
1997	do.....	A. W. McJilton.....	do.....	3 36
1998	do.....	J. A. Daeger.....	do.....	3 56
1999	do.....	C. W. Pfister.....	do.....	6 05
2000	do.....	T. H. Richardson.....	do.....	4 31
2001	do.....	Pantagraph Printing & Stationery Co.....	Printing.....	130 21
2002	do.....	E. M. Moll.....	Oil.....	2 95
2003	do.....	Twin City Ice & Cold Storage Co.....	Ice.....	10 00
2004	do.....	O. E. Staples, Bursar.....	Sundry bills paid.....	334 63
2005	do.....	O. E. Staples, Bursar.....	Rebates.....	84 00
2006	do.....	The Burr Co.....	Supplies.....	33 20
2007	do.....	Peck & Hills.....	Furniture.....	218 50
2008	do.....	The Taylor Hardware Co.....	Hardware.....	28 54
2009	do.....	Alberene Stone Co.....	Stone top.....	11 00
2010	do.....	Merck & Co.....	Supplies.....	16 45
2011	do.....	Central Electric Co.....	do.....	12 99
2012	do.....	General Electric Co.....	do.....	87 87
2013	do.....	Williams Bros.....	do.....	6 30
2014	do.....	Shaw-Walker Co.....	do.....	101 23
2015	do.....	Illinois State Reformatory.....	Printing.....	117 80
2016	do.....	J. B. Lyon Co.....	Subscription.....	3 50
2017	do.....	Vaughan's Seed Store.....	Seeds.....	6 42
2018	do.....	F. K. Robeson.....	Merchandise.....	15 09
2019	do.....	Champaign Seed Co.....	Supplies.....	22 20
2020	do.....	American Multigraph Sales Co.....	Ribbons.....	4 50
2021	do.....	The J. H. Day Co.....	Supplies.....	80 00
2022	do.....	University Club of Champaign & Urbana.....	Room and meals.....	6 00
2023	do.....	Dryer & Burt.....	Corn.....	249 50
2024	do.....	Max A. Montgomery.....	First payment, Plym fellowship.....	400 00
2025	Aug. 14	C. C. C. & St. L. Ry. Co.....	Freight.....	20 56
2026	do.....	Ideal Electric Co.....	Supplies.....	1 75
2027	do.....	J. W. Butler Paper Co.....	Paper.....	52 87
2028	do.....	Champaign Steam Laundry.....	Washing.....	7 80
2029	do.....	D. H. Lloyd.....	Supplies.....	5 10
2030	do.....	The Burr Co.....	do.....	2 35
2031	do.....	John Harp.....	Labor.....	33 00
2032	do.....	Twin City Creamery Co.....	Butter.....	25 48
2033	do.....	Percy Ash.....	Expenses.....	52 40
2034	do.....	G. Young, Jr.....	do.....	66 08
2035	do.....	Chas. B. Sayre.....	do.....	4 46
2036	do.....	S. V. Holt.....	do.....	58 37
2037	do.....	F. A. Fisher.....	do.....	31 22
2038	do.....	H. C. Gilkerson.....	do.....	49 79
2039	do.....	F. W. Wascher.....	do.....	52 07
2040	do.....	J. H. Waganack.....	Harrow.....	4 50
2041	do.....	F. K. Robeson.....	Bags.....	90 00
2042	Aug. 15	H. Wascher.....	Dairy products furnished depart- ment dairy husbandry.....	9 64
2043	do.....	C. Allen.....	do.....	1 61
2044	do.....	J. M. Stieckrod.....	do.....	5 24
2045	do.....	Geo. Schiff.....	do.....	3 39
2046	do.....	I. H. Besore.....	do.....	1 42
2047	do.....	Chas. Smith.....	do.....	2 10
2048	do.....	J. D. Pittman.....	do.....	1 32
2049	do.....	C. J. Gillespie.....	do.....	3 75
2050	do.....	Grant Freeman.....	do.....	2 86
2051	do.....	John Englehardt.....	do.....	11 37
2052	do.....	T. F. Jordan.....	do.....	3 67
2053	do.....	C. Ross.....	do.....	1 04
2054	do.....	R. Jordan.....	do.....	3 39
2055	do.....	A. Kroner.....	do.....	4 12
2056	do.....	Chas. Sadler.....	do.....	1 48
2057	do.....	Frank Knox.....	do.....	4 62
2058	do.....	J. W. Willsey.....	do.....	3 53
2059	do.....	Chas. L. Parsons, Secretary.....	Reprints.....	8 10
2060	do.....	G. W. Sheldon & Co.....	Service.....	16 98
2061	do.....	General Electric Co.....	Supplies.....	269 40

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
2062	Aug. 15	Shaw-Walker Co.	Supplies.	\$ 31 44
2063	..do.	Alexander Lumber Co.	Lumber.	3 53
2064	..do.	The Ashcroft Mfg. Co.	Indicator.	16 52
2065	..do.	D. R. Lee.	Straw.	80 55
2066	..do.	Geo. M. Clark & Co.	Stoves.	48 00
2067	..do.	The Boston Book Co.	Books.	48 00
2068	..do.	Martinus Nijhoff.	..do.	37 16
2069	..do.	Ernst Hertzberg & Sons.	Book binding.	2 38
2070	..do.	B. A. Strauch.	Prints.	6 40
2071	..do.	Sheldon Brick Co.	Bricks.	8 50
2072	..do.	Chicago Paper Co.	Envelopes.	55 41
2073	..do.	The American Multigraph Sales Co.	Ink.	1 00
2074	..do.	The Taylor Hardware Co.	Rope.	7 25
2075	..do.	U. & C. Railway, Gas & Electric Co.	Fan.	13 50
2076	..do.	Mittendorf & Klier.	Merchandise.	20 48
2077	..do.	A. C. McClurg & Co.	Books.	4 20
2078	..do.	Western Electric Co.	Supplies.	5 68
2079	..do.	C. W. Hunt Co., Inc.	Valve.	18 00
2080	..do.	The Burr Co.	Hardware.	2 91
2081	..do.	Stipes & Hecker.	Supplies.	3 75
2082	..do.	The Fritz Mfg. Co.	Furniture.	130 15
2083	..do.	F. M. Leslie.	Frames.	16 25
2084	..do.	M. S. Sanchez.	Books.	20 00
2085	..do.	G. E. Stechert & Co.	..do.	62 66
2086	..do.	Harris-Dillavou & Co.	Cement and sand.	6 73
2087	..do.	Alexander Lumber Co.	Lath.	1 35
2088	..do.	Young & Sons.	Repairs.	31 02
2089	..do.	W. & L. E. Gurley.	Repairing, etc.	41 70
2090	..do.	Bausch & Lomb Optical Co.	Repairs.	34 00
2091	..do.	W. Lewis & Co.	Shades.	2 00
2092	..do.	H. H. Stook.	Expenses.	152 31
2093	..do.	French Battery & Carbon Co.	Batteries.	21 00
2094	..do.	R. W. Braithwaite, V. S.	Supplies.	1 80
2095	..do.	The Burr Co.	..do.	5 38
2096	..do.	Clearing House Section, American Bank- ers Assn.	Book.	5 00
2097	..do.	George Strode.	Awnings.	9 50
2098	..do.	Chicago Steel Tape Co.	Repairs.	32 71
2099	..do.	C. L. Berger & Sons.	..do.	127 40
2100	..do.	B. A. Strauch.	Photographs.	1 00
2101	..do.	James G. Biddle.	Induction coil.	163 80
2102	Aug. 16	W. H. Webb.	Dairy products furnished depart- ment dairy husbandry.	1 10
2103	..do.	John McCullough.	..do.	15 88
2104	..do.	G. C. Gordon.	..do.	5 61
2105	..do.	Cora Stacker.	..do.	3 22
2106	..do.	R. W. Graham.	..do.	2 79
2107	..do.	E. Grove.	..do.	2 17
2108	..do.	Lou Creiger.	..do.	2 32
2109	..do.	G. M. Seeber.	..do.	7 22
2110	..do.	Ralph Smith.	..do.	1 29
2111	..do.	J. H. Schwengel.	..do.	2 55
2112	..do.	A. J. Putscher.	..do.	1 60
2113	..do.	L. F. Lindsey.	..do.	1 61
2114	..do.	T. P. Lyon.	..do.	1 90
2115	..do.	David Wilkin.	..do.	1 01
2116	..do.	Mart Watterson.	..do.	3 05
2117	..do.	C. C. Gordon.	..do.	1 84
2118	..do.	G. F. Diefenbach.	..do.	1 08
2119	..do.	W. H. Frame.	..do.	3 33
2120	..do.	H. C. Kaufman.	..do.	1 77
2121	..do.	E. R. Canady.	..do.	3 19
2122	..do.	G. L. VanBuskirk.	..do.	2 27
2123	..do.	Van Carter.	..do.	3 89
2124	..do.	W. J. Wilson.	..do.	1 54
2125	..do.	H. J. Moorehouse.	..do.	2 91
2126	..do.	A. J. Krukewitt.	..do.	3 30
2127	..do.	H. H. Krukewitt.	..do.	4 06
2128	..do.	M. Leigh.	..do.	7 14
2129	..do.	W. D. Rohl.	..do.	3 14
2130	..do.	James Freeman.	..do.	2 32
2131	..do.	John Rueb.	..do.	3 14
2132	..do.	Ed Heppe.	..do.	3 47
2133	..do.	Mrs. S. G. Richards.	..do.	2 12
2134	..do.	H. F. Ridgeley.	..do.	2 80
2135	..do.	W. E. Womacks.	..do.	2 41
2136	..do.	Zillah Whitehead.	..do.	2 42
2137	..do.	T. M. Ghere.	..do.	4 59
2138	..do.	Geo. Herriott.	..do.	4 12



## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
2139	1913. Aug. 16	Geo. Osborn.....	Dairy products furnished depart- ment dairy husbandry.....	\$ 5 40
2140	do.....	E. P. Ott.....	do.....	3 02
2141	do.....	Frank Hetro.....	do.....	4 37
2142	do.....	R. W. Brewer.....	do.....	2 30
2143	do.....	F. H. Bussey.....	do.....	2 66
2144	do.....	James Fisher.....	do.....	3 08
2145	do.....	C. Luther.....	do.....	5 56
2146	do.....	C. A. Fogel.....	do.....	2 41
2147	do.....	S. Atchison.....	do.....	1 40
2148	do.....	Earl Mayer.....	do.....	3 11
2149	do.....	I. W. Maxwell.....	do.....	3 53
2150	do.....	John Harp, Contractor.....	Grading.....	300 00
2151	Aug. 18	Williams Bros. Contractors.....	Painting Commerce Building.....	1, 149 60
2152	do.....	C. E. Durst.....	Lecturing and teaching.....	37 50
2153	do.....	J. S. Bole.....	do.....	37 50
2154	Aug. 19	A. R. Grindley.....	Dairy products furnished depart- ment dairy husbandry.....	4 37
2155	do.....	H. Wascher.....	do.....	5 15
2156	do.....	Chas. Smith.....	do.....	5 15
2157	do.....	Geo. Schuff.....	do.....	2 37
2158	do.....	A. G. Guard.....	do.....	4 37
2159	do.....	Wm. C. Gulick.....	do.....	1 62
2160	do.....	C. Ross.....	do.....	4 98
2161	do.....	B. Jordan.....	do.....	2 04
2162	do.....	D. W. Shiveley.....	do.....	3 28
2163	do.....	Geo. Herriott.....	do.....	3 78
2164	do.....	J. M. Herriott.....	do.....	3 70
2165	do.....	W. S. Hanley.....	do.....	2 88
2166	do.....	W. A. Coonce.....	do.....	1 71
2167	do.....	Andrew Shields.....	do.....	2 45
2168	do.....	T. F. Jordan.....	do.....	3 85
2169	do.....	T. J. Cender.....	do.....	4 45
2170	do.....	T. A. McCracken.....	do.....	4 96
2171	do.....	W. E. Heyer.....	do.....	3 33
2172	do.....	G. W. Miller.....	do.....	1 60
2173	do.....	J. W. Wilsey.....	do.....	4 03
2174	do.....	W. T. Hobeson.....	do.....	3 42
2175	do.....	Robert Ridgway.....	do.....	3 30
2176	do.....	John H. Doyle.....	Book.....	8 10
2177	do.....	Peck & Hills Furniture Co.....	Hardware.....	3 60
2178	do.....	Chicago Paper Co.....	Furniture.....	1 45
2179	do.....	R. W. Braithwaite, V. S.....	Envelopes.....	227 50
2180	do.....	Walker & Milken.....	Services.....	97 62
2181	do.....	B. A. Stranch.....	Framing.....	1 50
2182	do.....	Alexander Lumber Co.....	Furniture.....	17 50
2183	do.....	Illinois State Reformatory.....	Developing.....	312 35
2184	do.....	F. A. Pearson.....	Apparatus.....	1 20
2185	do.....	R. S. Hulce.....	Lumber.....	17 25
2186	do.....	C. A. Campbell.....	Printing.....	67 85
2187	do.....	A. F. Heck.....	Expenses.....	25 59
2188	do.....	do.....	do.....	2 69
2189	do.....	do.....	do.....	19 13
2190	do.....	do.....	do.....	16 05
2191	Aug. 21	Ralph Smith.....	Dairy products furnished depart- ment dairy husbandry.....	1 54
2192	do.....	C. C. Gordon.....	do.....	2 31
2193	do.....	H. I. Nelson.....	do.....	3 20
2194	do.....	H. C. Kaufman.....	do.....	4 01
2195	do.....	S. Guinn.....	do.....	4 76
2196	do.....	R. S. McInness.....	do.....	3 05
2197	do.....	J. E. Henderson.....	do.....	1 82
2198	do.....	G. F. Dielenbach.....	do.....	1 88
2199	do.....	L. F. Lindsey.....	do.....	1 94
2100	do.....	R. A. Lumsden.....	do.....	1 66
2101	do.....	J. F. Hoy.....	do.....	1 59
2202	do.....	J. H. Schwenkel.....	do.....	3 22
2203	do.....	E. F. Lyon.....	do.....	1 94
2204	do.....	Lou Creiker.....	do.....	3 11
2205	do.....	David Wilkin.....	do.....	1 34
2206	do.....	E. Grove.....	do.....	2 99
2207	do.....	P. P. Dunn.....	do.....	1 85
2208	do.....	M. Hudson.....	do.....	1 31
2209	do.....	M. Cherry.....	do.....	2 35
2210	do.....	E. R. Canady.....	do.....	2 30
2211	do.....	Wm. Case.....	do.....	3 16
2212	do.....	F. C. Stevenson.....	do.....	2 52
2213	do.....	W. L. Davis.....	do.....	4 28
2214	do.....	John Rueb.....	do.....	2 91

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1913.				
2215	Aug. 21	Geo. Osborn.....	Dairy products furnished department of dairy husbandry.....	\$ 5 71
2216	..do....	P. J. Wagner.....	..do....	5 54
2217	..do....	David Hahn.....	..do....	3 33
2218	..do....	Z. Alsip.....	..do....	1 54
2219	..do....	F. W. Howell.....	..do....	1 18
2220	..do....	J. H. Umbanhowar.....	..do....	4 03
2221	..do....	H. Cherry.....	..do....	1 85
2222	..do....	G. H. Spencer.....	..do....	3 11
2223	..do....	C. A. Fogel.....	..do....	3 05
2224	..do....	Frank Knox.....	..do....	5 10
2225	..do....	W. E. Yount.....	..do....	6 38
2226	..do....	J. A. R. Koch.....	..do....	4 51
2227	..do....	Nicholas Hahn.....	..do....	5 35
2228	..do....	W. C. Womacks.....	..do....	1 18
2229	..do....	W. J. Wilson.....	..do....	2 83
2230	..do....	F. H. Busey.....	..do....	3 70
2231	..do....	Pearl Hazen.....	..do....	4 86
2232	..do....	C. J. Gillespie.....	..do....	6 66
2233	..do....	W. W. Herriott.....	..do....	2 88
2234	..do....	C. Luther.....	..do....	6 54
2235	..do....	C. M. Pfeister.....	..do....	5 01
2236	..do....	T. H. Richardson.....	..do....	3 25
2237	..do....	C. H. Demlow.....	..do....	2 25
2238	..do....	C. J. VonHoltzen.....	..do....	3 78
2239	..do....	I. W. Maxwell.....	..do....	2 46
2240	..do....	O. E. Staples, Bursar.....	General labor.....	476 97
2241	Aug. 22	W. F. Hampton.....	Dairy products furnished department dairy husbandry.....	1 42
2242	..do....	Mart Watterson.....	..do....	1 74
2243	..do....	H. Wascher.....	..do....	3 55
2244	..do....	C. Allen.....	..do....	1 61
2245	..do....	Geo. Schiff.....	..do....	3 64
2246	..do....	Chas. Smith.....	..do....	2 10
2247	..do....	John Godsell.....	..do....	2 83
2248	..do....	J. Englehardt.....	..do....	4 93
2249	..do....	S. G. Richards.....	..do....	1 68
2250	..do....	C. J. Gillespie.....	..do....	2 74
2251	..do....	J. D. Perham.....	..do....	4 54
2252	..do....	Len Rayburn.....	..do....	3 14
2253	..do....	J. D. Pittman.....	..do....	1 29
2254	..do....	J. C. Shrock.....	..do....	4 59
2255	..do....	C. A. Foster.....	..do....	3 11
2256	..do....	T. M. Gvynn.....	..do....	3 72
2257	..do....	L. F. Bialeschski.....	..do....	2 74
2258	..do....	W. E. Satterfield.....	..do....	4 73
2259	..do....	T. F. Jordan.....	..do....	2 38
2260	..do....	I. T. Webb.....	..do....	3 54
2261	..do....	J. S. Reimund.....	..do....	3 38
2262	..do....	B. Jordan.....	..do....	3 50
2263	..do....	T. J. Burrill.....	Services rendered University of Illinois.....	250 00
2264	..do....	Mittendorf & Kiler.....	Fixtures.....	82 35
2265	..do....	E. W. Sampson.....	General supplies.....	3 70
2266	..do....	J. C. Thomas.....	..do....	1 88
2267	..do....	The Burrill Co.....	Laboratory apparatus.....	6 40
2268	..do....	Bacon Brothers.....	Building materials.....	11 45
2269	..do....	American Jersey Cattle Club.....	Registry.....	8 00
2270	..do....	R. W. Braithwaite.....	General supplies.....	60 85
2271	..do....	F. K. Robeson.....	..do....	4 17
2272	..do....	M. S. Yoder.....	Corn mulcher.....	9 00
2273	..do....	John H. Doyle.....	Building materials.....	1 28
2274	..do....	Wade H. Brown.....	Traveling expenses.....	8 00
2275	..do....	Otto Harrassowitz.....	Books.....	194 90
2276	..do....	Luzac & Co.....	..do....	56 62
2277	..do....	Dultz & Co.....	..do....	19 90
2278	..do....	Ermanno Loeschner & Co.....	..do....	137 00
2279	..do....	Bjork & Borjesson.....	..do....	111 92
2280	..do....	Henry Lotheman & Co.....	..do....	76 45
2281	..do....	Joseph Baer & Co.....	Book and bookbinding.....	26 63
2282	Aug. 25	A. J. Putscher.....	Dairy products furnished department dairy husbandry.....	1 81
2283	..do....	J. M. Stickrod.....	..do....	3 90
2284	..do....	G. F. Diefenbach.....	..do....	1 36
2285	..do....	O. A. McInness.....	..do....	1 10
2286	..do....	O. W. Hampton.....	..do....	1 92
2287	..do....	T. P. Lyon.....	..do....	1 70
2288	..do....	L. F. Lindsey.....	..do....	1 45
2289	..do....	Lou Creiger.....	..do....	2 41

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
2290	Aug. 25	E. Grove.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 2 52
2291	..do....	Earl Myler.....	..do....	2 66
2292	..do....	H. C. Kaufman.....	..do....	2 08
2293	..do....	C. C. Gordon.....	..do....	1 61
2294	..do....	J. H. Schwengel.....	..do....	2 34
2295	..do....	G. M. Seeber.....	..do....	4 87
2296	..do....	C. Luther.....	..do....	4 39
2297	..do....	T. M. Ghery.....	..do....	3 64
2298	..do....	F. H. Busey.....	..do....	2 60
2299	..do....	H. H. Krukewitt.....	..do....	3 98
2300	..do....	W. D. Rohl.....	..do....	4 03
2301	..do....	L. G. Van Buskirk.....	..do....	2 35
2302	..do....	Frank Hetro.....	..do....	4 63
2303	..do....	E. R. Canady.....	..do....	3 00
2304	..do....	James Fisher.....	..do....	3 08
2305	..do....	Ed. Heppe.....	..do....	3 39
2306	..do....	John Rueb.....	..do....	1 96
2307	..do....	M. Leigh.....	..do....	6 73
2308	..do....	S. T. Carter.....	..do....	3 61
2309	..do....	J. M. Herriott.....	..do....	2 91
2310	..do....	J. H. Umbanhowar.....	..do....	4 37
2311	..do....	R. H. Brewer.....	..do....	2 18
2312	..do....	J. A. R. Koch.....	..do....	3 92
2313	..do....	W. E. Womacks.....	..do....	1 37
2314	..do....	James Freeman.....	..do....	2 83
2315	..do....	W. E. Heyer.....	..do....	1 65
2316	..do....	E. P. Ott.....	..do....	3 42
2317	..do....	W. W. Herriott.....	..do....	3 05
2318	..do....	D. W. Shiveley.....	..do....	5 10
2319	..do....	Pearl Hazen.....	..do....	3 08
2320	..do....	C. A. Fogel.....	..do....	2 83
2321	..do....	Wm. C. Gulick.....	..do....	3 78
2322	..do....	Ed. Beyer.....	Books.....	33 38
2323	..do....	Western Union Telegraph Co.....	Messages.....	9 84
2324	..do....	Joseph Baer & Co.....	Books.....	583 97
2325	..do....	Christof Muller.....	Cabinet.....	90 15
2326	..do....	Oswald Weigel.....	Books.....	363 92
2327	..do....	Auguste Picard.....	..do....	25 15
2328	..do....	J. L. Edmonds.....	Traveling expenses.....	40 81
2329	..do....	Ralph Hilscher.....	..do....	34 60
2330	..do....	C. R. Newell.....	..do....	20 97
2331	..do....	C. J. Welch Concrete Contractor.....	Walks.....	180 27
*2332	..do....	The Letter Shop.....	Clerical assistant.....	20 85
2333	..do....	Federal Sign System (Electric).....	Fixtures.....	68 50
2334	..do....	Cunningham Brothers.....	General supplies.....	42 00
2335	..do....	Strauch Kodak Finishing Shop.....	..do....	1 01
2336	..do....	A. N. Talbot.....	Traveling expenses.....	32 85
2337	..do....	Garm Norbury.....	..do....	19 79
2338	..do....	Postal Telegraph Cable Co.....	Services.....	3 34
2339	..do....	Western Union Telegraph Co.....	..do....	19 75
2340	Aug. 26	Chas. Smith.....	Dairy products furnished depart- ment dairy husbandry.....	2 62
2341	..do....	Ralph Smith.....	..do....	1 60
2342	..do....	I. H. Besore.....	..do....	1 67
2343	..do....	Geo. Schiff.....	..do....	4 20
2344	..do....	Chas. Sadler.....	..do....	1 62
2345	..do....	Frank Knox.....	..do....	3 42
2346	..do....	S. G. Richards.....	..do....	1 26
2347	..do....	C. J. Gillespie.....	..do....	3 33
2348	..do....	A. W. McJilton.....	..do....	3 61
2349	..do....	B. Jordan.....	..do....	2 30
2350	..do....	John Ingelman.....	..do....	4 34
2351	..do....	T. A. McCracken.....	..do....	7 03
2352	..do....	C. Luther.....	..do....	4 89
2353	..do....	A. Kroner.....	..do....	4 68
2354	..do....	G. W. Miller.....	..do....	3 53
2355	..do....	Andrew Shields.....	..do....	5 18
2356	..do....	W. S. Hanley.....	..do....	1 60
2357	..do....	T. F. Jordan.....	..do....	4 84
2358	..do....	C. Ross.....	..do....	2 04
2359	..do....	W. T. Hobeson.....	..do....	2 38
2360	..do....	J. W. Willsey.....	..do....	3 72
2361	..do....	C. C. & St. L. Ty. Co.....	Freight.....	11 73
2362	..do....	Wabash R. R., Urbana.....	..do....	5 89
2363	..do....	Illinois Traction System.....	..do....	1 34
2364	..do....	Illinois Central R. R. Co.....	..do....	19 65
2365	..do....	C. C. & St. L. Ry. Co.....	..do....	1 84
2366	..do....	O. E. Staples, Bursar.....	Express.....	51 55

\* Cancelled.

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
2367	Aug. 26	O. E. Staples, Bursar.....	Sundry bills.....	\$ 3 27
2368	..do..	O. E. Staples, Bursar.....	General labor.....	16 80
2369	..do..	Remington Typewriter Co.....	Machine.....	252 00
2370	..do..	J. H. Carter.....	Expenses.....	120 01
2371	..do..	Orr Allyn.....	..do..	29 21
2372	..do..	C. F. C. Riley.....	..do..	75 00
2373	..do..	H. F. Moore.....	..do..	36 14
2374	..do..	W. A. Slater.....	..do..	89 10
2375	..do..	Ralph Hilscher.....	..do..	25 59
2376	Aug. 27	H. I. Nelson.....	Dairy products furnished depart- ment dairy husbandry.....	3 84
2377	..do..	A. R. Grindley.....	..do..	3 35
2378	..do..	M. Hudson.....	..do..	1 49
2379	..do..	C. M. Pfeister.....	..do..	4 90
2380	..do..	G. F. Diefenbach.....	..do..	2 79
2381	..do..	L. F. Lindsey.....	..do..	2 70
2382	..do..	David Wilkin.....	..do..	2 14
2383	..do..	J. E. Henderson.....	..do..	1 58
2384	..do..	J. F. Hoy.....	..do..	1 48
2385	..do..	Lou Creiger.....	..do..	4 03
2386	..do..	E. Grove.....	..do..	3 47
2387	..do..	J. H. Schwengel.....	..do..	3 53
2388	..do..	H. C. Kaufman.....	..do..	3 53
2389	..do..	R. A. Lumsden.....	..do..	1 84
2390	..do..	W. F. Hampton.....	..do..	1 97
2391	..do..	P. P. Dunn.....	..do..	1 67
2392	..do..	O. W. Hampton.....	..do..	1 66
2393	..do..	G. M. Seeber.....	..do..	5 95
2394	..do..	C. C. Gordon.....	..do..	2 02
2395	..do..	R. S. McInness.....	..do..	2 30
2396	..do..	H. Wascher.....	..do..	6 94
2397	..do..	W. L. Davis.....	..do..	4 88
2398	..do..	F. C. Stevenson.....	..do..	3 83
2399	..do..	Robt. Childers.....	..do..	1 33
2400	..do..	Wm. Case.....	..do..	2 11
2401	..do..	G. H. Spencer.....	..do..	4 50
2402	..do..	W. E. Womacks.....	..do..	1 67
2403	..do..	Van Carter.....	..do..	4 25
2404	..do..	W. E. Satterfield.....	..do..	4 40
2405	..do..	W. J. Wilson.....	..do..	2 60
2406	..do..	J. F. Hubbard.....	..do..	2 11
2407	..do..	C. E. Smoot.....	..do..	3 97
2408	..do..	Pearl Hazen.....	..do..	3 80
2409	..do..	C. A. Fogel.....	..do..	3 47
2410	..do..	Geo. Osborne.....	..do..	5 74
2411	..do..	Wm. Leischner.....	..do..	3 97
2412	..do..	F. S. Umbanhowar.....	..do..	3 04
2413	..do..	J. M. Herriott.....	..do..	3 38
2414	..do..	E. R. Canady.....	..do..	2 98
2415	..do..	W. E. Yount.....	..do..	7 91
2416	..do..	P. J. Wagner.....	..do..	6 14
2417	..do..	John Rueb.....	..do..	4 43
2418	..do..	Nicholas Hahn.....	..do..	5 27
2419	..do..	David Hahn.....	..do..	4 74
2420	..do..	F. H. Busey.....	..do..	4 03
2421	..do..	J. J. Cender.....	..do..	5 55
2422	..do..	J. H. Richardson.....	..do..	5 05
2423	..do..	I. W. Maxwell.....	..do..	3 78
2424	..do..	C. J. Von Holten.....	..do..	4 03
2425	..do..	Ed. Huckins.....	..do..	1 86
2426	..do..	C. C. & St. L. Ry. Co., Urbana.....	Freight.....	12 99
2427	..do..	Wabash R. R., Urbana.....	..do..	23 00
2428	Aug. 29	Garm Norbury.....	Expenses.....	29 01
2429	..do..	Paul Hansen.....	..do..	54 16
2430	..do..	V. R. Fleming.....	..do..	43 91
2431	..do..	C. R. Newell.....	..do..	27 09
2432	..do..	H. P. Corson.....	..do..	8 06
2433	..do..	Chas. C. Smith.....	Signals.....	2 70
2434	..do..	National Engraving Co.....	Etchings.....	9 90
2435	..do..	Vaughan's Seed Store.....	Seed.....	1 25
2436	..do..	W. F. Hardy.....	Wheel.....	5 00
2437	..do..	The Chas. A. Hall Hardware Co.....	Hardware.....	1 85
2438	..do..	The Elliott Co.....	Blanks.....	36 00
2439	..do..	W. A. Morschhauser.....	Machine.....	310 00
2440	..do..	G. C. Willis.....	Cotton.....	5 00
2441	..do..	The Burr Co.....	Supplies.....	28 95
2442	..do..	Alexander Lumber Co.....	Lumber.....	50 49
2443	..do..	The Letter Shop.....	Service.....	22 35
2444	..do..	Central Electric Co.....	Supplies.....	4 91

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
2445	Aug. 29	D. H. Lloyd.	Supplies.	\$ 11 54
2446	..do.	A. E. Keys, Contractor.	Payment on contract.	294 85
2447	..do.	Orr Allyn.	Expenses.	9 14
2448	..do.	W. C. Coffey.	..do.	18 59
2449	..do.	Wilhelm Miller.	..do.	122 96
2450	..do.	The Warner Elevator Mfg. Co.	Walter.	780 00
2451	..do.	J. C. Thomas Hardware Co.	Tank.	2 25
2452	..do.	Wilson-Maehlen Co.	Tubes.	5 26
2453	..do.	F. M. Leslie.	Frames.	13 50
2454	..do.	Eastman Kodak Co.	Repairs.	5 10
2455	..do.	Ernon Camera Shop.	Camera supplies.	60 00
2456	..do.	E. W. Sampson.	Harness.	3 15
2457	..do.	E. W. Johnson.	Books.	35 00
2458	..do.	W. W. Walls & Co.	Supplies.	3 27
2459	..do.	Belle City Threshing Co.	Cylinder teeth.	1 30
2460	..do.	The Eclipse Fuel Engineering Co.	Furnace, etc.	101 50
2461	..do.	Springfield Boiler & Mfg. Co.	Bucket.	40 00
2462	..do.	Automatic Electric Co.	Supplies.	27 50
2463	..do.	Illinois State Reformatory.	Printing.	10 25
2464	..do.	Hunter Rourke & Co.	Lumber.	14 55
2465	Aug. 30	John Godsell.	Daily products furnished depart-	
			ment dairy husbandry.	2 95
2466	..do.	H. Wascher.	..do.	5 15
2467	..do.	T. P. Lyons.	..do.	2 42
2468	..do.	Chas. Smith.	..do.	1 71
2469	..do.	John Englehardt.	..do.	9 39
2470	..do.	Geo. Schiff.	..do.	3 69
2471	..do.	Frank Knox.	..do.	4 84
2472	..do.	C. J. Gillespie.	..do.	7 04
2473	..do.	H. J. Moorehouse.	..do.	3 78
2474	..do.	Len Rayburn.	..do.	3 52
2475	..do.	B. Jordan.	..do.	3 94
2476	..do.	T. F. Jordan.	..do.	6 85
2477	..do.	D. W. Shiveley.	..do.	3 97
2478	..do.	C. Ross.	..do.	1 55
2479	..do.	C. H. Demlow.	..do.	2 98
2480	..do.	Florence E. Watson.	Expenses.	50 21
2481	..do.	Laura B. Evans.	..do.	243 73
2482	Sept. 3	C. Allen.	Dairy products furnished depart-	
			ment of dairy husbandry.	3 84
2483	..do.	Ralph Smith.	..do.	1 21
2484	..do.	Lonie J. Wienke.	..do.	3 47
2485	..do.	A. R. Grindley.	..do.	3 38
2486	..do.	R. S. McInnes.	..do.	1 16
2487	..do.	C. C. Gordon.	..do.	1 55
2488	..do.	O. W. Hampton.	..do.	1 18
2489	..do.	H. C. Kaufman.	..do.	1 64
2490	..do.	J. E. Henderson.	..do.	1 18
2491	..do.	L. F. Lindsey.	..do.	1 46
2492	..do.	Earl Myler.	..do.	4 43
2493	..do.	E. Grove.	..do.	3 94
2494	..do.	Lou Creiger.	..do.	3 66
2495	..do.	Geo. Taylor.	..do.	1 80
2496	..do.	J. H. Schwengel.	..do.	2 82
2497	..do.	A. J. Putscher.	..do.	1 68
2498	..do.	G. F. Diefenbach.	..do.	1 95
2499	..do.	Mart Watterson.	..do.	2 91
2500	..do.	J. A. Daeger.	..do.	5 27
2501	..do.	James Freeman.	..do.	3 22
2502	..do.	J. D. Pittman.	..do.	1 43
2503	..do.	F. W. Howell.	..do.	2 29
2504	..do.	W. D. Rohl.	..do.	5 77
2505	..do.	Wm. C. Gulick.	..do.	4 87
2506	..do.	Pearl Hazen.	..do.	3 64
2507	..do.	J. D. Perham.	..do.	3 38
2508	..do.	W. W. Herriott.	..do.	5 95
2509	..do.	F. H. Busey.	..do.	3 10
2510	..do.	J. A. R. Koch.	..do.	4 59
2511	..do.	A. J. Krukewitt.	..do.	4 43
2512	..do.	F. Hetro.	..do.	5 18
2513	..do.	M. Cherry.	..do.	2 79
2514	..do.	Geo. Herriott.	..do.	7 25
2515	..do.	W. E. Heyer.	..do.	1 15
2516	..do.	J. Ingleman.	..do.	4 37
2517	..do.	L. F. Bialeschski.	..do.	3 55
2518	..do.	C. Luther.	..do.	6 79
2519	..do.	I. W. Maxwell.	..do.	2 85
2520	..do.	W. F. Hobeson.	..do.	3 91
2521	..do.	G. M. Seeber.	..do.	4 22

GENERAL UNIVERSITY VOUCHERS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
2522	1913. Sept. 3	John Willsey.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 3 41
2523	.do.	J. H. Umbanhowar.....	.do.	4 90
2524	.do.	C. A. Fogel.....	.do.	2 98
2525	.do.	John Weiss.....	.do.	11 74
2526	.do.	W. H. Webb.....	.do.	1 80
2527	.do.	John McCullough.....	.do.	20 06
2528	.do.	G. C. Gordon.....	.do.	2 71
2529	.do.	Cora Stacker.....	.do.	5 72
2530	.do.	S. Atchison.....	.do.	2 76
2531	.do.	R. H. Brewer.....	.do.	2 42
2532	.do.	Geo. Osborn.....	.do.	2 79
2533	.do.	Andrew Shields.....	.do.	6 01
2534	.do.	Fred Krukewiltz.....	.do.	4 09
2535	.do.	L. G. Van Buskirk.....	.do.	2 76
2536	.do.	John Rueb.....	.do.	2 95
2537	.do.	J. Fisher.....	.do.	3 13
2538	.do.	T. M. Ghene.....	.do.	4 96
2539	.do.	M. Leigh.....	.do.	7 81
2540	.do.	W. E. Womacks.....	.do.	2 78
2541	.do.	W. J. Wilson.....	.do.	1 95
2542	.do.	S. G. Richards.....	.do.	1 71
2543	.do.	Robt. Graham.....	.do.	5 04
2544	Sept. 5	J. H. Schwengel.....	.do.	3 22
2545	.do.	David Wilkins.....	.do.	1 58
2546	.do.	Lon Creiger.....	.do.	5 21
2547	.do.	E. Grove.....	.do.	4 71
2548	.do.	L. F. Lindsey.....	.do.	2 54
2549	.do.	W. F. Hampton.....	.do.	1 83
2550	.do.	R. A. Lumsden.....	.do.	2 11
2551	.do.	G. F. Dietenbach.....	.do.	2 60
2552	.do.	A. J. Putscher.....	.do.	1 83
2553	.do.	P. P. Dunn.....	.do.	1 98
2554	.do.	M. Hudson.....	.do.	1 40
2555	.do.	R. S. McInness.....	.do.	1 83
2556	.do.	C. C. Gordon.....	.do.	1 89
2557	.do.	H. C. Kaufman.....	.do.	4 40
2558	.do.	J. F. Hoy.....	.do.	1 15
2559	.do.	G. M. Seeber.....	.do.	6 67
2560	.do.	G. C. Gordon.....	.do.	1 61
2561	.do.	J. McCullough.....	.do.	8 00
2562	.do.	A. R. Grindley.....	.do.	3 81
2563	.do.	H. I. Nelson.....	.do.	4 12
2564	.do.	C. W. Pfister.....	.do.	3 84
2565	.do.	O. W. Hampton.....	.do.	9 55
2566	.do.	J. M. Stetrod.....	.do.	3 47
2567	.do.	C. Stacker.....	.do.	1 58
2568	.do.	L. H. Besore.....	.do.	4 06
2569	.do.	T. H. Richardson.....	.do.	1 67
2570	.do.	W. J. Hobson.....	.do.	5 07
2571	.do.	W. L. Davis.....	.do.	4 28
2572	.do.	P. Hazen.....	.do.	4 77
2573	.do.	Frank Knox.....	.do.	4 25
2574	.do.	Van Carter.....	.do.	4 59
2575	.do.	J. H. Umbanhower.....	.do.	3 44
2576	.do.	J. B. Marsh.....	.do.	5 12
2577	.do.	G. H. Spencer.....	.do.	5 52
2578	.do.	W. D. Kohl.....	.do.	5 86
2579	.do.	E. R. Canady.....	.do.	4 19
2580	.do.	F. S. Umbanhower.....	.do.	6 48
2581	.do.	W. E. Yount.....	.do.	3 69
2582	.do.	Grant Freeman.....	.do.	2 02
2583	.do.	W. J. Wilson.....	.do.	5 61
2584	.do.	W. Hall.....	.do.	6 14
2585	.do.	P. J. Wagner.....	.do.	2 02
2586	.do.	J. F. Hubbard.....	.do.	3 61
2587	.do.	O. A. Foster.....	.do.	5 91
2588	.do.	J. C. Schrock.....	.do.	5 21
2589	.do.	F. Shetter.....	.do.	3 95
2590	.do.	G. C. Cochran.....	.do.	3 50
2591	.do.	I. T. Webb.....	.do.	4 53
2592	.do.	J. Ingelman.....	.do.	3 54
2593	.do.	Andrew E. Kblaw.....	.do.	3 88
2594	.do.	F. H. Bussey.....	.do.	3 10
2595	.do.	Fred Thompson.....	.do.	4 59
2596	.do.	John Englehardt.....	.do.	1 58
2597	.do.	A. G. Guard.....	.do.	2 23
2598	.do.	Chas. Smith.....	.do.	2 85
2599	.do.	L. W. Maxwell.....	.do.	

GENERAL UNIVERSITY VOUCHERS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
2600	1913. Sept. 5	Geo. Shiff.....	Dairy products furnished, depart- ment of dairy husbandry.....	\$ 87
2601	do.	H. J. Moorehouse.....	do.	3 22
2602	do.	G. W. Miller.....	do.	3 77
2603	do.	C. A. Fogel.....	do.	3 07
2604	do.	D. W. Shiveley.....	do.	6 63
2605	do.	Geo. Harriott.....	do.	7 94
2606	do.	C. J. Gillespie.....	do.	3 43
2607	do.	Len Kayburn.....	do.	4 11
2608	do.	W. S. Hanley.....	do.	1 49
2609	do.	G. O. McMorris.....	do.	2 91
2610	do.	T. A. McCracken.....	do.	3 94
2611	do.	S. T. Carter.....	do.	3 69
2612	do.	T. F. Jordan.....	do.	6 82
2613	do.	C. Ross.....	do.	2 64
2614	do.	B. Jordan.....	do.	5 83
2615	do.	E. P. Ott.....	do.	3 32
2616	do.	J. P. Yeasel.....	do.	4 25
2617	do.	C. C. & St. L. Ry. Co. Illinois Traction System.	Freight.....	2 24
2618	do.	.....	Dairy products furnished depart- ment dairy husbandry.....	2 99
2619	Sept. 6	Ralph Smith.....		
2620	do.	E. F. Lyon.....	do.	1 95
2621	do.	J. E. Henderson.....	do.	2 67
2622	do.	G. M. Seeber.....	do.	2 79
2623	do.	George Shiff.....	do.	3 29
2624	do.	S. Atchison.....	do.	1 64
2625	do.	L. W. Maxwell.....	do.	2 82
2626	do.	C. H. Demlow.....	do.	2 05
2627	do.	C. Ross.....	do.	2 64
2628	do.	B. Jordan.....	do.	4 12
2629	do.	T. F. Jordan.....	do.	5 27
2630	do.	H. J. Moorehouse.....	do.	2 67
2631	do.	Wm. C. Guilek.....	do.	4 84
2632	do.	C. J. Gillespie.....	do.	6 05
2633	do.	J. M. Herrloff.....	do.	3 18
2634	do.	A. Kroner.....	do.	4 98
2635	do.	T. A. McCracken.....	do.	4 00
2636	do.	C. E. Smoot.....	do.	3 69
2637	do.	John Rueb.....	do.	4 43
2638	do.	W. E. Womack.....	do.	4 12
2639	do.	Z. Alsip.....	do.	2 85
2640	do.	T. M. Guinn.....	do.	4 76
2641	do.	Wm. Leschner.....	do.	4 19
2642	do.	Mrs. Andrew Eckblaw.....	do.	3 69
2643	do.	A. E. Keys, Contractor.....	Payment on contract.....	229 50
2644	do.	John Harp, Contractor.....	Final payment on contract.....	203 50
2645	do.	English Bros., Contractors.....	Payment on contract.....	39 518 75
2646	do.	L. T. Lyman.....	Wages, August, 1913.....	42 38
2647	do.	J. F. Gauger.....	do.	50 00
2648	do.	E. B. Willard.....	do.	65 00
2649	do.	L. S. Baldwin.....	do.	40 80
2650	do.	John Rising.....	do.	46 15
2651	do.	Robert Kligley.....	do.	46 00
2652	do.	E. A. White.....	do.	100 00
2653	do.	L. S. Baldwin.....	do.	75 00
2654	do.	H. F. Gonneman.....	do.	120 00
2655	do.	R. Pergande.....	do.	85 00
2656	do.	R. W. Wilson.....	do.	65 00
2657	do.	S. C. Taylor.....	do.	60 00
2658	do.	Charles Palmer.....	do.	40 00
2659	do.	Cloyd Smith.....	do.	22 50
2660	do.	Daisy O. Swearingen.....	do.	66 00
2661	do.	Sybil Nagel.....	do.	8 34
2662	do.	V. R. Fleming.....	do.	100 00
2663	do.	C. R. Newell.....	do.	75 00
2664	do.	Garn Norbury.....	do.	25 00
2665	do.	Clarence Scholl.....	do.	60 00
2666	do.	R. A. Dutcher.....	do.	35 00
2667	do.	J. J. Herbert.....	do.	85 00
2668	do.	W. W. Miller.....	do.	75 00
2669	do.	Amos Wright.....	do.	56 40
2670	do.	T. B. Snyder.....	do.	9 60
2671	do.	S. P. Boonstra.....	do.	4 90
2672	do.	S. P. Boonstra.....	do.	10 33
2673	do.	G. W. Pickels.....	do.	13 00
2674	do.	G. W. Meyers.....	do.	46 40
2675	do.	S. P. Boonstra.....	do.	2 80
2676	do.	G. W. Pickels.....	do.	19 50

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
2677	Sept. 6	T. W. Dieckmann.....	Wages, August, 1913.....	\$ 55 82
2678	..do..	R. L. Kelley.....	..do..	100 00
2679	..do..	Burt Hays.....	..do..	70 20
2680	..do..	Carl Sievert.....	..do..	30 00
2681	..do..	C. A. Brumley.....	..do..	50 80
2682	..do..	J. A. Dunseth.....	..do..	52 00
2683	..do..	C. E. Mattoon.....	..do..	52 00
2684	..do..	E. W. Mattoon.....	..do..	52 00
2685	..do..	G. F. Smalley.....	..do..	26 20
2686	..do..	J. G. Roberts.....	..do..	41 20
2687	..do..	N. Meltz.....	..do..	32 80
2688	..do..	T. New.....	..do..	20 83
2689	..do..	T. W. Graves.....	..do..	9 80
2690	..do..	P. T. Gregory.....	..do..	17 50
2691	..do..	W. Leriche.....	..do..	7 00
2692	..do..	P. T. Gregory.....	..do..	31 80
2693	..do..	J. W. DuHamel.....	..do..	23 63
2694	..do..	J. E. Morgan.....	..do..	6 80
2695	..do..	L. F. Nickell.....	..do..	35 10
2696	..do..	D. Vaubel.....	..do..	40 25
2697	..do..	C. R. Nickolls.....	..do..	54 15
2698	..do..	S. A. Porter.....	..do..	41 50
2699	..do..	A. L. Collins.....	..do..	22 40
2700	..do..	M. C. Booher.....	..do..	36 80
2701	..do..	Zeliaette Troy.....	..do..	55 00
2702	..do..	Helen Wilkinson.....	..do..	55 00
2703	..do..	Hazel Y. Shaw.....	..do..	23 82
2704	..do..	Florence H. Grabbe.....	..do..	50 00
2705	..do..	A. Bagusin.....	..do..	15 00
2706	..do..	Chas. Gundlock.....	..do..	4 33
2707	..do..	A. J. Booker.....	..do..	2 00
2708	..do..	A. Warmbier.....	..do..	25 20
2709	..do..	A. L. Johnson.....	..do..	9 20
2710	..do..	J. B. Hickey.....	..do..	22 00
2711	..do..	W. W. Trimble.....	..do..	39 40
2712	Sept. 8	G. W. Sheldon & Co.....	One case books.....	11 95
2713	..do..	Ralph Hilscher.....	Traveling expenses.....	14 23
2714	..do..	Martinus Nijhoff.....	Books.....	100 36
2715	..do..	Samuel Campbell.....	Drains.....	133 95
2716	..do..	C. M. McConn.....	Traveling expenses.....	14 79
2717	..do..	United States Audit Co.....	Expenses.....	327 41
2718	..do..	G. E. Stechert & Co.....	Books.....	33 76
2719	..do..	Ernst Hertzberg & Sons.....	Binding books.....	28 34
2720	..do..	Paul Gottschalk.....	Books.....	430 50
2721	..do..	Lemcke & Beuchner.....	..do..	29 40
2722	..do..	Munhall Printing House.....	Placards.....	1 75
2723	..do..	A. C. McClurg & Co.....	Books.....	176 58
2724	..do..	J. Terquem & Co.....	..do..	356 52
2725	..do..	Barnhart Brothers.....	Supplies.....	1 49
2726	..do..	Callaghan & Co.....	Books.....	10 00
2727	..do..	T. H. Flood & Co.....	..do..	671 88
2728	..do..	Cromarty Law Book Co.....	..do..	70 00
2729	..do..	Ernst Hertzberg & Sons.....	Binding books.....	5 13
2730	..do..	First National Bank, Champaign.....	Laboratory supplies.....	40 00
2731	..do..	American Law Book Co.....	Books.....	7 50
2732	..do..	"Professional Memvirs".....	Subscription.....	3 00
2733	..do..	The Burr Co.....	Laboratory apparatus.....	6 60
2734	..do..	F. K. Robeson.....	Supplies.....	3 00
2735	..do..	Rand McNally & Co.....	Books.....	20 00
2736	..do..	Otis Elevator Co.....	Dumb waiter.....	599 08
2737	..do..	J. B. Lippincott Co.....	Supplies.....	9 90
2738	..do..	S. E. Huff & Co.....	Lumber.....	4 50
2739	Sept. 8	E. Grove.....	Dairy products furnished depart- ment dairy husbandry.....	2 88
2740	..do..	C. W. Hamm.....	..do..	1 43
2741	..do..	T. P. Lyons.....	..do..	2 51
2742	..do..	H. Wascher.....	..do..	4 96
2743	..do..	John Godsell.....	..do..	2 76
2744	..do..	Mart Watterson.....	..do..	2 17
2745	..do..	J. M. Stickrod.....	..do..	4 53
2746	..do..	C. G. Gordon.....	..do..	1 35
2747	..do..	L. F. Lindsey.....	..do..	1 18
2748	..do..	Lou Creiger.....	..do..	3 60
2749	..do..	G. Taylor.....	..do..	2 33
2750	..do..	G. F. Diefenbach.....	..do..	1 12
2751	..do..	H. C. Kaufman.....	..do..	1 80
2752	..do..	J. H. Schwengel.....	..do..	2 39
2753	..do..	Fred Thompson.....	..do..	1 40
2754	..do..	H. F. Ridgeley.....	..do..	4 03



## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
2755	1913. Sept. 8	F. C. Stevenson.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 3 08
2756	..do....	John Rueb.....	..do.....	3 13
2757	..do....	James Freeman.....	..do.....	3 26
2758	..do....	J. W. Willsey.....	..do.....	3 97
2759	..do....	Earl Myler.....	..do.....	3 10
2760	..do....	W. J. Hobson.....	..do.....	2 17
2761	..do....	C. Allen.....	..do.....	1 95
2762	..do....	C. J. Von Holton.....	..do.....	3 22
2763	..do....	J. Fisher.....	..do.....	2 85
2764	..do....	R. W. Brewer.....	..do.....	2 42
2765	..do....	W. J. Wilson.....	..do.....	1 30
2766	..do....	L. G. Van Buskirk.....	..do.....	2 08
2767	..do....	D. Hahn.....	..do.....	5 39
2768	..do....	Wm. Case.....	..do.....	3 69
2769	..do....	Frank Hetro.....	..do.....	5 46
2770	..do....	W. E. Satterfield.....	..do.....	5 27
2771	..do....	T. M. Ghere.....	..do.....	3 81
2772	..do....	Geo. Osborn.....	..do.....	6 08
2773	..do....	A. G. Krukewitt.....	..do.....	3 13
2774	..do....	J. J. Perham.....	..do.....	3 78
2775	..do....	E. R. Canaday.....	..do.....	3 04
2776	..do....	F. W. Busey.....	..do.....	2 85
2777	..do....	J. A. Daeger.....	..do.....	5 12
2778	..do....	J. A. R. Koch.....	..do.....	5 36
2779	..do....	M. Leigh.....	..do.....	7 16
2780	..do....	M. Cherry.....	..do.....	3 13
2781	..do....	C. A. Fogel.....	..do.....	3 32
2782	..do....	Geo. Herriott.....	..do.....	3 66
2783	..do....	H. J. Moorehouse.....	..do.....	3 57
2784	..do....	P. Hazen.....	..do.....	2 33
2785	..do....	David Wilkens.....	..do.....	1 80
2786	..do....	J. F. Hoy.....	..do.....	1 09
2787	..do....	W. F. Hampton.....	..do.....	1 43
2788	..do....	Stephen Rogers.....	Field expenses.....	83 30
2789	Sept. 9	I. H. Besore.....	Dairy products furnished depart- ment of dairy husbandry.....	2 92
2790	..do....	Geo. Schiff.....	..do.....	3 38
2791	..do....	H. I. Nelson.....	..do.....	1 05
2792	..do....	A. R. Grindley.....	..do.....	3 16
2793	..do....	Ralph Smith.....	..do.....	1 09
2794	..do....	E. Grove.....	..do.....	2 88
2795	..do....	Lou Creiger.....	..do.....	3 16
2796	..do....	John Reub.....	..do.....	2 76
2797	..do....	W. E. Heyer.....	..do.....	2 31
2798	..do....	Len Rayburn.....	..do.....	3 36
2799	..do....	Frank Knox.....	..do.....	4 77
2800	..do....	D. W. Shiveley.....	..do.....	6 01
2801	..do....	C. J. Gillespie.....	..do.....	3 57
2802	..do....	George Herriott.....	..do.....	5 49
2803	..do....	P. Hazen.....	..do.....	3 57
2804	..do....	G. W. Miller.....	..do.....	4 96
2805	..do....	Andrew Shields.....	..do.....	6 20
2806	..do....	S. D. Richards.....	..do.....	2 11
2807	..do....	T. F. Jordan.....	..do.....	5 64
2808	..do....	C. Ross.....	..do.....	2 17
2809	..do....	B. Jordan.....	..do.....	3 66
2810	..do....	L. F. Bialeschki.....	..do.....	3 80
2811	..do....	F. P. Ott.....	..do.....	2 29
2812	..do....	Robert Childers.....	..do.....	1 30
2813	..do....	George Osborn.....	..do.....	3 29
2814	..do....	C. C. & St. L. Ry. Co., Urbana.	Freight.....	3 64
2815	Sept. 10	M. Hudson.....	Dairy products furnished depart- ment of dairy husbandry.....	1 72
2816	..do....	W. F. Hampton.....	..do.....	1 57
2817	..do....	G. F. Diefenbach.....	..do.....	2 20
2818	..do....	L. F. Lindsey.....	..do.....	1 93
2819	..do....	J. H. Schwengel.....	..do.....	2 99
2820	..do....	I. W. Maxwell.....	..do.....	2 66
2821	..do....	H. Wascher.....	..do.....	5 78
2822	..do....	R. S. McInnes.....	..do.....	1 87
2823	..do....	C. C. Gordon.....	..do.....	2 33
2824	..do....	O. A. McInnes.....	..do.....	1 16
2825	..do....	F. H. Busey.....	..do.....	3 33
2826	..do....	H. C. Kaufman.....	..do.....	2 74
2827	..do....	J. F. Hoy.....	..do.....	1 16
2828	..do....	A. G. Krukewitt.....	..do.....	3 10
2829	..do....	W. D. Rohl.....	..do.....	8 22
2830	..do....	P. J. Wagner.....	..do.....	5 18

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
2831	Sept. 10	Van Carter.....	Dairy products furnished department of dairy husbandry.....	\$ 4 39
2832	..do..	T. H. Richardson.....	..do..	4 03
2833	..do..	Ed. Huckins.....	..do..	1 78
2834	..do..	C. W. Pfister.....	..do..	5 21
2835	..do..	J. W. Willsey.....	..do..	3 47
2836	..do..	W. J. Hobson.....	..do..	1 98
2837	..do..	D. B. White.....	..do..	3 50
2838	..do..	Mrs. Andrew Ekblaw.....	..do..	3 89
2839	..do..	W. E. Womachs.....	..do..	2 08
2840	..do..	Fred Krukewitt.....	..do..	5 91
2841	..do..	W. E. Yount.....	..do..	7 13
2842	..do..	C. A. Fogel.....	..do..	3 70
2843	..do..	J. H. Umbanhower.....	..do..	4 82
2844	..do..	F. S. Umbanhower.....	..do..	3 66
2845	..do..	Nicholas Hahn.....	..do..	4 75
2846	..do..	George Osborn.....	..do..	4 95
2847	..do..	W. J. Wilson.....	..do..	2 15
2848	..do..	J. M. Stickrod.....	..do..	6 24
2849	..do..	R. T. Lumsden.....	..do..	1 13
2850	..do..	Leonora S. Page.....	Wages, July and August, 1913.....	81 00
2851	..do..	C. W. Warriner.....	Wages, August, 1913.....	14 00
2852	..do..	C. W. Warriner.....	..do..	14 00
2853	..do..	N. H. Shields, Contractor.....	Payment on contract.....	2,215 75
2854	..do..	Illinois State Reformatory.....	Printing.....	108 05
2855	..do..	Flanigan-Pearson Co.....	Cutting paper.....	1 25
2856	..do..	Twin City Ice Co.....	Ice.....	4 00
2857	..do..	Karl W. Hiersemann.....	Books.....	476 09
2858	..do..	Otto Harrassowitz.....	..do..	24 77
2859	..do..	The Museum Book Store.....	..do..	162 07
2860	..do..	C. M. McConn.....	Expenses.....	6 90
2861	..do..	Alphonse Picard & Fils.....	Books.....	17 65
2862	..do..	Otto Harrassowitz.....	..do..	198 00
2863	..do..	George E. Frazer.....	Expenses of E. Reynolds.....	7 89
2864	..do..	A. E. Keys, Contractor.....	Payment on contract.....	200 00
2865	..do..	Central Law Journal Co.....	Advertising.....	12 00
2866	..do..	Otis Elevator Co., Contractors.....	Payment on contract.....	300 00
2867	..do..	Johnson Service Co., Contractors.....	..do..	885 50
2868	Sept. 11	O. E. Staples, Bursar.....	Petty bills paid.....	166 05
2869	..do..	O. E. Staples, Bursar.....	..do..	48 05
2870	..do..	J. Terquem & Cie.....	Books.....	2 34
2871	..do..	Martinus Nijhoff.....	..do..	6 23
2872	..do..	Lloyd Morey.....	Expenses.....	4 24
2873	..do..	Ralph Hilscher.....	..do..	20 21
2874	..do..	V. R. Fleming.....	..do..	49 87
2875	..do..	M. C. Sjolhom.....	..do..	6 56
2876	..do..	George E. Frazer.....	..do..	38 89
2877	..do..	C. R. Newell.....	..do..	43 38
2878	Sept. 12	Schaefer & Dolan.....	Services.....	25 00
2879	..do..	W. M. Wilson.....	Expenses.....	8 19
2880	..do..	Taylor Hardware Co.....	Supplies.....	6 74
2881	..do..	Automatic Electric Co.....	Selector.....	15 00
2882	..do..	Ernst Leitz.....	Apparatus.....	50 51
2883	..do..	American Medical Association.....	Booklets.....	6 15
2884	..do..	Twin City Ice & Cold Storage Co.....	Water.....	1 00
2885	..do..	Fitted Steel Sash Works.....	Material.....	1 40
2886	..do..	The Western Gas Fixture Co.....	Supplies.....	9 54
2887	..do..	Constance Barlow-Smith.....	Expenses.....	18 94
2888	..do..	Reliable Plumbing & Heating Co.....	Supplies.....	1 59
2889	..do..	G. W. Sheldon & Co.....	Duty.....	72 03
2890	..do..	Tice & Lynch.....	Cartage.....	3 50
2891	..do..	T. F. Jordan.....	Dairy products furnished department of dairy husbandry.....	3 63
2892	..do..	C. Ross.....	..do..	1 98
2893	..do..	B. Jordan.....	..do..	3 17
2894	..do..	Geo. Schiff.....	..do..	3 37
2895	..do..	J. E. Henderson.....	..do..	1 59
2896	..do..	P. P. Dunn.....	..do..	1 78
2897	..do..	Fred Thompson.....	..do..	2 11
2898	..do..	J. D. Pittman.....	..do..	1 35
2899	..do..	W. H. Frame.....	..do..	3 00
2900	..do..	E. F. Lyons.....	..do..	2 61
2901	..do..	C. J. Gillespie.....	..do..	3 50
2902	..do..	W. L. Davis.....	..do..	5 27
2903	..do..	Grant Freeman.....	..do..	3 47
2904	..do..	Mrs. A. Ekblaw.....	..do..	3 89
2905	..do..	John Ingelman.....	..do..	4 75
2906	..do..	T. A. McCracken.....	..do..	4 03
2907	..do..	L. W. Davis.....	..do..	5 18

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
2908	Sept. 13	C. C. Gordon.....	Dairy products furnished department of dairy husbandry.....	\$ 1 72
2909	do.	T. P. Lyons.....	do.	1 72
2910	do.	J. M. Stickrod.....	do.	3 37
2911	do.	G. Taylor.....	do.	2 28
2912	do.	W. F. Hampton.....	do.	1 39
2913	do.	G. F. Diefenbach.....	do.	1 49
2914	do.	L. F. Lindsey.....	do.	1 52
2915	do.	A. J. Putscher.....	do.	1 44
2916	do.	H. C. Kaufman.....	do.	1 58
2917	do.	E. Grove.....	do.	4 13
2918	do.	O. W. Hampton.....	do.	1 47
2919	do.	Lou Greiger.....	do.	4 79
2920	do.	John Godsell.....	do.	2 34
2921	do.	J. H. Schwengel.....	do.	2 31
2922	do.	D. Wilkens.....	do.	2 21
2923	do.	P. Hazen.....	do.	4 68
2924	do.	D. W. Shiveley.....	do.	3 70
2925	do.	Len Rayburn.....	do.	2 38
2926	do.	L. F. Bialeschki.....	do.	3 89
2927	do.	Earl Myler.....	do.	4 82
2928	do.	F. H. Busey.....	do.	2 94
2929	do.	James Freeman.....	do.	2 97
2930	do.	John Reub.....	do.	2 94
2931	do.	J. F. Hubbard.....	do.	2 44
2932	do.	L. G. Van Buskirk.....	do.	2 71
2933	do.	W. E. Womacks.....	do.	2 01
2934	do.	Wm. Case.....	do.	4 22
2935	do.	W. J. Wilson.....	do.	2 18
2936	do.	J. P. Yeasel.....	do.	3 86
2937	do.	F. W. Howell.....	do.	1 62
2938	do.	E. R. Canaday.....	do.	4 62
2939	do.	Geo. Osborn.....	do.	4 82
2940	do.	G. H. Spencer.....	do.	6 60
2941	do.	T. M. Ghere.....	do.	3 70
2942	do.	M. Leigh.....	do.	7 43
2943	do.	J. R. Trevett.....	Expenses.....	8 75
2944	Sept. 15	P. J. Petersen.....	Butter.....	5 60
2945	do.	C. C. C. & St. L. Ry. Co.....	Freight.....	6 20
2946	do.	Wm. Parton.....	Supplies.....	130 25
2947	do.	W. M. Welch Co.....	Freight and repairs.....	1 19
2948	do.	W. L. Abbott.....	Expenses.....	94 86
2949	do.	O. M. Allyn.....	Field expenses.....	53 25
2950	do.	T. A. Clark.....	Refund from McKinley fund.....	50 00
2951	Sept. 16	G. M. Seeber.....	Dairy products furnished department of dairy husbandry.....	16 37
2952	do.	J. M. Stickrod.....	do.	4 59
2953	do.	Ralph Smith.....	do.	2 18
2954	do.	C. W. Hamm.....	do.	1 85
2955	do.	J. C. Schock.....	do.	5 24
2956	do.	Geo. Schiff.....	do.	3 70
2957	do.	J. Willsey.....	do.	2 71
2958	do.	C. J. Gillespie.....	do.	4 32
2959	do.	W. L. Davis.....	do.	4 78
2960	do.	T. M. Guynn.....	do.	3 95
2961	do.	Andrew Shields.....	do.	5 97
2962	do.	J. Rueb.....	do.	4 29
2963	do.	O. A. Foster.....	do.	4 25
2964	do.	C. J. Von Holten.....	do.	3 70
2965	do.	J. Engelhardt.....	do.	4 13
2966	do.	C. Ross.....	do.	3 37
2967	do.	B. Jordon.....	do.	4 72
2968	do.	T. F. Jordon.....	do.	7 52
2969	do.	M. Cherry.....	do.	2 01
2970	do.	Frank Hetro.....	do.	5 21
2971	do.	Wm. Leischer.....	do.	4 29
2972	do.	S. G. Richards.....	do.	1 09
2973	do.	J. McCullough.....	do.	12 44
2974	do.	S. Atchison.....	do.	2 48
2975	do.	Cora Stackner.....	do.	3 30
2976	Sept. 17	Mittendorf & Kiler.....	Shades.....	1 83
2977	do.	The Creamery Package Mfg. Co.....	Supplies.....	17 09
2978	do.	Cornelius Stocker.....	Expenses.....	13 50
2979	do.	The Burr Co.....	Supplies.....	2 82
2980	do.	Percival & Moorehead.....	do.	1 10
2981	do.	The Kuy-Scheerer Co.....	Casts.....	40 00
2982	do.	Ernst Hertzberg & Sons.....	Bookbinding.....	7 93
2983	do.	H. P. Corson.....	Expenses.....	48 41
2984	do.	Western Gas Fixture Co.....	Fixtures.....	69 68

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
2985	Sept. 17	The Boston Book Co.	Books	\$ 8 25
2986	do.	A. E. Wuesteman	Silverware	125 06
2987	do.	J. Terquem & Co.	Books	38 00
2988	do.	A. C. McClurg & Co.	Book	1 26
2989	do.	American Contractor Publishing Co.	Advertising	6 00
2990	do.	Automatic Electric Co.	Supplies	55 00
2991	do.	Twin City Ice & Cold Storage Co.	Ice	4 00
2992	do.	H. P. Rusk	Expenses	9 08
2993	do.	W. Lewis & Co.	Sheets	15 75
2994	do.	Herring Hall Marvin Safe Co.	Safe	38 50
2995	do.	Peck & Hills Furniture Co.	Desks	57 50
2996	do.	Elmer & Amend	Supplies	59 90
2997	do.	C. W. Rolfe	Hogs	106 25
2998	do.	William Cooper & Nephews	Ram	100 00
2999	do.	A. B. Dick & Co.	Mimeograph	40 00
3000	do.	C. S. Jenkins	Map rack	50 00
3001	do.	J. G. Biddle	Supplies	20 32
3002	do.	Williams Bros.	Painting	177 60
3003	do.	E. H. Sargent & Co.	Supplies	7 00
3004	do.	International Press Clipping Bureau	August clipping service	5 00
3005	do.	Reliable Plumbing & Heating Co.	Supplies and labor	4 48
3006	do.	Stafford Engraving Co.	Halftones	9 62
3007	do.	L. W. Maxwell	Dairy products furnished depart- ment of dairy husbandry	3 70
3008	do.	W. D. Rohl	do.	7 66
3009	do.	F. Krukewitt	do.	4 39
3010	do.	F. S. Umbanhower	do.	3 53
3011	do.	W. E. Yount	do.	7 03
3012	do.	W. E. Satterfield	do.	5 45
3013	do.	J. D. Perham	do.	4 88
3014	do.	Geo. Osborn	do.	5 54
3015	do.	E. R. Canaday	do.	5 61
3016	do.	Van Carter	do.	3 73
3017	do.	J. H. Umbanhower	do.	4 95
3018	do.	R. A. Lumsden	do.	1 20
3019	do.	H. Wascher	do.	9 90
3020	do.	C. W. Pfeister	do.	4 26
3021	do.	A. G. Guard	do.	1 65
3022	do.	J. F. Hoy	do.	2 08
3023	do.	H. C. Kaufman	do.	2 84
3024	do.	Mart Waterson	do.	4 36
3025	do.	J. E. Henderson	do.	1 58
3026	do.	L. F. Lindsey	do.	2 34
3027	do.	W. F. Hampton	do.	1 72
3028	do.	E. A. Smith	do.	1 95
3029	do.	E. Grove	do.	3 73
3030	do.	J. H. Schwengel	do.	3 33
3031	do.	Lou Creiger	do.	4 32
3032	do.	R. Graham	do.	3 87
3033	do.	P. Hazen	do.	5 33
3034	do.	C. A. Fogel	do.	7 19
3035	do.	F. Knox	do.	5 84
3036	do.	A. Kroner	do.	5 40
3037	do.	S. G. Richards	do.	1 25
3038	do.	Z. Whitehead	do.	2 62
3039	do.	I. T. Webb	do.	3 98
3040	do.	A. W. McJilton	do.	5 11
3041	do.	J. C. Stevenson	do.	3 73
3042	do.	F. H. Busey	do.	4 03
3043	do.	S. T. Carter	do.	4 03
3044	do.	R. H. Brewer	do.	2 87
3045	do.	W. E. Womachs	do.	2 71
3046	do.	P. J. Wagner	do.	5 25
3047	do.	J. B. Marsh	do.	3 00
3048	do.	W. J. Wilson	do.	3 50
3049	do.	C. C. C. & St. L. Ry. Co.	Freight	1 29
3050	do.	David Kinley	Expenses	7 84
3051	do.	David Kinley	do.	11 84
3052	do.	Ralph Hilscher	do.	32 16
3053	do.	M. C. Sjoblom	do.	11 49
3054	do.	E. H. Sargent & Co.	Supplies	127 50
3055	do.	The Burr Co.	do.	3 10
3056	do.	Ernst Hertzberg & Sons	Bookbinding	23 02
3057	do.	Callaghan & Co.	Reports	4 50
3058	do.	The Lawyers Co-op. Publishing Co.	Books	15 00
3059	do.	Illinois State Reformatory	Printing	58 40
3060	do.	D. H. Lloyd	Cards	2 70
3061	do.	American Steel & Wire Co.	Supplies	168 46
3062	do.	J. F. Umpleby	do.	271 85

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
3063	Sept. 17	Strauch Kodak Finishing Shop.....	Developing, etc.....	\$ 1 17
3064	..do....	Engineering News.....	Advertising.....	2 70
3065	..do....	Engineering Record.....	..do.....	8 00
3066	..do....	Statute Law Book Co.....	Books.....	5 65
3067	..do....	W. M. Taylor.....	Supplies.....	7 73
3068	Sept. 18	W. W. Lindley, Postmaster.....	Postage on bulletins.....	50 00
3069	..do....	E. W. Washburn.....	Expenses.....	72 95
3070	..do....	O. M. Allyn.....	Field expenses.....	12 41
3071	..do....	Eimer & Amend.....	Supplies.....	4 10
3072	..do....	Knowlton & Bennett.....	..do.....	3 00
3073	..do....	Twin City Ice & Cold Storage Co.....	Ice.....	2 00
3074	..do....	Mandel Bros.....	Supplies.....	999 09
3075	..do....	Barnhart Bros.....	Staples.....	1 75
3076	..do....	Reliable Plumbing & Heating Co.....	Supplies and labor.....	3 88
3077	..do....	T. H. Flood & Co.....	Books.....	3 50
3078	..do....	Callaghan & Co.....	..do.....	15 75
3079	..do....	Illinois State Reformatory.....	Printing.....	17 35
3080	Sept. 19	E. F. Lyons.....	Dairy products furnished depart- ment of dairy husbandry.....	2 18
3081	..do....	W. H. Frame.....	..do.....	2 48
3082	..do....	A. R. Grindley.....	..do.....	3 17
3083	..do....	Geo. Schiff.....	..do.....	3 47
3084	..do....	Fred Thompson.....	..do.....	2 24
3085	..do....	C. H. Demlow.....	..do.....	1 01
3086	..do....	Frank Scheffer.....	..do.....	5 11
3087	..do....	J. Engelhardt.....	..do.....	9 93
3088	..do....	T. H. Richardson.....	..do.....	3 89
3089	..do....	W. J. Hobson.....	..do.....	3 89
3090	..do....	A. G. Krukewitt.....	..do.....	3 40
3091	..do....	N. Hahn.....	..do.....	5 54
3092	..do....	Z. Alsip.....	..do.....	2 57
3093	..do....	C. Ross.....	..do.....	3 00
3094	..do....	T. F. Jordan.....	..do.....	5 15
3095	..do....	B. Jordan.....	..do.....	2 38
3096	..do....	Mrs. A. Ekblaw.....	..do.....	3 75
3097	..do....	Len Rayburn.....	..do.....	3 40
3098	..do....	T. A. McCracken.....	..do.....	3 47
3099	..do....	W. A. Coonce.....	..do.....	3 14
3100	..do....	Samuel Campbell.....	Tiling.....	184 04
3101	..do....	H. W. Johns-Manville Co.....	Asbestos.....	16 80
3102	..do....	Reliable Plumbing & Heating Co.....	Supplies and labor.....	7 57
3103	..do....	G. W. Sheldon & Co.....	Duty, etc.....	4 43
3104	..do....	William Wesley & Son.....	Books.....	99 75
3105	..do....	Porrua Hnos.....	..do.....	21 04
3106	..do....	Mary S. Snyder.....	Interest, Snyder fund.....	300 00
3107	..do....	Truax & Son.....	Boar.....	245 00
3108	..do....	The Boston Book Co.....	Book.....	5 00
3109	..do....	J. G. Biddle.....	Supplies.....	32 56
3110	..do....	Ernst Hertzberg & Sons.....	Bookbinding.....	23 87
3111	..do....	T. H. Flood & Co.....	Books.....	206 14
3112	..do....	Callaghan & Co.....	..do.....	18 75
3113	..do....	Hazel M. Potter.....	Expenses and rent of typewriter.....	15 00
3114	..do....	Reliable Plumbing & Heating Co.....	Supplies.....	15 06
3115	Sept. 20	A. J. Putscher.....	Dairy products furnished depart- ment of dairy husbandry.....	1 78
3116	..do....	W. F. Hampton.....	..do.....	1 32
3117	..do....	F. G. Diefenbach.....	..do.....	2 74
3118	..do....	D. Wilkens.....	..do.....	3 27
3119	..do....	O. W. Hampton.....	..do.....	2 34
3120	..do....	L. F. Bialaschki.....	..do.....	3 59
3121	..do....	J. Ingelman.....	..do.....	5 01
3122	..do....	T. P. Lyons.....	..do.....	2 05
3123	..do....	J. Godsell.....	..do.....	2 71
3124	..do....	F. H. Busey.....	..do.....	2 21
3125	..do....	E. A. Smith.....	..do.....	1 06
3126	..do....	G. Taylor.....	..do.....	1 62
3127	..do....	T. M. Ghore.....	..do.....	3 06
3128	..do....	M. Leigh.....	..do.....	8 75
3129	..do....	J. Rueb.....	..do.....	3 23
3130	..do....	J. Willsey.....	..do.....	3 93
3131	..do....	E. R. Canaday.....	..do.....	4 19
3132	..do....	H. F. Ridgley.....	..do.....	3 37
3133	..do....	H. C. Kaufman.....	..do.....	1 42
3134	..do....	J. F. Hoy.....	..do.....	1 63
3135	..do....	P. Hazen.....	..do.....	3 75
3136	..do....	C. E. Smoot.....	..do.....	3 93
3137	..do....	C. C. Gordon.....	..do.....	2 08
3138	..do....	C. A. Fogel.....	..do.....	3 56
3139	..do....	J. F. Hubbard.....	..do.....	2 41

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1913.				
3140	Sept. 20	L. G. Van Buskirk.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 2 08
3141	do.	R. S. McInnes.....	do.	1 82
3142	do.	H. I. Nelson.....	do.	3 96
3143	do.	D. Hahn.....	do.	5 74
3144	do.	Wm. Case.....	do.	4 39
3145	do.	H. Wascher.....	do.	4 03
3146	do.	W. E. Womachs.....	do.	2 11
3147	do.	E. P. Ott.....	do.	3 27
3148	do.	Geo. Osborn.....	do.	5 41
3149	do.	A. G. Krukewitt.....	do.	4 29
3150	do.	W. J. Carmichael.....	Expenses.....	10 27
3151	do.	The Sneed & Co. Iron Works.....	Payment on bookstack material.....	441 80
3152	do.	English Brothers, Contractors.....	Final payment on contract.....	5,426 53
3153	do.	Freeman & Brooks, Contractors.....	do.	1,131 54
3154	do.	A. W. Stoolman, Contractor.....	do.	1,302 52
3155	do.	G. W. Sheldon & Co.....	Duty, etc.....	6 19
3156	do.	Grant Carpenter.....	Use of rig.....	2 50
3157	Sept. 22	O. W. Hoyt.....	Expenses.....	219 47
3158	do.	H. V. Roberts.....	Slides, repairing, etc.....	111 10
3159	do.	Roy Charles.....	Tiling.....	92 58
3160	Sept. 24	E. Grove.....	Dairy products furnished depart- ment of dairy husbandry.....	4 82
3161	do.	Lou Craigier.....	do.	4 88
3162	do.	Jno. Englehardt.....	do.	4 55
3163	do.	C. Allen.....	do.	2 97
3164	do.	Geo. Schiff.....	do.	5 21
3165	do.	L. W. Davis.....	do.	4 29
3166	do.	Andrew Shields.....	do.	6 60
3167	do.	A. Ekblaw.....	do.	4 06
3168	do.	J. A. Daeger.....	do.	5 37
3169	do.	W. L. Davis.....	do.	5 50
3170	do.	C. Ross.....	do.	3 93
3171	do.	B. Jordan.....	do.	4 95
3172	do.	Grant Freeman.....	do.	3 99
3173	do.	Earl Myler.....	do.	5 15
3174	do.	I. W. Maxwell.....	do.	3 14
3175	do.	C. W. Pfeister.....	do.	3 04
3176	do.	J. M. Stickrod.....	do.	5 35
3177	do.	C. C. Gordon.....	do.	1 19
3178	do.	L. F. Lindsey.....	do.	2 97
3179	do.	W. H. Webb.....	do.	1 25
3180	do.	Mart Watterson.....	do.	3 50
3181	do.	J. E. Henderson.....	do.	2 77
3182	do.	J. F. Hoy.....	do.	1 45
3183	do.	H. C. Kaufman.....	do.	1 55
3184	do.	W. F. Hampton.....	do.	2 11
3185	do.	G. F. Diefenbach.....	do.	2 24
3186	do.	R. A. Lumsden.....	do.	2 22
3187	do.	Pearl Hazen.....	do.	4 68
3188	do.	G. Osborn.....	do.	6 34
3189	do.	Ed. Heppe.....	do.	5 21
3190	do.	Nicholas Hahn.....	do.	5 25
3191	do.	Frank Hetro.....	do.	5 74
3192	do.	F. H. Busey.....	do.	4 75
3193	do.	M. Leigh.....	do.	5 91
3194	do.	J. B. Marsh.....	do.	3 37
3195	do.	P. J. Wagner.....	do.	6 96
3196	do.	Frank Knox.....	do.	5 54
3197	do.	R. H. Brewer.....	do.	2 90
3198	do.	J. C. Shrock.....	do.	5 51
3199	do.	J. J. Cender.....	do.	4 73
3200	do.	T. H. Richardson.....	do.	4 49
3201	do.	C. J. Von Holten.....	do.	4 32
3202	do.	J. W. Willsey.....	do.	3 86
3203	do.	The Wabash R. R.....	Freight.....	7 47
3204	do.	C. C. C. & St. L. Ry. Co.....	do.	1 25
3205	do.	E. I. Du Pont De Nemours Powder Co.....	Supplies.....	1 09
3206	do.	American Steel & Wire Co.....	do.	7 05
3207	do.	Stafford Engraving Co.....	Half-tones.....	3 42
3208	do.	Walrus Mfg. Co.....	Furniture.....	276 20
3209	do.	M. W. Busey.....	Expenses.....	150 00
3210	do.	National Engraving Co.....	Etchings.....	30 75
3211	do.	Edward Bartow.....	Expenses.....	144 15
3212	do.	J. F. Schnellbach.....	do.	10 25
3213	do.	Henry Troemner.....	Apparatus.....	713 44
3214	Sept. 27	C. W. Hamm.....	Dairy products furnished depart- ment of dairy husbandry.....	1 72
3215	do.	H. I. Nelson.....	do.	84

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
3216	1913. Sept. 27	Geo. Shift.....		
3217	do.....	Fred Thompson.....	Dairy products furnished depart-	\$ 3 80
3218	do.....	A. R. Grindley.....	ment of dairy husbandry.....	2 64
3219	do.....	G. M. Seeber.....	do.....	2 21
3220	do.....	H. F. Ridgely.....	do.....	6 70
3221	do.....	Ed. Hucks.....	do.....	2 61
3222	do.....	Wm. Leischner.....	do.....	1 19
3223	do.....	M. Cherry.....	do.....	4 55
3224	do.....	C. A. Fogel.....	do.....	3 89
3225	do.....	S. T. Carter.....	do.....	4 19
3226	do.....	T. F. Jordan.....	do.....	6 53
3227	do.....	B. Jordan.....	do.....	4 26
3228	do.....	C. Ross.....	do.....	3 56
3229	do.....	W. E. Yount.....	do.....	7 43
3230	do.....	F. S. Umbanhowar.....	do.....	4 55
3231	do.....	F. H. Umbanhowar.....	do.....	5 28
3232	do.....	F. W. Howell.....	do.....	3 04
3233	do.....	E. R. Canady.....	do.....	6 47
3234	do.....	W. D. Rohl.....	do.....	7 95
3235	do.....	O. A. Foster.....	do.....	4 25
3236	do.....	D. B. White.....	do.....	3 56
3237	do.....	G. H. Spangler.....	do.....	7 06
3238	do.....	C. H. Denlow.....	do.....	4 06
3239	do.....	E. Grove.....	do.....	5 15
3240	do.....	Lon Greiger.....	do.....	5 41
3241	do.....	T. P. Lyons.....	do.....	2 24
3242	do.....	John Godsell.....	do.....	2 67
3243	do.....	J. F. Hoy.....	do.....	1 39
3244	do.....	H. C. Kaufman.....	do.....	2 64
3245	do.....	E. A. Smith.....	do.....	3 17
3246	do.....	O. W. Hampton.....	do.....	2 11
3247	do.....	L. F. Lindsey.....	do.....	2 41
3248	do.....	G. Taylor.....	do.....	2 11
3249	do.....	W. F. Hampton.....	do.....	3 33
3250	do.....	David Wilkins.....	do.....	2 31
3251	do.....	A. J. Putscher.....	do.....	2 58
3252	do.....	Pearl Hazen.....	do.....	4 41
3253	do.....	T. M. Ghore.....	do.....	4 16
3254	do.....	John Rueb.....	do.....	3 40
3255	do.....	Jas. Freeman.....	do.....	4 09
3256	do.....	W. J. Wilson.....	do.....	3 27
3257	do.....	L. G. Van Buskirk.....	do.....	3 70
3258	do.....	Wm. Case.....	do.....	4 06
3259	do.....	W. D. Rohl.....	do.....	4 95
3260	do.....	Geo. Osborn.....	do.....	6 01
3261	do.....	Van Carter.....	do.....	4 03
3262	do.....	W. E. Satterfield.....	do.....	5 58
3263	do.....	F. H. Bussey.....	do.....	3 47
3264	do.....	E. R. Canady.....	do.....	3 96
3265	do.....	Louie J. Wlenke.....	do.....	3 37
3266	do.....	J. F. Hubbard.....	do.....	2 71
3267	do.....	W. E. Heyer.....	do.....	2 30
3268	do.....	Joseph Mounts.....	do.....	6 06
3269	do.....	W. T. Hobson.....	do.....	4 29
3270	do.....	Earl Myler.....	do.....	4 13
3271	do.....	H. F. Ferguson.....	Salary, September, 1913.....	90 00
3272	do.....	W. W. Hanford.....	do.....	60 00
3273	do.....	M. E. Hinds.....	do.....	10 00
3274	do.....	W. F. Langelier.....	Balance, Salary, September, 1913.....	125 00
3275	do.....	F. W. Mohlman.....	Salary, September, 1913.....	70 00
3276	do.....	J. F. Schnellbach.....	do.....	75 00
3277	do.....	M. C. Sjoblom.....	do.....	75 00
3278	do.....	F. W. Tanner.....	do.....	70 00
3279	do.....	Carmen F. Harnack.....	do.....	75 00
3280	do.....	Eliza Hart.....	do.....	65 00
3281	do.....	Marie Jester.....	do.....	41 66
3282	do.....	J. J. Johnson.....	do.....	55 00
3283	do.....	Jennie B. McMullen.....	do.....	50 00
3284	do.....	E. A. White.....	do.....	175 00
3285	do.....	J. H. Belt.....	Fellowship, September, 1913.....	50 00
3286	do.....	H. F. Hadley.....	do.....	50 00
3287	do.....	Rudolph McDermet.....	do.....	50 00
3288	do.....	G. A. Maney.....	do.....	50 00
3289	do.....	Julian Montgomery.....	do.....	50 00
3290	do.....	R. B. Pogue.....	do.....	50 00
3291	do.....	H. J. Thomas.....	do.....	50 00
3292	do.....	W. J. Wohlenberg.....	do.....	50 00
3293	do.....	A. E. Keys, Contractor.....	Part payment on certificate No. 3.....	50 00

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1913.				
3294	Sept. 27	A. E. Keys, Contractor	Part payment on certificate No. 3	\$ 50 00
3295	do	O. E. Staples, Bursar	Labor paid in cash	862 55
3296	do	O. E. Staples, Bursar	Rebates, etc.	550 00
3297	do	O. E. Staples, Bursar	Petty cash bills	77 15
3298	do	O. E. Staples, Bursar	do	79 78
3299	do	A. E. Keys, Contractor	Amount due on certificate No. 3	70 75
3300	do	W. H. Boyer	Loan from Snyder fund	200 00
3301	do	A. M. Barrean	do	150 00
3302	do	B. Dass	do	200 00
3303	do	Ruth Halliday	do	200 00
3304	do	M. B. Higgins	do	200 00
3305	do	K. A. McCaskill	do	200 00
3306	do	Ina V. Meredith	do	200 00
3307	do	W. C. Stevens	do	150 00
3308	do	Mabel E. Schadt	Loan from Woman's League Loan fund	200 00
3309	do	C. H. Cowgill	Loan from McKinley fund	250 00
3310	do	A. B. Hammitt	do	200 00
3311	Sept. 29	General Electric Co.	Supplies	68 00
3312	do	G. E. Stechert & Co.	Books	15 92
3313	do	Williams Bros.	Tinting	75 00
3314	do	E. H. Sargent & Co.	Supplies	7 90
3315	do	Jno. B. Bennett	Drains on South Farm	489 37
3316	do	Bacon Bros.	Glass	1 90
3317	do	F. W. Tanner	Expenses	5 70
3318	do	H. F. Ferguson	do	7 20
3319	do	N. B. Stiles & Co.	Stationery	12 50
3320	do	Charles Roundtree	Ewes	40 00
3321	do	Lloyds Banks Limited	Subscription	10 25
3322	do	O. M. Allyn	Expenses	13 46
3323	do	Bausch & Lomb Optical Co.	Supplies	1,235 50
3324	do	Stipes & Hecker	do	38 00
3325	do	Paul Hansen	Expenses	81 05
3326	do	Keuffel & Esser Co.	Supplies	7 32
3327	do	D. Appleton & Co.	Book	6 00
3328	do	Central Electric Co.	Supplies	4 50
3329	do	J. W. Brendle	Fig.	32 00
3330	do	Vaughan's Seed Store	Supplies	244 70
3331	do	Ralph Hilscher	Expenses	11 05
3332	do	Alexander Lumber Co.	Lumber	27 19
3333	do	John B. Bennett	Drains	81 25
3334	do	S. E. Dillavou	Supplies and repairs	39 30
3335	do	O. E. Staples, Bursar	Rebates	500 50
3336	do	Louis Allen	Scholarship, September, 1913.	25 00
3337	do	Louise Austin	do	25 00
3338	do	Paul Bayley	do	25 00
3339	do	Lillian Blaney	do	25 00
3340	do	A. R. Brandner	do	25 00
3341	do	Lois A. Browne	do	25 00
3342	do	Helen Clark	do	25 00
3343	do	Lois M. Coultas	do	25 00
3344	do	Helen I. Cushing	do	25 00
3345	do	Ida B. Dewey	do	25 00
3346	do	L. N. Fisher	do	25 00
3347	do	Philip Garman	do	25 00
3348	do	Aloa A. Hackett	do	25 00
3349	do	A. O. Heck	do	25 00
3350	do	Nelle L. Ingels	do	25 00
3351	do	Jessie J. Kile	do	25 00
3352	do	C. K. Knight	do	25 00
3353	do	Viola E. Knoche	do	25 00
3354	do	C. W. Lantz	do	25 00
3355	do	Matthew Lawrence	do	25 00
3356	do	Warren Lincoln	do	25 00
3357	do	E. L. McKenna	do	25 00
3358	do	Howard Mathews	do	25 00
3359	do	Lois M. Miles	do	25 00
3360	do	Jessie F. Miller	do	25 00
*3361	do	M. L. Nebel	do	25 00
3362	do	D. F. Pasmore	do	25 00
3363	do	Karr Parker	do	25 00
3364	do	N. L. Partridge	do	25 00
3365	do	P. A. Paulson	do	25 00
3366	do	S. H. Ray	do	25 00
3367	do	H. P. Reeves	do	25 00
3368	do	O. P. Schinnerer	do	25 00
*3369	do	Mildred C. Seyster	do	25 00
3370	do	W. A. Shewhart	do	25 00

\* Canceled.



## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
3371	Sept. 29, 1913.	Thakia M. Stephens	Scholarship, September, 1913.	\$ 25 00
3372	do.	R. S. Smith	do.	25 00
3373	do.	W. E. Stevens	do.	25 00
3374	do.	C. N. Stokes	do.	25 00
3375	do.	W. W. Sullivan	do.	25 00
3376	do.	Margaret K. Thelen	do.	25 00
3377	do.	Edna E. Thorne	do.	25 00
3378	do.	Mabel E. Thorne	do.	25 00
3379	do.	A. S. Wilbur	do.	25 00
3380	do.	W. H. Wilson	do.	25 00
3381	do.	H. C. Wolf	do.	25 00
3382	do.	W. S. Wolfe	do.	25 00
3383	do.	R. W. Brown	Fellowship, September, 1913.	35 00
3384	do.	W. E. Carroll	do.	40 00
3385	do.	F. E. Clark	do.	35 00
3386	do.	J. L. Conel	do.	35 00
3387	do.	S. P. Farwell	do.	40 00
3388	do.	S. B. Fracker	do.	35 00
3389	do.	Elizabeth M. Giffins	do.	30 00
3390	do.	J. E. Gubarlet	do.	40 00
3391	do.	O. E. Harder	do.	30 00
3392	do.	E. O. Heuse	do.	40 00
3393	do.	C. E. Holley	do.	35 00
3394	do.	J. W. Howard	do.	30 00
3395	do.	Morris Johnson	do.	40 00
3396	do.	E. A. T. Kircher	do.	40 00
3397	do.	P. A. Lehenbauer	do.	35 00
3398	do.	Wallace Macfarlane	do.	35 00
3399	do.	H. H. McGregor	do.	40 00
3400	do.	L. C. Mathewson	do.	35 00
3401	do.	E. B. Millard	do.	40 00
3402	do.	J. E. Miller	do.	35 00
3403	do.	A. F. Peine	do.	35 00
3404	do.	F. A. Russell	do.	35 00
3405	do.	Lily B. Vogelein	do.	30 00
3406	do.	Minnie E. Watson	do.	30 00
3407	do.	Quincy Wright	do.	30 00
3408	do.	F. A. Wyatt	do.	35 00
3409	Sept. 30	E. F. Lyon	Dairy products furnished department of dairy husbandry	5 05
3410	do.	John Englehardt	do.	4 29
3411	do.	Ralph Smith	do.	2 71
3412	do.	J. M. Stickerod	do.	10 36
3413	do.	G. M. Seeber	do.	8 05
3414	do.	J. E. Henderson	do.	2 67
3415	do.	C. Allen	do.	1 91
3416	do.	Geo. Schiff	do.	5 21
3417	do.	W. L. Davis	do.	3 58
3418	do.	I. T. Webb	do.	2 17
3419	do.	G. C. Cochran	do.	5 21
3420	do.	A. Kroner	do.	2 17
3421	do.	C. J. Gillespie	do.	7 56
3422	do.	F. S. Umbanhowar	do.	4 32
3423	do.	T. F. Jordan	do.	9 11
3424	do.	Frank Knox	do.	3 27
3425	do.	B. Jordan	do.	3 27
3426	do.	C. Ross	do.	3 76
3427	do.	F. C. Stevenson	do.	3 05
3428	do.	J. Ingelman	do.	5 27
3429	do.	L. F. Baleschschl.	do.	3 75
3430	do.	J. P. Yeazel	do.	4 95
3431	do.	Andrew Shields	do.	6 10
3432	do.	L. W. Maxwell	do.	4 22
3433	do.	L. J. Towne	Salary, August, 1913.	150 00
3434	do.	W. E. Womacks	Dairy products furnished department of dairy husbandry	3 12
3435	do.	W. F. Hampton	do.	4 08
3436	do.	C. C. Gordon	do.	2 38
3437	do.	R. S. McInness	do.	1 45
3438	do.	Lou Oefeger	do.	5 02
3439	do.	E. A. Smith	do.	2 67
3440	do.	J. F. Hoy	do.	2 18
3441	do.	H. C. Kaufman	do.	2 54
3442	do.	L. F. Lindsey	do.	1 85
3443	do.	D. B. White	do.	5 35
3444	do.	Fred Krikewilt	do.	6 50
3445	do.	Frank Hetro	do.	5 81
3446	do.	Pearl Hazen	do.	4 51
3447	do.	Daniel Hahn	do.	5 41

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
3448	Sept. 30	W. E. Younts.....	Dairy products furnished department of dairy products.....	\$ 45 69
3449	do.....	J. H. Umbanhowar.....	do.....	5 21
3450	do.....	Nicholas Hahn.....	do.....	6 11
3451	do.....	John Rueb.....	do.....	4 06
3452	do.....	E. M. Frankenberg.....	do.....	2 51
3453	do.....	Z. Alsip.....	do.....	5 18
3454	do.....	Van Carter.....	do.....	3 96
3455	do.....	E. R. Canady.....	do.....	3 83
3456	do.....	F. W. Howell.....	do.....	2 77
3457	do.....	M. Leigh.....	do.....	8 61
3458	do.....	P. J. Wagner.....	do.....	6 11
3459	do.....	Geo. Osborn.....	do.....	5 41
3460	do.....	F. H. Busey.....	do.....	4 32
3461	do.....	True Drennan.....	do.....	4 02
3462	do.....	A. W. McJilton.....	do.....	4 12
3463	do.....	T. H. Richardson.....	do.....	4 88
3464	do.....	C. J. VonHolten.....	do.....	4 49
3465	do.....	T. Lyons.....	Wages, September, 1913.....	9 60
3466	do.....	W. W. Trimble.....	do.....	11 60
3467	do.....	Nathan Meltz.....	do.....	4 00
3468	do.....	C. G. Bond.....	do.....	6 25
3469	do.....	Samuel Campbell.....	Tiling.....	117 52
3470	do.....	Roy Chales.....	do.....	61 65
3471	do.....	The Burr Co.....	Steel.....	2 94
3472	do.....	Karl W. Hiersemann.....	Books.....	693 73
3473	do.....	Ernst Hertzberg & Sons.....	Bookbinding.....	4 04
3474	do.....	G. W. Sheldon & Co.....	Duty, etc.....	25 61
3475	do.....	G. E. Stechert & Co.....	Books.....	69 19
3476	do.....	R. A. Lumsden.....	Dairy products furnished department of dairy husbandry.....	1 49
3477	do.....	R. T. Lumsden.....	do.....	3 15
3478	do.....	John Weiss.....	do.....	17 92
3479	do.....	W. H. Webb.....	do.....	1 83
3480	do.....	Cora Stackler.....	do.....	3 89
3481	do.....	S. Atchison.....	do.....	4 52
3482	do.....	John McCullough.....	do.....	31 12
3483	do.....	Robert Graham.....	do.....	8 82
3484	Oct. 2	The Wabash R. R. Co.....	Freight.....	14 63
3485	do.....	C. C. & St. L. Ry. Co.....	do.....	1 09
3486	Sept. 30	Jas. F. Umpleby.....	Concrete fence posts.....	203 36
3487	do.....	Stipes & Hecker.....	Gravel, sand, cement.....	49 00
3488	do.....	Barnhart Bros.....	Staples.....	1 75
3489	do.....	A. E. Keys.....	Payment on contract.....	229 50
3490	do.....	O. M. Allyn.....	Traveling expenses.....	12 81
3491	Oct. 3	Mart Watterson.....	Dairy products furnished department of dairy husbandry.....	2 90
3492	do.....	W. H. Frame.....	do.....	4 06
3493	do.....	Geo. Schiff.....	do.....	3 73
3494	do.....	A. R. Grindley.....	do.....	4 26
3495	do.....	H. I. Nelson.....	do.....	2 87
3496	do.....	G. M. Seeber.....	do.....	4 29
3497	do.....	C. J. Gillespie.....	do.....	4 32
3498	do.....	Wm. Leischner.....	do.....	5 02
3499	do.....	C. A. Fogel.....	do.....	8 12
3500	do.....	C. Ross.....	do.....	4 13
3501	do.....	B. Jordan.....	do.....	4 26
3502	do.....	T. F. Jordan.....	do.....	6 30
3503	do.....	J. A. Daeger.....	do.....	4 92
3504	do.....	J. D. Perham.....	do.....	3 50
3505	do.....	Andrew Shields.....	do.....	6 39
3506	do.....	C. E. Smoot.....	do.....	5 45
3507	do.....	L. F. Bialeschski.....	do.....	2 39
3508	do.....	English Bros. Contractors.....	Building contract.....	22, 016 22
3509	do.....	A. E. Keys, Contractor.....	Drains.....	461 92
3510	do.....	Riechoff Bakery.....	Cakes.....	5 00
3511	do.....	G. E. Stechert & Co.....	Books.....	101 66
3512	do.....	Dodd, Mead & Co.....	do.....	104 50
3513	do.....	Institution of Mining and Metallurgy.....	do.....	76 60
3514	do.....	John Wiley & Sons.....	Library supplies.....	2 00
3515	do.....	R. C. Wagner & Son.....	Grading.....	4 50
3516	do.....	George W. Medley.....	Field expenses.....	76 87
3517	do.....	Tower Mfg. & Novelty Co.....	Office supplies.....	176 95
3518	do.....	Twin City Bindery & Blank Book Co.....	Printing.....	3 50
3519	do.....	C. H. Blackall.....	Services as architect.....	962 36
3520	do.....	The Cleveland Grain Co.....	Grain.....	1, 062 50
3521	do.....	L. E. Knorr.....	Traveling expenses.....	10 54
3522	do.....	A. C. Speedie.....	Labor.....	15 60
3523	do.....	Chas. Gundlock.....	do.....	16 33

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1913.				
3524	Oct. 3	A. Bevis.....	Labor.....	\$ 85 80
3525	do	W. R. Bradley & Co. ....	Ice cream.....	12 50
3526	Oct. 4	O. E. Staples, Bursar .....	Rebates.....	558 00
3527	do	O. E. Staples, Bursar .....	Express.....	6 24
3528	do	Ellen M. Henrotin.....	Expenses.....	13 89
3529	Oct. 6	H. C. Kaufman.....	Dairy products furnished depart- ment of dairy husbandry.....	1 98
3530	do	T. P. Lyons.....	do.....	3 43
3531	do	L. F. Lindsey.....	do.....	1 95
3532	do	R. T. Lumsden.....	do.....	1 35
3533	do	W. F. Hampton.....	do.....	2 18
3534	do	Lou Creiger.....	do.....	4 82
3535	do	John Godsell.....	do.....	2 57
3536	do	David Wilkin.....	do.....	1 32
3537	do	A. J. Putscher.....	do.....	1 71
3538	do	O. W. Hampton.....	do.....	1 52
3539	do	W. J. Wilson.....	do.....	2 15
3540	do	G. H. Spencer.....	do.....	6 14
3541	do	J. H. Umbanhowar.....	do.....	5 15
3542	do	M. Cherry.....	do.....	2 81
3543	do	W. D. Rohl.....	do.....	5 35
3544	do	Grant Freeman.....	do.....	4 03
3545	do	Geo. Osborn.....	do.....	5 28
3546	do	John Rueb.....	do.....	3 37
3547	do	J. B. Marsh.....	do.....	3 43
3548	do	Ed. Heppe.....	do.....	5 15
3549	do	E. R. Canady.....	do.....	5 91
3550	do	L. G. Van Buskirk.....	do.....	3 27
3551	do	J. F. Hubbard.....	do.....	2 64
3552	do	R. H. Brewer.....	do.....	3 06
3553	do	Wm. Case.....	do.....	4 49
3554	do	H. Cherry.....	do.....	3 96
3555	do	Frank Knox.....	do.....	4 52
3556	do	W. E. Satterfield.....	do.....	4 85
3557	do	W. E. Heyer.....	do.....	3 19
3558	do	F. H. Busey.....	do.....	3 56
3559	do	C. W. Pfeister.....	do.....	4 29
3560	do	L. W. Davis.....	do.....	7 46
3561	do	John Willsey.....	do.....	5 21
3562	do	W. T. Hobson.....	do.....	4 09
3563	do	Earl Myler.....	do.....	4 59
3564	do	G. W. Clark.....	do.....	3 73
3565	do	E. R. Mch.....	Salary, July, August, September.....	282 40
3566	do	Frances Garwood.....	Salary, September, 1913.....	50 00
3567	do	Elizabeth H. Cass.....	do.....	32 50
3568	do	Mary E. Love.....	do.....	20 00
3569	do	Hazel Y. Shaw.....	do.....	20 00
3570	do	H. J. Vanderbeek.....	do.....	65 00
3571	do	Lillian Strong.....	do.....	50 00
3572	do	W. L. Burlison.....	do.....	116 66
3573	do	C. R. Clark.....	do.....	166 66
3574	do	W. C. Titcomb.....	do.....	175 00
3575	do	C. R. Newell.....	do.....	85 00
3576	do	C. A. Manuel.....	do.....	30 00
3577	do	C. L. Stewart.....	do.....	70 00
3578	do	David Thompson.....	do.....	40 00
3579	do	B. F. Lamb.....	do.....	25 00
3580	do	J. J. Gardner.....	do.....	100 00
3581	do	Nelle E. Branch.....	do.....	32 50
3582	do	John Bredius.....	do.....	7 61
3583	do	J. Glen Christy.....	do.....	15 23
3584	do	J. G. Eppinger.....	do.....	8 46
3585	do	Mable H. Gibson.....	do.....	75 00
3586	do	Katherine S. Oaks.....	do.....	125 00
3587	do	R. L. Borger.....	do.....	95 00
3588	do	L. T. Jones.....	do.....	30 00
3589	do	Margaret V. Cobb.....	do.....	60 00
*3590	do	F. B. Hanson.....	do.....	50 00
3591	do	G. W. Spindler.....	do.....	
3592	Oct. 7	Williams Patent Crusher & Pulverizer Co.....	Laboratory apparatus.....	125 00
3593	do	Walker & Mulliken.....	Stools.....	5 25
3594	do	P. Adams.....	Live stock.....	30 25
3595	do	Scientific Materials Co.....	Laboratory apparatus.....	102 00
3596	do	Otis Elevator Co.....	Payment on contract.....	300 00
3597	do	Stipes & Hecker.....	General supplies.....	25 60
3598	do	The Burr Co.....	Laboratory apparatus.....	73 30
3599	do	O. Kircher.....	Clerical assistance.....	63 40

\* Canceled.

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
3600	Oct. 7	B. F. Sides.....	Feeding supplies.....	\$252 00
3601	..do....	George E. Frazer.....	Traveling expenses.....	33 02
3602	..do....	M. W. Busey.....	Clerical assistance.....	150 00
3603	..do....	Arthur Phillips.....	Baled straw.....	19 05
3604	..do....	D. R. Lee.....	Labor.....	133 25
3605	..do....	Geo. E. Amsbary Co.....	Wheat bran.....	51 00
3606	..do....	G. M. Seeber.....	Dairy products furnished depart-	
			ment of dairy husbandry.....	5 61
3607	..do....	Ralph Smith.....	..do....	2 71
3608	..do....	J. M. Stickrod.....	..do....	9 77
3609	..do....	E. F. Lyons.....	..do....	3 40
3610	..do....	Geo. Schiff.....	..do....	4 98
3611	..do....	C. Allen.....	..do....	1 82
3612	..do....	J. E. Henderson.....	..do....	3 27
3613	..do....	C. W. Hamm.....	..do....	1 35
3614	..do....	C. J. Gillespie.....	..do....	7 95
3615	..do....	D. S. Herriott.....	..do....	4 52
3616	..do....	S. T. Carter.....	..do....	3 83
3617	..do....	B. Jordan.....	..do....	6 86
3618	..do....	T. F. Jordan.....	..do....	9 50
3619	..do....	C. Ross.....	..do....	4 39
3620	..do....	W. L. Davis.....	..do....	4 88
3621	..do....	E. L. Martin.....	..do....	3 83
3622	..do....	J. C. Shrock.....	..do....	5 27
3623	..do....	O. A. Foster.....	..do....	4 15
3624	..do....	I. W. Maxwell.....	..do....	6 44
3625	..do....	Prof. I. O. Baker.....	Clerical assistant.....	2 85
3626	..do....	Pantagraph Printing & Stationery Co.....	Printing.....	379 77
3627	Oct. 9	H. C. Kaufman.....	Dairy products furnished depart-	
			ment of dairy husbandry.....	2 54
3628	..do....	J. F. Hoy.....	..do....	3 17
3629	..do....	E. Grove.....	..do....	4 88
3630	..do....	Lou Creiger.....	..do....	4 65
3631	..do....	W. F. Hampton.....	..do....	2 87
3632	..do....	E. A. Smith.....	..do....	1 68
3633	..do....	R. A. Lumsden.....	..do....	2 51
3634	..do....	R. S. McInness.....	..do....	1 09
3635	..do....	C. C. Gordon.....	..do....	2 34
3636	..do....	R. T. Lumsden.....	..do....	1 82
3637	..do....	A. J. Putscher.....	..do....	1 62
3638	..do....	L. F. Lindsey.....	..do....	2 31
3639	..do....	J. J. Cender.....	..do....	5 37
3640	..do....	Jno. Englehardt.....	..do....	2 97
3641	..do....	Z. Alsip.....	..do....	4 42
3642	..do....	Joseph Mounts.....	..do....	6 00
3643	..do....	Pearl Hazen.....	..do....	7 01
3644	..do....	F. S. Umbanhowar.....	..do....	3 70
3645	..do....	W. E. Yount.....	..do....	6 34
3646	..do....	C. A. Fogel.....	..do....	3 96
3647	..do....	T. M. Ghere.....	..do....	3 60
3648	..do....	P. J. Wagner.....	..do....	6 60
3649	..do....	E. R. Canady.....	..do....	6 44
3650	..do....	W. D. Rohl.....	..do....	4 59
3651	..do....	Frank Knox.....	..do....	5 21
3652	..do....	A. G. Krukewitt.....	..do....	4 06
3653	..do....	John Rueb.....	..do....	3 10
3654	..do....	W. E. Womacks.....	..do....	2 84
3655	..do....	Nicholas Hahn.....	..do....	6 90
3656	..do....	D. B. White.....	..do....	6 93
3657	..do....	Louie Wienke.....	..do....	3 69
3658	..do....	Frank Hetro.....	..do....	5 61
3659	..do....	M. Leigh.....	..do....	8 61
3660	..do....	Andrew Eckblaw.....	..do....	4 09
3661	..do....	F. H. Busey.....	..do....	4 85
3662	..do....	J. P. Yeazel.....	..do....	4 03
3663	..do....	Geo. Osborn.....	..do....	9 74
3664	..do....	Van Carter.....	..do....	4 22
3665	..do....	Andrew Shields.....	..do....	6 67
3666	..do....	Wm. Leischner.....	..do....	5 08
3667	..do....	John Ingelman.....	..do....	5 35
3668	..do....	T. H. Richardson.....	..do....	3 00
3669	..do....	W. W. Myers.....	..do....	4 29
3670	..do....	Percy Ash.....	Salary, September, 1913.....	208 33
3671	..do....	D. F. McFarland.....	..do....	166 66
3672	..do....	O. H. Moore.....	Salary, part of September, 1913.....	20 00
3673	..do....	F. C. Loring.....	Salary, September, 1913.....	130 00
3674	..do....	F. B. Hanson.....	..do....	10 00
3675	..do....	Maud Parsons.....	..do....	116 66
3676	..do....	H. M. Cassiday.....	..do....	7 69

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
3677	Oct. 9	E. O. Fontaine.....	Salary, September, 1913.....	\$ 9 69
3678	..do..	C. L. Harlan.....	..do.....	50 00
3679	..do..	A. R. Seymour.....	..do.....	166 66
3680	..do..	H. F. Lewis.....	..do.....	50 00
3681	..do..	O. E. Staples, Bursar.....	Students paid in cash.....	566 17
3682	..do..	O. E. Staples, Bursar.....	Rebates paid in cash.....	404 25
3683	..do..	O. E. Staples, Bursar.....	Sundry bills paid in cash.....	96 40
3684	..do..	O. E. Staples, Bursar.....	Temporary labor paid in cash.....	445 95
3685	Oct. 10	Williams Bros., Contractors.....	Payment of contract.....	370 71
3686	..do..	Burroughs Adding Machine Co.....	Repairs.....	23 04
3687	..do..	Alexander Lumber Co.....	Lumber.....	11 00
3688	Oct. 11	T. P. Lyon.....	Dairy products furnished depart- ment of dairy husbandry.....	3 00
3689	..do..	J. M. Stickrod.....	..do.....	5 51
3690	..do..	Earl Myler.....	..do.....	4 95
3691	..do..	David Wilkin.....	..do.....	1 91
3692	..do..	Lou Creiger.....	..do.....	4 52
3693	..do..	E. Grove.....	..do.....	4 55
3694	..do..	H. C. Kaufman.....	..do.....	2 24
3695	..do..	O. W. Hampton.....	..do.....	2 21
3696	..do..	J. F. Hoy.....	..do.....	1 16
3697	..do..	James Freeman.....	..do.....	3 93
3698	..do..	F. W. Howell.....	..do.....	2 34
3699	..do..	J. H. Umbanhowar.....	..do.....	5 15
3700	..do..	Geo. Osborn.....	..do.....	5 38
3701	..do..	Wm. Case.....	..do.....	3 70
3702	..do..	J. F. Hubbard.....	..do.....	2 87
3703	..do..	W. D. Rohl.....	..do.....	5 35
3704	..do..	L. G. VanBuskirk.....	..do.....	3 04
3705	..do..	Ed. Heppe.....	..do.....	4 09
3706	..do..	Frank Hetro.....	..do.....	5 12
3707	..do..	J. H. Rutan.....	..do.....	2 94
3708	..do..	E. R. Canady.....	..do.....	6 73
3709	..do..	David Hahn.....	..do.....	5 21
3710	..do..	C. W. Pfeister.....	..do.....	2 57
3711	..do..	F. H. Busey.....	..do.....	3 56
3712	..do..	C. J. Gillespie.....	..do.....	4 32
3713	..do..	I. W. Maxwell.....	..do.....	4 03
3714	..do..	Jno Willsey.....	..do.....	5 64
3715	..do..	W. T. Hobeson.....	..do.....	4 55
3716	..do..	G. W. Clark.....	..do.....	3 53
3717	..do..	W. H. Frame.....	..do.....	3 60
3718	..do..	John Godsell.....	..do.....	3 10
3719	..do..	Mart Watterson.....	..do.....	3 17
3720	..do..	Geo. Schiff.....	..do.....	3 53
3721	..do..	A. R. Grindley.....	..do.....	2 31
3722	..do..	C. Ross.....	..do.....	4 22
3723	..do..	T. F. Jordan.....	..do.....	7 36
3724	..do..	B. Jordan.....	..do.....	5 91
3725	..do..	Andrew Shields.....	..do.....	6 41
3726	..do..	G. C. Cochran.....	..do.....	5 31
3727	..do..	J. M. Herriott.....	..do.....	4 38
3728	..do..	C. A. Fogel.....	..do.....	3 83
3729	..do..	C. J. Vonholten.....	..do.....	4 39
3730	Oct. 13	R. J. Stone.....	Ewes.....	110 00
3731	Oct. 14	Cleveland Grain Co.....	Oats.....	630 00
3732	..do..	M. L. Nebel.....	Salary, September, 1913.....	50 00
3733	..do..	J. R. Wells.....	..do.....	83 33
3734	..do..	T. E. Laying.....	..do.....	60 00
3735	..do..	James Hutchinson.....	..do.....	100 00
3736	..do..	W. A. Chase.....	..do.....	200 00
3737	..do..	T. R. Ball.....	..do.....	30 00
3738	..do..	A. C. Willard.....	..do.....	200 00
3739	..do..	S. D. Marquis.....	..do.....	30 00
3740	..do..	C. R. Richards.....	Salary, July and August, 1913.....	125 00
3741	..do..	Laura B. Evans.....	Expenses.....	86 88
3742	..do..	Florence Elinor Watson.....	..do.....	22 59
3743	..do..	John R. Trevett.....	..do.....	6 10
3744	..do..	J. P. Mason.....	..do.....	36 65
3745	..do..	W. J. Carmichael.....	..do.....	1 19
3746	..do..	J. L. Edmonds.....	..do.....	21 15
3747	..do..	O. S. Watkins.....	..do.....	54 64
3748	..do..	J. E. Henderson.....	Dairy products furnished depart- ment of dairy husbandry.....	3 27
3749	..do..	Ralph Smith.....	..do.....	2 90
3750	..do..	G. M. Seeber.....	..do.....	5 45
3751	..do..	George Schiff.....	..do.....	4 16
3752	..do..	C. Ross.....	..do.....	4 59
3753	..do..	B. Jordan.....	..do.....	4 82

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1913.				
3754	Oct. 14	T. F. Jordan.....	Dairy products furnished department of dairy husbandry.....	\$ 8 81
3755	do	Frank Knox.....	do.	5 41
3756	do	C. J. Gillespie.....	do.	4 16
3757	do	C. A. Fogel.....	do.	3 99
3758	do	Lou Davis.....	do.	5 12
3759	do	W. E. Heyer.....	do.	3 27
3760	do	J. A. Daeger.....	do.	5 31
3761	do	C. C. C. & St. L. R. R. Co.	Freight.....	3 11
3762	do	Wabash R. R.....	do.	43 67
3763	do	C. C. C. & St. L. R. R. Co.	do.	31 53
3764	do	Illinois Central R. R. Co.	do.	32 38
3765	do	Wabash Ry. Co.	do.	41 12
3766	do	Wabash Ry. Co.	do.	40 00
3767	do	Wabash Ry. Co.	do.	36 65
3768	do	M. E. Jahr.....	Salary, September, 1913	140 00
3769	do	Beatrice E. Dean.....	Loan.....	150 00
3770	do	John Thompson Austen.....	do.	150 00
3771	Oct. 15	Florence E. Watson.....	Expenses.....	26 08
3772	do	W. R. Bradley Co.	Ice cream.....	13 50
*3773	do	Edwin L. Hill.....	Land.....	650 00
3774	do	George E. Frazer.....	Expenses.....	17 94
3775	do	Gus Johnson.....	Flowers.....	5 50
3776	do	A. G. Spalding & Bros.	Goals.....	3 50
3777	do	Hunter Rourke & Co.	Lumber.....	7 75
3778	do	The Watson-Stillman Co.	Press.....	350 00
3779	do	Urbana & Champaign Gas & Electric Co.	Range.....	60 00
3780	do	Mittendorf & Klier.....	Shades.....	23 50
3781	do	John Harp.....	Labor.....	241 66
3782	do	E. A. Smith.....	Dairy products furnished department of dairy husbandry.....	4 22
3783	do	J. F. Hoy.....	do.	2 39
3784	do	H. I. Nelson.....	do.	5 48
3785	do	E. F. Lyon.....	do.	2 82
3786	do	W. W. Meyer.....	do.	1 47
3787	do	R. A. Lumsden.....	do.	1 56
3788	do	W. E. Hampton.....	do.	4 35
3789	do	E. Grove.....	do.	4 98
3790	do	Lou Creiger.....	do.	4 35
3791	do	L. F. Lindsey.....	do.	3 49
3792	do	H. C. Kaufman.....	do.	3 69
3793	do	C. C. Gordon.....	do.	2 53
3794	do	R. S. McInness.....	do.	1 92
3795	do	G. H. Spencer.....	do.	7 94
3796	do	D. B. White.....	do.	7 01
3797	do	Fred Krukewitt.....	do.	5 89
3798	do	M. Leigh.....	do.	8 64
3799	do	Wm. Leischner.....	do.	4 43
3800	do	Pearl Hazen.....	do.	4 66
3801	do	W. J. Wilson.....	do.	3 58
3802	do	Geo. Osborn.....	do.	5 54
3803	do	Ebb Leigh.....	do.	3 83
3804	do	Grant Freeman.....	do.	3 97
3805	do	W. E. Satterfield.....	do.	5 63
3806	do	R. H. Brewer.....	do.	3 46
3807	do	E. R. Canady.....	do.	12 03
3808	do	Earl J. Peters.....	do.	4 42
3809	do	P. J. Wagner.....	do.	5 92
3810	do	Nicholas Hahn.....	do.	5 98
3811	do	J. B. Marsh.....	do.	3 52
3812	do	Elmer Whole.....	do.	4 45
3813	do	John Rueb.....	do.	3 46
3814	do	Van Carter.....	do.	7 36
3815	do	F. H. Busey.....	do.	3 62
3816	do	W. L. Davis.....	do.	5 68
3817	do	J. C. Shrock.....	do.	4 49
3818	do	J. H. Richardson.....	do.	4 58
3819	do	I. W. Maxwell.....	do.	4 42
3820	Oct. 16	W. M. Wilson.....	Salary, September, 1913	183 33
3821	do	J. I. Parcel.....	do.	208 33
3822	do	L. E. Young.....	do.	15 00
3823	do	W. W. Cort.....	do.	30 00
3824	do	R. N. Fargo.....	do.	120 00
3825	do	N. Hay.....	Expenses.....	5 30
3826	do	R. E. Augustus.....	Testing.....	32 00
3827	do	S. Collins.....	Dairy products furnished department of dairy husbandry.....	3 10
3828	do	O. S. Coffin.....	do.	79

\* Canceled.

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
3829	Oct. 16	A. J. Spohn.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 9 61
3830	do.	J. Stovering.....	do.	6 20
3831	do.	Wm. Bramstedt.....	do.	6 00
3832	do.	A. Burdick.....	do.	10 50
3833	do.	Danville Creamery Co.....	do.	6 20
3834	do.	Litchfield Creamery Co.....	do.	8 50
3835	do.	Emil Funk.....	do.	7 00
3836	do.	H. E. Siegman.....	do.	19 80
3837	do.	P. Damgaard.....	do.	7 44
3838	do.	J. R. Newberry.....	do.	9 61
3839	do.	O. W. Albright.....	do.	3 67
3840	do.	F. Grimm.....	do.	7 75
3841	do.	Geo. Funderbuck.....	do.	9 30
3842	do.	M. H. Anderson.....	do.	5 46
3843	do.	P. J. Petersen.....	do.	9 30
3844	do.	Hawthorne Farms.....	do.	9 92
3845	do.	F. Szerlong.....	do.	7 75
3846	do.	Ava Creamery Co.....	do.	3 64
3847	do.	A. Miller (Illinois Valley Creamery).....	do.	8 60
3848	do.	R. J. Erb.....	do.	9 00
3849	do.	H. R. Duell.....	do.	6 20
3850	do.	F. A. Jorgenson.....	do.	2 24
3851	do.	A. B. Cole & Sons.....	do.	3 00
3852	do.	Alexis Creamery Co.....	do.	3 74
3853	do.	Jacksonville Creamery Co.....	do.	9 00
3854	do.	George Best.....	do.	3 00
3855	Oct. 17	S. A. Rowland.....	Balance, salary, September, 1913.	15 00
3856	do.	C. R. Newell.....	do.	15 00
3857	do.	Frank Smith.....	Expenses.....	18 68
3858	do.	U. S. Radiator Co.....	Supplies.....	335 25
3859	do.	A. E. Keys.....	Sewers.....	117 00
3860	do.	Underwood Typewriter Co.....	Supplies.....	36 00
3861	do.	Walker and Mulliken.....	Cabinet.....	22 50
3862	do.	D. H. Lloyd.....	Bureau cards.....	1 25
3863	do.	A. R. Grindley.....	Dairy products furnished depart- ment of dairy husbandry.....	3 07
3864	do.	Mart Watterson.....	do.	4 32
3865	do.	George Schiff.....	do.	3 74
3866	do.	John Godsell.....	do.	2 82
3867	do.	W. E. Womacks.....	do.	2 37
3868	do.	H. Cherry.....	do.	3 94
3869	do.	Andrew Shields.....	do.	6 26
3870	do.	J. Ingleman.....	do.	5 04
3871	do.	T. F. Jordan.....	do.	8 06
3872	do.	B. Jordan.....	do.	6 75
3873	do.	J. P. Yeazel.....	do.	4 00
3874	do.	Chas. Ross.....	do.	4 06
3875	do.	Joseph Mounts.....	do.	5 49
3876	do.	O. A. Foster.....	do.	4 18
3877	do.	R. L. Myers.....	do.	5 31
3878	do.	Andrew Ekblaw.....	do.	3 82
3879	do.	E. L. Martin.....	do.	4 10
3880	do.	John McCullough.....	do.	21 42
3881	do.	I. H. Gordon.....	do.	15 28
3882	do.	S. Atchison.....	do.	8 88
3883	do.	Robt. Graham.....	do.	11 43
3884	do.	Cora Stacker.....	do.	4 46
3885	do.	John Weiss.....	do.	8 55
3886	do.	Illinois Dairy Co.....	do.	15 00
3887	do.	Frank Smith.....	Expenses.....	6 85
3888	do.	O. A. Harker.....	do.	102 55
3889	do.	Wabash R. R.....	Freight.....	3 84
3890	do.	O. E. Staples.....	Rebates.....	1,698 25
3891	do.	A. C. McClurg & Co.....	Books.....	58 56
3892	do.	G. E. Stechert & Co.....	do.	14 30
3893	do.	The Century Co.....	do.	97 20
3894	do.	Alexander Lumber Co.....	Lumber.....	43 80
3895	Oct. 20	W. A. Rogers.....	Land.....	2,201 24
3896	do.	Bennett's Newspaper & Magazine Agency.....	Books.....	1 00
3897	do.	Lemcke & Buechner.....	Supplies.....	20 99
3898	do.	Manager, Encyclopedia Britannica.....	Encyclopedia.....	166 75
3899	do.	A. C. McClurg & Co.....	Books.....	5 02
3900	do.	G. E. Stechert & Co.....	do.	32 85
3901	do.	Ernst Hertzberg & Sons.....	do.	28 27
3902	do.	Boston Book Co.....	do.	10 30
3903	do.	Statutes Law Book Co.....	do.	26 91
3904	do.	T. H. Flood & Co.....	do.	315 36
3905	do.	B. E. Powell.....	Expenses.....	7 90

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
3906	Oct. 20	G. W. Clark.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 4 48
3907	..do.	T. P. Lyons.....	..do.	2 50
3908	..do.	J. M. Stickrod.....	..do.	9 21
3909	..do.	G. Taylor.....	..do.	3 07
3910	..do.	H. C. Kaufman.....	..do.	2 18
3911	..do.	J. F. Hoy.....	..do.	1 04
3912	..do.	E. Grove.....	..do.	3 46
3913	..do.	Clarence Dunn.....	..do.	3 26
3914	..do.	David Wilkins.....	..do.	4 19
3915	..do.	O. W. Hampton.....	..do.	2 50
3916	..do.	A. Kroner.....	..do.	5 60
3917	..do.	C. A. Fogel.....	..do.	4 29
3918	..do.	W. E. Yount.....	..do.	8 80
3919	..do.	Frank Hetro.....	..do.	5 44
3920	..do.	F. S. Umbanhowar.....	..do.	4 38
3921	..do.	Louie J. Wienke.....	..do.	4 83
3922	..do.	John Rueb.....	..do.	3 81
3923	..do.	D. S. Herriott.....	..do.	4 38
3924	..do.	J. H. Umbanhowar.....	..do.	4 93
3925	..do.	J. M. Herriott.....	..do.	4 37
3926	..do.	E. R. Canady.....	..do.	6 37
3927	..do.	Z. Alsip.....	..do.	4 74
3928	..do.	Ed. Heppe.....	..do.	4 26
3929	..do.	Daniel Hahn.....	..do.	5 73
3930	..do.	Ebb Leigh.....	..do.	3 78
3931	..do.	W. D. Rohl.....	..do.	4 38
3932	..do.	Wm. Case.....	..do.	4 32
3933	..do.	J. F. Hubbard.....	..do.	2 78
3934	..do.	Geo. Osborn.....	..do.	5 28
3935	..do.	F. H. Busey.....	..do.	3 36
3936	..do.	C. W. Pfister.....	..do.	2 98
3937	..do.	E. S. Hays.....	..do.	3 33
3938	..do.	E. M. Frankenberg.....	..do.	2 56
3939	..do.	T. M. Ghere.....	..do.	3 04
3940	..do.	Wm. Leischner.....	..do.	4 13
3941	..do.	J. D. Perham.....	..do.	3 81
3942	..do.	G. W. Miller.....	..do.	4 10
3943	..do.	Andrew Shields.....	..do.	6 13
3944	..do.	Jno. Willsey.....	..do.	4 45
3945	..do.	I. W. Maxwell.....	..do.	2 94
3946	..do.	Earl Myler.....	..do.	4 67
3947	Oct. 21	Pantagraph Printing & Stationery Co.	Supplies.....	178 26
3948	..do.	A. C. McClurg & Co.	Book.....	3 20
3949	..do.	Florence E. Watson.....	Expenses.....	20 19
3950	..do.	Wabash R. R.	Freight.....	14 22
3951	..do.	C. C. C. & St. L. R. R.	..do.	13 13
3952	..do.	J. E. Henderson.....	Dairy products furnished depart- ment of dairy husbandry.....	3 10
3953	..do.	L. F. Bialeschski.....	..do.	3 39
3954	..do.	Ralph Smith.....	..do.	3 04
3955	..do.	John Englehardt.....	..do.	3 90
3956	..do.	Geo. Schiff.....	..do.	5 31
3957	..do.	G. M. Seeber.....	..do.	7 49
3958	..do.	S. T. Carter.....	..do.	3 58
3959	..do.	C. A. Fogel.....	..do.	4 26
3960	..do.	G. C. Cochran.....	..do.	3 54
3961	..do.	L. G. VanBuskirk.....	..do.	3 14
3962	..do.	C. E. Smoot.....	..do.	5 73
3963	..do.	B. Jordan.....	..do.	6 66
3964	..do.	T. F. Jordan.....	..do.	9 15
3965	..do.	C. Ross.....	..do.	3 97
3966	..do.	S. V. Mahen.....	..do.	4 93
3967	..do.	W. T. Hobeson.....	..do.	4 42
3968	Oct. 22	A. E. Keys.....	Sewers.....	136 33
3969	..do.	Inner Braced Furniture Co.	Furniture.....	114 48
3970	..do.	Mittendorf & Kiler.....	Frame.....	1 20
3971	..do.	D. H. Loyde.....	Napkins.....	3 60
3972	..do.	Peck & Hills Furniture Co.	Furniture.....	66 00
3973	..do.	C. S. Crandall.....	Expenses.....	7 70
3974	..do.	H. C. Kaufman.....	Dairy products furnished depart- ment of dairy husbandry.....	3 23
3975	..do.	L. F. Lindsey.....	..do.	3 82
3976	..do.	David Wilkin.....	..do.	3 62
3977	..do.	J. F. Hoy.....	..do.	1 75
3978	..do.	E. A. Smith.....	..do.	5 72
3979	..do.	C. C. Gordon.....	..do.	2 34
3980	..do.	R. S. McInness.....	..do.	1 64
3981	..do.	G. F. Diefenbach.....	..do.	3 34



## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
3982	Oct. 22	W. D. Rohl.....	Dairy products furnished department of dairy husbandry.....	\$ 6 05
3983	do.	W. E. Satterfield.....	do.	4 90
3984	do.	John Rueb.....	do.	3 42
3985	do.	D. B. White.....	do.	7 49
3986	do.	Jas. Freeman.....	do.	4 67
3987	do.	J. B. Marsh.....	do.	3 07
3988	do.	E. R. Canady.....	do.	9 66
3989	do.	Nicholas Hahn.....	do.	6 21
3990	do.	P. J. Wagner.....	do.	5 63
3991	do.	Frank Knox.....	do.	5 25
3992	do.	W. E. Womacks.....	do.	2 94
3993	do.	W. J. Wilson.....	do.	4 48
3994	do.	W. E. Heyer.....	do.	3 60
3995	do.	Pearl Hazen.....	do.	6 89
3996	do.	E. L. Martin.....	do.	4 93
3997	do.	Geo. Osborn.....	do.	11 33
3998	do.	John Ingleman.....	do.	5 30
3999	do.	F. H. Busey.....	do.	4 29
4000	do.	Andrew Shields.....	do.	6 46
4001	do.	L. F. Bialeschski.....	do.	3 07
4002	do.	Ebb Leigh.....	do.	4 35
4003	do.	M. Leigh.....	do.	8 54
4004	do.	Elmer Whole.....	do.	5 02
4005	do.	Frank Hetro.....	do.	4 93
4006	do.	I. H. Gordon.....	do.	11 33
4007	do.	C. J. VonHolten.....	do.	4 19
4008	Oct. 23	Karl W. Hiersemann.....	Books.....	28 83
4009	do.	Karl W. Hiersemann.....	do.	1 24
4010	do.	Otto Harrassowitz.....	do.	3 22
4011	Oct. 24	John H. Doyle.....	Hardware.....	7 74
4012	do.	T. H. Flood & Co.....	Books.....	21 60
4013	do.	S. E. Huff & Co.....	Lumber.....	2 50
4014	do.	F. C. Jorgeson & Co.....	Office supplies.....	398 00
4015	do.	Stafford Engraving Co.....	Supplies.....	4 31
4016	do.	Self Winding Clock Co.....	Clock.....	57 00
4017	do.	J. P. Mason.....	Expenses.....	35 05
4018	do.	Martinus Nijhoff.....	Books.....	32 68
4019	do.	G. W. Sheldon & Co.....	do.	41 32
4020	do.	G. E. Stechert & Co.....	do.	8 50
4021	do.	Simmel & Co.....	do.	3 49
4022	do.	Ernst Hertzberg & Sons.....	do.	119 77
4023	do.	National Municipal League.....	Membership fee.....	5 00
4024	do.	G. W. Prutsman, Contractor.....	Grading.....	2,805 00
4025	do.	G. E. Stechert & Co.....	Books.....	17 69
4026	do.	Ernst Hertzberg & Sons.....	do.	37 81
4027	do.	Alexander Hamilton Institute.....	do.	30 00
4028	do.	Mrs. Lucius McAdam.....	do.	20 00
4029	do.	A. C. McClurg & Co.....	do.	18 14
4030	do.	O. E. Staples, Bursar.....	Rebates to students.....	203 87
4031	do.	O. E. Staples, Bursar.....	Express bills.....	8 71
4032	do.	O. E. Staples, Bursar.....	General labor bills.....	44 20
4033	do.	A. R. Grindley.....	Dairy products furnished department of dairy husbandry.....	3 24
4034	do.	Geo. Schiff.....	do.	3 52
4035	do.	E. Grove.....	do.	7 84
4036	do.	Lou Creiger.....	do.	7 49
4037	do.	John Godsell.....	do.	3 23
4038	do.	J. M. Stickrod.....	do.	8 27
4039	do.	Andrew Ekblaw.....	do.	4 26
4040	do.	A. E. Hayes.....	do.	2 18
4041	do.	J. M. Herriott.....	do.	3 92
4042	do.	T. F. Jordan.....	do.	7 26
4043	do.	C. A. Fogel.....	do.	4 35
4044	do.	Frank L. Krugh.....	do.	3 81
4045	do.	Chas. Ross.....	do.	4 42
4046	do.	B. Jordan.....	do.	3 97
4047	do.	G. W. Clark.....	do.	3 74
4048	Oct. 25	O. E. Staples, Bursar.....	Rebates to students.....	200 25
4049	do.	Melinda L. Beyer.....	Clerical work.....	83 65
4050	do.	Pantagraph Printing & Stationery Co.....	Supplies.....	1,083 45
4051	do.	S. E. Huff & Co.....	Lumber.....	2 40
4052	Oct. 27	E. F. Lyon.....	Dairy products furnished department of dairy husbandry.....	4 51
4053	do.	John Englehardt.....	do.	13 38
4054	do.	G. Taylor.....	do.	1 93
4055	do.	H. I. Nelson.....	do.	5 68
4056	do.	H. C. Kaufman.....	do.	1 92
4057	do.	C. Dunn.....	do.	6 43

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
4058	Oct. 27	O. W. Hampton.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 1 58
4059	..do....	David Wilkins.....	..do....	2 27
4060	..do....	T. P. Lyon.....	..do....	2 72
4061	..do....	D. S. Herriott.....	..do....	4 10
4062	..do....	William Case.....	..do....	5 95
4063	..do....	Andrew Ekblaw.....	..do....	4 21
4064	..do....	Pearl Hazen.....	..do....	4 34
4065	..do....	F. Krukewitt.....	..do....	4 38
4066	..do....	J. H. Umbanhowar.....	..do....	4 66
4067	..do....	F. W. Howell.....	..do....	2 53
4068	..do....	Ebb Leigh.....	..do....	2 21
4069	..do....	R. H. Brewer.....	..do....	2 40
4070	..do....	John Rueb.....	..do....	2 88
4071	..do....	E. R. Canady.....	..do....	5 89
4072	..do....	A. G. Krukewitt.....	..do....	4 29
4073	..do....	M. Cherry.....	..do....	4 26
4074	..do....	G. H. Spencer.....	..do....	6 69
4075	..do....	J. J. Cender.....	..do....	5 49
5076	..do....	T. H. Richardson.....	..do....	6 18
4077	..do....	I. W. Maxwell.....	..do....	4 48
4078	..do....	John Willsey.....	..do....	5 57
4079	..do....	W. W. Meyer.....	..do....	4 03
4080	..do....	W. C. Welch.....	..do....	3 33
4081	..do....	I. H. Gordon.....	..do....	6 98
4082	Oct. 28	The Burr Co.....	Hardware.....	7 95
4083	..do....	J. W. Stipes.....	Wages.....	54 71
4084	..do....	E. H. Sargent & Co.....	Laboratory supplies.....	20 62
4085	..do....	Stafford Engraving Co.....	Supplies.....	1 50
4086	..do....	Bennett's Newspaper & Magazine Agency	Magazine.....	3 00
4087	..do....	Illinois State Penitentiary.....	Furniture.....	742 37
4088	..do....	William Everett Britton.....	Loan.....	200 00
4089	..do....	Alexander Cohn.....	..do....	200 00
4090	..do....	Ralph Smith.....	Dairy products furnished depart- ment of dairy husbandry.....	3 30
4091	..do....	George Schiff.....	..do....	4 03
4092	..do....	John Englehardt.....	..do....	10 40
4093	..do....	J. M. Stickrod.....	..do....	5 59
4094	..do....	W. E. Heyer.....	..do....	2 93
4095	..do....	T. F. Jordan.....	..do....	9 98
4096	..do....	B. Jordan.....	..do....	6 66
4097	..do....	Grant Freeman.....	..do....	3 65
4098	..do....	C. Ross.....	..do....	5 82
4099	..do....	Frank Knox.....	..do....	5 50
4100	..do....	Andrew Shields.....	..do....	6 16
4101	..do....	O. A. Foster.....	..do....	4 34
4102	..do....	W. E. Womacks.....	..do....	2 85
4103	..do....	Frank Hetro.....	..do....	4 99
4104	..do....	R. L. Myers.....	..do....	5 06
4105	..do....	W. T. Hobeson.....	..do....	4 48
4106	Oct. 30	A. G. Guard.....	..do....	2 50
4107	..do....	Mart Watterson.....	..do....	3 76
4108	..do....	R. A. Lumsden.....	..do....	1 14
4109	..do....	A. J. Putscher.....	..do....	1 03
4110	..do....	L. F. Lindsey.....	..do....	4 28
4111	..do....	G. F. Diefenbach.....	..do....	4 13
4112	..do....	E. A. Smith.....	..do....	4 35
4113	..do....	W. F. Hampton.....	..do....	4 21
4114	..do....	J. E. Henderson.....	..do....	4 10
4115	..do....	R. S. McInness.....	..do....	1 12
4116	..do....	C. C. Gordon.....	..do....	2 24
4117	..do....	David Wilkin.....	..do....	3 30
4118	..do....	H. C. Kaufman.....	..do....	2 37
4119	..do....	J. F. Hoy.....	..do....	1 56
4120	..do....	E. R. Canady.....	..do....	10 34
4121	..do....	Fred Elliott.....	..do....	2 40
4122	..do....	J. F. Hubbard.....	..do....	3 17
4123	..do....	Z. Alsip.....	..do....	5 06
4124	..do....	Ebb Leigh.....	..do....	4 88
4125	..do....	M. Leigh.....	..do....	7 46
4126	..do....	W. J. Kelly.....	..do....	3 89
4127	..do....	A. W. McIlton.....	..do....	4 34
4128	..do....	H. Cherry.....	..do....	4 54
4129	..do....	L. F. Bialeschski.....	..do....	4 19
4130	..do....	Ed. Heppe.....	..do....	12
4131	..do....	P. J. Wagner.....	..do....	4 82
4132	..do....	D. B. White.....	..do....	6 11
4133	..do....	W. J. Wilson.....	..do....	3 36
4134	..do....	John Rueb.....	..do....	3 36

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
4135	Oct. 30	J. D. Pulliam.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 4 26
4136	..do....	David Hahn.....	..do....	6 05
4137	..do....	W. E. Yount.....	..do....	8 26
4138	..do....	F. H. Busey.....	..do....	8 06
4139	..do....	Louie J. Wienke.....	..do....	5 25
4140	..do....	F. S. Umbanhowar.....	..do....	5 06
4141	..do....	George Osborn.....	..do....	11 65
4142	..do....	Nicholas Hahn.....	..do....	6 11
4143	..do....	Van Carter.....	..do....	6 98
4144	..do....	I. W. Maxwell.....	..do....	4 32
4145	..do....	Jon H. Doyle.....	Boiler.....	5 00
4146	..do....	E. H. Dargent & Co.....	Laboratory supplies.....	88 88
4147	..do....	Callaghan & Co.....	Book.....	3 50
4148	..do....	The Lawyers Co-operative Publishing Co.....	..do....	2 50
4149	..do....	T. H. Flood & Co.....	Books.....	20 00
4150	..do....	George E. Frazer.....	Expenses.....	11 00
4151	Nov. 3	J. A. Jaeger.....	Dairy products furnished depart- ment of dairy husbandry.....	5 54
4152	..do....	J. Englehardt.....	..do....	7 23
4153	..do....	W. H. Frame.....	..do....	8 68
4154	..do....	H. I. Nelson.....	..do....	3 73
4155	..do....	George Schiff.....	..do....	3 10
4156	..do....	E. Grove.....	..do....	7 23
4157	..do....	Lou Creiger.....	..do....	6 90
4158	..do....	A. R. Grindley.....	..do....	2 41
4159	..do....	J. C. Shrock.....	..do....	1 00
4160	..do....	C. A. Fogel.....	..do....	7 85
4161	..do....	B. Jordan.....	..do....	6 24
4162	..do....	J. P. Yeazel.....	..do....	4 32
4163	..do....	J. M. Herriott.....	..do....	4 68
4164	..do....	W. D. Rohl.....	..do....	4 13
4165	..do....	A. Kroner.....	..do....	5 24
4166	..do....	J. D. Perham.....	..do....	4 92
4167	..do....	Joseph Mounts.....	..do....	5 67
4168	..do....	Andrew Ekblaw.....	..do....	4 26
4169	..do....	C. Ross.....	..do....	5 08
4170	..do....	T. F. Jordan.....	..do....	6 01
4171	..do....	W. E. Womacks.....	..do....	3 23
4172	..do....	C. J. Von Holten.....	..do....	4 55
4173	..do....	John McCullough.....	..do....	23 59
4174	..do....	Will Foor.....	..do....	10 43
4175	..do....	Robt. Graham.....	..do....	9 51
4176	..do....	John Weiss.....	..do....	7 52
4177	..do....	R. T. Lumsden.....	..do....	2 05
4178	..do....	Clarence Dunn.....	..do....	6 57
4179	..do....	H. C. Kaufman.....	..do....	1 16
4180	..do....	E. F. Lyon.....	..do....	3 93
4181	..do....	J. M. Stickrod.....	..do....	6 14
4182	..do....	David Wilkins.....	..do....	2 34
4183	..do....	Frank Hetro.....	..do....	5 61
4184	..do....	Geo. Osborn.....	..do....	5 35
4185	..do....	W. E. Satterfield.....	..do....	5 02
4186	..do....	Andrew Ekblaw.....	..do....	4 62
4187	..do....	E. L. Martin.....	..do....	4 52
4188	..do....	J. B. Marsh.....	..do....	3 33
4189	..do....	D. S. Herriott.....	..do....	4 69
4190	..do....	E. R. Canady.....	..do....	4 52
4191	..do....	Elmer Whole.....	..do....	4 62
4192	..do....	E. S. Hayes.....	..do....	4 82
4193	..do....	Wm. Case.....	..do....	5 41
4194	..do....	Pearl Hazen.....	..do....	7 26
4195	..do....	Andrew Shields.....	..do....	6 23
4196	..do....	S. Atchison.....	..do....	6 98
4197	..do....	John Wilsey.....	..do....	5 84
4198	..do....	H. Richardson.....	..do....	5 02
4199	..do....	S. T. Mayhen.....	..do....	5 45
4200	..do....	W. C. Welch.....	..do....	3 30
4201	..do....	I. H. Gordon.....	..do....	6 96
4202	Nov. 4	Julia F. Burnham Hospital.....	Students accounts.....	171 75
4203	..do....	McLean Lumber Co.....	Lumber.....	115 38
4204	..do....	Illinois Traction System.....	Freight.....	15 67
4205	..do....	Geo. Schiff.....	Dairy products furnished depart- ment of dairy husbandry.....	4 06
4206	..do....	T. P. Lyon.....	..do....	2 71
4207	..do....	J. E. Henderson.....	..do....	3 17
4208	..do....	Ralph Smith.....	..do....	3 43
4209	..do....	J hn Godsell.....	..do....	3 20
4210	..do....	R. L. Myers.....	..do....	6 33

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
4211	Nov. 4	Frank Krugh.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 3 96
4212	do.	W. L. Davis.....	do.	5 94
4213	do.	James Freeman.....	do.	3 96
4214	do.	C. C. Cochran.....	do.	5 45
4215	do.	C. Abbott.....	do.	1 97
4216	do.	Ebb Leigh.....	do.	4 62
4217	do.	W. E. Heyer.....	do.	3 03
4218	do.	T. F. Jordan.....	do.	8 61
4219	do.	B. Jordan.....	do.	5 08
4220	do.	C. Ross.....	do.	7 19
4221	do.	F. C. Stevenson.....	do.	3 93
4222	do.	R. S. Van Allen.....	do.	2 62
4223	do.	W. T. Hobeson.....	do.	4 52
4224	do.	I. W. Maxwell.....	do.	4 39
4225	do.	Pearl Cardiff.....	do.	1 91
4226	Nov. 6	L. F. Lindsey.....	do.	4 75
4227	do.	A. J. Putscher.....	do.	1 62
4228	do.	G. F. Diefenbach.....	do.	6 67
4229	do.	W. F. Hampton.....	do.	1 78
4230	do.	R. A. Lumsden.....	do.	1 82
4231	do.	A. G. Guard.....	do.	2 11
4232	do.	C. W. Hamm.....	do.	2 57
4233	do.	David Wilkins.....	do.	3 04
4234	do.	J. F. Hoy.....	do.	2 97
4235	do.	H. I. Nelson.....	do.	4 36
4236	do.	C. C. Gordon.....	do.	1 52
4237	do.	W. H. Frame.....	do.	4 13
4238	do.	H. C. Kaufman.....	do.	1 65
4239	do.	F. H. Busey.....	do.	6 67
4240	do.	Geo. Osborn.....	do.	4 88
4241	do.	J. H. Umbanhowar.....	do.	5 35
4242	do.	L. G. Van Buskirk.....	do.	7 49
4243	do.	M. Leigh.....	do.	6 27
4244	do.	E. M. Frankenburg.....	do.	5 54
4245	do.	John Ridgely.....	do.	3 66
4246	do.	R. H. Brewer.....	do.	3 17
4247	do.	John Rueb.....	do.	4 75
4248	do.	Van Carter.....	do.	4 49
4249	do.	E. R. Canady.....	do.	7 59
4250	do.	J. F. Hubbard.....	do.	3 33
4251	do.	Mary Warner.....	do.	6 01
4252	do.	E. R. Lape.....	do.	6 20
4253	do.	Frank Knox.....	do.	5 35
4254	do.	E. A. Smith.....	do.	4 16
4255	do.	G. W. Clark.....	do.	7 29
4256	do.	W. W. Meyer.....	do.	5 54
4257	do.	J. D. Pulliam.....	do.	4 09
4258	do.	W. E. Womacks.....	do.	3 23
4259	do.	W. J. Wilson.....	do.	2 94
4260	do.	D. B. White.....	do.	7 06
4261	do.	O. A. Foster.....	do.	3 82
4262	do.	Andrew Shields.....	do.	6 79
4263	do.	George E. Frazer.....	Traveling expenses.....	34 19
4264	do.	Little, Brown & Co.....	Books.....	3 60
4265	do.	University of Illinois Supply Store.....	Supplies.....	9 72
4266	do.	A. C. McClurg & Co.....	Books.....	11 73
4267	do.	The Boston Book Co.....	do.	5 00
4268	do.	Statute Law Book Co.....	do.	20 52
4269	do.	Remington Typewriter Co.....	Typewriterdesk.....	40 00
4270	do.	Stafford Engraving Co.....	Maps.....	6 47
4271	do.	Ernst Hertzberg & Sons.....	Books.....	33 66
4272	do.	G. E. Stechert & Co.....	do.	40 19
4273	do.	T. H. Flood & Co.....	do.	41 65
4274	do.	Callaghan & Co.....	do.	8 50
4275	Nov. 7	Amos Wright.....	Wages.....	28 00
4276	do.	Lloyd Morey.....	Traveling expenses.....	16 89
4277	do.	Julia F. Burnham Hospital.....	Room and board.....	6 00
4278	do.	C. M. McConn.....	Traveling expenses.....	7 90
4279	do.	W. J. Humphreys.....	do.	53 85
4280	do.	U. S. Audit Co.....	Expenses and services.....	36 25
4281	do.	A. R. Seymour.....	Salary, September and October, 1913.....	50 00
4282	do.	H. A. Hollister.....	Traveling expenses.....	29 13
4283	Nov. 8	J. M. Stickrod.....	Dairy products furnished depart- ment of dairy husbandry.....	7 53
4284	do.	Geo. Schiff.....	do.	3 27
4285	do.	A. R. Grindley.....	do.	2 25
4286	do.	B. Jordan.....	do.	6 83

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
4227	1913. Nov. 8	C. Ross.....	Dairy products furnished department of dairy husbandry.....	\$ 4 19
4288	..do....	Frank Hetro.....	..do.....	5 48
4289	..do....	Pearl Hazen.....	..do.....	4 61
4290	..do....	C. E. Smoot.....	..do.....	5 51
4291	..do....	Z. Alsip.....	..do.....	4 39
4292	..do....	C. A. Fogel.....	..do.....	7 85
4293	..do....	P. J. Wagner.....	..do.....	4 16
4294	..do....	T. F. Jordan.....	..do.....	7 52
4295	..do....	Andrew Ekblaw.....	..do.....	4 65
4296	..do....	J. M. Herriott.....	..do.....	4 19
4297	..do....	C. J. Von Holten.....	..do.....	4 82
4298	..do....	E. V. Percival.....	..do.....	1 91
4299	Nov. 10	O. E. Staples, Bursar.....	Rebates to students.....	184 25
4300	..do....	O. E. Staples, Bursar.....	Sundry bills.....	43 30
4301	..do....	O. W. Hampton.....	Dairy products furnished department of dairy husbandry.....	2 05
4302	..do....	Clarence Dunn.....	..do.....	7 19
4303	..do....	I. H. Gordon.....	..do.....	7 95
4304	..do....	H. C. Kaufman.....	..do.....	1 49
4305	..do....	E. Grove.....	..do.....	5 15
4306	..do....	Lou Creiger.....	..do.....	5 54
4307	..do....	E. F. Lyon.....	..do.....	4 65
4308	..do....	M. Watterson.....	..do.....	4 56
4309	..do....	David Wilkins.....	..do.....	2 51
4310	..do....	J. A. Koch.....	..do.....	5 25
4311	..do....	G. Freeman.....	..do.....	3 73
4312	..do....	W. E. Womacks.....	..do.....	2 94
4313	..do....	D. Hahn.....	..do.....	5 91
4314	..do....	Geo. Osborn.....	..do.....	5 02
4315	..do....	N. Hahn.....	..do.....	6 90
4316	..do....	F. Elliott.....	..do.....	2 84
4317	..do....	E. S. Hayes.....	..do.....	3 98
4318	..do....	L. J. Wienke.....	..do.....	6 04
4319	..do....	W. D. Rohl.....	..do.....	14 32
4320	..do....	E. R. Canady.....	..do.....	5 21
4321	..do....	T. H. Richardson.....	..do.....	6 80
4322	..do....	W. C. Welch.....	..do.....	2 15
4323	..do....	J. W. Willsey.....	..do.....	5 54
4324	Nov. 11	Geo. Schiff.....	..do.....	3 33
4325	..do....	John Godsell.....	..do.....	1 77
4326	..do....	J. E. Henderson.....	..do.....	3 13
4327	..do....	John Ingelman.....	..do.....	5 98
4328	..do....	R. L. Myers.....	..do.....	6 15
4329	..do....	Andrew Ekblaw.....	..do.....	4 59
4330	..do....	M. Cherry.....	..do.....	4 11
4331	..do....	I. T. Webb.....	..do.....	4 38
4332	..do....	B. Jordan.....	..do.....	6 87
4333	..do....	C. Ross.....	..do.....	5 67
4334	..do....	H. F. Ridgeley.....	..do.....	3 33
4335	..do....	Jos. Mounts.....	..do.....	6 46
4336	..do....	E. W. Hoyer.....	..do.....	2 92
4337	..do....	Fred Krukewitt.....	..do.....	7 75
4338	..do....	Frank Sheffer.....	..do.....	2 92
4339	..do....	T. E. Jordan.....	..do.....	9 83
4340	..do....	I. W. Maxwell.....	..do.....	4 22
4341	Nov. 12	T. A. Clark.....	Expenses, extra police service.....	422 61
4342	..do....	Otis Kercher.....	Loan.....	200 00
4343	..do....	Florence E. Watson.....	Traveling expenses.....	26 97
4344	..do....	Mrs. Ellen M. Henrothin.....	..do.....	16 74
4345	..do....	Florence E. Watson.....	..do.....	19 14
4346	..do....	D. C. Ridgeley.....	..do.....	3 62
4347	..do....	W. L. Abbott.....	Office expenses.....	10 00
4348	..do....	W. L. Abbott.....	Traveling expenses.....	13 04
4349	..do....	J. H. Doyle.....	Garbage pail.....	1 00
4350	..do....	Spalding & Quirk.....	Supplies.....	13 25
4351	..do....	Champaign Seed Co.....	Seed.....	1 40
4352	..do....	O. E. Staples, Bursar.....	Payment to Sir W. M. Ramsay on account of University lectures.....	500 00
4353	Nov. 13	H. I. Nelson.....	Dairy products furnished department of dairy husbandry.....	2 96
4354	..do....	C. C. Gordon.....	..do.....	2 07
4355	..do....	R. S. McInness.....	..do.....	1 19
4356	..do....	G. F. Diefenbach.....	..do.....	5 92
4357	..do....	E. A. Smith.....	..do.....	4 11
4358	..do....	J. M. Stickrod.....	..do.....	6 63
4359	..do....	W. H. Frame.....	..do.....	4 96
4360	..do....	H. C. Kaufman.....	..do.....	2 04
4361	..do....	Ralph Smith.....	..do.....	3 33

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
4362	Nov. 1913.	J. F. Hoy.....	Dairy product furnished department of dairy husbandry.....	\$ 3.94
4363	do.	W. F. Hampton.....	do.	4.96
4364	do.	L. F. Lindsey.....	do.	4.35
4365	do.	A. G. Krukewitt.....	do.	4.28
4366	do.	Pearl Hazen.....	do.	4.96
4367	do.	D. S. Herriott.....	do.	5.24
4368	do.	Geo. Osborn.....	do.	4.42
4369	do.	Elmer Whole.....	do.	4.32
4370	do.	E. R. Canady.....	do.	6.46
4371	do.	J. H. Umbanhowar.....	do.	4.42
4372	do.	Ebb Leigh.....	do.	8.43
4373	do.	J. D. Pulliam.....	do.	4.14
4374	do.	J. M. Herriott.....	do.	3.54
4375	do.	Jas. Freeman.....	do.	5.61
4376	do.	Frank Helto.....	do.	2.04
4377	do.	W. E. Womacks.....	do.	9.11
4378	do.	D. B. White.....	do.	4.62
4379	do.	W. E. Yount.....	do.	5.47
4380	do.	Van Carter.....	do.	1.90
4381	do.	M. Leigh.....	do.	3.37
4382	do.	F. W. Howell.....	do.	3.91
4383	do.	H. Cherry.....	do.	6.22
4384	do.	F. L. Kriugh.....	do.	6.66
4385	do.	E. R. Lape.....	do.	7.14
4386	do.	F. H. Busey.....	do.	4.22
4387	do.	I. H. Gordon.....	do.	2.75
4388	do.	W. T. Hobson.....	Circulars.....	14.50
4389	do.	Illinois State Reformatory.....	Books.....	126.40
4390	do.	Karl W. Hiesemann.....	Tickets.....	12.00
4391	do.	Gustaf Fock.....	Traveling expenses.....	10.20
4392	do.	Senate Luncheon committee.....	Payment, Plym Fellowship.....	200.00
4393	do.	N. Hay.....	Pro rata payment, University Army contract.....	
4394	Nov. 14	Max A. Montgomery.....		2,356.48
4395	do.	Taylor Lumber Co.....		254.33
4396	do.	Stripes Cement Co.....		131.43
4397	do.	R. C. Wagner & Co.....	do.	2.50
4398	Nov. 15	A. C. Krey.....	Stenographic services.....	1.75
4399	do.	National Engraving Co.....	Supplies.....	23.22
4400	do.	W. Gaertner & Co.....	do.	355.85
4401	do.	C. A. Denman.....	do.	4.23
4402	do.	Karl W. Hiesemann.....	Books.....	
4403	Nov. 17	E. F. Lyon.....	Dairy products furnished department of dairy husbandry.....	4.45
4404	do.	C. W. Hamm.....	do.	2.38
4405	do.	G. Seifert.....	do.	2.92
4406	do.	Lou Creiger.....	do.	7.21
4407	do.	E. Grove.....	do.	6.09
4408	do.	J. Ridgeley.....	do.	3.13
4409	do.	F. Knox.....	do.	4.89
4410	do.	F. Reub.....	do.	2.65
4411	do.	O. A. Foster.....	do.	4.59
4412	do.	A. Shields.....	do.	6.73
4413	do.	J. A. Daeger.....	do.	6.29
4414	do.	Mary Warner.....	do.	6.05
4415	do.	Wm. Case.....	do.	4.83
4416	do.	W. L. Davis.....	do.	5.30
4417	do.	C. J. Van Holten.....	do.	4.69
4418	do.	C. V. Percival.....	do.	1.19
4419	do.	C. Dunn.....	do.	7.31
4420	do.	O. W. Hampton.....	do.	3.88
4421	do.	L. P. Rayburn.....	do.	6.66
4422	do.	A. G. Guard.....	do.	3.13
4423	do.	T. P. Lyon.....	do.	5.81
4424	do.	D. Watkins.....	do.	3.74
4425	do.	J. M. Stickrod.....	do.	4.10
4426	do.	R. W. Brewer.....	do.	3.47
4428	do.	Wm. Van Buskirk.....	do.	6.05
4429	do.	S. T. Wilson.....	do.	3.20
4430	do.	S. T. Carter.....	do.	3.53
4431	do.	C. A. Fogel.....	do.	5.06
4432	do.	P. J. Wagner.....	do.	6.46
4433	do.	G. Osborn.....	do.	5.17
4434	do.	F. S. Umbanhowar.....	do.	4.42
4435	do.	J. B. Marsh.....	do.	3.32
4436	do.	W. E. Satterfield.....	do.	3.40
4437	do.	L. F. Blaeschke.....	do.	3.47

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
4438	Nov. 17 1913.	John Rueb.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 2 69
4439	do.	L. G. Van Burskirk.....	do.	4 96
4440	do.	E. R. Canady.....	do.	6 36
4441	do.	J. A. R. Koch.....	do.	4 01
4442	do.	J. F. Hubbard.....	do.	3 43
4443	do.	J. C. Shrook.....	do.	5 03
4444	do.	S. Mayhem.....	do.	5 34
4445	do.	G. W. Clark.....	do.	4 05
4446	do.	Pearl Cardiff.....	do.	4 57
4447	do.	T. H. Richardson.....	do.	3 67
4448	do.	T. R. Wiley.....	do.	5 64
4449	do.	W. C. Welch.....	do.	2 04
4450	do.	O. E. Staples, Bureau.....	Rebates.....	141 25
4451	Nov. 18	J. M. Herriott.....	Dairy products furnished depart- ment of dairy husbandry.....	4 28
4452	do.	Ralph Smith.....	do.	3 57
4453	do.	J. P. Yeazel.....	do.	4 56
4454	do.	Geo. Hurst.....	do.	10 47
4455	do.	C. Ross.....	do.	12 14
4456	do.	W. A. Coonce.....	do.	2 78
4457	do.	Ebb Leigh.....	do.	4 56
4458	do.	Geo. Schif.....	do.	3 94
4459	do.	C. E. Kelly.....	do.	4 11
4460	do.	Andrew Ekblaw.....	do.	4 55
4461	do.	T. F. Jordan.....	do.	13 57
4462	do.	B. Jordan.....	do.	6 87
4463	do.	Ed. Heppe.....	do.	4 15
4464	do.	John Ingelman.....	do.	5 44
4465	do.	E. L. Martin.....	do.	3 23
4466	do.	W. E. Heyer.....	do.	4 69
4467	do.	I. W. Maxwell.....	do.	18 30
4468	do.	John McCullough.....	do.	1 58
4469	do.	R. T. Lumsden.....	do.	4 26
4470	do.	Cora Stacker.....	do.	20 90
4471	do.	Will For.....	do.	9 96
4472	do.	Robt. Graham.....	do.	3 74
4473	do.	John Weiss.....	do.	6 61
4474	do.	S. Ahlson.....	do.	3 74
4475	do.	Lynn E. Knorr.....	Traveling expenses.....	9 80
4476	do.	Rand McNally & Co.....	Books.....	251 15
4477	do.	Art Metal Construction Co.....	Mail box.....	36 49
4478	Nov. 19	J. E. Henderson.....	Dairy products furnished depart- ment of dairy husbandry.....	3 81
4479	do.	J. F. Hoy.....	do.	3 16
4480	do.	E. A. Smith.....	do.	3 71
4481	do.	L. F. Lindsey.....	do.	3 98
4482	do.	John Godsell.....	do.	1 60
4483	do.	A. J. Putscher.....	do.	2 94
4484	do.	R. A. Lumsden.....	do.	5 01
4485	do.	G. F. Dielenbach.....	do.	4 96
4486	do.	H. C. Kaufman.....	do.	3 06
4487	do.	W. F. Hampton.....	do.	2 92
4488	do.	C. C. Gordon.....	do.	3 43
4489	do.	E. R. Canady.....	do.	6 29
4490	do.	Guy Hobick.....	do.	3 57
4491	do.	Louie Wenke.....	do.	4 18
4492	do.	Z. Alsip.....	do.	4 18
4493	do.	Geo. Osborn.....	do.	4 90
4494	do.	Daniel Hahn.....	do.	5 03
4495	do.	Frank Hetro.....	do.	5 17
4496	do.	Van Carter.....	do.	5 85
4497	do.	Elmer Whole.....	do.	4 66
4498	do.	Frank Krueh.....	do.	3 84
4499	do.	J. H. Umbanhowar.....	do.	3 60
4500	do.	Pearl Hazen.....	do.	4 42
4501	do.	M. Leigh.....	do.	4 55
4502	do.	Andrew Ekblaw.....	do.	6 15
4503	do.	C. A. Fogel.....	do.	4 21
4504	do.	E. M. Frankenbergt.....	do.	4 90
4505	do.	Nicholas Hahn.....	do.	5 24
4506	do.	D. B. White.....	do.	6 32
4507	do.	F. H. Bussey.....	do.	7 04
4508	do.	Fred Krukevilt.....	do.	4 08
4509	do.	W. E. Womacks.....	do.	3 20
4510	do.	Andrew Shields.....	do.	7 03
4511	do.	W. W. Meyer.....	do.	5 51
4512	do.	L. H. Gordon.....	do.	7 00
4513	Nov. 20	P. Adams.....	Hauling.....	113 47

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
4514	Nov. 20	T. A. Clark	Expenses, extra police service....	\$200 00
4515	Nov. 21	J. M. Stickrod	Dairy products furnished depart- ment of dairy husbandry.....	6 05
4516	do.	Lou Creiger	do.	5 78
4517	do.	W. H. Frame	do.	4 39
4518	do.	H. I. Nelson	do.	3 23
4519	do.	George Schiff	do.	3 20
4520	do.	E. Grove	do.	4 62
4521	do.	W. L. Davis	do.	5 67
4522	do.	Grant Freeman	do.	3 94
4523	do.	H. J. Jenks	do.	6 15
4524	do.	W. J. Kelley	do.	8 38
4525	do.	J. W. Willsey	do.	4 93
4526	do.	W. T. Hobeson	do.	4 39
4527	Nov. 22	Charles Mollet	Steam baths.	35 50
4528	do.	Derrough & Co.	Bolts	1 20
4529	do.	Percival & Moorehead	Hardware	1 25
4530	do.	White Line Steam Laundry	Laundry	126 64
4531	do.	T. H. Flood & Co.	Books	17 50
4532	Nov. 24	J. E. Henderson	Dairy products furnished depart- ment of dairy husbandry.....	2 35
4533	do.	O. W. Hampton	do.	2 58
4534	do.	C. Dunn	do.	5 37
4535	do.	David Wilkin	do.	2 96
4536	do.	G. M. Seeber	do.	7 92
4537	do.	E. F. Lyon	do.	5 10
4538	do.	C. A. Fogel	do.	4 15
4539	do.	M. Cherry	do.	4 28
4540	do.	Geo. Osborn	do.	8 91
4541	do.	R. L. Myers	do.	6 32
4542	do.	C. E. Smoot	do.	5 54
4543	do.	J. Ridgeley	do.	2 96
4544	do.	John Rueb	do.	2 86
4545	do.	J. F. Hubbard	do.	3 16
4546	do.	E. S. Hayes	do.	4 28
4547	do.	James Freeman	do.	4 76
4548	do.	G. H. Spencer	do.	2 58
4549	do.	W. D. Rohl	do.	8 57
4550	do.	F. H. Busey	do.	3 26
4551	do.	I. T. Webb	do.	3 88
4552	do.	Andrew Ekblaw	do.	4 18
4553	do.	W. J. Wilson	do.	3 06
4554	do.	W. E. Womacks	do.	3 13
4555	do.	Andrew Shields	do.	6 52
4556	do.	J. A. R. Koch	do.	4 76
4557	do.	W. L. Davis	do.	5 20
4558	do.	L. P. Rayburn	do.	5 13
4559	do.	E. R. Canady	do.	13 21
4560	do.	Frank Knox	do.	5 51
4561	do.	C. J. Von Holten	do.	3 64
4562	do.	W. C. Welch	do.	3 09
4563	do.	I. W. Maxwell	do.	2 96
4564	Nov. 25	Mart Watterson	do.	3 71
4565	do.	George Schiff	do.	6 09
4566	do.	J. C. Shrock	do.	5 57
4567	do.	B. Jordan	do.	16 63
4568	do.	T. F. Jordan	do.	13 12
4569	do.	D. S. Herriott	do.	4 83
4570	do.	J. M. Herriott	do.	5 10
4571	do.	A. W. McJilton	do.	4 69
4572	do.	Ebb Leigh	do.	3 57
4573	do.	C. Ross	do.	12 85
4574	do.	O. A. Foster	do.	3 81
4575	Nov. 26	O. E. Staples, Bursar	Sundry bills	12 52
4576	do.	O. E. Staples, Bursar	Rebates to students	175 25
4577	do.	W. W. Lindley	Postage, University of Illinois bulletins.	50 00
4578	do.	J. G. Biddle	Express	1 25
4579	do.	A. L. A. Publishing Board	Books	5 63
4580	do.	T. A. Clark	Traveling expenses.	26 00
4581	do.	W. H. Hogan Milling Co.	Feeding stuffs	22 25
4582	do.	W. F. Hardy	Supplies	7 50
4583	do.	A. J. Gahan	Wagon tongue	2 50
4584	do.	Eisner Grocery Co.	Jars	29 00
4585	do.	Neoga Elevator Co.	Cement	20 20
4586	do.	The Burr Co.	Hardware	162 66
4587	do.	A. C. McClurg & Co.	Books	8 65
4588	do.	B. H. Bode	Multigraphing	7 00
4589	do.	Shaw-Walker Co.	Cardfile	6 40



GENERAL UNIVERSITY VOUCHERS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
	1913.			
4590	Nov. 26	Illinois State Reformatory.....	Office supplies.....	\$125 05
4591	..do....	G. W. C. Meyer.....	Specimens.....	2 00
4592	..do....	D. Kinley.....	Traveling expenses.....	45 89
4593	..do....	J. F. Hoy.....	Dairy products furnished depart- ment of dairy husbandry.....	2 69
4594	..do....	C. W. Hamm.....	..do.....	1 39
4595	..do....	G. F. Diefenbach.....	..do.....	6 63
4596	..do....	E. A. Smith.....	..do.....	3 06
4597	..do....	H. C. Kaufman.....	..do.....	1 77
4598	..do....	C. C. Gordon.....	..do.....	6 15
4599	..do....	R. T. Lumsden.....	..do.....	2 45
4600	..do....	A. J. Putscher.....	..do.....	1 94
4601	..do....	E. F. Lyon.....	..do.....	3 03
4602	..do....	W. F. Hampton.....	..do.....	4 32
4603	..do....	L. F. Lindsey.....	..do.....	4 08
4604	..do....	Wm. Van Buskirk.....	..do.....	5 58
4605	..do....	John Rueb.....	..do.....	2 07
4606	..do....	Van Carter.....	..do.....	4 69
4607	..do....	Wm. Case.....	..do.....	5 24
4608	..do....	Frank Krugh.....	..do.....	2 92
4609	..do....	F. S. Umbanhowar.....	..do.....	3 26
4610	..do....	E. R. Canady.....	..do.....	7 00
4611	..do....	P. J. Wagner.....	..do.....	7 79
4612	..do....	Frank Hetro.....	..do.....	5 64
4613	..do....	D. B. White.....	..do.....	5 78
4614	..do....	M. Leigh.....	..do.....	4 96
4615	..do....	Pearl Hazen.....	..do.....	4 38
4616	..do....	C. A. Fogel.....	..do.....	4 99
4617	..do....	L. G. Van Buskirk.....	..do.....	4 18
4618	..do....	J. D. Pulliam.....	..do.....	3 94
4619	..do....	John Cornett.....	..do.....	3 37
4620	..do....	Andrew Ekblaw.....	..do.....	4 01
4621	..do....	J. H. Umbanhowar.....	..do.....	5 75
4622	..do....	Geo. Osborn.....	..do.....	4 83
4623	..do....	W. E. Yount.....	..do.....	6 97
4624	..do....	Jos. Mounts.....	..do.....	5 81
4625	..do....	John Ingleman.....	..do.....	5 64
4626	..do....	I. H. Gordon.....	..do.....	7 28
4627	Nov. 28	E. A. Williford.....	Loan.....	150 00
4628	..do....	J. T. Auten.....	..do.....	150 00
4629	..do....	G. P. Benton.....	Membership dues, National Assn. of State Universities.....	15 00
4630	..do....	American Assn. of Law Libraries.....	Books.....	6 00
4631	..do....	O. E. Staples, Bursar.....	Sundry bills.....	1 43
4632	..do....	O. E. Staples, Bursar.....	Rebates to students.....	40 25
4633	Dec. 2	Clarence Dunn.....	Dairy products furnished depart- ment of dairy husbandry.....	6 43
4634	..do....	Ralph Smith.....	..do.....	3 88
4635	..do....	T. P. Lyons.....	..do.....	3 81
4636	..do....	Lou Creiger.....	..do.....	5 58
4637	..do....	O. W. Hampton.....	..do.....	2 58
4638	..do....	E. Grove.....	..do.....	5 88
4639	..do....	David Wilkins.....	..do.....	2 65
4640	..do....	Geo. Schiff.....	..do.....	4 76
4641	..do....	J. E. Henderson.....	..do.....	4 11
4642	..do....	E. R. Canady.....	..do.....	6 43
4643	..do....	W. J. Wilson.....	..do.....	2 52
4644	..do....	W. E. Womacks.....	..do.....	3 20
4645	..do....	J. B. Marsh.....	..do.....	4 15
4646	..do....	J. A. R. Koch.....	..do.....	4 19
4647	..do....	James Freeman.....	..do.....	4 52
4648	..do....	Frank Knox.....	..do.....	5 03
4649	..do....	E. S. Hayes.....	..do.....	3 64
4650	..do....	R. H. Brewer.....	..do.....	2 58
4651	..do....	J. A. Daeger.....	..do.....	5 95
4652	..do....	F. H. Busey.....	..do.....	6 56
4653	..do....	W. D. Rohl.....	..do.....	7 48
4654	..do....	T. M. Ghere.....	..do.....	3 71
4655	..do....	Geo. Osborn.....	..do.....	5 37
4656	..do....	A. Shields.....	..do.....	6 83
4657	..do....	C. Plottner.....	..do.....	3 91
4658	..do....	W. E. Heyer.....	..do.....	3 94
4659	..do....	E. R. Lape.....	..do.....	4 08
4660	..do....	H. Cherry.....	..do.....	4 90
4661	..do....	T. H. Richardson.....	..do.....	3 94
4662	..do....	John Ridgley.....	..do.....	3 06
4663	..do....	Z. Alsip.....	..do.....	4 08
4664	..do....	W. L. Davis.....	..do.....	5 40
4665	..do....	John Willsey.....	..do.....	5 47

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
4666	Dec. 2	W. C. Welch.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 4 05
4667	do.	W. W. Meyer.....	do.	5 64
4668	do.	W. T. Hobeson.....	do.	4 52
4669	do.	G. W. Clark.....	do.	5 85
4670	do.	Will Foor.....	do.	3 33
4671	do.	F. L. Swanson.....	do.	1 09
4672	do.	T. N. Burwash.....	do.	2 58
4673	do.	John Weiss.....	do.	4 15
4674	do.	S. Atchison.....	do.	4 22
4675	do.	Robt. Graham.....	do.	8 36
4676	do.	John McCullough.....	do.	17 17
4677	do.	R. Friedlander & Son.....	Books.....	16 73
4678	do.	General Verwaltung der Koniglichen Bibliothek.....	do.	32 38
4679	do.	Paul Gottschalk.....	do.	5 90
4680	do.	Pickering & Chatto.....	do.	2 72
4681	Dec. 3	T. P. Lyon.....	Dairy products furnished depart- ment of dairy husbandry.....	1 29
4682	do.	E. A. Smith.....	do.	3 60
4683	do.	Geo. Schiff.....	do.	4 90
4684	do.	J. W. Kelley.....	do.	3 49
4685	do.	John Rueb.....	do.	2 48
4686	do.	S. T. Carter.....	do.	3 95
4687	do.	B. Jordan.....	do.	11 80
4688	do.	T. F. Jordan.....	do.	13 26
4689	do.	C. Ross.....	do.	11 87
4690	do.	W. H. Gray.....	do.	2 96
4691	do.	A. J. Krukewitt.....	do.	4 32
4692	do.	L. F. Bialeschski.....	do.	3 53
4693	do.	C. A. Fogel.....	do.	4 21
4694	do.	Ebb Leigh.....	do.	3 06
4695	do.	Elmer Whole.....	do.	4 11
4696	do.	John Ridgeley.....	do.	3 09
4697	do.	L. F. Rayburn.....	do.	4 90
4698	do.	C. E. Kelley.....	do.	4 11
4699	do.	I. W. Maxwell.....	do.	4 22
4700	do.	E. V. Percival.....	do.	2 65
4701	do.	C. J. Von Holten.....	do.	4 66
4702	do.	Pearl Cardiff.....	do.	2 72
4703	Dec. 4	J. F. Hoy.....	do.	2 13
4704	do.	J. E. Henderson.....	do.	3 03
4705	do.	G. F. Diefenbach.....	do.	6 32
4706	do.	R. T. Lumsden.....	do.	2 79
4707	do.	W. F. Hampton.....	do.	4 62
4708	do.	L. F. Lindsey.....	do.	4 76
4709	do.	E. F. Lyons.....	do.	3 50
4710	do.	C. C. Gordon.....	do.	3 45
4711	do.	W. L. Davis.....	do.	5 37
4712	do.	J. Cornett.....	do.	3 91
4713	do.	Fred Krukewitt.....	do.	5 20
4714	do.	Andrew Ekblaw.....	do.	4 38
4715	do.	W. E. Satterfield.....	do.	4 01
4716	do.	J. M. Herriott.....	do.	3 87
4717	do.	Pearl Hazen.....	do.	4 69
4718	do.	Daniel Hahn.....	do.	5 98
4719	do.	Frank Hetro.....	do.	5 58
4720	do.	E. M. Elliott.....	do.	2 86
4721	do.	E. M. Frankenberg.....	do.	5 24
4722	do.	J. F. Hubbard.....	do.	3 64
4723	do.	Nicholas Hahn.....	do.	6 09
4724	do.	J. H. Umbanhowar.....	do.	5 34
4725	do.	E. B. Canady.....	do.	12 61
4726	do.	R. P. Hayes.....	do.	3 20
4727	do.	Geo. Osborn.....	do.	5 30
4728	do.	Andrew Shields.....	do.	7 17
4729	do.	I. H. Gordon.....	do.	7 28
4730	do.	T. H. Richardson.....	do.	3 91
4731	do.	A. E. Keys, Contractor.....	Payment sewer contract.....	533 45
4732	do.	A. E. Keys, Contractor.....	do.	177 93
4733	do.	A. E. Keys, Contractor.....	do.	117 00
4734	do.	Engineering Magazine.....	Advertising.....	2 09
4735	do.	G. E. Stechert & Co.....	Books.....	2 20
4736	do.	L. L. Knight.....	do.	3 80
4737	do.	Canadian Mining Institute.....	do.	5 00
4738	do.	C. A. Denman.....	Painting.....	86 81
4739	do.	Ernst Hertzberg & Son.....	Books.....	9 35
4740	do.	Taylor Hardware Co.....	Hardware.....	1 28
4741	do.	Laura B. Evans.....	Traveling expenses.....	137 19

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
4742	Dec. 4	David Kinley	Traveling expenses	\$ 14 19
4743	do.	Reliable Plumbing & Heating Co.	Iron pipe	41 58
4744	do.	Pantagraph Printing & Stationery Co.	Copies, reprint bulletin	36 57
4745	do.	Alexander Lumber Co.	Lumber	3 40
4746	do.	S. E. Huff & Co.	do.	2 95
4747	do.	Pressed Prism Plate Glass Co.	Plate glass	9 27
4748	do.	A. S. Nelson & Sons	Dog biscuit	2 00
4749	Dec. 5	Florence E. Watson	Traveling expenses	18 89
4750	do.	L. E. Knorr	do.	6 10
4751	do.	W. H. Paulus	Balance salary, October 27-31 and November, 1913	65 18
4752	do.	C. F. Miller	Chemical supplies	3 15
4753	do.	T. H. Flood & Co.	Books	278 25
4754	do.	Statute Law Book Co.	do.	20 30
4755	do.	Federal Sign System	Brass	5 66
4756	do.	General Chemical Co.	Chemical supplies	1 71
4757	do.	Spencer Lens Co.	Slide labels	6 75
4758	do.	Lawyers Co-operative Publishing Co.	Books	2 50
4759	do.	National Law Finder Publishing Co.	do.	10 00
4760	do.	G. E. Frazer, Comptroller	Traveling expenses	39 39
4761	do.	W. L. Abbott	Telephone	11 54
4762	do.	Boston Book Co.	Books	8 00
4763	do.	Callaghan & Co.	do.	57 25
4764	Dec. 6	Geo. Schiff	Dairy products furnished department of dairy husbandry	4 79
4765	do.	W. E. Womacks	do.	2 28
4766	do.	J. D. Yeazel	do.	4 25
4767	do.	J. D. Pulliam	do.	4 45
4768	do.	Grant Freeman	do.	3 57
4769	do.	Frank Knox	do.	5 44
4770	do.	C. A. Fogel	do.	4 11
4771	do.	John Ingleman	do.	5 50
4772	do.	L. J. Wienke	do.	3 33
4773	do.	O. E. Staples, Bursar	Rebates to students	34 00
4774	Dec. 9	W. R. Olinger	Dairy products furnished department of dairy husbandry	2 80
4775	do.	R. J. Collier	do.	9 47
4776	do.	A. J. Spohn	do.	2 79
4777	do.	C. R. Reiter	do.	2 53
4778	do.	H. E. Seigman	do.	19 81
4779	do.	M. E. Simonsen	do.	9 92
4780	do.	C. L. Jacobsen	do.	2 48
4781	do.	W. F. Conway	do.	6 40
4782	do.	N. Muller	do.	2 79
4783	do.	M. H. Anderson	do.	6 51
4784	do.	Green River Creamery Produce Co.	do.	5 70
4785	do.	J. R. Newberry	do.	9 89
4786	do.	O. W. Albright	do.	2 44
4787	do.	Spring Valley Creamery Co.	do.	2 44
4788	do.	P. J. Petersen	do.	6 40
4789	do.	E. Grove	do.	3 16
4790	do.	Lou Creiger	do.	8 40
4791	do.	C. W. Hamm	do.	3 33
4792	do.	C. Dunn	do.	4 83
4793	do.	D. Wilkins	do.	1 73
4794	do.	E. S. Hayes	do.	3 33
4795	do.	J. A. R. Koch	do.	5 41
4796	do.	Geo. Osborn	do.	5 64
4797	do.	P. J. Wagner	do.	6 80
4798	do.	Ed. Heppe	do.	4 90
4799	do.	T. M. Ghere	do.	5 44
4800	do.	J. Freeman	do.	4 59
4801	do.	W. E. Yount	do.	9 38
4802	do.	D. B. White	do.	8 43
4803	do.	J. B. Marsh	do.	4 22
4804	do.	L. P. Rayburn	do.	3 57
4805	do.	E. R. Canady	do.	5 98
4806	do.	A. Ekblaw	do.	4 69
4807	do.	Van Carter	do.	4 76
4808	do.	W. J. Wilson	do.	3 74
4809	do.	O. A. Foster	do.	4 39
4810	do.	F. H. Busey	do.	6 43
4811	do.	John Willsey	do.	5 27
4812	do.	W. C. Welch	do.	4 76
4813	do.	I. W. Maxwell	do.	3 16
4814	do.	G. W. Clark	do.	4 39
4815	do.	Mary Warner	do.	5 64
4816	Dec. 10	G. E. Stechert & Co.	Books	14 12
4817	do.	A. C. McClurg & Co.	do.	324 16

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
4818	Dec. 10	The Sneed & Co. Iron Works.	Book supports.	\$ 4 15
4819	do.	Peck & Hills Furniture Co.	Cabinet.	14 40
4820	do.	Beardsley Hotel Co.	Entertainment, Wm. Ramsay.	19 10
4821	do.	E. A. Eichorst.	Harness.	8 00
4822	do.	J. L. Edmonds.	Traveling expenses.	10 14
4823	do.	Robert B. Keller.	do.	7 10
4824	do.	New York Times Annalist.	Subscription.	6 00
4825	do.	Lemcke & Buechner.	Books.	55 03
4826	do.	E. F. Lyon.	Dairy products furnished department of dairy husbandry.	2 52
4827	do.	T. P. Lyons.	do.	2 38
4828	do.	Ralph Smith.	do.	2 82
4829	do.	A. R. Grindley.	do.	4 08
4830	do.	Geo. Schiff.	do.	6 39
4831	do.	B. Jordan.	do.	10 00
4832	do.	C. Ross.	do.	10 27
4833	do.	Wm. Van Buskirk.	do.	4 83
4834	do.	W. E. Heyer.	do.	3 91
4835	do.	W. J. Kelley.	do.	4 37
4836	do.	C. E. Kelley.	do.	4 07
4837	do.	Geo. Hurst.	do.	4 59
4838	do.	T. F. Jordan.	do.	12 75
4839	do.	M. Leigh.	do.	5 98
4840	do.	R. L. Myers.	do.	6 15
4841	do.	J. C. Shrock.	do.	5 71
4842	do.	Jos. Mounts.	do.	5 71
4843	do.	Mary Warner.	do.	5 47
4844	do.	Pearl Cardiff.	do.	2 99
4845	do.	Mary Moore.	Traveling expenses, High School Conference.	5 04
4846	do.	Mattie Thomas.	do.	3 10
4847	do.	G. J. Koons.	do.	7 20
4848	do.	Sara J. Whittenberg.	do.	7 20
4849	do.	Mary L. English.	do.	1 70
4850	do.	Frances E. Sabin.	do.	5 32
4851	do.	U. S. Parker.	do.	8 00
4852	do.	Lydia M. Smedley.	do.	7 19
4853	do.	F. M. Giles.	do.	9 36
4854	do.	R. R. Snapp.	do.	4 20
4855	do.	W. L. Eikenberry.	do.	6 54
4856	do.	J. W. Morgan.	do.	6 18
4857	do.	J. W. Brown.	do.	3 25
4858	do.	Osbourne McConathy.	do.	5 04
4859	do.	C. E. Lawyer.	do.	6 52
4860	do.	A. C. Norris.	do.	16 51
4861	do.	Constance Barlow-Smith.	Expenses, chairman of committee.	2 20
4862	do.	H. V. Canter.	do.	1 53
4863	do.	Otis W. Caldwell.	Traveling expenses, High School Conference.	9 19
4864	do.	Denison Mfg. Co.	Office supplies.	2 39
4865	do.	Beardsley Hotel Co.	Entertainment, Drs. Richards and Peterson.	6 50
4866	do.	A. C. McClurg & Co.	Books.	7 05
4867	Dec. 11	C. C. Gordon.	Dairy products furnished department of dairy husbandry.	5 85
4868	do.	J. F. Hoy.	do.	2 38
4869	do.	L. F. Lindsey.	do.	4 64
4870	do.	H. I. Nelson.	do.	2 52
4871	do.	E. A. Smith.	do.	4 49
4872	do.	W. H. Gray.	do.	3 67
4873	do.	R. T. Lumsden.	do.	3 74
4874	do.	A. J. Putscher.	do.	1 77
4877	do.	R. A. Lumsden.	do.	2 88
4876	do.	G. F. Diefenbach.	do.	3 54
4877	do.	J. E. Henderson.	do.	3 37
4878	do.	W. F. Hampton.	do.	5 03
4879	do.	Wm. Case.	do.	5 30
4880	do.	Z. Alsip.	do.	4 96
4881	do.	F. S. Umbanhowar.	do.	3 71
4882	do.	Frank Hetro.	do.	5 78
4883	do.	Frank Knox.	do.	5 58
4884	do.	E. R. Canady.	do.	12 21
4885	do.	Geo. Osborn.	do.	5 27
4886	do.	Pearl Hazen.	do.	4 82
4887	do.	R. P. Hayes.	do.	3 30
4888	do.	G. W. Van Meter.	do.	5 13
4889	do.	I. H. Gordon.	do.	6 32
4890	do.	W. L. Hobson.	do.	4 69
4891	do.	W. D. Rohl.	do.	5 58

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
4892	Dec. 11	H. D. Smith	Catering for lunch	\$225 00
4893	do	Julia F. Burnham, Hospital	Fees	229 50
4894	Dec. 12	J. M. Stickrod	Dairy products furnished department of dairy husbandry	5 03
4895	do	Geo. Schiff	do	4 76
4896	do	Andrew Shields	do	6 09
4897	do	Ebb Leigh	do	2 58
4898	do	M. Cherry	do	5 24
4899	do	John Rueb	do	3 23
4900	do	Frank Krugh	do	3 60
4901	do	J. M. Herriott	do	3 94
4902	do	H. Cherry	do	5 44
4903	do	L. G. Van Buskirk	do	4 83
4904	do	W. L. Davis	do	5 74
4905	do	I. W. Maxwell	do	2 89
4906	do	H. Richardson	do	4 42
4907	do	A. W. Stoolman	Doors	21 00
4908	do	N. Hay	Traveling expenses	6 35
4909	do	Metzler & Schafer Co.	Supplies	1 91
4910	do	Ideal Electric Co.	Wiring court room	71 85
4911	do	Rieckhoff Bakery	Supplies	3 45
4912	do	United States Audit Co.	Auditing	497 23
4913	do	University of Illinois Supply Store	Laboratory apparatus	91 63
4914	do	John H. Doyle	do	4 85
4915	Dec. 13	Metzler & Schafer Co.	Laboratory supplies	43 36
4916	do	Dallenbach Bros.	do	9 87
4917	do	W. Lewis & Co.	do	2 81
4918	do	Twin City Ice & Cold Storage Co.	Ice book	4 00
4919	Dec. 15	C. Dunn	Dairy products furnished department of dairy husbandry	8 26
4920	do	E. Grove	do	4 11
4921	do	Lou Creiger	do	8 06
4922	do	O. W. Hampton	do	2 48
4923	do	M. Hudson	do	2 58
4924	do	J. Freeman	do	4 93
4925	do	R. H. Brewer	do	2 79
4926	do	W. J. Wilson	do	2 07
4927	do	J. H. Umbanhowar	do	5 17
4928	do	J. F. Hubbard	do	3 89
4929	do	L. P. Rayburn	do	3 64
4930	do	Elmer Whole	do	2 92
4931	do	J. A. R. Koch	do	5 37
4932	do	J. B. Marsh	do	3 98
4933	do	J. D. Pulliam	do	4 15
4934	do	D. B. White	do	7 45
4935	do	Wm. Van Buskirk	do	2 22
4936	do	E. R. Canady	do	5 64
4937	do	W. E. Womacks	do	3 06
4938	do	C. A. Fogel	do	4 52
4939	do	Van Carter	do	4 15
4940	do	T. M. Ghere	do	4 83
4941	do	J. A. Daeger	do	5 71
4942	do	J. Ridgeley	do	3 23
4943	do	F. Sheffer	do	6 05
4944	do	F. H. Busey	do	5 98
4945	do	C. E. Smoot	do	4 90
4946	do	W. W. Meyer	do	4 45
4947	do	C. J. Von Holten	do	4 83
4948	do	G. W. Clark	do	4 56
4949	do	J. Willsey	do	3 88
4950	do	W. C. Welch	do	4 28
4951	do	The Museum Book Store	Books	5 00
4952	do	Auguste Picard	do	4 39
4953	do	Pickering & Chatto	do	10 54
4954	Dec. 16	The L. S. Starrett Co.	Laboratory supplies	22 53
4955	do	E. H. Sargent & Co.	do	4 70
4956	do	Metzler & Schafer Co.	do	6 38
4957	do	Chas. H. Woolbert	Traveling expenses	22 39
4958	do	Fred Fine	do	9 04
4959	do	J. M. Clapp	do	24 86
4960	do	T. W. Galloway	do	16 00
4961	do	Howard W. Adams	do	4 12
4962	do	Dr. H. S. Pepoon	do	7 04
4963	do	T. H. Ziegler	do	5 30
4964	do	D. C. Hilling	do	3 76
4965	do	Max Griebsch	do	15 00
4966	do	Gladys Graham	do	6 00
4967	do	Central Electric Co.	Office supplies	4 95
4968	do	Pantagraph Printing & Stationery Co.	Printing	587 51

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
4969	Dec. 16	F. P. Smith Wire & Iron Works.....	Screens.....	\$ 7 20
4870	do.....	C. E. Bradbury.....	Clerical assistance.....	4 50
4971	Dec. 17	T. N. Burwash.....	Dairy products furnished department of dairy husbandry.....	1 09
4972	do.....	Robt. Graham.....	do.....	11 59
4973	do.....	John Weiss.....	do.....	10 34
4974	do.....	S. Atchison.....	do.....	7 52
4975	do.....	J. McCullough.....	do.....	13 67
4976	do.....	E. F. Lyon.....	do.....	4 35
4977	do.....	G. Schiff.....	do.....	6 73
4978	do.....	W. H. Gray.....	do.....	4 32
4979	do.....	John Rueb.....	do.....	3 20
4980	do.....	Wm. Leischner.....	do.....	5 10
4981	do.....	Pearl Hazen.....	do.....	4 38
4982	do.....	A. Kroner.....	do.....	5 57
4983	do.....	W. L. Davis.....	do.....	5 88
4984	do.....	R. L. Myers.....	do.....	5 16
4985	do.....	C. Ross.....	do.....	10 13
4986	do.....	G. W. Van Meter.....	do.....	8 30
4987	do.....	T. F. Jordan.....	do.....	12 58
4988	do.....	B. Jordan.....	do.....	7 17
4989	do.....	A. Ekblaw.....	do.....	4 45
4990	do.....	W. E. Heyer.....	do.....	2 75
4991	do.....	Jas. Mounts.....	do.....	5 74
4992	do.....	G. C. Cochran.....	do.....	4 76
4993	do.....	W. J. Kelly.....	do.....	4 41
4994	do.....	I. W. Maxwell.....	do.....	4 49
4995	do.....	S. V. Mayhen.....	do.....	3 81
4996	do.....	Reliable Plumbing & Heating Co., Contractors.....	Building contract.....	1,665 66
4997	do.....	I. R. Carter.....	Traveling expenses.....	20 44
4998	do.....	H. Sydow.....	Books.....	4 04
4999	do.....	F. Oppenheim.....	do.....	19 30
5000	do.....	W. Ernst Seatree.....	Professional services.....	196 49
5001	do.....	John Alexander Cooper.....	do.....	182 50
5002	do.....	Wm. Gaertner & Co.....	Laboratory apparatus.....	10 12
5003	do.....	J. E. Henderson.....	Dairy products furnished department of dairy husbandry.....	3 40
5004	do.....	W. F. Hampton.....	do.....	5 17
5005	do.....	R. T. Lumsden.....	do.....	2 07
5006	do.....	R. A. Lumsden.....	do.....	3 57
5007	do.....	L. F. Lindsey.....	do.....	3 84
5008	do.....	G. F. Diefenbach.....	do.....	3 67
5009	do.....	A. R. Grindley.....	do.....	6 26
5010	do.....	C. C. Gordon.....	do.....	5 37
5011	do.....	E. A. Smith.....	do.....	3 84
5012	do.....	J. F. Hoy.....	do.....	2 10
5013	do.....	F. Krukewitt.....	do.....	6 56
5014	do.....	Frank Knox.....	do.....	5 44
5015	do.....	John Cornett.....	do.....	5 81
5016	do.....	F. Hetro.....	do.....	5 44
5017	do.....	Ed. Heppe.....	do.....	4 83
5018	do.....	W. E. Yount.....	do.....	8 53
5019	do.....	Ebb Leigh.....	do.....	3 20
5020	do.....	W. E. Satterfield.....	do.....	4 83
5021	do.....	R. P. Hayes.....	do.....	1 80
5022	do.....	M. Cherry.....	do.....	2 65
5023	do.....	E. R. Canady.....	do.....	10 47
5024	do.....	M. Leigh.....	do.....	5 20
5025	do.....	E. M. Frankenburg.....	do.....	3 67
5026	do.....	T. M. Ghere.....	do.....	4 69
5027	do.....	Daniel Hahn.....	do.....	5 07
5028	do.....	W. D. Rohl.....	do.....	4 56
5029	do.....	A. W. McJilton.....	do.....	3 12
5030	do.....	A. Shields.....	do.....	6 32
5031	do.....	H. Richardson.....	do.....	4 39
5032	do.....	I. H. Gordon.....	do.....	6 60
5033	Dec. 18	R. E. Himstedt.....	Traveling expenses.....	20 60
5034	do.....	O. E. Staples, Bursar.....	Rebates to students.....	91 00
5035	do.....	O. E. Staples, Bursar.....	Express bills.....	3 55
5036	Dec. 19	C. H. Mills.....	Traveling expenses.....	127 40
5037	do.....	E. G. Lorenzen.....	do.....	18 54
5038	do.....	W. R. Bradley & Co.....	Rent.....	35 00
5039	do.....	Flora Lumber Co.....	Building materials.....	12 08
5040	do.....	Flat Iron Store Co.....	Shades.....	49 50
5041	do.....	Crane Co.....	Supplies.....	5 03
5042	do.....	O. A. Harker.....	Traveling expenses.....	12 91
5043	do.....	Orr & Lockett Hardware Co.....	Laboratory apparatus.....	6 61

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
5044	Deb. 19	E. Grove.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 2 72
5045	do.	Lou Creiger.....	do.	7 11
5046	do.	J. M. Stickrod.....	do.	5 32
5047	do.	Geo. Schiff.....	do.	4 83
5048	do.	C. A. Fogel.....	do.	3 57
5049	do.	C. J. Gillespie.....	do.	3 33
5050	do.	M. Cherry.....	do.	4 62
5051	do.	J. M. Herriott.....	do.	4 04
5052	do.	Mary Warner.....	do.	5 84
5053	do.	C. C. Rayburn.....	do.	3 84
5054	Dec. 22	H. A. DeWerff.....	Clerical work.....	55 00
5055	do.	G. M. Grantham.....	do.	25 00
5056	do.	E. F. Torgerson.....	do.	25 00
5057	do.	Library Bureau.....	Cases.....	400 00
5058	do.	J. H. Percival.....	Feeding stuffs.....	78 10
5059	do.	A. T. Weaver.....	Traveling expenses.....	8 84
5060	do.	M. Hudson.....	Dairy products furnished depart- ment of dairy husbandry.....	3 60
5061	do.	C. Dunn.....	do.	5 11
5062	do.	O. W. Hampton.....	do.	4 29
5063	do.	J. B. Marsh.....	do.	5 54
5064	do.	E. S. Hayes.....	do.	3 38
5065	do.	W. J. Wilson.....	do.	2 95
5066	do.	E. R. Canady.....	do.	6 37
5067	do.	T. M. Ghery.....	do.	5 36
5068	do.	J. Ridgeley.....	do.	3 60
5069	do.	J. A. R. Koch.....	do.	4 90
5070	do.	G. W. VanMeter.....	do.	5 83
5071	do.	W. L. Davis.....	do.	6 12
5072	do.	F. H. Busey.....	do.	7 27
5073	do.	D. B. White.....	do.	6 88
5074	do.	F. Elliott.....	do.	2 70
5075	do.	A. Ekblaw.....	do.	4 50
5076	do.	J. Freeman.....	do.	5 33
5077	do.	F. Hetro.....	do.	4 43
5078	do.	Z. Alsip.....	do.	4 03
5079	do.	H. Cherry.....	do.	5 36
5080	do.	W. T. Hobson.....	do.	4 00
5081	do.	G. W. Clark.....	do.	6 48
5082	do.	I. W. Maxwell.....	do.	4 14
5083	do.	W. H. Gray.....	do.	4 46
5084	do.	W. C. Welch.....	do.	4 39
5085	do.	T. H. Richardson.....	do.	6 44
5086	Dec. 23	E. A. Smith.....	do.	3 60
5087	do.	T. P. Lyon.....	do.	3 46
5088	do.	A. R. Grindley.....	do.	3 46
5089	do.	E. F. Lyon.....	do.	3 96
5090	do.	J. E. Henderson.....	do.	3 31
5091	do.	Ralph Smith.....	do.	3 28
5092	do.	C. W. Hamm.....	do.	1 94
5093	do.	H. I. Nelson.....	do.	2 80
5094	do.	O. A. McInness.....	do.	2 23
5095	do.	Geo. Schiff.....	do.	6 55
5096	do.	Pearl Hazen.....	do.	5 33
5097	do.	Geo. Hurst.....	do.	5 69
5098	do.	J. Ingleman.....	do.	4 76
5099	do.	C. Plottner.....	do.	4 03
5100	do.	C. E. Kelly.....	do.	4 10
5101	do.	C. Ross.....	do.	10 51
5102	do.	B. Jordan.....	do.	11 05
5103	do.	T. F. Jordan.....	do.	13 50
5104	do.	C. E. Smoot.....	do.	4 97
5105	do.	W. J. Kelly.....	do.	3 85
5106	do.	A. Shields.....	do.	6 63
5107	do.	I. W. Maxwell.....	do.	3 35
5108	do.	C. J. VonHolten.....	do.	4 18
5109	do.	O. E. Staples, Bursar.....	Sundry bills.....	18 00
5110	Dec. 24	C. C. Gordon.....	Dairy products furnished depart- ment of dairy husbandry.....	6 44
5111	do.	R. A. Lumsden.....	do.	3 20
5112	do.	L. F. Lindsey.....	do.	3 71
5113	do.	G. F. Diefenbach.....	do.	4 68
5114	do.	A. J. Putscher.....	do.	1 34
5115	do.	W. F. Hampton.....	do.	6 12
5116	do.	R. T. Lumsden.....	do.	2 95
5117	do.	G. L. VanBuskirk.....	do.	5 69
5118	do.	J. Rueb.....	do.	2 77
5119	do.	W. L. Davis.....	do.	6 02

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
5120	Dec. 24	W. E. Womacks.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 4 03
5121	..do..	C. A. Fogel.....	..do..	3 82
5122	..do..	J. F. Hubbard.....	..do..	3 53
5123	..do..	S. G. Richards.....	..do..	2 05
5124	..do..	R. P. Hayes.....	..do..	2 41
5125	..do..	G. C. Cochran.....	..do..	5 62
5126	..do..	W. E. Satterfield.....	..do..	5 00
5127	..do..	J. H. Umbanhowar.....	..do..	6 34
5128	..do..	L. P. Rayburn.....	..do..	8 89
5129	..do..	W. Leischner.....	..do..	6 62
5130	..do..	W. Case.....	..do..	5 40
5131	..do..	F. S. Umbanhowar.....	..do..	3 31
5132	..do..	W. E. Yount.....	..do..	9 36
5133	..do..	E. R. Canady.....	..do..	6 70
5134	..do..	T. M. Ghere.....	..do..	4 39
5135	..do..	L. J. Wienke.....	..do..	5 00
5136	..do..	J. Mounts.....	..do..	6 73
5137	..do..	J. C. Shrock.....	..do..	5 55
5138	..do..	G. W. VanMeter.....	..do..	5 98
5139	..do..	Mary Warner.....	..do..	5 55
5140	..do..	I. H. Gordon.....	..do..	7 56
5141	Dec. 29	Martha J. Kyle.....	Traveling expenses.....	11 72
5142	..do..	Clarence Bonnell.....	..do..	12 35
5143	..do..	H. N. Clom.....	..do..	5 25
5144	..do..	Bessie L. Priddy.....	..do..	22 40
5145	..do..	E. B. Babcock.....	..do..	6 14
5146	..do..	Arthur C. Lunn.....	..do..	5 60
5147	..do..	P. J. Krayer.....	Adjusting balances.....	2 50
5148	..do..	Herrick & Stoltey.....	Livery.....	15 00
5149	..do..	Olive Percival.....	Traveling expenses and lecture.....	40 44
5150	..do..	W. Lewis & Co.....	Laboratory apparatus.....	96 54
5151	..do..	Beardsley Hotel Co.....	Entertainment.....	60 00
5152	..do..	Dr. C. E. Lucas.....	Field expenses.....	5 00
5153	..do..	Ingram-Richardson Mfg. Co.....	Laboratory apparatus.....	46 80
5154	Dec. 29	F. H. Busey.....	Dairy products furnished depart- ment of dairy husbandry.....	6 88
5155	..do..	E. Grove.....	..do..	4 46
5156	..do..	L. Creiger.....	..do..	9 65
5157	..do..	Geo. Schiff.....	..do..	6 52
5158	..do..	O. A. McInness.....	..do..	3 92
5159	..do..	W. C. Welch.....	..do..	4 18
5160	..do..	J. Ridgeley.....	..do..	3 64
5161	..do..	J. A. Curzon.....	..do..	5 47
5162	..do..	C. A. Fogel.....	..do..	3 42
5163	..do..	J. M. Herriott.....	..do..	4 14
5164	..do..	C. C. Rayburn.....	..do..	4 54
5165	..do..	W. D. Rohl.....	..do..	4 68
5166	..do..	J. H. Jenks.....	..do..	3 60
5167	..do..	E. R. Canady.....	..do..	6 34
5168	..do..	F. Hetro.....	..do..	5 90
5169	..do..	J. B. Marsh.....	..do..	7 02
5170	..do..	P. J. Wagner.....	..do..	8 32
5171	..do..	W. J. Wilson.....	..do..	2 74
5172	..do..	Ebb Leigh.....	..do..	3 60
5173	..do..	J. A. R. Koch.....	..do..	5 69
5174	..do..	W. VanBuskirk.....	..do..	5 76
5175	..do..	W. J. Kelley.....	..do..	4 02
5176	Dec. 30	Ernst Hertzberg & Sons.....	Books.....	5 94
5177	..do..	The Brookmire Economic Service.....	..do..	50 00
5178	..do..	Otto Harassowitz.....	..do..	24 99
5179	..do..	The John Clark Co.....	..do..	64 50
5180	..do..	A. C. McClurg & Co.....	..do..	6 30
5181	..do..	Karl W. Hiersemann.....	..do..	17 38
5182	..do..	W. Heffer & Sons.....	..do..	3 93
5183	..do..	Otto Lange.....	..do..	10 97
5184	..do..	G. E. Stechert & Co.....	..do..	1 08
5185	..do..	David Kinley.....	Traveling expenses.....	10 39
5186	..do..	National Child Labor Committee.....	Membership fee.....	2 00
5187	..do..	F. P. Hampton.....	Ewe.....	35 00
5188	Dec. 31	M. Warner.....	Dairy products furnished depart- ment of dairy husbandry.....	6 05
5189	..do..	G. Freeman.....	..do..	3 02
5190	..do..	G. Hoblick.....	..do..	4 39
5191	..do..	A. Ekblaw.....	..do..	4 64
5192	..do..	P. P. Dunn.....	..do..	3 42
5193	..do..	G. W. Van Meter.....	..do..	9 21
5194	..do..	J. H. Besore.....	..do..	8 56
5195	..do..	P. Hazen.....	..do..	5 68



GENERAL UNIVERSITY VOUCHERS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
5196	Dec. 31, 1913.	T. P. Lyon.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 3.99
5197	do.	J. E. Henderson.....	do.	3.09
5198	do.	T. F. Jordan.....	do.	11.02
5199	do.	C. Ross.....	do.	10.87
5200	do.	B. Jordan.....	do.	8.06
5201	do.	A. R. Grindley.....	do.	5.32
5202	do.	Mary E. Bussey.....	Traveling expenses.....	12.47
5203	do.	Florence E. Watson.....	do.	20.04
5204	do.	Ellen M. Harroth.....	do.	16.27
5205	do.	C. M. McCorm.....	do.	9.35
5206	do.	J. R. Trevett.....	do.	9.65
5207	Jan. 1914.	Max Wegg.....	Books.....	196.20
5208	do.	Gustav Fock.....	Dairy products furnished depart- ment of dairy husbandry.....	2.10
5209	Jan. 6	R. S. McInness.....	do.	1.20
5210	do.	O. W. Hampton.....	do.	3.64
5211	do.	A. J. Putscher.....	do.	1.44
5212	do.	L. F. Lindsey.....	do.	2.41
5213	do.	W. F. Hampton.....	do.	8.28
5214	do.	R. A. Lumsden.....	do.	3.92
5215	do.	O. A. McInness.....	do.	3.38
5216	do.	C. Dunn.....	do.	9.72
5217	do.	M. Hudson.....	do.	4.79
5218	do.	H. I. Nelson.....	do.	1.62
5219	do.	Geo. Schiffr.....	do.	6.01
5220	do.	C. C. Gordon.....	do.	6.12
5221	do.	G. F. Diefenbach.....	do.	5.29
5222	do.	R. T. Lumsden.....	do.	1.66
5223	do.	W. E. Hoyer.....	do.	4.21
5224	do.	T. M. Ghare.....	do.	4.07
5225	do.	J. M. Herrloff.....	do.	6.41
5226	do.	W. E. Yount.....	do.	9.65
5227	do.	Daniel Hahn.....	do.	5.22
5228	do.	J. Ridgely.....	do.	3.74
5229	do.	M. Leigh.....	do.	6.01
5230	do.	E. R. Canady.....	do.	11.52
5231	do.	A. Shields.....	do.	7.31
5232	do.	J. Freeman.....	do.	6.52
5233	do.	Tom Libka.....	do.	7.56
5234	do.	F. Krutewitt.....	do.	7.74
5235	do.	A. Ekblaw.....	do.	4.79
6236	do.	Elmer Whole.....	do.	3.67
5237	do.	E. S. Hayes.....	do.	3.26
5238	do.	T. M. Guynn.....	do.	5.24
5239	do.	R. P. Hayes.....	do.	2.30
5240	do.	G. Huest.....	do.	8.57
5241	do.	D. B. White.....	do.	6.05
5242	do.	F. Schweinke.....	do.	8.78
5243	do.	H. Richardson.....	do.	8.06
5244	do.	I. W. Maxwell.....	do.	7.38
5245	do.	I. H. Gordon.....	do.	4.61
5246	do.	W. T. Hobson.....	do.	4.10
5247	do.	W. W. Meyer.....	do.	4.21
5248	do.	E. A. Smith.....	do.	4.20
5249	do.	J. F. Seltzer.....	Traveling expenses.....	3.74
5251	do.	D. D. Hains.....	do.	12.17
5252	do.	T. A. Clark.....	Clippings.....	18.59
5253	do.	Lloyd Morey.....	Advertising.....	7.50
5254	do.	20th Century Press Clipping Bureau.	Laboratory supplies.....	1.05
5255	do.	G. C. Willis.....	do.	3.14
5256	do.	Chester Transfer Co.....	Livery.....	4.00
5257	Jan. 7	H. W. VandYke.....	Dairy products furnished depart- ment of dairy husbandry.....	21.42
5258	do.	J. E. Haney.....	do.	6.50
5259	do.	Mommouth Creamery Co.....	do.	3.05
5260	do.	Spring Valley Creamery Co.....	do.	3.15
5261	do.	M. E. Simonsen.....	do.	10.88
5262	do.	C. L. Jacobson.....	do.	3.15
5263	do.	A. J. Spohn.....	do.	11.20
5264	do.	M. H. Anderson.....	do.	7.35
5265	do.	Charleston Dairy Co.....	do.	10.87
5266	do.	F. J. Weddige.....	do.	7.35
5267	do.	P. J. Petersen.....	do.	7.85
5268	do.	Collier Bros.....	do.	10.87
5269	do.	H. E. Selgman.....	do.	4.90*
5270	do.	W. F. Conway.....	do.	4.42

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
5271	Jan. 1914.	7 Ferdinand Grimm.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 3 15
5272	do	John McCullough.....	do	12 27
5273	do	Robt. Graham.....	do	11 77
5274	do	T. N. Burwash.....	do	5 08
5275	do	John Weiss.....	do	12 42
5276	do	S. Atchison.....	do	8 03
5277	Jan. 9	C. C. Gordon.....	do	5 76
5278	do	C. Dunn.....	do	4 90
5279	do	L. D. Lindsey.....	do	2 27
5280	do	R. T. Lunsden.....	do	1 76
5281	do	W. F. Hampton.....	do	7 85
5282	do	R. A. Lunsden.....	do	6 37
5283	do	A. J. Putscher.....	do	1 33
5284	do	R. S. McInness.....	do	2 20
5285	do	M. Hudson.....	do	3 64
5286	do	A. R. Grindley.....	do	5 08
5287	do	T. P. Lyons.....	do	4 21
5288	do	E. A. Smith.....	do	8 57
5289	do	Geo. Schmit.....	do	4 51
5290	do	R. Smith.....	do	8 27
5291	do	O. A. McInness.....	do	3 56
5292	do	L. Creiger.....	do	4 67
5293	do	J. M. Sheldrod.....	do	7 13
5294	do	C. W. Hamm.....	do	6 91
5295	do	L. H. Bacre.....	do	2 52
5296	do	P. P. Dunn.....	do	7 60
5297	do	J. E. Henderson.....	do	3 24
5298	do	R. P. Hayes.....	do	6 33
5299	do	F. Hebo.....	do	2 34
5300	do	J. Ridgely.....	do	6 41
5301	do	J. W. Rayburn.....	do	4 18
5302	do	W. J. Wilson.....	do	4 46
5303	do	J. F. Hubbard.....	do	4 64
5304	do	L. Locke.....	do	3 82
5305	do	W. E. Yount.....	do	5 54
5306	do	E. S. Hayes.....	do	10 26
5307	do	C. E. Smoot.....	do	2 99
5308	do	Van Carter.....	do	4 28
5309	do	Wm. Case.....	do	3 17
5310	do	D. B. White.....	do	6 01
5311	do	J. B. Marsh.....	do	8 86
5312	do	T. M. Ghene.....	do	12 96
5313	do	C. C. Rayburn.....	do	10 72
5314	do	J. A. Daeger.....	do	6 80
5315	do	C. C. Coulter.....	do	6 01
5316	do	G. Hobick.....	do	4 61
5317	do	E. R. Beevers.....	do	4 54
5318	do	C. C. Cochran.....	do	5 62
5319	do	W. Leshner.....	do	4 32
5320	do	R. L. Meyers.....	do	6 84
5321	do	Pearl Hazen.....	do	5 48
5322	do	Edo Leigh.....	do	5 12
5323	do	A. E. Hayes.....	do	3 71
5324	do	T. M. Guyton.....	do	4 93
5325	do	T. F. Jordan.....	do	6 05
5326	do	C. Ross.....	do	15 80
5327	do	B. Jordan.....	do	6 05
5328	do	C. E. Kelly.....	do	11 59
5329	do	Mary Warner.....	do	11 99
5330	do	F. C. Stevenson.....	do	4 03
5331	do	F. L. Kruhn.....	do	4 40
5332	do	Z. Alsip.....	do	5 98
5333	do	C. A. Fogel.....	do	4 11
5334	do	E. M. Frankenburg.....	do	3 10
5335	do	A. Shields.....	do	4 61
5336	do	W. E. Satterfield.....	do	6 95
5337	do	F. H. Bussey.....	do	4 61
5338	do	E. R. Canady.....	do	6 59
5339	do	I. A. R. Koch.....	do	13 32
5340	do	J. Sheffer.....	do	5 02
5341	do	J. D. Pulliam.....	do	6 19
5342	do	G. W. Vandeleer.....	do	4 61
5343	do	J. Knob.....	do	14 44
5344	do	W. E. Womacks.....	do	2 77
5345	do	G. O. McDorris.....	do	3 24
5346	do	H. J. Krukwilt.....	do	4 39
5347	do	J. Mounis.....	do	3 04
5348	do	do	do	6 52

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
5349	Jan. 9	W. L. Davis.....	Dairy products furnished department of dairy husbandry.....	\$ 5 98
5350	do.	R. G. McMahon.....	do.	4 75
5351	do.	J. Cornett.....	do.	7 63
5352	do.	H. Cherry.....	do.	6 37
5353	do.	T. H. Richardson.....	do.	10 08
5354	do.	E. V. Percival.....	do.	6 55
5355	do.	I. W. Maxwell.....	do.	3 53
5356	do.	W. C. Welch.....	do.	3 96
5357	do.	O. W. Hampton.....	do.	5 01
5358	do.	I. H. Besore.....	do.	7 99
5359	do.	G. Schiff.....	do.	4 86
5360	do.	C. W. Hamm.....	do.	1 55
5361	do.	P. P. Dunn.....	do.	5 65
5362	do.	F. Schweineke.....	do.	6 73
5363	do.	G. W. VanMeter.....	do.	5 11
5364	do.	C. A. Fogel.....	do.	4 18
5365	do.	W. E. Heyer.....	do.	3 78
5366	do.	W. D. Rohl.....	do.	5 69
5367	do.	G. O. McMorris.....	do.	4 57
5368	do.	W. L. Davis.....	do.	6 56
5369	do.	M. Cherry.....	do.	4 46
5370	do.	W. T. Conway.....	do.	4 08
5371	do.	J. M. Herriott.....	do.	4 25
5372	do.	W. T. Hobson.....	do.	5 11
5373	do.	J. Willsey.....	do.	4 04
5374	do.	Pearl Cardiff.....	do.	2 92
5375	do.	Pantagraph Printing & Stationery Co.	Printing.....	73 31
5376	Jan. 10	George E. Frazer.....	Traveling expenses.....	31 02
*5377	Jan. 12	General Acoustic Co.	Dictograph rental.....	10 50
5378	do.	W. L. Abbott.....	Expenses.....	28 20
5379	do.	Florence E. Watson.....	do.	12 06
5380	do.	L. Creiger.....	Dairy products furnished department of dairy husbandry.....	7 13
5381	do.	E. B. Resler.....	do.	3 95
5382	do.	E. F. Lyons.....	do.	2 48
5383	do.	G. Taylor.....	do.	3 25
5384	do.	H. D. Stickrod.....	do.	5 18
5385	do.	J. Freeman.....	do.	4 86
5386	do.	A. J. Krukewitt.....	do.	5 36
5387	do.	W. J. Wilson.....	do.	4 32
5388	do.	F. H. Busey.....	do.	6 05
5389	do.	E. R. Canady.....	do.	6 88
5390	do.	J. Mounts.....	do.	6 34
5391	do.	J. A. Cruzon.....	do.	5 18
5392	do.	J. Rueb.....	do.	3 10
5393	do.	H. Cherry.....	do.	6 41
5394	do.	L. J. Wienke.....	do.	6 37
5395	do.	J. A. R. Koch.....	do.	6 16
5396	do.	A. Ekblaw.....	do.	4 00
5397	do.	J. B. Marsh.....	do.	3 78
5398	do.	I. W. Maxwell.....	do.	7 13
5399	do.	I. H. Gordon.....	do.	9 14
5400	do.	L. E. Knorr.....	Traveling expenses.....	6 50
5401	do.	Ernest Lawrence.....	Loan.....	200 00
5402	Jan. 13	G. Schiff.....	Dairy products furnished department of dairy husbandry.....	5 98
5403	do.	C. Ross.....	do.	12 78
5404	do.	T. F. Jordan.....	do.	14 76
5405	do.	J. H. Jenks.....	do.	5 54
5406	do.	W. J. Kelly.....	do.	5 39
5407	do.	Mary Warner.....	do.	6 20
5408	do.	B. Jordan.....	do.	8 42
5409	do.	F. Knox.....	do.	5 83
5410	do.	Pearl Hazen.....	do.	7 56
5411	do.	W. C. Welch.....	do.	3 85
5412	Jan. 14	Metzler & Schafer Co.	Laboratory supplies.....	58 68
5413	do.	M. W. Busey.....	Expenses.....	150 00
5414	do.	Flanigan-Pearson Co.	Printing.....	49 50
5415	do.	Mrs. S. E. Roach.....	Labor.....	6 89
5416	Jan. 15	R. S. McInness.....	Dairy products furnished department of dairy husbandry.....	2 92
5417	do.	J. E. Henderson.....	do.	7 25
5418	do.	W. F. Hampton.....	do.	8 16
5419	do.	G. F. Diefenbach.....	do.	4 34
5420	do.	R. A. Lumsden.....	do.	6 72
5421	do.	C. Dunn.....	do.	4 90
5422	do.	R. T. Lumsden.....	do.	1 94

\* Cancelled.

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914.				
5423	Jan. 15	L. F. Lindsey.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 3 08
5424	do.	C. C. Gordon.....	do.	4 74
5425	do.	A. J. Putscher.....	do.	1 83
5426	do.	E. A. Smith.....	do.	4 90
5427	do.	E. M. Frankenburg.....	do.	5 22
5428	do.	M. Leigh.....	do.	4 73
5429	do.	W. E. Satterfield.....	do.	5 25
5430	do.	E. R. Canady.....	do.	12 56
5431	do.	F. Krukewitt.....	do.	7 49
5432	do.	T. M. Ghere.....	do.	6 83
5433	do.	F. Hetro.....	do.	5 88
5434	do.	R. P. Hayes.....	do.	2 38
5435	do.	J. Cornett.....	do.	4 48
5436	do.	W. Case.....	do.	5 95
5437	do.	C. A. Fogel.....	do.	3 78
5438	do.	G. W. VanMeter.....	do.	5 39
5439	do.	M. Cherry.....	do.	4 24
5440	do.	W. E. Womacks.....	do.	2 94
5441	do.	D. Hahn.....	do.	6 09
5442	do.	W. W. Meyer.....	do.	3 61
5443	do.	T. H. Richardson.....	do.	4 24
5444	do.	Hubbard Portable Oven Co.....	Laboratory apparatus.....	224 00
5445	do.	Alexander Tarracciano.....	Loan.....	175 00
5446	do.	Robert Smith, Jr.....	do.	175 00
5447	do.	Palmer & Harris.....	Entertainment.....	74 25
5448	do.	O. E. Staples, Bursar.....	Sundry bills.....	13 00
5449	do.	The Daily Illini.....	Advertising.....	1 80
5450	do.	The Miller Harness Co.....	Harness.....	10 80
5451	do.	N. Hay.....	Balance salary, January, 1914.....	3 21
5452	do.	Lloyd Morey.....	do.	45 00
5453	do.	Alfred Steitz.....	do.	35 00
5454	Jan. 16	Isabel Bevier.....	Salary, January, 1914.....	250 00
5455	do.	Nina B. Crigler.....	do.	116 66
5456	do.	Georgia Fleming.....	do.	100 00
5457	do.	Nellie Goldthwaite.....	do.	187 50
5458	do.	Cora E. Gray.....	do.	116 66
5459	do.	Florence Harrison.....	do.	100 00
5460	do.	Maud Parsons.....	do.	116 66
5461	do.	Helena M. Pincomb.....	do.	133 33
5462	do.	Lurene Seymour.....	do.	150 00
5463	do.	Grace E. Stevens.....	do.	110 00
5464	do.	Ruth Wheeler.....	do.	141 66
5465	do.	O. E. Staples, Bursar.....	Student labor.....	9 50
5466	do.	John D. Bangs & Co.....	Laboratory apparatus.....	136 94
5467	do.	A. A. Sphung.....	Laboratory supplies.....	3 00
5468	Jan. 17	H. I. Nelson.....	Dairy products furnished depart- ment of dairy husbandry.....	5 74
5469	do.	P. P. Dunn.....	do.	5 39
5470	do.	O. W. Hampton.....	do.	4 47
5471	do.	G. Schiff.....	do.	4 13
5472	do.	T. M. Guynn.....	do.	5 81
5473	do.	W. D. Rohl.....	do.	4 94
5474	do.	A. Ekblaw.....	do.	4 52
5475	do.	J. H. Umbanhowar.....	do.	5 46
5476	do.	J. A. Curzon.....	do.	5 32
5477	do.	D. B. White.....	do.	8 82
5478	do.	A. E. Hayes.....	do.	4 73
5479	do.	W. E. Heyer.....	do.	4 31
5480	do.	J. Ridgeley.....	do.	3 50
5481	do.	A. Shields.....	do.	6 03
5482	do.	J. C. Shrock.....	do.	5 18
5483	do.	W. L. Davis.....	do.	6 06
5484	do.	J. W. Rayburn.....	do.	3 75
5485	do.	L. VanBuskirk.....	do.	5 39
5486	do.	C. C. Rayburn.....	do.	6 83
5487	do.	G. Hobick.....	do.	6 06
5488	do.	I. W. Maxwell.....	do.	8 58
5489	do.	E. V. Percival.....	do.	4 19
5490	do.	J. Weiss.....	do.	13 03
5491	do.	T. N. Burwash.....	do.	4 54
5492	do.	R. Graham.....	do.	13 68
5493	do.	J. McCullough.....	do.	10 78
5494	do.	S. Atchison.....	do.	3 53
5495	Jan. 17	Julia F. Burnham Hospital.....	Hospital fees.....	117 31
5496	Jan. 19	G. E. Stechert & Co.....	Books.....	23 45
5497	do.	Lemcke & Buechner.....	do.	11 20
5498	do.	Ernst Hertzberg & Sons.....	do.	3 14

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
5499	Jan. 19	R. Smith.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 4 11
5500	do.	E. Grove.....	do.	5 88
5501	do.	L. Creiger.....	do.	6 48
5502	do.	G. Taylor.....	do.	1 83
5503	do.	I. H. Besore.....	do.	9 37
5504	do.	M. Hudson.....	do.	2 87
5505	do.	L. Libka.....	do.	5 78
5506	do.	R. H. Brewer.....	do.	1 65
5507	do.	W. J. Wilson.....	do.	4 34
5508	do.	E. R. Canady.....	do.	5 60
5509	do.	G. Hurst.....	do.	4 76
5510	do.	W. E. Yount.....	do.	10 33
5511	do.	C. A. Fogel.....	do.	3 08
5512	do.	J. B. Marsh.....	do.	6 83
5513	do.	J. A. R. Koch.....	do.	4 55
5514	do.	Ebb Leigh.....	do.	3 96
5515	do.	G. O. McMorris.....	do.	3 92
5516	do.	J. H. Rutan.....	do.	3 54
5517	do.	Z. Alsip.....	do.	5 18
5518	do.	J. D. Pulliam.....	do.	3 75
5519	do.	J. Rueb.....	do.	3 26
5520	do.	C. R. Beaver.....	do.	5 32
5521	do.	E. L. Martin.....	do.	5 46
5522	do.	F. Schweineke.....	do.	6 55
5523	do.	Pearl Hazen.....	do.	4 69
5524	do.	Ed Heppe.....	do.	5 04
5525	do.	F. H. Busey.....	do.	6 09
5526	do.	G. W. VanMeter.....	do.	6 20
5527	do.	I. H. Gordon.....	do.	8 89
5528	do.	W. T. Hobson.....	do.	5 11
5529	do.	C. J. VanHoltzen.....	do.	4 55
5530	do.	George O. Shields.....	Lectures.....	50 00
5531	Jan. 20	Laura B. Evans.....	Traveling expenses.....	95 78
5532	do.	Florence E. Watson.....	do.	18 34
5533	do.	G. C. Creelman.....	Lecture.....	60 00
5534	do.	F. L. Hatch.....	do.	25 00
5535	do.	W. B. McNutt.....	do.	10 00
5536	do.	J. M. McDonald.....	do.	10 00
5537	do.	J. K. Kincaid.....	do.	75 00
5538	do.	H. J. Sconce.....	Services as president, convention.	60 00
5539	do.	Rosalie Gaut.....	Accompanist.....	5 00
5540	do.	C. J. Galpin.....	Lecture.....	25 00
5541	do.	A. J. R. Curtis.....	do.	10 00
5542	do.	H. F. Major.....	do.	25 00
5543	do.	G. L. Shaw.....	do.	15 00
5544	do.	C. F. Mills.....	do.	10 00
5545	do.	M. Carney.....	do.	25 00
5546	do.	R. L. Finney.....	do.	10 00
5547	do.	B. F. Harris.....	do.	10 00
5548	do.	Charles Rourke.....	do.	10 00
5549	do.	K. D. Horrall Hardware Co.....	Hardware.....	8 85
5550	do.	J. A. Ritter.....	Field expenses.....	11 05
5551	do.	American Florist Co.....	Subscription.....	1 00
5552	do.	E. Stetson Crawford.....	Printing.....	35 00
5553	do.	Olney Milling Co.....	Feeding stuff.....	47 50
5554	do.	Eugene Dietzgen Co.....	Laboratory supplies.....	13 11
5555	do.	C., C. & St. L. R. Co.....	Freight.....	35 47
5556	do.	A. Hoen & Co.....	Printing.....	1, 445 00
5557	do.	Pantagraph Printing & Stationery Co.....	do.	648 58
5558	do.	T. N. Burwash.....	Dairy products furnished depart- ment of dairy husbandry.....	5 39
5559	do.	G. Schiff.....	do.	5 64
5560	do.	A. E. Burwash.....	do.	4 31
5561	do.	T. P. Lyon.....	do.	4 97
5562	do.	C. Brown.....	do.	4 06
5563	do.	J. Ingleman.....	do.	4 83
5564	do.	T. F. Jordan.....	do.	12 00
5565	do.	B. Jordan.....	do.	13 20
5566	do.	C. Ross.....	do.	12 64
5567	do.	Jos. Mounts.....	do.	5 46
5568	do.	R. G. McMahon.....	do.	3 89
5569	do.	G. C. Cochran.....	do.	4 83
5570	Jan. 21	R. T. Lumsden.....	do.	2 38
5571	do.	L. F. Lindsey.....	do.	2 60
5572	do.	G. F. Diefenbach.....	do.	4 73
5573	do.	C. Dunn.....	do.	7 75
5574	do.	R. A. Lumsden.....	do.	4 93
5575	do.	J. E. Henderson.....	do.	5 10

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
5576	Jan. 21	E. F. Lyon.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 5 10
5577	.do.	E. A. Smith.....	.do.	4 28
5578	.do.	C. W. Hamm.....	.do.	2 19
5579	.do.	W. F. Hampton.....	.do.	7 07
5580	.do.	R. S. McInness.....	.do.	1 79
5581	.do.	C. C. Gordon.....	.do.	7 66
5582	.do.	J. Freeman.....	.do.	7 96
5583	.do.	J. Ridgeley.....	.do.	3 57
5584	.do.	T. M. Ghere.....	.do.	7 24
5585	.do.	J. Rueb.....	.do.	3 06
5586	.do.	W. Case.....	.do.	5 37
5587	.do.	L. Libka.....	.do.	3 50
5588	.do.	H. Cherry.....	.do.	6 26
5589	.do.	C. C. Rayburn.....	.do.	6 49
5590	.do.	E. R. Canady.....	.do.	12 10
5591	.do.	G. W. VanMeter.....	.do.	6 05
5592	.do.	D. B. White.....	.do.	7 68
5593	.do.	W. J. Kelly.....	.do.	4 03
5594	.do.	C. C. Coulter.....	.do.	4 08
5595	.do.	T. H. Richardson.....	.do.	8 26
5596	.do.	Mary Warner.....	.do.	5 88
5597	Jan. 22	O. E. Staples, Bursar.....	Sundry bills.....	89 70
5598	.do.	G. E. Frazer.....	Traveling expenses.....	48 45
5599	.do.	Carrie Alexander-Bahrenburg.....	.do.	334 94
5600	.do.	Honore Champion.....	Books.....	18 75
5601	.do.	F. Bruckmann.....	Specimens.....	1 78
5602	.do.	R. Friedlander & Son.....	Books.....	5 85
5603	.do.	Pickering & Chatto.....	.do.	1 03
5604	.do.	Alexander H. Revell & Co.....	Building materials.....	117 00
5605	.do.	Wurttembergische Metallwarenfabrik.....	Laboratory apparatus.....	148 34
5606	.do.	Cleveland Grain Co.....	Feeding stuffs.....	650 00
5607	Jan. 23	C. A. Denman.....	Labor.....	17 35
5608	.do.	Pantagraph Printing & Stationery Co.....	Printing.....	121 99
5609	.do.	O. W. Hampton.....	Dairy products furnished depart- ment of dairy husbandry.....	4 82
5610	.do.	G. Schiff.....	.do.	4 18
5611	.do.	L. Creiger.....	.do.	6 73
5612	.do.	P. P. Dunn.....	.do.	6 12
5613	.do.	E. Grove.....	.do.	4 90
5614	.do.	A. E. Burwash.....	.do.	3 54
5615	.do.	A. E. Hayes.....	.do.	4 42
5616	.do.	C. A. Fogel.....	.do.	3 77
5617	.do.	W. E. Womacks.....	.do.	2 79
5618	.do.	F. Knox.....	.do.	5 58
5619	.do.	J. A. Curzon.....	.do.	5 24
5620	.do.	W. E. Heyer.....	.do.	4 55
5621	.do.	J. Cornett.....	.do.	3 33
5622	.do.	A. Ekblaw.....	.do.	4 28
5623	.do.	F. Sheffer.....	.do.	5 51
5624	.do.	E. V. Percival.....	.do.	6 09
5625	.do.	I. W. Maxwell.....	.do.	8 43
5626	.do.	W. C. Welch.....	.do.	4 52
5627	Jan. 26	C. M. McConn.....	Traveling expenses.....	19 36
5628	.do.	Laura B. Evans.....	.do.	28 65
5629	Jan. 27	I. H. Besore.....	Dairy products furnished depart- ment of dairy husbandry.....	8 17
5630	.do.	R. Smith.....	.do.	4 56
5631	.do.	C. E. Burk.....	.do.	3 91
5632	.do.	G. Taylor.....	.do.	3 28
5633	.do.	H. D. Stickrod.....	.do.	4 55
5634	.do.	A. R. Grindley.....	.do.	5 72
5635	.do.	M. Hudson.....	.do.	3 13
5636	.do.	C. R. Beaver.....	.do.	5 24
5637	.do.	L. J. Wienke.....	.do.	5 03
5638	.do.	J. Rueb.....	.do.	4 08
5639	.do.	W. E. Yount.....	.do.	9 35
5640	.do.	F. Hetro.....	.do.	5 37
5641	.do.	R. L. Myers.....	.do.	4 89
5642	.do.	Pearl Hazen.....	.do.	6 04
5643	.do.	E. S. Hayes.....	.do.	4 01
5644	.do.	W. E. Satterfield.....	.do.	3 88
5645	.do.	W. J. Wilson.....	.do.	4 01
5646	.do.	E. R. Canady.....	.do.	6 49
5647	.do.	G. Hobick.....	.do.	5 26
5648	.do.	J. W. Rayburn.....	.do.	3 60
5649	.do.	W. L. Davis.....	.do.	11 36
5650	.do.	F. H. Busey.....	.do.	5 03
5651	.do.	J. B. Marsh.....	.do.	7 34

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
5652	Jan. 27	J. A. R. Koch.....	Dairy products furnished department of dairy husbandry.....	\$ 5 81
5653	..do....	G. W. VanMeter.....	..do.....	4 94
5654	..do....	I. H. Gordon.....	..do.....	8 19
5655	..do....	W. T. Hobson.....	..do.....	5 24
5656	..do....	G. A. Goodenough.....	Traveling expenses.....	11 24
5657	Jan. 28	G. Schiff.....	Dairy products furnished department of dairy husbandry.....	5 28
5658	..do....	E. F. Lyon.....	..do.....	5 02
5659	..do....	B. Jordan.....	..do.....	17 19
5660	..do....	T. F. Jordan.....	..do.....	13 20
5661	..do....	J. Ridgeley.....	..do.....	2 74
5662	..do....	F. Knox.....	..do.....	5 74
5663	..do....	C. Ross.....	..do.....	10 46
5664	..do....	W. J. Kelly.....	..do.....	3 84
5665	..do....	F. Schweineke.....	..do.....	5 91
5666	..do....	M. Cherry.....	..do.....	4 19
5667	..do....	T. M. Guynn.....	..do.....	5 44
5668	..do....	W. E. Heyer.....	..do.....	4 68
5669	..do....	Mary Warner.....	..do.....	5 60
5670	..do....	E. B. Resler.....	..do.....	4 28
5671	..do....	A. Ekblaw.....	..do.....	4 41
5672	..do....	A. E. Burwash.....	..do.....	4 59
5673	..do....	S. G. Richards.....	..do.....	3 47
5674	..do....	C. J. VonHoltzen.....	..do.....	5 02
5675	..do....	H. R. Smith, Treasurer, Central Assn. of Science & Mathematics Teachers.....	Magazine.....	2 50
5676	..do....	The Classical Assn. of Middle West & South.....	..do.....	2 00
5677	..do....	The Lawyers Cooperative Publishing Co.....	Books.....	8 50
5678	..do....	American Leather Chemists Assn.....	..do.....	5 00
5679	..do....	Railroad Commission, State of California.....	..do.....	1 50
5680	..do....	Chivers Book Binding Co.....	..do.....	2 14
5681	..do....	O. E. Staples.....	Traveling expenses.....	12 54
5682	..do....	R. A. Lumsden.....	Dairy products furnished department of dairy husbandry.....	5 05
5683	..do....	A. J. Putscher.....	..do.....	1 25
5684	..do....	L. F. Lindsey.....	..do.....	3 00
5685	..do....	W. F. Hampton.....	..do.....	6 17
5686	..do....	R. T. Lumsden.....	..do.....	1 55
5687	..do....	G. F. Diefenbach.....	..do.....	3 96
5688	..do....	I. H. Gordon.....	..do.....	8 38
5689	..do....	R. S. McInness.....	..do.....	2 74
5690	..do....	C. C. Gordon.....	..do.....	7 56
5691	..do....	C. Dunn.....	..do.....	4 39
5692	..do....	E. A. Smith.....	..do.....	4 65
5693	..do....	J. D. Pittman.....	..do.....	1 86
5694	..do....	Wm. Case.....	..do.....	5 41
5695	..do....	C. E. Smoot.....	..do.....	6 86
5696	..do....	G. W. VanMeter.....	..do.....	5 64
5697	..do....	W. J. Wilson.....	..do.....	3 53
5698	..do....	C. A. Fogel.....	..do.....	3 39
5699	..do....	H. J. Moorehouse.....	..do.....	3 82
5700	..do....	L. Libka.....	..do.....	2 71
5701	..do....	D. Hahn.....	..do.....	5 35
5702	..do....	G. Hurst.....	..do.....	4 82
5703	..do....	R. P. Hayes.....	..do.....	3 50
5704	..do....	G. O. McMorris.....	..do.....	4 46
5705	..do....	F. Krukewitt.....	..do.....	5 97
5706	..do....	T. M. Ghere.....	..do.....	4 82
5707	..do....	E. M. Frankenburg.....	..do.....	4 26
5708	..do....	J. Freman.....	..do.....	7 16
5709	..do....	J. Rueb.....	..do.....	6 04
5710	..do....	J. H. Umbanhowar.....	..do.....	5 51
5711	..do....	E. R. Canady.....	..do.....	11 22
5712	..do....	O. A. Foster.....	..do.....	3 03
5713	..do....	T. H. Richardson.....	..do.....	8 25
5714	..do....	W. W. Meyer.....	..do.....	1 78
5715	..do....	I. W. Maxwell.....	..do.....	8 22
5716	Jan. 29	Paul R. A. Preus.....	Loan.....	125 00
5717	..do....	William Burnett, Jr.....	..do.....	100 00
5718	..do....	Raymond D. Stitt.....	..do.....	75 00
5719	..do....	Tice & Lynch.....	Postage.....	1 15
5720	..do....	Ernst Hertzberg & Sons.....	Books.....	1 81
5721	..do....	G. E. Stechert & Co.....	..do.....	15 99
5722	..do....	A. C. McClurg & Co.....	..do.....	40 42
5723	..do....	Bennett's Magazine Agency.....	..do.....	127 25
5724	Jan. 30	B. S. Pickett.....	Traveling expenses.....	100 00
5725	..do....	O. E. Staples, Bursar.....	Rebates.....	225 50

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
5726	Jan. 30	T. P. Lyon.....	Dairy products furnished department of dairy husbandry.....	\$ 3 54
5727	do.	L. Creiger.....	do.	4 41
5728	do.	E. Grove.....	do.	5 94
5729	do.	A. R. Grindley.....	do.	6 21
5730	do.	Ebb Leigh.....	do.	2 82
5731	do.	J. E. Henderson.....	do.	6 24
5732	do.	G. Taylor.....	do.	4 20
5733	do.	G. Schiff.....	do.	3 69
5734	do.	J. Mounts.....	do.	4 86
5735	do.	C. C. Rayburn.....	do.	5 85
5736	do.	W. J. Kelly.....	do.	3 69
5737	do.	J. A. Curzon.....	do.	4 44
5738	do.	A. G. Krukewitt.....	do.	4 62
5739	do.	W. Leischner.....	do.	5 28
5740	do.	A. Shields.....	do.	5 51
5741	do.	E. V. Percival.....	do.	5 85
5742	Feb. 2	O. F. Foster.....	Military services.....	12 00
5743	do.	F. T. Ritter.....	do.	12 00
5744	do.	C. W. Pfister.....	Dairy products furnished department of dairy husbandry.....	3 36
5745	do.	I. H. Besore.....	do.	7 35
5746	do.	O. W. Hampton.....	do.	4 61
5747	do.	P. P. Dunn.....	do.	3 43
5748	do.	M. Hudson.....	do.	2 70
5749	do.	A. Dunn.....	do.	7 77
5750	do.	W. D. Rohl.....	do.	4 80
5751	do.	Z. Alsip.....	do.	4 05
5752	do.	E. A. Hayes.....	do.	4 08
5753	do.	W. VanBuskirk.....	do.	4 86
5754	do.	E. R. Canady.....	do.	5 73
5755	do.	L. G. VanBuskirk.....	do.	2 22
5756	do.	J. Cornett.....	do.	3 75
5757	do.	A. Ekblaw.....	do.	3 93
5758	do.	C. E. Kelly.....	do.	4 05
5759	do.	F. H. Busey.....	do.	4 56
5760	do.	D. B. White.....	do.	8 22
5761	do.	G. W. VanMeter.....	do.	4 60
5762	do.	J. A. R. Koch.....	do.	4 47
5763	do.	M. Cherry.....	do.	4 02
5764	do.	E. S. Hayes.....	do.	3 78
5765	do.	J. Ridgeley.....	do.	2 61
5766	do.	E. L. Martin.....	do.	4 32
5767	do.	M. Leigh.....	do.	4 77
5768	do.	H. F. Ridgeley.....	do.	3 18
5769	do.	Pearl Hazen.....	do.	4 06
5770	do.	C. R. Beaver.....	do.	4 38
5771	do.	W. C. Welch.....	do.	3 81
5772	do.	W. T. Hobson.....	do.	4 32
5773	do.	I. W. Maxwell.....	do.	3 72
5774	do.	S. Atchison.....	do.	3 26
5775	do.	J. McCullough.....	do.	4 53
5776	do.	J. Weiss.....	do.	7 35
5777	do.	T. N. Burwash.....	do.	4 12
5778	do.	R. Graham.....	do.	13 72
5779	Feb. 3	S. H. Dodisman.....	Traveling expenses.....	11 34
5780	do.	E. L. Boyer.....	do.	4 83
5781	do.	G. J. Koons.....	do.	8 32
5782	do.	J. R. Trevett.....	do.	16 80
5783	do.	G. E. Frazer.....	do.	25 30
5784	do.	A. J. Todd.....	do.	2 52
5785	do.	C. Klincksieck.....	Books.....	4 36
5786	do.	Bernh. Liebisch.....	do.	25 38
5787	do.	Joseph Baer & Co.....	do.	4 49
5788	do.	John Davis.....	do.	12 99
5789	do.	Gustav Fock.....	do.	6 54
5790	do.	Paul Gottschalk.....	do.	3 03
5791	do.	P. Wytzman.....	do.	53 10
5792	do.	Martinus Nijhoff.....	do.	41 39
5793	do.	Holland Bros.....	do.	7 87
5794	do.	Luzac & Co.....	do.	18 80
5795	do.	Pickering & Chatto.....	do.	3 35
5796	do.	Honore Champion.....	do.	2 00
5797	do.	Silico Syndicate Ltd.....	do.	54 03
5798	do.	M. S. Sanchez.....	do.	7 70
5799	do.	J. B. Mulot.....	do.	1 12
5800	do.	Arthur Reader.....	do.	9 56
5801	do.	Max Niemeyer.....	do.	37 06
5802	do.	Ludwig Rosenthal.....	do.	1 52



## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
5803	Feb. 3	Karl W. Hiersemann.....	Specimens.....	\$ 9 94
5804	Feb. 4	J. D. Pittman.....	Dairy products furnished department of dairy husbandry.....	1 92
5805	do.	F. Schweineke.....	do.	5 31
5806	do.	J. Rueb.....	do.	5 58
5807	do.	C. Ross.....	do.	8 91
5808	do.	T. F. Jordan.....	do.	12 00
5809	do.	G. W. VanMeter.....	do.	5 64
5810	do.	R. Smith.....	do.	3 15
5811	do.	E. F. Lyon.....	do.	4 62
5812	do.	E. W. Smalley.....	do.	7 15
5813	do.	A. E. Burwash.....	do.	4 74
5814	do.	G. Schiff.....	do.	4 05
5815	do.	B. Jordan.....	do.	13 23
5816	do.	J. Freeman.....	do.	6 87
5817	do.	C. A. Fogel.....	do.	3 16
5818	do.	G. C. Cochran.....	do.	4 56
5819	do.	J. Ingleman.....	do.	4 84
5820	do.	Mary Warner.....	do.	5 38
5821	do.	E. A. Smith.....	do.	3 21
5822	Feb. 5	C. B. Birky.....	do.	4 67
5823	do.	G. F. Diefenbach.....	do.	3 36
5824	do.	R. T. Lumsden.....	do.	1 03
5825	do.	L. F. Lindsey.....	do.	2 90
5826	do.	R. A. Lumsden.....	do.	3 48
5827	do.	C. Dunn.....	do.	5 39
5828	do.	C. C. Gordon.....	do.	6 37
5829	do.	R. S. McInness.....	do.	2 07
5830	do.	G. Taylor.....	do.	4 34
5831	do.	W. F. Hampton.....	do.	4 38
5832	do.	W. J. Wilson.....	do.	3 48
5833	do.	R. P. Hayes.....	do.	1 89
5834	do.	F. Hetro.....	do.	4 64
5835	do.	W. Case.....	do.	4 52
5836	do.	L. Libka.....	do.	3 31
5837	do.	T. M. Ghere.....	do.	4 23
5838	do.	G. Hobick.....	do.	4 87
5839	do.	C. C. Rayburn.....	do.	6 03
5840	do.	W. E. Yount.....	do.	7 77
5841	do.	T. M. Guynn.....	do.	4 91
5842	do.	W. L. Davis.....	do.	4 50
5843	do.	J. W. Rayburn.....	do.	3 02
5844	do.	J. H. Rutan.....	do.	3 10
5845	do.	J. B. Marsh.....	do.	7 16
5846	do.	E. R. Canady.....	do.	8 87
5847	do.	T. H. Richardson.....	do.	5 83
5848	do.	S. V. Mayhen.....	do.	4 41
5849	do.	I. W. Maxwell.....	do.	3 54
5850	do.	I. H. Gordon.....	do.	7 08
5851	do.	L. E. Knorr.....	Traveling expenses.....	6 30
5852	do.	Florence E. Watson.....	do.	17 44
5853	do.	Illinois State Reformatory.....	Printing.....	14 40
5854	do.	Illinois Motor Car Sales Co.....	Automobile service.....	72 00
5855	do.	The Beardsley Hotel Co.....	Entertainment.....	4 00
5856	Feb. 6	L. Creiger.....	Dairy products furnished department of dairy husbandry.....	3 45
5857	do.	G. Schiff.....	do.	3 54
5858	do.	J. E. Henderson.....	do.	4 87
5859	do.	E. Grove.....	do.	7 19
5860	do.	J. A. Curzon.....	do.	4 00
5861	do.	C. R. Beaver.....	do.	4 52
5862	do.	E. L. Martin.....	do.	4 70
5863	do.	G. O. McMorris.....	do.	3 45
5864	do.	S. G. Richards.....	do.	3 42
5865	do.	W. J. Kelly.....	do.	3 56
5866	do.	G. Herriott.....	do.	3 97
5867	do.	W. E. Womacks.....	do.	2 18
5868	do.	J. H. Jenks.....	do.	4 58
5869	do.	F. Knox.....	do.	4 81
5870	do.	H. Cherry.....	do.	11 46
5871	do.	M. Cherry.....	do.	4 00
5872	do.	J. Rueb.....	do.	3 51
5873	do.	A. E. Burwash.....	do.	3 63
5874	do.	E. V. Percival.....	do.	4 79
5875	do.	Flanigan-Pearson Co.....	Printing.....	399 25
5876	do.	Carl H. Reuter.....	Laboratory apparatus.....	260 00
5877	do.	O. E. Staples, Bursar.....	Rebates.....	90 25
5878	Feb. 7	A. Pichler.....	Specimens.....	25 07
5879	do.	W. Junk.....	Books.....	3 10

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
5880	Feb. 7	Oswald Weigel.....	Books.....	\$ 46 89
5881	do.....	Dultz & Co.....	do.....	7 25
5882	do.....	W. L. Abbott.....	Expenses.....	50 74
5883	Feb. 9	A. R. Grindley.....	Dairy products furnished department of dairy husbandry.....	1 80
5884	do.....	H. I. Nelson.....	do.....	2 01
5885	do.....	T. P. Lyon.....	do.....	2 61
5886	do.....	A. Dunn.....	do.....	6 64
5887	do.....	P. P. Dunn.....	do.....	5 10
5888	do.....	C. C. Gordon.....	do.....	3 05
5889	do.....	O. W. Hampton.....	do.....	3 42
5890	do.....	C. W. Hamm.....	do.....	2 06
5891	do.....	J. Ridgeley.....	do.....	2 93
5892	do.....	E. Heppe.....	do.....	4 23
5893	do.....	C. E. Burk.....	do.....	2 93
5894	do.....	J. D. Pittman.....	do.....	1 46
5895	do.....	C. A. Fogel.....	do.....	2 93
5896	do.....	W. J. Wilson.....	do.....	3 19
5897	do.....	E. B. Resler.....	do.....	4 35
5898	do.....	H. J. Moorehouse.....	do.....	3 85
5899	do.....	L. Weinke.....	do.....	3 48
5900	do.....	C. W. Pfeister.....	do.....	4 64
5901	do.....	F. H. Busey.....	do.....	4 99
5902	do.....	I. H. Besore.....	do.....	7 16
5903	do.....	I. H. Gordon.....	do.....	6 99
5904	do.....	G. W. Clark.....	do.....	5 34
5904a	Feb. 10	Poehlmann Bros. Co.....	Supplies.....	33 75
5905	do.....	O. E. Staples, Bursar.....	Rebates.....	47 50
5906	do.....	Soft Water Laundry.....	Laundry.....	5 59
5907	do.....	Charles H. Lemon & Charles W. Wolcott.....	Commission.....	110 00
5908	do.....	E. A. Smith.....	Dairy products furnished department of dairy husbandry.....	3 74
5909	do.....	G. Taylor.....	do.....	4 79
5910	do.....	G. Schiff.....	do.....	4 44
5911	do.....	C. E. Kelly.....	do.....	3 21
5912	do.....	W. L. Davis.....	do.....	4 79
5913	do.....	W. E. Heyer.....	do.....	3 92
5914	do.....	W. Leischner.....	do.....	4 29
5915	do.....	T. F. Jordan.....	do.....	10 06
5916	do.....	C. Ross.....	do.....	9 66
5917	do.....	B. Jordan.....	do.....	12 33
5918	do.....	Ebb Leigh.....	do.....	1 28
5919	do.....	E. M. Smalley.....	do.....	6 61
5920	do.....	G. W. VanMeter.....	do.....	4 44
5921	do.....	E. R. Canady.....	do.....	4 84
5922	do.....	J. Mounts.....	do.....	4 56
5923	do.....	N. Hahn.....	do.....	6 67
5924	do.....	A. E. Burwash.....	do.....	4 67
5925	do.....	J. Rueb.....	do.....	3 31
5926	do.....	J. Freeman.....	do.....	5 71
5927	do.....	N. A. Peterson.....	do.....	8 10
5928	do.....	Gibson City Creamery Co.....	do.....	2 70
5929	Feb. 11	Frank B. Richardson.....	Loan.....	50 00
5930	do.....	Clarence P. Griffith.....	do.....	150 00
5931	do.....	Roy A. Horning.....	do.....	75 00
5932	do.....	John D. Culp.....	do.....	100 00
5933	do.....	Linn J. Nye.....	do.....	100 00
5934	do.....	W. F. Hampton.....	Dairy products furnished department of dairy husbandry.....	4 44
5935	do.....	R. S. McInness.....	do.....	4 90
5936	do.....	C. C. Gordon.....	do.....	3 07
5937	do.....	C. Dunn.....	do.....	4 64
5938	do.....	G. F. Diefenbach.....	do.....	2 03
5939	do.....	L. F. Lindsey.....	do.....	2 55
5940	do.....	R. A. Lumsden.....	do.....	3 39
5941	do.....	R. T. Lumsden.....	do.....	1 13
5942	do.....	M. Hudson.....	do.....	3 48
5943	do.....	D. Hahn.....	do.....	4 70
5944	do.....	T. M. Ghere.....	do.....	4 35
5945	do.....	G. W. VanMeter.....	do.....	5 01
5946	do.....	W. E. Womacks.....	do.....	2 55
5947	do.....	W. E. Satterfield.....	do.....	3 65
5948	do.....	F. Krukewitt.....	do.....	6 47
5949	do.....	C. C. Rayburn.....	do.....	5 39
5950	do.....	C. E. Fisher.....	do.....	3 86
5951	do.....	H. J. Moorehouse.....	do.....	3 92
5952	do.....	F. Krugh.....	do.....	3 19
5953	do.....	Pearl Hazen.....	do.....	6 43
5954	do.....	C. A. Fogel.....	do.....	3 11

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
5955	Feb. 11	J. D. Pittman.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 1 43
5956	do.	D. S. Herriott.....	do.	3 80
5957	do.	J. Rueb.....	do.	5 10
5958	do.	J. A. R. Koch.....	do.	4 81
5959	do.	D. B. White.....	do.	6 38
5960	do.	W. E. Yount.....	do.	7 13
5961	do.	J. B. Marsh.....	do.	6 79
5962	do.	W. C. Welch.....	do.	3 89
5963	do.	I. W. Maxwell.....	do.	7 13
5964	do.	I. H. Gordon.....	do.	6 64
5965	Feb. 12	B. S. Pickett.....	Traveling expenses.....	100 00
5966	Feb. 13	A. R. Grindley.....	Dairy products furnished depart- ment of dairy husbandry.....	2 22
5967	do.	E. Grove.....	do.	6 79
5968	do.	L. Creiger.....	do.	3 83
5969	do.	J. E. Hendersn.....	do.	4 23
5970	do.	W. VanBuskirk.....	do.	4 52
5971	do.	A. E. Hayes.....	do.	3 86
5972	do.	A. E. Burwash.....	do.	2 90
5973	do.	G. R. Evans.....	do.	3 40
5974	do.	H. J. Moorehouse.....	do.	3 80
5975	do.	M. Cherry.....	do.	3 71
5976	do.	A. Shields.....	do.	5 39
5977	do.	R. L. Wirt.....	do.	3 22
5978	do.	W. J. Kelly.....	do.	3 57
5979	do.	Lloyd Morey.....	Traveling expenses.....	17 03
5980	do.	Smith-Totman Co.....	Plumbing.....	7 35
5981	do.	J. F. Witty.....	Labor.....	7 25
5982	Feb. 14	St. Louis Symphony Society.....	Orchestra concerts.....	1,000 00
5983	Feb. 16	I. J. Mix.....	Dairy products furnished depart- ment of dairy husbandry.....	4 88
5984	do.	H. H. Krog.....	do.	5 25
5985	do.	Sam Grimm.....	do.	7 02
5986	do.	Green River Creamery Co.....	do.	1 80
5987	do.	W. Conway.....	do.	4 60
5988	do.	M. H. Anderson.....	do.	4 40
5989	do.	P. J. Peterson.....	do.	4 60
5990	do.	J. R. Newberry.....	do.	1 43
5991	do.	G. Hoppenstadt.....	do.	19 27
5992	do.	M. E. Simosen.....	do.	2 35
5993	do.	C. R. Reiter.....	do.	1 43
5994	do.	W. R. Meier.....	do.	4 40
5995	do.	Richmond Bros. Co.....	do.	2 80
5996	do.	N. Muller.....	do.	4 25
5997	do.	W. P. Gilbert.....	do.	4 40
5998	do.	F. J. Weddige.....	do.	4 60
5999	do.	F. Szerlong.....	do.	5 60
6000	do.	W. Madsene.....	do.	5 40
6001	do.	B. K. Peters.....	do.	4 05
6002	do.	H. W. VanDyke.....	do.	4 25
6003	do.	H. L. Moore.....	do.	1 52
6004	do.	F. Grimm.....	do.	1 17
6005	do.	R. J. Collier.....	do.	6 97
6006	do.	O. W. Albright.....	do.	4 05
6007	do.	F. F. Lockwood.....	do.	1 52
6008	do.	C. L. Jacobson.....	do.	5 60
6009	do.	A. J. Spohn.....	do.	8 68
6010	do.	P. Damgaard.....	do.	5 67
6011	do.	R. Wagner.....	do.	4 25
6012	do.	M. Nielson.....	do.	8 68
6013	do.	J. G. Vess.....	do.	4 60
6014	do.	George Caven.....	do.	21 00
6015	do.	O. W. Hampton.....	do.	3 86
6016	do.	I. H. Besore.....	do.	6 50
6017	do.	W. D. Rohl.....	do.	5 13
6018	do.	H. Cherry.....	do.	5 13
6019	do.	E. L. Martin.....	do.	3 57
6020	do.	F. Knox.....	do.	4 18
6021	do.	W. J. Wilson.....	do.	2 73
6022	do.	W. E. Womacks.....	do.	2 03
6023	do.	E. R. Canady.....	do.	9 43
6024	do.	F. Hetro.....	do.	2 99
6025	do.	A. Ekblaw.....	do.	3 92
6026	do.	Gilmore Creamery Co.....	do.	5 32
6027	do.	A. Dunn.....	do.	6 73
6028	do.	Eggleston's Music House.....	Piano rent.....	42 00
6029	do.	United States Audit Co.....	Auditing.....	351 89

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
6030	Feb. 17	T. N. Burwash.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 3 05
6031	do.	S. Atchison.....	do.	2 88
6032	do.	John Weiss.....	do.	2 61
6033	do.	J. McCullough.....	do.	1 95
6034	do.	F. L. Swanson.....	do.	4 32
6035	do.	R. Graham.....	do.	10 07
6036	Feb. 18	E. F. Lyons.....	do.	7 74
6037	do.	R. Smith.....	do.	3 57
6038	do.	P. P. Dunn.....	do.	6 45
6039	do.	G. Schiff.....	do.	6 15
6040	do.	G. Taylor.....	do.	4 06
6041	do.	A. E. Burwash.....	do.	4 99
6042	do.	H. Allison.....	do.	4 29
6043	do.	B. Clark.....	do.	4 29
6044	do.	C. E. Kelly.....	do.	3 19
6045	do.	C. E. Burk.....	do.	3 60
6046	do.	T. Green.....	do.	2 96
6047	do.	B. Jordan.....	do.	12 18
6048	do.	C. Ross.....	do.	6 24
6049	do.	T. F. Jordan.....	do.	11 46
6050	do.	W. J. Kelly.....	do.	4 27
6051	do.	J. Freeman.....	do.	6 79
6052	do.	E. W. Smalley.....	do.	6 84
6053	do.	G. Hobick.....	do.	3 92
6054	do.	W. Case.....	do.	4 47
6055	do.	J. Ridgeley.....	do.	3 42
6056	do.	C. E. Smoot.....	do.	3 60
6057	do.	C. E. Fisher.....	do.	3 54
6058	do.	E. S. Hayes.....	do.	3 34
6059	do.	T. H. Richardson.....	do.	5 39
6060	do.	F. Schweineke.....	do.	4 84
6061	do.	O. E. Staples, Bursar.....	Rebates.....	260 00
6061	Feb. 19	R. T. Lumsden.....	Dairy products furnished depart- ment of dairy husbandry.....	2 43
6063	do.	R. A. Lumsden.....	do.	2 64
6064	do.	C. Dunn.....	do.	4 29
6065	do.	W. F. Hampton.....	do.	3 92
6066	do.	C. W. Hamm.....	do.	1 34
6067	do.	R. S. McInness.....	do.	4 94
6068	do.	C. C. Gordon.....	do.	5 96
6069	do.	L. F. Lindsey.....	do.	2 49
6070	do.	C. A. Fogel.....	do.	3 60
6071	do.	F. Elliott.....	do.	4 90
6072	do.	T. M. Clayton.....	do.	3 16
6073	do.	T. M. Gynn.....	do.	5 28
6074	do.	D. Herriott.....	do.	3 97
6075	do.	W. E. Womacks.....	do.	2 44
6076	do.	E. B. Resler.....	do.	3 21
6077	do.	Mary Warner.....	do.	4 67
6078	do.	R. L. Wirt.....	do.	4 21
6079	do.	T. M. Ghers.....	do.	4 03
6080	do.	E. R. Canady.....	do.	5 42
6081	do.	M. Cherry.....	do.	3 45
6082	do.	R. P. Hayes.....	do.	2 38
6083	do.	Z. Alsip.....	do.	4 47
6084	do.	J. W. Rayburn.....	do.	3 74
6085	do.	N. Hahn.....	do.	7 08
6086	do.	J. A. R. Koch.....	do.	5 10
6087	do.	W. E. Yount.....	do.	6 50
6088	do.	H. I. Nelson.....	do.	1 77
6089	do.	F. H. Busey.....	do.	7 74
6090	do.	G. W. Van Meter.....	do.	10 09
6091	do.	C. E. Fisher.....	do.	3 96
6092	do.	E. L. Martin.....	do.	3 80
6093	do.	F. Krugh.....	do.	3 13
6094	do.	J. Rueb.....	do.	3 31
6095	do.	I. H. Gordon.....	do.	7 37
6096	do.	I. W. Maxwell.....	do.	6 76
6097	do.	E. A. Smith.....	do.	3 42
6098	do.	W. L. Davis.....	do.	4 79
6099	do.	Pearl Hazen.....	do.	3 40
6100	do.	F. C. Bauer.....	Salary, February, 1914.....	133 33
6101	do.	W. L. Burlison.....	do.	116 66
6102	do.	I. W. Dickerson.....	do.	133 33
6103	do.	E. T. Ebersol.....	do.	60 00
6104	do.	K. J. T. Eckblaw.....	do.	133 33
6105	do.	F. A. Fisher.....	do.	100 00
6106	do.	O. S. Fisher.....	do.	208 33

## GENERAL UNIVERSITY VLUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
6107	Feb. 19	A. F. Gustafson.....	Salary, September, 1914.....	\$175 00
6108	do.	Leonard Hegnauer.....	do.....	250 00
6109	do.	M. E. Jahr.....	do.....	140 00
6110	do.	J. G. Mosier.....	do.....	291 66
6111	do.	J. H. Pettit.....	do.....	250 00
6112	do.	C. O. Reed.....	do.....	120 00
6113	do.	L. H. Smith.....	do.....	291 66
6114	do.	H. W. Stewart.....	do.....	150 00
6115	do.	E. A. White.....	do.....	175 00
6116	do.	A. L. Whiting.....	do.....	150 00
6117	do.	D. O. Barto.....	do.....	200 00
6118	do.	Sleeter Bull.....	do.....	133 33
6119	do.	W. J. Carmichael.....	do.....	91 66
6120	do.	W. C. Coffey.....	do.....	266 66
6121	do.	J. A. Detlefsen.....	do.....	200 00
6122	do.	J. L. Edmonds.....	do.....	208 33
6123	do.	W. F. Handschin.....	do.....	200 00
6124	do.	H. W. Mumford.....	do.....	416 66
6125	do.	C. I. Newlin.....	do.....	100 00
6126	do.	H. P. Rusk.....	do.....	208 33
6127	do.	F. M. Simpson.....	do.....	133 33
6128	do.	W. H. Smith.....	do.....	125 00
6129	do.	J. J. Yoke.....	do.....	83 33
6130	do.	R. E. Brand.....	do.....	175 00
6131	do.	W. T. Crandall.....	do.....	150 00
6132	do.	W. J. Fraser.....	do.....	291 66
6133	do.	R. S. Hulce.....	do.....	116 66
6134	do.	O. A. Keller.....	do.....	91 66
6135	do.	LeRoy Lang.....	do.....	175 00
6136	do.	H. N. Parker.....	do.....	200 00
6137	do.	H. A. Ruehe.....	do.....	133 33
6138	do.	W. W. Yapp.....	do.....	91 66
6139	do.	F. A. Aust.....	do.....	83 33
6140	do.	S. J. Bole.....	do.....	150 00
6141	do.	A. S. Colby.....	do.....	60 00
6142	do.	C. S. Crandall.....	do.....	291 66
6143	do.	H. B. Dörner.....	do.....	250 00
6144	do.	C. E. Durst.....	do.....	150 00
6145	do.	L. E. Foglesong.....	do.....	116 66
6146	do.	R. W. Hoffman.....	do.....	70 00
6147	do.	J. W. Lloyd.....	do.....	291 66
6148	do.	Wilhelm Miller.....	do.....	250 00
6149	do.	C. M. Robinsons.....	do.....	100 00
6150	do.	R. R. Root.....	do.....	208 33
6151	do.	F. A. C. Smith.....	do.....	125 00
6152	do.	O. S. Watkins.....	do.....	175 00
6153	do.	B. S. Pickett.....	do.....	250 00
6154	do.	J. J. Gardner.....	do.....	100 00
6155	do.	Ralph M. Campbell.....	Interest.....	21 00
6156	do.	W. W. Lindley.....	Money advanced on postage.....	50 00
6157	do.	H. C. Peterson.....	Loan.....	100 00
6158	do.	R. M. Husband.....	do.....	25 00
6159	do.	Max Montgomery.....	Fellowship.....	200 00
6160	Feb. 20	C. A. F. Kahlbaum.....	Laboratory supplies.....	18 60
6161	do.	D. Anderson.....	Books.....	2 22
6162	do.	C. C. Adams.....	Class adviser.....	25 00
6163	do.	C. W. Balke.....	do.....	25 00
6164	do.	H. J. Barton.....	do.....	25 00
6165	do.	W. S. Bayley.....	do.....	25 00
6166	do.	C. V. Boyer.....	do.....	25 00
6167	do.	W. Buchen.....	do.....	25 00
6168	do.	W. E. Burge.....	do.....	25 00
6169	do.	T. A. Clark.....	do.....	25 00
6170	do.	A. R. Crathorne.....	do.....	25 00
6171	do.	C. G. Derick.....	do.....	25 00
6172	do.	W. F. Dodd.....	do.....	25 00
6173	do.	D. K. Dodge.....	do.....	25 00
6174	do.	J. D. Fitz-Gerald II.....	do.....	25 00
6175	do.	T. H. Guild.....	do.....	25 00
6176	do.	E. C. Hayes.....	do.....	25 00
6177	do.	C. F. Kelley.....	do.....	25 00
6178	do.	C. G. McArthur.....	do.....	25 00
6179	do.	D. A. McInnes.....	do.....	25 00
6180	do.	H. McJohnston.....	do.....	25 00
6181	do.	C. M. Moss.....	do.....	25 00
6182	do.	H. G. Paul.....	do.....	25 00
6183	do.	F. W. Scott.....	do.....	25 00
6184	do.	A. R. Seymour.....	do.....	25 00
6185	do.	C. H. Sisam.....	do.....	25 00

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
6186	Feb. 20	G. M. Smith.	Class adviser.....	\$ 25 00
6187	do.	A. J. Todd.	do.	25 00
6188	do.	H. B. Ward.	do.	25 00
6189	do.	A. R. Warnock	do.	25 00
6190	do.	F. R. Watson	do.	25 00
6191	do.	C. H. Wolbert	do.	25 00
6192	do.	J. G. Thompson.	do.	18 00
6193	Feb. 21	A. Dunn.	Dairy products furnished depart- ment of dairy husbandry.....	5 94
6194	do.	G. Schiff.	do.	5 16
6195	do.	L. Creiger.	do.	3 66
6196	do.	E. Grove.	do.	6 96
6197	do.	J. E. Henderson.	do.	4 29
6198	do.	Pearl Hazen.	do.	6 51
6199	do.	J. F. Ridgeley.	do.	3 06
6200	do.	J. Ruoh.	do.	3 33
6201	do.	F. Knox.	do.	4 12
6202	do.	G. Hurst.	do.	10 32
6203	do.	G. O. McMorris	do.	3 99
6204	do.	D. B. White.	do.	6 78
6205	do.	J. H. Rutan.	do.	3 57
6206	do.	M. Leigh.	do.	4 35
6207	do.	C. C. Rayburn.	do.	5 67
6208	do.	A. E. Burwash.	do.	5 10
6209	do.	C. R. Sheffer.	do.	4 80
6210	do.	W. E. Heyer.	do.	6 36
6211	do.	G. W. Clark.	do.	6 69
6212	do.	O. E. Staples, Bursar.	Rebates.	211 75
6213	do.	O. E. Staples, Bursar	Sundry bills.	1 03
6214	do.	O. E. Staples, Bursar	Rebates.	66 25
6215	do.	W. R. Bradley & Co.	Incidentals.	1 60
6216	do.	Bevis Sisters.	do.	7 95
6217	do.	Schiller the Florist.	Flowers.	8 30
6218	Feb. 24	O. E. Staples, Bursar	Payment to London Chariton	350 00
6219	do.	A. G. Sailer.	Books.	6 00
6220	do.	McGraw-Hill Book Co.	do.	4 25
6221	do.	Mittendorf & Klier.	Shades.	2 10
6222	do.	E. H. Sargent & Co.	Laboratory supplies.	12 39
6223	do.	Florence Keller.	Clerical work.	60 00
6224	do.	Cleveland Grain Co.	Feeding stuffs.	635 00
6225	do.	Martinius Nilhoff	Books.	19 94
6226	do.	National Engraving Co.	Printing and etc.	7 35
6227	do.	J. W. Folsom.	Traveling expenses.	9 69
6228	do.	The Champaign News.	Advertising.	3 60
6229	Feb. 25	T. P. Lyon.	Dairy products furnished depart- ment of dairy husbandry.....	3 75
6230	do.	I. H. Basore.	do.	5 70
6231	do.	G. Taylor.	do.	3 51
6232	do.	O. W. Hampton.	do.	4 44
6233	do.	P. P. Dunn.	do.	3 87
6234	do.	A. J. Krutewitt.	do.	5 58
6235	do.	G. R. Evans.	do.	3 94
6236	do.	W. L. Davis.	do.	5 14
6237	do.	E. R. Hamm.	do.	4 81
6238	do.	E. R. Canady.	do.	10 95
6239	do.	C. R. Beaver.	do.	4 56
6240	do.	W. D. Kohl.	do.	3 78
6241	do.	T. M. Ghere.	do.	3 80
6242	do.	J. S. Tenschet.	do.	7 38
6243	do.	J. B. Marsh.	do.	6 69
6244	do.	Jas. Freeman.	do.	4 84
6245	do.	G. W. VanMeter	do.	1 86
6246	do.	W. E. Womacks.	do.	2 16
6247	do.	Ebb Leigh.	do.	6 07
6248	do.	A. E. Burwash.	do.	5 31
6249	do.	A. Shields.	do.	6 31
6250	do.	A. Ekblaw.	do.	3 52
6251	do.	G. W. Plester.	do.	3 93
6252	do.	W. J. Kelly.	do.	4 71
6253	do.	W. J. Wilson.	do.	3 75
6254	do.	J. D. Pulliam.	do.	3 51
6255	do.	W. Case.	do.	4 62
6256	do.	W. C. Welch.	do.	3 39
6257	do.	C. J. VonHohen.	do.	4 38
6258	do.	I. W. Maxwell.	do.	3 89
6259	do.	C. Dunn.	do.	6 75
6260	do.	W. Leischner.	do.	4 86
6261	do.	I. H. Gordon.	do.	7 35
6262	do.	E. A. Smith.	do.	3 78

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
6263	Feb. 26	G. E. Stechert & Co.	Books.	\$ 24 25
6264	..do.	Niel Morrow Ladd Co.	..do.	11 50
6265	..do.	The John Clark Co.	..do.	14 00
6266	..do.	A. C. McClurg & Co.	..do.	1 80
6267	..do.	Heaton's Agency	..do.	1 28
6268	..do.	Lemcke & Buechner	..do.	132 00
6269	..do.	A. W. Shaw Co.	..do.	14 00
6270	..do.	Universal Business	..do.	5 00
6271	..do.	Ernst Hertzberg & Sons.	..do.	2 52
6272	Feb. 27	B. Jordan.	Dairy products furnished department of dairy husbandry.	12 86
6273	..do.	C. Ross.	..do.	11 36
6274	..do.	T. F. Jordan.	..do.	15 17
6275	..do.	H. Allison.	..do.	4 86
6276	..do.	J. Cornett.	..do.	3 20
6277	..do.	J. D. Pulliam.	..do.	3 74
6278	..do.	J. Ridgeley.	..do.	3 74
6279	..do.	David Kinley.	Traveling expenses.	44 60
6280	..do.	N. F. Nocher.	Books.	6 60
6281	..do.	H. A. Ludwig Degener.	..do.	3 22
6282	..do.	The General Administration of the Royal Museum.	Specimens.	200 24
6283	..do.	E. F. Lyon.	Dairy products furnished department of dairy husbandry.	4 54
6284	..do.	O. W. Hampton.	..do.	4 16
6285	..do.	G. Schiff.	..do.	6 82
6286	..do.	R. S. McInness.	..do.	5 12
6287	..do.	C. C. Gordon.	..do.	5 60
6288	..do.	H. I. Nelson.	..do.	1 53
6289	..do.	J. W. Rayburn.	..do.	4 10
6290	..do.	Macy Bros.	..do.	5 47
6291	..do.	C. C. Rayburn.	..do.	5 82
6292	..do.	G. Hobick.	..do.	6 34
6293	..do.	A. E. Burwash.	..do.	4 35
6294	..do.	E. W. Smalley.	..do.	7 42
6295	..do.	Ed. Smith.	..do.	4 61
6296	..do.	Carl Watkins.	..do.	4 61
6297	..do.	W. W. Meyer.	..do.	1 95
6298	Mar. 2	Adelle C. Smith.	Salary, February 1-21.	45 00
6299	..do.	F. G. Blair.	Traveling expenses.	14 90
6300	..do.	Florence E. Watson.	..do.	17 04
6301	..do.	Mary E. Busey.	..do.	13 79
6302	..do.	G. Taylor.	Dairy products furnished department of dairy husbandry.	4 74
6303	..do.	J. E. Henderson.	..do.	4 67
6304	..do.	E. Grove.	..do.	7 74
6305	..do.	P. P. Dunn.	..do.	4 96
6306	..do.	A. Dunn.	..do.	6 96
6307	..do.	R. Smith.	..do.	2 91
6308	..do.	I. H. Besore.	..do.	7 14
6309	..do.	M. Hudson.	..do.	4 45
6310	..do.	J. Freeman.	..do.	6 98
6311	..do.	N. Hahn.	..do.	7 81
6312	..do.	W. E. Yount.	..do.	7 49
6313	..do.	Ed Heppe.	..do.	4 61
6314	..do.	W. VanBuskirk.	..do.	5 41
6315	..do.	J. Rueb.	..do.	9 47
6316	..do.	L. J. Wienke.	..do.	4 26
6317	..do.	G. W. VanMeter.	..do.	10 09
6318	..do.	W. E. Womacks.	..do.	2 56
6319	..do.	F. Krukewitt.	..do.	7 42
6320	..do.	W. D. Rohl.	..do.	5 18
6321	..do.	Pearl Hazen.	..do.	6 92
6322	..do.	G. C. Cochran.	..do.	5 45
6323	..do.	D. B. White.	..do.	8 64
6324	..do.	E. R. Canady.	..do.	12 22
6325	..do.	J. B. Marsh.	..do.	7 33
6326	..do.	F. Elliott.	..do.	6 53
6327	..do.	C. A. Fogel.	..do.	6 91
6328	..do.	T. M. Ghers.	..do.	4 19
6329	..do.	Z. Alsip.	..do.	4 51
6330	..do.	J. A. R. Koch.	..do.	5 44
6331	..do.	T. M. Clayton.	..do.	2 98
6332	..do.	W. J. Wilson.	..do.	3 74
6333	..do.	R. Childers.	..do.	2 75
6334	..do.	F. H. Busey.	..do.	5 92
6335	..do.	C. R. Beaver.	..do.	4 62
6336	..do.	I. H. Gordon.	..do.	8 03
6337	..do.	I. W. Maxwell.	..do.	7 94

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914.				
6338	Mar. 3	John Grant.....	Books.....	\$ 6 31
6339	..do..	Pickering & Chatto.....	..do..	7 50
6340	..do..	Hodges, Figgis & Co.....	..do..	116 27
6341	..do..	Libraire Honore Champion.....	..do..	109 30
6342	..do..	Karl W. Hiersemann.....	..do..	2 06
6343	..do..	Koniglichen Bibliothek.....	Cards.....	18 10
6344	..do..	A. Reader.....	Books.....	10 97
6345	..do..	N. W. Damm & Son.....	..do..	2 77
6346	..do..	Paul Neff Berlag.....	..do..	2 62
6347	..do..	J. Ricker.....	..do..	3 21
6348	..do..	Dr. F. Krantz.....	Specimens.....	81 68
6349	..do..	Dulau & Co., Ltd.....	Books.....	12 96
6350	..do..	Felix L. Dames.....	..do..	2 51
6351	..do..	Max Weg.....	..do..	80 25
6352	..do..	Joseph Baer & Co.....	..do..	1 42
6353	..do..	Bernhard Liebisch.....	..do..	84 13
6354	..do..	Panatagrp Printing & Stationery Co.....	Printing.....	215 12
6355	..do..	Key Publishing Co.....	Books.....	3 00
6356	..do..	J. D. White.....	Postage.....	600 00
6357	..do..	R. Graham.....	Dairy products furnished depart- ment of dairy husbandry.....	9 01
6358	..do..	T. N. Burwash.....	..do..	1 44
6359	..do..	J. McCullough.....	..do..	1 87
6360	..do..	J. Weiss.....	..do..	13 66
6361	..do..	S. Atchison.....	..do..	2 43
6362	Mar. 4	R. A. Lumsden.....	..do..	7 30
6363	..do..	W. F. Hampton.....	..do..	3 52
6364	..do..	R. T. Lumsden.....	..do..	6 59
6365	..do..	G. F. Diefenbach.....	..do..	3 63
6366	..do..	L. F. Lindsey.....	..do..	3 01
6367	..do..	R. S. McInnes.....	..do..	2 66
6368	..do..	C. C. Gordon.....	..do..	1 57
6369	..do..	T. P. Lyon.....	..do..	2 53
6370	..do..	R. P. Hayes.....	..do..	2 75
6371	..do..	T. M. Ghere.....	..do..	4 13
6372	..do..	W. Case.....	..do..	4 80
6373	..do..	E. R. Canady.....	..do..	5 79
6374	..do..	G. O. McMorris.....	..do..	4 99
6375	..do..	W. J. Wilson.....	..do..	3 78
6376	..do..	W. E. Yount.....	..do..	7 10
6377	..do..	J. H. Rutan.....	..do..	2 91
6378	..do..	F. Krugh.....	..do..	4 03
6379	..do..	F. Knox.....	..do..	4 16
6380	..do..	H. F. Ridgeley.....	..do..	4 71
6381	..do..	J. Cornett.....	..do..	2 56
6382	..do..	A. E. Burwash.....	..do..	4 93
6383	..do..	J. Freeman.....	..do..	6 94
6384	..do..	W. C. Welch.....	..do..	4 61
6385	..do..	I. W. Maxwell.....	..do..	3 90
6386	..do..	E. A. Smith.....	..do..	3 14
6387	..do..	E. V. Percival.....	..do..	5 98
6388	..do..	J. Ridgeley.....	..do..	3 39
6389	..do..	G. Hurst.....	..do..	4 25
6390	..do..	C. E. Kelly.....	..do..	2 86
6391	..do..	T. F. Jordan.....	..do..	7 84
6392	..do..	B. Jordan.....	..do..	12 10
6393	..do..	C. A. Fogel.....	..do..	3 38
6394	..do..	J. Rueb.....	..do..	5 57
6395	..do..	C. Ross.....	..do..	6 75
6396	..do..	W. L. Davis.....	..do..	5 36
6397	..do..	E. S. Hayes.....	..do..	4 13
6398	..do..	A. Shields.....	..do..	6 29
6399	..do..	A. Ekblaw.....	..do..	4 19
6400	..do..	F. Schweineke.....	..do..	5 50
6401	..do..	C. R. Sheffer.....	..do..	4 15
6402	..do..	R. L. Wirt.....	..do..	4 40
6403	..do..	E. B. Resler.....	..do..	4 08
6404	..do..	T. H. Richardson.....	..do..	5 95
6405	..do..	Reliable Plumbing & Heating Co.....	Plumbing.....	3 00
6406	..do..	J. W. Butler Paper Co.....	Office supplies.....	42 85
6407	..do..	Carrie Alexander-Bahrenburg.....	Traveling expenses.....	100 40
6408	..do..	Harry Higgins.....	Salary, February.....	58 00
6409	Mar. 5	O. E. Staples, Bursar.....	Rebates.....	308 10
6410	..do..	O. E. Staples, Bursar.....	..do..	94 87
6411	..do..	The Museum Book Store.....	Books.....	2 68
6412	..do..	Secretary of the Commonwealth.....	..do..	10 00
6413	..do..	Association Press.....	..do..	1 49
6414	..do..	Bert E. Young, Secretary.....	..do..	1 25
6415	..do..	Archer B. Hulbert.....	..do..	125 00



## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
6416	Mar. 5	C. F. Libbie & Co.	Books.	\$ 80 31
6417	do.	Gee & Co.	do.	203 18
6418	do.	Rand McNally & Co.	Laboratory apparatus.	13 95
6419	do.	J. A. Fairlie.	Salary, February	291 66
6420	Mar. 6	G. W. Sheldon & Co.	Books.	3 45
6421	do.	D. H. Carnahan.	Purchase of material.	50 00
6422	do.	J. W. Butler Paper Co.	Office supplies.	133 57
6423	do.	Hubert V. Stephenson.	Loan.	100 00
6424	do.	S. C. Skemp.	do.	25 00
6425	do.	Charles T. Hufford.	do.	75 00
6426	do.	The Arthur H. Clark Co.	Books.	1 00
6427	do.	Edwin R. A. Seligman.	do.	51 50
6428	do.	E. W. Johnson.	do.	9 00
6429	do.	Ernst Hertzberg & Sons.	do.	19 73
6430	do.	G. E. Stechert & Co.	do.	45 84
6431	do.	A. C. McClurg & Co.	do.	19 87
6432	do.	O. E. Staples, Bursar.	Sundry bills.	15 13
6433	Mar. 9	C. L. Harlan.	Traveling expenses	35 00
6434	do.	Helen Denney.	Services as pianist.	3 50
6435	do.	Pickering & Chatto.	Books.	10 96
6436	do.	John W. Sheldon Co.	do.	35 35
6437	do.	Oswald Weigel.	do.	36 63
6438	do.	Paul Lechevalier.	do.	1 60
6439	do.	James Thin.	do.	12 52
6440	do.	Bernh. Liebisch.	do.	6 48
6441	do.	Ch. Chadenat.	do.	27 76
6442	do.	John W. Spalding.	Field expenses.	3 00
6443	do.	Otto Lange.	Books.	1 27
6444	do.	J. Rieker.	do.	2 74
6445	do.	Otto Harrassowitz.	do.	2 98
6446	do.	Joseph Baer & Co.	do.	30 10
6447	do.	W. Wesley & Son.	do.	20 65
6448	Mar. 10	C. M. Clayton.	Dairy products furnished department of dairy husbandry.	3 58
6449	do.	I. H. Gordon.	do.	8 00
6450	do.	E. Grove.	do.	5 70
6451	do.	C. W. Pfeister.	do.	4 03
6452	do.	P. P. Dunn.	do.	4 19
6453	do.	I. H. Besore.	do.	5 44
6454	do.	G. Taylor.	do.	3 01
6455	do.	O. W. Hampton.	do.	3 74
6456	do.	A. Dunn.	do.	7 78
6457	do.	J. E. Henderson.	do.	3 33
6458	do.	H. I. Nelson.	do.	1 22
6459	do.	G. Schiff.	do.	7 01
6460	do.	Macy Bros.	do.	6 75
6461	do.	M. Leigh.	do.	3 78
6462	do.	E. R. Canady.	do.	5 86
6463	do.	F. Elliott.	do.	5 31
6464	do.	C. A. Fogel.	do.	3 22
6465	do.	C. C. Rayburn.	do.	6 34
6466	do.	R. L. Wirt.	do.	4 60
6467	do.	A. Shields.	do.	6 61
6468	do.	D. B. White.	do.	6 27
6469	do.	Pearl Hazen.	do.	4 34
6470	do.	G. Eggleston.	do.	5 25
6471	do.	W. E. Satterfield.	do.	3 90
6472	do.	Ebb Leigh.	do.	2 50
6473	do.	G. Hurst.	do.	5 47
6474	do.	F. Sheffer.	do.	4 41
6475	do.	A. E. Burwash.	do.	4 00
6476	do.	G. W. Van Meter.	do.	9 79
6477	do.	W. D. Rohl.	do.	4 54
6478	do.	C. R. Beavers.	do.	4 80
6479	do.	C. Watkins.	do.	3 58
6480	do.	R. Childers.	do.	2 08
6481	do.	J. Rueb.	do.	3 07
6482	do.	W. E. Womacks.	do.	2 50
6483	do.	A. Kroner.	do.	5 38
6484	do.	T. M. Gwynn.	do.	5 11
6485	do.	M. Cherry.	do.	4 22
6486	do.	W. L. Davis.	do.	5 11
6487	do.	W. E. Heyer.	do.	3 86
6488	do.	P. J. Peterson.	do.	5 80
6489	do.	Assn. of American Universities.	Dues.	40 00
6490	do.	J. T. Montgomery.	Traveling expenses.	107 00
6491	do.	Marine Biological Assn. of United Kingdom.	do.	
6492	do.	August Sauter.	Laboratory supplies.	12 15
			do.	80 50

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
6493	Mar. 10	Joh. Heckemann.....	Incidentals.....	\$ 3 99
6494	Mar. 11	C., C. C. & St. L. R. R. Co.....	Freight.....	15 28
6495	do.	G. W. Van Meter.....	Dairy products furnished department of dairy husbandry.....	4 98
6496	do.	D. S. Herriott.....	do.	3 81
6497	do.	A. Shields.....	do.	5 72
6498	do.	B. Jordan.....	do.	12 10
6499	do.	R. Smith.....	do.	2 59
6500	do.	W. J. Kelly.....	do.	3 88
6501	do.	C. Ross.....	do.	6 75
6502	do.	T. F. Jordan.....	do.	10 34
6503	do.	G. Hobick.....	do.	6 40
6504	do.	R. L. Myers.....	do.	4 98
6505	do.	Mary Warner.....	do.	4 88
6506	do.	A. E. Burwash.....	do.	4 19
6507	do.	E. W. Smalley.....	do.	5 29
6508	do.	M. Cherry.....	do.	2 40
6509	do.	A. E. Hayes.....	do.	2 30
6510	do.	L. W. Maxwell.....	do.	6 88
6511	do.	E. J. Percival.....	do.	6 56
6512	Mar. 12	G. F. Diefenbach.....	do.	1 57
6513	do.	R. T. Lumsden.....	do.	2 72
6514	do.	R. A. Lumsden.....	do.	3 14
6515	do.	W. F. Hampton.....	do.	4 32
6516	do.	M. Hudson.....	do.	3 04
6517	do.	C. C. Gordon.....	do.	1 18
6518	do.	R. S. McInness.....	do.	4 99
6519	do.	F. Sheffer.....	do.	4 32
6520	do.	A. G. Krukewitt.....	do.	6 24
6521	do.	J. Freeman.....	do.	6 53
6522	do.	T. M. Ghere.....	do.	4 42
6523	do.	W. E. Yount.....	do.	7 39
6524	do.	J. A. R. Koch.....	do.	6 05
6525	do.	H. F. Ridgely.....	do.	3 30
6526	do.	F. Knox.....	do.	4 38
6527	do.	C. A. Fogel.....	do.	2 61
6528	do.	J. Rueb.....	do.	4 99
6529	do.	Z. Alsip.....	do.	4 51
6530	do.	J. B. Marsh.....	do.	7 81
6531	do.	H. Allison.....	do.	4 16
6532	do.	J. D. Pulliam.....	do.	2 34
6533	do.	W. D. Rohl.....	do.	5 50
6534	do.	E. R. Canady.....	do.	5 50
6535	do.	F. H. Busey.....	do.	7 74
6536	do.	I. H. Gordon.....	do.	7 81
6537	do.	W. C. Welch.....	do.	4 67
6538	do.	T. H. Richardson.....	do.	5 76
6539	do.	E. A. Smith.....	do.	3 14
6540	do.	O. C. Simonds & Co.....	Traveling expenses.....	56 24
6541	do.	W. L. Gaines.....	do.	12 78
6542	do.	A. A. Sphung.....	Laboratory supplies.....	11 00
6543	do.	O. Kercher.....	Clerical work.....	42 94
6544	do.	W. L. Frank.....	do.	26 90
6545	do.	L. F. Simpson.....	do.	10 40
6546	do.	Brown's Business College.....	do.	1 10
6547	do.	O. E. Staples, Bursar.....	Rebates.....	181 87
6548	Mar. 13	W. R. Gilbert.....	Dairy products furnished department of dairy husbandry.....	6 30
6549	do.	Hindsboro Creamery Co.....	do.	6 09
6550	do.	M. H. Anderson.....	do.	5 95
6551	do.	Rossville Creamery Co.....	do.	7 24
6552	do.	A. J. Spohn.....	do.	9 30
6553	do.	Litchfield Creamery Co.....	do.	8 57
6554	do.	H. W. Vandyke.....	do.	6 02
6555	do.	Richmond Bros.....	do.	6 30
6556	do.	C. Jacobsen.....	do.	2 35
6557	do.	N. Muller.....	do.	3 00
6558	do.	G. J. Deardorf.....	do.	5 73
6559	do.	W. F. Conway.....	do.	6 00
6560	do.	G. Schiff.....	do.	6 05
6561	do.	A. R. Grindley.....	do.	1 92
6562	do.	G. Taylor.....	do.	2 14
6563	do.	C. L. Van Buskirk.....	do.	4 19
6564	do.	F. Krugh.....	do.	3 17
6565	do.	E. S. Hayes.....	do.	3 14
6566	do.	J. Rueb.....	do.	3 17
6567	do.	G. R. Evans.....	do.	4 21
6568	do.	J. Ridgely.....	do.	3 46
6569	do.	E. B. Resler.....	do.	4 18

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
6570 Mar.	1914.	W. L. Davis.	Dairy products furnished depart-	\$ 5 41
6571 do.	13	G. R. Beaver	ment of dairy husbandry	4 33
6572 do.		F. C. Bauer	Salary, March, 1914	133 33
6573 do.		W. L. Burlison	do.	116 66
6574 do.		L. W. Dickerson.	do.	133 33
6575 do.		E. T. Ebersoll	do.	60 30
6576 do.		K. J. T. Eckblaw	do.	133 33
6577 do.		F. A. Fisher	do.	100 00
6578 do.		O. S. Fisher	do.	208 33
6579 do.		A. F. Gustafson.	do.	175 00
6580 do.		Leonard Hegnauer	do.	250 00
6581 do.		M. E. Jahr	do.	140 00
6582 do.		J. G. Mosier	do.	281 66
6583 do.		J. H. Pettit	do.	250 00
6584 do.		C. O. Reed	do.	120 00
6585 do.		L. H. Smith	do.	291 66
6586 do.		H. W. Stewart	do.	150 00
6587 do.		E. A. White	do.	175 00
6588 do.		A. L. Whiting	do.	150 00
6589 do.		D. O. Barto	do.	200 00
6590 do.		Sleeter Bull	do.	80 10
6591 do.		Sleeter Bull	do.	50 17
6592 do.		W. J. Carmichael	do.	51 46
6593 do.		W. C. Corley	do.	266 00
6594 do.		J. A. Delelsen	do.	200 33
6595 do.		J. L. Edmonds	do.	208 33
6596 do.		W. F. Hanschin	do.	200 33
6597 do.		H. P. Rusk	do.	410 66
6598 do.		F. M. Simpson	do.	208 33
6599 do.		W. H. Smith	do.	255 33
6600 do.		J. J. Yoke	do.	123 33
6601 do.		R. E. Brand	do.	38 33
6602 do.		W. T. Crandall	do.	175 00
6603 do.		W. J. Fraser	do.	150 00
6604 do.		R. S. Hulce	do.	291 66
6605 do.		O. A. Keller	do.	116 66
6606 do.		LeRoy Lang	do.	191 66
6607 do.		H. N. Parker	do.	175 00
6608 do.		H. A. Ruene	do.	200 00
6609 do.		W. W. Yapp	do.	133 33
6610 do.		F. A. Aust.	do.	91 66
6611 do.		S. J. Bole	do.	83 33
6612 do.		A. S. Colby	do.	150 00
6613 do.		C. S. Crandall	do.	60 00
6614 do.		H. B. Dorrer	do.	291 66
6615 do.		C. E. Durs	do.	250 00
6616 do.		L. E. Foglesong	do.	150 00
6617 do.		J. J. Gardner	do.	116 66
6618 do.		R. W. Hoffman	do.	100 00
6619 do.		J. W. Lloyd	do.	70 00
6620 do.		Wilhelm Miller	do.	291 66
6621 do.		C. M. Robinson	do.	250 00
6622 do.		R. R. Root	do.	100 00
6623 do.		F. A. C. Smith	do.	208 33
6624 do.		O. S. Watkins	do.	175 00
6625 do.		B. S. Pickett	do.	125 00
6626 do.		O. E. Staples, Bursar	do.	250 00
6627 do.		H. I. Carpenter	Standard bills	70 96
6628 Mar.	14	Eugene Dietzgen Co.	Paid Tuling	8 75
6629 do.		Frank H. Vico & Co.	Laboratory supplies	8 75
6630 do.		Alex Harmon & Son	Feeding supplies	10 95
6631 do.		J. W. Butler Paper Co.	Field supplies	116 00
6632 do.		J. Jarrell	Office supplies	7 75
6633 Mar.	17		Dairy products furnished depart-	89 06
6634 do.		L. H. Besore	ment of dairy husbandry	3 78
6635 do.		E. R. Hamm	do.	4 66
6636 do.		E. Fisher	do.	4 98
6637 do.		O. W. Hampton	do.	3 30
6638 do.		F. C. Dunn	do.	2 87
6639 do.		E. Grove	do.	4 50
6640 do.		A. Dunn	do.	7 44
6641 do.		J. E. Henderson	do.	7 83
6642 do.		J. A. R. Koch	do.	3 90
6643 do.		F. Krulewitz	do.	3 94
6644 do.		N. Hamm	do.	5 79
6645 do.		Maey Bros.	do.	7 35
6646 do.		E. W. Smalley	do.	7 08
6646 do.			do.	7 11

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
6647	Mar. 17	M. Cherry.....	Dairy products furnished department of dairy husbandry.....	\$ 3 63
6648	do.	D. B. White.....	do.	7 59
6649	do.	D. Hahn.....	do.	5 28
6650	do.	F. Elliott.....	do.	4 86
6651	do.	E. R. Canady.....	do.	5 31
6652	do.	H. Cherry.....	do.	4 23
6653	do.	W. Case.....	do.	4 74
6654	do.	W. J. Wilson.....	do.	3 36
6655	do.	J. W. Rayburn.....	do.	3 30
6656	do.	T. M. Clayton.....	do.	3 36
6657	do.	W. E. Womacks.....	do.	3 09
6658	do.	J. H. Cornett.....	do.	2 40
6659	do.	C. W. Pfeister.....	do.	6 15
6660	do.	G. W. Van Meter.....	do.	4 92
6661	do.	E. J. Percival.....	do.	3 36
6662	do.	J. Weiss.....	do.	8 77
6663	do.	J. McCullough.....	do.	3 24
6664	do.	R. Graham.....	do.	9 22
6665	do.	Cecile McKibben.....	Nursing.....	108 58
6666	do.	Flora Nayden.....	do.	108 58
6667	do.	Mrs. Jessie Conover.....	do.	80 01
6668	do.	Helen Roth.....	do.	80 01
6669	do.	Mrs. Alice Laing.....	do.	57 15
6670	do.	Isabell Needham.....	do.	10 00
6671	do.	Martha Davis.....	do.	50 00
6672	do.	O. E. Shobe & Co.....	Carriages.....	12 00
6673	do.	O. E. Staples, Bursar.....	Sundry bills.....	21 37
6674	do.	N. Hay.....	Traveling expenses.....	6 50
6675	do.	Florence E. Watson.....	do.	17 99
6676	do.	The American Commonwealth Co.....	Books.....	4 00
6677	Mar. 18	R. L. Myers.....	Dairy products furnished department of dairy husbandry.....	3 16
6678	do.	J. D. Pulliam.....	do.	1 31
6679	do.	Ed. Smith.....	do.	4 23
6680	do.	Pearl Hazen.....	do.	4 15
6681	do.	B. Jordan.....	do.	13 72
6682	do.	C. Ross.....	do.	6 61
6683	do.	T. F. Jordan.....	do.	9 51
6684	do.	E. A. Burwash.....	do.	3 65
6685	do.	W. L. Davis.....	do.	4 59
6686	do.	T. M. Guyan.....	do.	5 08
6687	do.	Mary Warner.....	do.	4 27
6688	do.	C. E. Kelly.....	do.	2 72
6689	do.	R. L. Wirt.....	do.	9 35
6690	do.	G. Hurst.....	do.	4 47
6691	do.	C. J. Von Holten.....	do.	2 90
6692	do.	I. W. Maxwell.....	do.	6 50
6693	do.	C., C. C. & St. L. R. R. Co.....	Freight.....	59 91
6694	do.	Wabash R. R. Co.....	do.	73 37
6695	do.	Illinois Central R. R. Co.....	do.	93 97
6696	do.	Wabash R. R. Co.....	do.	1 78
6697	do.	C., C. C. & St. L. R. R. Co.....	do.	1 66
6698	do.	Wabash R. R. Co.....	do.	25 11
6699	Mar. 19	W. W. Lindley.....	Postage.....	50 00
6700	do.	J. W. Butler Paper Co.....	Office supplies.....	251 51
6701	do.	Chas. H. Kelly.....	Books.....	1 10
6702	do.	Mary S. Snyder.....	Interest.....	300 00
6703	do.	J. B. Kaiser.....	Salary, March, 1914.....	34 61
6704	do.	Dr. Th. Lederer.....	Specimens.....	113 50
6705	do.	J. D. White.....	Postage.....	374 00
6706	do.	R. A. Lumsden.....	Dairy products furnished department of dairy husbandry.....	2 80
6707	do.	W. F. Hampton.....	do.	3 22
6708	do.	L. F. Lindsey.....	do.	2 12
6709	do.	G. F. Diefenbach.....	do.	1 48
6710	do.	R. T. Lumsden.....	do.	1 37
6711	do.	E. F. Lyon.....	do.	4 23
6712	do.	C. C. Gordon.....	do.	1 82
6713	do.	R. S. McInness.....	do.	4 88
6714	do.	W. E. Yount.....	do.	5 92
6715	do.	L. Lebka.....	do.	2 41
6716	do.	R. P. Hayes.....	do.	2 15
6717	do.	J. Ridgley.....	do.	2 67
6718	do.	F. Schweineke.....	do.	5 34
6719	do.	G. O. McMorris.....	do.	3 63
6720	do.	H. F. Ridgley.....	do.	2 84
6721	do.	T. M. Ghore.....	do.	4 47
6722	do.	E. L. Martin.....	do.	3 92

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
6723	Mar. 19	G. Eggleston.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 4 67
6724	do.	C. A. Fogel.....	do.	5 67
6725	do.	J. Freeman.....	do.	6 26
6726	do.	A. Ekblaw.....	do.	3 77
6727	do.	W. D. Rohl.....	do.	4 12
6728	do.	S. G. Richards.....	do.	1 57
6729	do.	E. R. Canady.....	do.	8 99
6730	do.	J. B. Marsh.....	do.	6 09
6731	do.	J. Rueb.....	do.	4 00
6732	do.	W. K. Kelly.....	do.	3 59
6733	do.	A. Shields.....	do.	4 76
6734	do.	G. W. Van Meter.....	do.	4 27
6735	do.	W. C. Welch.....	do.	3 97
6736	do.	T. H. Richardson.....	do.	2 78
6737	do.	I. H. Gordon.....	do.	6 99
6738	do.	E. A. Smith.....	do.	2 55
6739	do.	E. J. Percival.....	do.	4 35
6740	Mar. 20	G. Schiff.....	do.	5 04
6741	do.	R. Smith.....	do.	1 88
6742	do.	A. R. Grindley.....	do.	1 64
6743	do.	H. I. Nelson.....	do.	2 32
6744	do.	G. W. Van Meter.....	do.	4 09
6745	do.	F. H. Busey.....	do.	6 16
6746	do.	W. E. Womacks.....	do.	2 52
6747	do.	Pearl Hazen.....	do.	6 43
6748	do.	W. E. Heyer.....	do.	3 36
6749	do.	C. C. Rayburn.....	do.	5 24
6750	do.	C. Watkins.....	do.	3 47
6751	do.	L. G. Van Buskirk.....	do.	3 78
6752	do.	W. E. Satterfield.....	do.	3 61
6753	do.	J. Jarrett.....	do.	2 69
6754	do.	O. E. Staples, Bursar.....	Sundry bills.....	4 58
6755	do.	O. E. Staples, Bursar.....	Rebates.....	220 25
6756	do.	George Huff.....	Traveling expenses.....	261 78
6757	do.	O. A. Harker.....	do.	18 23
6758	do.	Lehnert & Landrock.....	Specimens.....	12 79
6759	Mar. 24	G. Taylor.....	Dairy products furnished depart- ment of dairy husbandry.....	1 76
6760	do.	I. H. Besore.....	do.	3 29
6761	do.	O. W. Hampton.....	do.	2 61
6762	do.	M. Hudson.....	do.	3 36
6763	do.	A. Dunn.....	do.	6 94
6764	do.	J. E. Henderson.....	do.	3 25
6765	do.	E. Grove.....	do.	6 97
6766	do.	P. P. Dunn.....	do.	4 03
6767	do.	A. Shields.....	do.	4 87
6768	do.	C. R. Hamm.....	do.	4 12
6769	do.	W. J. Wilson.....	do.	3 00
6770	do.	J. A. R. Koch.....	do.	4 84
6771	do.	R. Childers.....	do.	1 85
6772	do.	F. Sheffer.....	do.	4 28
6773	do.	E. W. Smalley.....	do.	6 90
6774	do.	F. Knox.....	do.	3 72
6775	do.	N. Hahn.....	do.	6 86
6776	do.	C. W. Pfeister.....	do.	4 79
6777	do.	F. Elliott.....	do.	4 87
6778	do.	D. Hahn.....	do.	4 90
6779	do.	T. M. Clayton.....	do.	3 08
6780	do.	G. Hobick.....	do.	5 43
6781	do.	L. Wieneke.....	do.	3 44
6782	do.	A. E. Burwash.....	do.	3 86
6783	do.	I. H. Gordon.....	do.	6 33
6784	do.	E. J. Percival.....	do.	2 66
6785	do.	N. Hay.....	Traveling expenses.....	13 54
6786	do.	H. A. Hollister.....	do.	37 19
6787	do.	August Gerher.....	Specimens.....	159 32
6788	do.	Florence Keller.....	Clerical work.....	60 00
6789	do.	J. D. White.....	Postage.....	485 00
6790	do.	E. L. Lyon.....	Dairy products furnished depart- ment of dairy husbandry.....	3 92
6791	do.	T. P. Lyon.....	do.	2 99
6792	do.	C. E. Kelly.....	do.	3 41
6793	do.	J. Rueb.....	do.	4 09
6794	do.	Pearl Hazen.....	do.	3 89
6795	do.	Macy Bros.....	do.	7 70
6796	do.	W. Van Buskirk.....	do.	4 09
6797	do.	A. Kroner.....	do.	4 65
6798	do.	W. L. Davis.....	do.	4 45

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
6799	Mar. 24	C. R. Beavers.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 4 20
6800	..do..	C. A. Fogel.....	..do..	2 87
6801	..do..	R. L. Myers.....	..do..	5 32
6802	..do..	B. Jordan.....	..do..	10 98
6803	..do..	T. F. Jordan.....	..do..	12 21
6804	..do..	A. E. Burwash.....	..do..	3 50
6805	..do..	G. R. Evans.....	..do..	3 19
6806	..do..	C. Ross.....	..do..	6 19
6807	..do..	I. W. Maxwell.....	..do..	5 52
6808	..do..	C., C., C. & St. L. R. R. Co.	Freight.....	1 80
6809	..do..	C., C., C. & St. L. R. R. Co.	..do..	1 39
6810	..do..	C., C., C. & St. L. R. R. Co.	..do..	6 15
6811	..do..	C., C., C. & St. L. R. R. Co.	..do..	8 09
6812	..do..	Wabash R. R. Co.....	..do..	5 06
6813	..do..	Wabash R. R. Co.....	..do..	3 49
6814	..do..	Illinois Traction System.....	..do..	13 52
6815	..do..	C., C., C. & St. L. R. R. Co.	..do..	29 58
6816	..do..	C., C., C. & St. L. R. R. Co.	..do..	91 82
6817	..do..	Wabash R. R. Co.....	..do..	16 96
6818	..do..	Illinois Central R. R. Co.....	..do..	30 59
6819	Mar. 25	C. C. Gordon.....	Dairy products furnished depart- ment of dairy husbandry.....	3 83
6820	..do..	W. F. Hampton.....	..do..	2 88
6821	..do..	R. S. McInness.....	..do..	4 46
6822	..do..	R. T. Lumsden.....	..do..	4 17
6823	..do..	G. F. Diefenbach.....	..do..	1 20
6824	..do..	R. A. Lumsden.....	..do..	1 96
6825	..do..	L. G. Van Buskirk.....	..do..	3 81
6826	..do..	J. A. R. Koch.....	..do..	4 98
6827	..do..	N. Hahn.....	..do..	7 28
6828	..do..	J. D. Pulliam.....	..do..	3 42
6829	..do..	W. E. Womacks.....	..do..	2 63
6830	..do..	W. Case.....	..do..	4 54
6831	..do..	W. E. Yount.....	..do..	3 86
6832	..do..	W. D. Rohl.....	..do..	7 45
6833	..do..	W. E. Satterfield.....	..do..	4 14
6834	..do..	Z. Alsip.....	..do..	3 98
6835	..do..	R. W. Brewer.....	..do..	2 58
6836	..do..	L. Libka.....	..do..	2 58
6837	..do..	T. M. Ghere.....	..do..	4 31
6838	..do..	D. Herriott.....	..do..	2 55
6839	..do..	D. B. White.....	..do..	7 45
6840	..do..	O. A. Foster.....	..do..	3 25
6841	..do..	G. C. Cochran.....	..do..	3 44
6842	..do..	E. B. Resler.....	..do..	3 53
6843	..do..	A. Shields.....	..do..	5 07
6844	..do..	G. W. Van Meter.....	..do..	4 51
6845	..do..	W. C. Welch.....	..do..	3 44
6846	..do..	I. H. Gordon.....	..do..	4 31
6847	..do..	E. J. Percival.....	..do..	3 49
6848	..do..	E. A. Smith.....	..do..	2 07
6849	Mar. 26	University of Chicago Press.....	Catalog cards.....	1 24
6850	..do..	Alfred H. Kimball, Treasurer Federal Council of Churches.....	Books.....	1 02
6851	..do..	Friends' Historical Society.....	Magazine.....	1 25
6852	..do..	Chas. H. Mills.....	Traveling expenses.....	13 14
6853	..do..	General Administration of Royal Mus- eums.....	Specimens.....	200 24
6854	..do..	Edward G. Allen & Son.....	Books.....	49 07
6855	..do..	Martinus Nijhoff.....	..do..	2 02
6856	..do..	American Journal of Physiology.....	..do..	5 50
6857	Mar. 27	A. E. Burwash.....	Dairy products furnished depart- ment of dairy husbandry.....	2 55
6858	..do..	E. V. Percival.....	..do..	4 56
6859	..do..	A. Dunn.....	..do..	7 50
6860	..do..	G. Schiff.....	..do..	4 70
6861	..do..	F. Krugh.....	..do..	3 25
6862	..do..	W. E. Heyer.....	..do..	2 97
6863	..do..	Mary Warner.....	..do..	4 68
6864	..do..	J. H. Rutan.....	..do..	3 61
6865	..do..	J. W. Rayburn.....	..do..	3 58
6866	..do..	J. Freeman.....	..do..	5 74
6867	..do..	G. Hurst.....	..do..	4 20
6868	..do..	E. S. Hayes.....	..do..	3 95
6869	..do..	J. Rueb.....	..do..	3 08
6870	..do..	C. R. Beaver.....	..do..	3 92
6871	..do..	J. Jarrett.....	..do..	3 78
6872	Mar. 28	A. C. McClurg & Co.....	Books.....	42 26

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
6873	Mar. 28	Ernst Hertzberg & Sons.....	Books.....	\$ 1 33
6874	do.	Lemcke & Buechner.....	do.....	10 62
6875	do.	Martinus Nijhoff.....	do.....	6 80
6876	do.	The Boston Book Co.....	do.....	126 00
6877	do.	G. E. Stechert & Co.....	do.....	7 48
6878	Mar. 30	E. Fisher.....	Dairy products furnished depart- ment of dairy husbandry.....	3 47
6879	do.	M. Hudson.....	do.....	2 55
6880	do.	E. Grove.....	do.....	6 80
6881	do.	J. E. Henderson.....	do.....	3 42
6882	do.	P. P. Dunn.....	do.....	3 33
6883	do.	G. Taylor.....	do.....	1 54
6884	do.	G. Diefenbach.....	do.....	1 00
6885	do.	G. Hurst.....	do.....	1 00
6886	do.	A. E. Hayes.....	do.....	1 66
6887	do.	Pearl Hazen.....	do.....	5 48
6888	do.	E. W. Smalley.....	do.....	6 76
6889	do.	W. E. Womacks.....	do.....	2 32
6890	do.	A. Shields.....	do.....	5 07
6891	do.	F. Knox.....	do.....	4 20
6892	do.	C. A. Fogel.....	do.....	2 69
6893	do.	W. J. Wilson.....	do.....	2 66
6894	do.	W. L. Wirt.....	do.....	3 72
6895	do.	T. M. Ghere.....	do.....	3 61
6896	do.	M. Leigh.....	do.....	2 10
6897	do.	J. A. R. Koch.....	do.....	4 70
6898	do.	F. Elliott.....	do.....	4 17
6899	do.	T. M. Clayton.....	do.....	2 77
6900	do.	J. B. Marsh.....	do.....	6 27
6901	do.	F. H. Busey.....	do.....	4 93
6902	do.	E. J. Percival.....	do.....	3 75
6903	do.	C. C. C. & St. L. R. R. Co.....	Freight.....	3 08
6904	do.	C. C. C. & St. L. R. R. Co.....	do.....	3 51
6905	do.	Wabash R. R. Co.....	do.....	18 61
6906	do.	Illinois Central R. R. Co.....	do.....	15 11
6907	do.	C. C. C. & St. L. R. R. Co.....	do.....	70 26
6908	do.	Illinois Traction System.....	do.....	23 79
6909	do.	C. C. C. & St. L. R. R. Co.....	do.....	1 59
6910	do.	Lemcke & Buechner.....	Books.....	6 20
6911	do.	National Child Labor Committee.....	do.....	1 00
6912	do.	Exporters' Encyclo Co.....	do.....	7 50
6913	do.	C. H. Mills.....	Traveling expenses.....	11 24
6914	do.	F. R. Watson.....	do.....	7 85
6915	do.	H. D. Valentine.....	Balance salary, March, 1914.....	30 00
6916	do.	J. H. Beard.....	Hospital services.....	500 00
6917	do.	Mrs. F. E. McClughen.....	Labor.....	16 26
6918	do.	O. E. Staples, Bursar.....	Express bills.....	72 56
6919	do.	O. E. Staples, Bursar.....	Rebates.....	295 87
6920	do.	O. E. Staples, Bursar.....	Sundry bills.....	3 93
6921	Mar. 31	A. R. Grindley.....	Dairy products furnished depart- ment of dairy husbandry.....	4 54
6922	do.	R. Smith.....	do.....	1 99
6923	do.	C. Ross.....	do.....	6 19
6924	do.	B. Jordan.....	do.....	10 95
6925	do.	F. Sheffer.....	do.....	4 09
6926	do.	A. Ekblaw.....	do.....	3 50
6927	do.	R. H. McAllister.....	do.....	4 54
6928	do.	J. P. Yeazel.....	do.....	3 75
6929	do.	J. Cornett.....	do.....	2 21
6930	do.	G. W. Van Meter.....	do.....	4 34
6931	do.	F. Schweineke.....	do.....	5 10
6932	do.	T. F. Jordan.....	do.....	10 58
6933	do.	C. E. Kelly.....	do.....	3 52
6934	do.	A. E. Burwash.....	do.....	4 00
6935	do.	C. J. Von Holten.....	do.....	5 54
6936	do.	J. M. Hammack.....	do.....	3 02
6937	do.	L. R. Sarett.....	Traveling expenses.....	15 79
6938	do.	P. M. Watson.....	do.....	16 83
6939	do.	Benjamin Wham.....	do.....	13 66
6940	do.	Engineering Magazine.....	Incidentals.....	4 18
6941	Apr. 1	William P. Udinsky.....	Loan.....	75 00
6942	Apr. 2	R. Graham.....	Dairy products furnished depart- ment of dairy husbandry.....	7 02
6943	do.	T. N. Burwash.....	do.....	4 76
6944	do.	J. McCullough.....	do.....	4 54
6945	do.	J. Weiss.....	do.....	8 76
6946	do.	R. A. Lumsden.....	do.....	1 96
6947	do.	R. T. Lumsden.....	do.....	1 54
6948	do.	W. F. Hampton.....	do.....	2 77

GENERAL UNIVERSITY VOUCHERS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
6949	1914. Apr. 2	C. C. Gordon.....	Dairy products furnished depart- ment of dairy husbandry .....	\$ 3 00
6950	do.	R. S. McInness.....	do.	3 42
6951	do.	A. Dunn.....	do.	6 41
6952	do.	E. J. Percival.....	do.	5 68
6953	do.	E. F. Lyons.....	do.	4 03
6954	do.	Macy Bros.....	do.	8 60
6955	do.	G. L. Van Buskirk.....	do.	3 36
6956	do.	J. F. Hubbard.....	do.	1 57
6957	do.	W. E. Yount.....	do.	5 96
6958	do.	J. T. Francis.....	do.	4 03
6959	do.	J. Rueb.....	do.	4 14
6960	do.	W. Case.....	do.	3 22
6961	do.	C. C. Rayburn.....	do.	5 74
6962	do.	F. Krukewitt.....	do.	5 91
6963	do.	L. Libka.....	do.	2 35
6964	do.	R. L. Myers.....	do.	4 06
6965	do.	W. E. Satterfield.....	do.	4 26
6966	do.	J. Ridgeley.....	do.	2 41
6967	do.	N. Hahn.....	do.	6 94
6968	do.	T. M. Guynn.....	do.	4 70
6969	do.	C. A. Fogel.....	do.	2 80
6970	do.	G. Hobick.....	do.	5 35
6971	do.	R. W. Brewer.....	do.	2 35
6972	do.	G. W. Van Meter.....	do.	4 62
6973	do.	J. H. Gordon.....	do.	6 27
6974	do.	W. C. Welch.....	do.	3 78
6975	do.	I. W. Maxwell.....	do.	6 58
6976	do.	E. A. Smith.....	do.	2 52
6977	do.	Flora Hayden.....	Nursing.....	68 58
6978	do.	Cecile McKibben.....	do.	91 44
6979	do.	Jessie Conover.....	do.	91 44
6980	do.	Martha Davis.....	do.	80 00
6981	do.	W. L. Frank.....	Wages, March, 1914.....	19 63
6982	do.	O. B. Kircher.....	do.	36 23
6983	do.	L. F. Simpson.....	do.	13 80
6984	do.	G. W. Graves.....	do.	3 20
6985	do.	G. W. Baumgarten.....	do.	6 60
6986	do.	Hjalmar Lundquist.....	do.	24 90
6987	do.	L. S. Linder.....	do.	14 00
6988	do.	R. P. Brown.....	do.	29 40
6989	do.	Reuben W. Peterson.....	do.	11 85
6990	do.	E. D. Lawrence.....	do.	9 90
6991	do.	F. M. Colcord.....	do.	6 80
6992	do.	S. K. Roy.....	do.	3 00
6993	do.	W. B. Felger.....	do.	2 20
6994	do.	J. F. Becker.....	do.	3 00
6995	do.	J. Gould.....	do.	1 00
6996	do.	R. L. Bentley.....	do.	22 00
6997	do.	Roland Brooks.....	do.	19 40
6998	do.	C. E. Hughes.....	do.	17 50
6999	do.	B. M. Kisselberg.....	do.	15 75
7000	do.	I. M. McConnell.....	do.	22 25
7001	do.	O. M. McGhee.....	do.	30 80
7002	do.	J. P. Miles.....	do.	15 00
7003	do.	I. J. Reinhart.....	do.	19 00
7004	do.	E. C. Secor.....	do.	17 50
7005	do.	W. E. Cummins.....	do.	22 80
7006	do.	Elliott Billman.....	do.	14 40
7007	do.	T. G. Lewis.....	do.	15 00
7008	do.	D. R. Grigg.....	do.	15 40
7009	do.	Edna Millizen.....	do.	5 60
7010	do.	Mrs. A. L. Hallquest.....	do.	8 20
7011	do.	Isabella Anderson.....	do.	13 80
7012	do.	Olive Paine.....	do.	24 90
7013	do.	Edith Mann.....	do.	9 60
7014	do.	Ruth Halliday.....	do.	22 80
7015	do.	O. W. Allen.....	do.	17 20
7016	do.	J. C. Colbert.....	do.	21 60
7017	do.	A. P. Kelley.....	do.	29 00
7018	do.	Harriet Berninger.....	do.	4 00
7019	do.	Martha Larson.....	do.	24 00
7020	do.	Madge Myers.....	do.	8 00
7021	do.	O. R. Clements.....	do.	6 20
7022	do.	Elizabeth Dunn.....	do.	12 60
7023	do.	W. C. Ropiequet.....	do.	7 60
7024	do.	C. G. Stearns.....	do.	6 00
7025	do.	R. H. Brooks.....	do.	31 10
7026	do.	C. C. Foulke.....	do.	30 00



## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
7027	Apr. 2	J. W. Brown.....	Wages, March, 1914.....	\$18 10
7028	do.	F. M. Colcord.....	do.	10 60
7029	do.	J. Gould.....	do.	6 40
7030	do.	W. R. Morrison.....	do.	27 20
7031	do.	E. U. Rugg.....	do.	31 50
7032	do.	H. W. Thurston.....	do.	20 20
7033	do.	B. Wham.....	do.	8 40
7034	do.	Stella Galpin.....	do.	10 00
7035	do.	A. Bagusin.....	do.	19 00
7036	do.	Amy Henshaw.....	do.	8 00
7037	do.	Helen Stilwell.....	do.	7 00
7038	do.	Gladys Leonard.....	do.	7 80
7039	do.	Amanda Hacker.....	do.	4 00
7040	do.	J. K. Primm.....	do.	9 55
7041	do.	G. C. Rice.....	do.	14 90
7042	do.	Esther Hurst.....	do.	26 00
7043	do.	C. P. Barkman.....	do.	20 50
7044	do.	J. H. Gage.....	do.	7 00
7045	do.	Denton Magruder.....	do.	21 70
7046	do.	Newman Romero.....	do.	39 75
7047	do.	S. Winguist.....	do.	7 70
7048	do.	H. E. Bigler.....	do.	5 60
7049	do.	Nob Inagaki.....	do.	30 90
7050	do.	H. P. Greison.....	do.	22 75
7051	do.	Katherine MacIntyre.....	do.	25 50
7052	do.	Max Taylor.....	do.	21 00
7053	do.	C. H. Apple.....	do.	13 50
7054	do.	Erle Cavette.....	do.	41 75
7055	do.	Kenneth Brown.....	do.	25 00
7056	do.	S. D. Harwood.....	do.	33 50
7057	do.	B. L. Sterenberg.....	do.	18 75
7058	do.	Geo. Hedrick.....	do.	18 75
7059	do.	N. C. Seidenberg.....	do.	25 00
7060	do.	R. M. Stevens.....	do.	29 00
7061	do.	R. D. V. Castle.....	do.	31 13
7062	do.	Pauline Groves.....	do.	10 00
7063	do.	Mary F. Savage.....	do.	12 30
7064	do.	Ivan Traxler.....	do.	22 75
7065	do.	Frank Leggitt.....	do.	22 75
7066	do.	E. W. Hitchcock.....	do.	22 75
7067	do.	M. H. Campbell.....	do.	28 70
7067	do.	E. G. Howe, Jr.....	do.	14 69
7069	do.	M. J. Falletti.....	do.	19 80
7070	do.	H. E. Barden.....	do.	15 00
7071	do.	C. W. Clover.....	do.	16 80
7072	do.	D. R. Leighty.....	do.	14 20
7073	do.	Nathan Meltz.....	do.	15 80
7074	do.	R. H. Nixon.....	do.	17 20
7075	do.	B. H. Questel.....	do.	13 00
7076	do.	G. W. Salsbury.....	do.	18 80
7077	do.	R. T. Shaffer.....	do.	18 80
7078	do.	Charles R. Gidson.....	do.	18 00
7079	do.	W. G. Proctor.....	do.	15 80
7080	do.	Phillip Udinsky.....	do.	18 00
7081	do.	Basil Brown.....	do.	67 68
7082	do.	D. M. Bullock.....	do.	62 33
7083	do.	Ross Hutton.....	do.	62 79
7084	do.	Fred Langhoff.....	do.	64 17
7085	do.	O. E. Meenach.....	do.	59 69
7086	do.	H. H. Mahorney.....	do.	67 16
7087	do.	A. Servis.....	do.	67 39
7088	do.	Geo. Toy.....	do.	64 63
7089	do.	Geo. Truner.....	do.	64 63
7090	do.	Ed. Wharmby.....	do.	70 15
7091	do.	Margaret Jones.....	do.	44 20
7092	do.	Frances E. McClughen.....	do.	44 20
7093	do.	Rebecca Morgan.....	do.	44 20
7094	do.	Mary Ryan.....	do.	42 50
7095	do.	W. M. Atwell.....	do.	57 33
7096	do.	C. E. Arrington.....	do.	44 10
7097	do.	Harry Brown.....	do.	57 96
7098	do.	J. E. Bailey.....	do.	56 91
7099	do.	J. E. Browning.....	do.	62 00
7100	do.	R. S. Carson.....	do.	60 20
7101	do.	J. W. Cheever.....	do.	52 00
7102	do.	B. F. English.....	do.	66 01
7103	do.	C. Y. Freeman.....	do.	6 69
7104	do.	J. J. Fiscus.....	do.	62 56
7105	do.	W. H. Graybeal.....	do.	65 10

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
7106	Apr. 2	V. S. Glenn	Wages, March, 1914	\$ 53 00
7107	do.	David Glenn	do.	52 00
7108	do.	F. F. Hoover	do.	60 94
7109	do.	L. T. Heinz	do.	62 00
7110	do.	C. C. Johnson	do.	65 10
7111	do.	A. C. Litton	do.	63 84
7112	do.	Roy Lewis	do.	53 40
7113	do.	C. P. Moore	do.	55 60
7114	do.	J. E. Morgan	do.	10 00
7715	do.	C. M. Miller	do.	55 86
7116	do.	D. T. Moody	do.	53 60
7117	do.	Jas. McCullough	do.	60 94
7118	do.	U. G. May	do.	53 00
7119	do.	Forrest Mock	do.	57 80
7120	do.	B. F. McDaniel	do.	57 40
7121	do.	Jacob Nikolaus	do.	65 10
7122	do.	Nick Peterson	do.	53 00
7123	do.	J. F. Purkins	do.	49 50
7124	do.	C. A. Surbaugh	do.	48 00
7125	do.	H. L. Thomson	do.	38 00
7126	do.	L. M. Stearns	do.	65 10
7127	do.	O. J. Utterback	do.	54 40
7128	do.	P. T. Walters	do.	53 00
7129	do.	Dan Meneeley	do.	57 96
7130	do.	John Aschermann	do.	43 60
7131	do.	Tim Kenney	do.	41 80
7132	do.	M. E. Roberts	do.	54 20
7133	do.	Roy Tatlock	do.	53 40
7134	do.	Orval Snook	do.	52 08
7135	do.	A. L. Collins	do.	57 20
7136	do.	F. T. Franklin	do.	65 10
7137	do.	I. F. Tillotson	do.	70 50
7138	do.	Howard Downing	do.	58 28
7139	do.	J. B. Hickey	do.	31 00
7140	do.	Harry Higgins	do.	88 20
7141	do.	W. A. Boyce	do.	91 00
7142	do.	P. L. Levick	do.	60 67
7143	do.	Guy Fox	do.	81 33
7144	do.	John Miller	do.	110 92
7145	do.	A. Warmbier	do.	84 90
7146	do.	Harry Clifford	do.	83 30
7147	do.	John Brannigan	do.	82 95
7148	do.	Owen Gilley	do.	56 40
7149	do.	Jesse Meyers	do.	62 33
7150	do.	W. J. Langhoff	do.	61 64
7151	do.	S. A. Porter	do.	84 00
7152	do.	C. A. Dunseth	do.	77 60
7153	do.	J. B. Doll	do.	44 80
7154	do.	W. J. Smith	do.	119 72
7155	do.	Frank Clancy	do.	110 22
7156	do.	Roy Crawford	do.	53 60
7157	do.	Thos. J. Fay	do.	96 10
7158	do.	E. C. Lewis	do.	77 49
7159	do.	Frank Stateler	do.	72 38
7160	do.	Thos. Long	do.	81 81
7161	do.	Jos. Davis	do.	71 61
7162	do.	J. A. J. Klien	do.	71 61
7163	do.	Wm. Quinn	do.	54 60
7164	do.	Howard F. Fabert	do.	68 20
7165	do.	Frank Cunningham	do.	110 50
7166	do.	Sell Hamlin	do.	52 00
7167	do.	M. A. Simerl	do.	73 40
7168	do.	Gilbert Robbins	do.	48 20
7169	do.	F. Crathorne	do.	84 50
7170	do.	A. Langhoff	do.	84 50
7171	do.	V. R. Barnes	do.	91 60
7172	do.	M. C. Bocher	do.	88 40
7173	do.	A. J. Booker	do.	84 00
7174	do.	J. C. Fiscus	do.	80 40
7175	do.	Chas. Hill	do.	96 76
7176	do.	J. D. Craig	do.	82 00
7177	do.	Martin Sandwell	do.	84 00
7178	do.	A. C. Speedie	do.	84 80
7179	do.	Wesley Wilson	do.	86 00
7180	do.	Amos Wright	do.	80 80
7181	do.	J. H. Vandiventer	do.	84 00
7182	do.	Wm. Templin	do.	89 25

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
7183	1914.	2 M. Campbell.	Wages, March, 1914.	\$ 42 00
Apr. do.	do.	Wm. Fogarty.	do.	53 00
7184	do.	Frank Fogarty.	do.	54 60
7185	do.	Samuel Hanson.	do.	71 25
7186	do.	E. J. Hargen.	do.	68 38
7187	do.	W. G. Hixon.	do.	52 40
7188	do.	Frank Irvine.	do.	72 60
7189	do.	Jas. Irvine.	do.	55 86
7190	do.	A. Moran.	do.	58 80
7191	do.	Ben L. Reed.	do.	70 00
7192	do.	J. C. Snider.	do.	54 60
7193	do.	E. W. Justus.	do.	108 00
7194	do.	J. R. Newton.	do.	73 68
7195	do.	Ed Richards.	do.	104 16
7196	do.	John Ceduskey.	do.	63 36
7197	do.	Louie Fender.	do.	73 92
7198	do.	J. F. Long.	do.	75 81
7199	do.	A. J. McAlister.	do.	79 92
7200	do.	Fred Fender.	do.	79 50
7201	do.	A. C. Wascher.	do.	87 60
7202	do.	A. L. Shriver.	do.	74 00
7203	do.	Wm. Wilde.	do.	97 34
7204	do.	Geo. Boyer.	do.	74 76
7205	do.	Thos. Butler.	do.	65 78
7206	do.	Herman Fechttruph.	do.	70 80
7207	do.	Lee McMillon.	do.	74 40
7208	do.	Chas. Wilson.	do.	49 00
7209	do.	T. E. Wells.	do.	62 80
7210	do.	John Cooley.	do.	42 40
7211	do.	Marion E. Sparks.	do.	15 00
7212	do.	M. T. Lindsay.	do.	27 25
7213	do.	Mollie B. Frazier.	do.	25 00
7214	do.	Marion E. Sparks.	do.	27 50
7215	do.	G. F. Sutherland.	do.	9 75
7216	do.	W. C. Rappleye.	do.	23 25
7217	do.	Mollie Frazier.	do.	11 00
7218	do.	R. R. Danielson.	do.	25 00
7219	do.	C. L. Waldrick.	do.	25 00
7220	do.	Verna Manley.	do.	45 00
7221	do.	T. D. Bullock.	do.	24 80
7222	do.	Thos. Lyons.	do.	62 00
7223	do.	C. E. Mattoon.	do.	42 00
7224	do.	W. W. Trimble.	do.	36 00
7225	do.	I. L. Jacobson.	do.	30 00
7226	do.	M. J. Palletti.	do.	19 80
7227	do.	Edwin Romeiser.	do.	17 26
7228	do.	Mance Campbell.	do.	48 00
7229	do.	Albert Bradford.	do.	77 22
7230	do.	Mark Small.	do.	60 00
7231	do.	M. C. Weaver.	do.	85 00
7232	do.	J. E. Shipley.	do.	52 00
7233	do.	G. A. Brumley.	do.	53 00
7234	do.	E. E. Fast.	do.	11 61
7235	do.	G. E. Jaquet.	do.	10 32
7236	do.	B. Doyle.	do.	8 71
7237	do.	W. A. Hooker.	do.	4 05
7238	do.	C. Wecker.	do.	10 80
7239	do.	W. H. Boyer.	do.	16 00
7240	do.	F. C. Wilson.	do.	41 60
7241	do.	Oscar L. Hunt.	do.	41 60
7242	do.	S. T. Wallace.	do.	18 63
7243	do.	Ruthie Murphey.	do.	60 32
7244	do.	F. M. Perry.	do.	30 40
7245	do.	T. O. Henderson.	do.	30 40
7246	do.	Arthur Brining.	do.	29 10
7247	do.	A. Bavis.	do.	37 05
7248	do.	Cecilia Carothers.	do.	24 62
7249	do.	L. C. Bernard.	do.	27 30
7250	do.	Arthur Odell.	do.	23 74
7251	do.	M. Russell Davis.	do.	27 30
7252	do.	M. E. Slater.	do.	25 50
7253	do.	Arthur Semple.	do.	17 00
7254	do.	P. D. Jenks.	do.	17 55
7255	do.	H. P. Kelley.	do.	13 50
7256	do.	Bertam Abney.	do.	12 25
7257	do.	W. F. Campbell.	do.	22 84
7258	do.	Henry Miner.	do.	14 90
7259	do.	Chas. Rehling.	do.	
7260	do.	Arthur Semple.	do.	
7261	do.		do.	

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
7262	Apr. 2	P. H. VanWinkle	Wages, March, 1914	\$ 11 80
7263	do	Herman Dale	do	15 92
7264	do	F. W. Farley	do	23 63
7265	do	W. R. Jones	do	37 80
7266	do	W. C. Kolmer	do	12 34
7267	do	E. E. McFarland	do	16 00
7268	do	John Munson	do	31 06
7269	do	F. W. Newman	do	14 13
7270	do	H. B. Randolph	do	12 50
7271	do	S. C. Skemp	do	32 00
7272	do	Stanley Wilkins	do	14 20
7273	do	E. W. Zeppenfeld	do	14 26
7274	do	O. R. Zipf	do	15 93
7275	do	C. R. Nickolls	do	37 62
7276	do	M. G. Silver	do	27 30
7277	do	C. M. Crain	do	7 00
7278	do	O. R. Clements	do	12 50
7279	do	Rosa P. Chiles	do	30 60
7280	do	Elizabeth Beyer	do	18 12
7281	do	G. H. Lindsey	do	22 25
7282	do	Lewis Linder	do	10 00
7283	do	C. F. Hill	do	10 00
7284	do	J. K. Tuthill	do	25 41
7285	do	Hubert Jessen	do	26 00
7286	do	F. H. Kelley	do	16 10
7287	do	O. E. Staples, Bursar	Sundry bills	34 21
7288	do	O. E. Staples, Bursar	Express	46 93
7289	do	O. E. Staples, Bursar	Rebates	107 00
7290	do	O. E. Staples, Bursar	Sundry bills	50 00
7291	Apr. 3	P. J. Petersen	Dairy products furnished depart- ment of dairy husbandry	5 00
7292	do	A. J. Bragger	do	5 25
7293	do	C. L. Jacobsen	do	2 05
7294	do	Richmond Bros. Co	do	5 00
7295	do	W. P. Gilbert	do	4 80
7296	do	Ferdinand Grimm	do	2 00
7297	do	J. R. Newberry	do	7 32
7298	do	M. E. Simonsen	do	7 68
7299	do	A. J. Spohn	do	7 75
7300	do	H. W. VanDyke	do	4 70
7301	do	Wm. Heffer & Sons, Ltd.	Books	39 94
7302	do	Henry Sotheran & Co	do	40 53
7303	do	Max Weg	do	108 54
7304	do	Gustav Fock	do	496 07
7305	do	Otto Harrassowitz	do	67 42
7306	do	Henry Gray	do	2 05
7307	do	V. T. Stevens	Traveling expenses	13 93
7308	do	E. Gallieron & Son	Spectimens	128 80
7309	do	Franz Kyllrich	Furniture	7 63
7310	do	J. Ricker	Books	11 10
7311	do	Alfred Lorentz	do	1 23
7312	do	Bernard Quaritch	do	61 00
7313	do	Joseph Baer & Co	do	7 45
7314	do	John Grant	do	22 26
7315	do	Bernh. Liebisch	do	2 58
7316	do	Oswald Wiegel	do	33 62
7317	do	Museum Book Store	do	17 05
7318	do	J. Lacoste	do	18 67
7319	do	James Thin	do	3 45
7320	do	G. E. Stechert & Co.	do	20 00
7321	do	Moody Manual Co.	do	20 00
7322	do	L. V. Burton	Salary, February and March	60 00
7323	do	J. D. White	Postage	275 00
7324	Apr. 4	E. F. Murphey	Wages, March, 1914	28 81
7325	do	Berger Stockfleth	do	2 00
7326	do	P. J. Nilsen	do	3 25
7327	do	J. L. Simonich	do	3 63
7328	do	H. W. MacKechine	do	1 56
7329	do	J. C. Palmer	do	5 70
7330	do	Clint Sayre	do	19 35
7331	do	A. J. Corson	do	50 30
7332	do	E. P. Brentlinger	do	54 00
7333	do	Chas. Pollard	do	50 00
7334	do	C. W. Buckler	do	15 07
7335	do	Roy S. Lundin	do	11 50
7336	do	H. Mohlman	do	14 60
7337	do	J. F. Hannah	do	63 40
7338	do	Paul Davis	do	29 40
7339	do	L. D. Burt	do	14 30

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
7340	Apr. 4	H. D. Brown.....	Wages, March, 1914.....	\$ 12 42
7341	do.	Marie Haltom.....	do.	27 75
7342	do.	Lucy Lowe.....	do.	43 25
7343	do.	H. T. Reeves.....	do.	23 32
7344	do.	A. L. Sowers.....	do.	104 00
7345	do.	M. W. Busey.....	Clerk hire.....	150 00
7346	do.	F. N. Blakeslee.....	Clerical work.....	6 00
7347	do.	The Chester Transfer Co.....	Limousine hire.....	4 00
7348	Apr. 6	E. Grove.....	Dairy products furnished depart- ment of dairy husbandry.....	6 12
7349	do.	J. E. Henderson.....	do.	2 91
7350	do.	G. Schiff.....	do.	5 10
7351	do.	T. P. Lyon.....	do.	1 27
7352	do.	P. P. Dunn.....	do.	3 99
7353	do.	A. Dunn.....	do.	3 55
7354	do.	G. Taylor.....	do.	1 24
7355	do.	A. R. Grindley.....	do.	2 97
7356	do.	E. J. Percival.....	do.	1 82
7357	do.	M. Hudson.....	do.	2 05
7358	do.	G. O. McMorris.....	do.	3 86
7359	do.	W. E. Womacks.....	do.	2 35
7360	do.	A. E. Burwash.....	do.	2 44
7361	do.	G. W. VanMeter.....	do.	4 23
7362	do.	W. J. Kelly.....	do.	3 04
7363	do.	R. L. Wirt.....	do.	4 28
7364	do.	D. H. Green.....	do.	3 11
7365	do.	D. B. White.....	do.	5 85
7366	do.	S. H. Busey.....	do.	3 00
7367	do.	S. G. Richards.....	do.	1 40
7368	do.	W. L. Davis.....	do.	4 34
7369	do.	Pearl Hazen.....	do.	3 42
7370	do.	J. Rueb.....	do.	2 88
7371	do.	W. VanBuskirk.....	do.	3 53
7372	do.	H. Allison.....	do.	3 33
7373	do.	H. Cherry.....	do.	4 79
7374	do.	G. C. Cochran.....	do.	4 02
7375	do.	C. Watkins.....	do.	2 91
7376	do.	A. Shields.....	do.	4 96
7377	do.	A. C. Krukewitt.....	do.	5 26
7378	do.	L. Libk.....	do.	2 43
7379	do.	T. M. Ghere.....	do.	4 76
7380	do.	F. Elliott.....	do.	3 95
7381	do.	W. D. Rohl.....	do.	10 44
7382	do.	J. B. Marsh.....	do.	5 85
7383	do.	J. W. Rayburn.....	do.	2 63
7384	do.	C. A. Fogel.....	do.	2 89
7385	do.	T. M. Clayton.....	do.	2 73
7386	do.	J. A. R. Koch.....	do.	4 39
7387	do.	R. P. Hayes.....	do.	1 90
7388	do.	F. W. Howell.....	do.	2 57
7389	do.	C. W. Pfeister.....	do.	4 38
7390	do.	J. Freeman.....	do.	5 38
7391	do.	Macy Bros.....	do.	8 85
7392	do.	L. H. Gordon.....	do.	3 61
7393	do.	J. Garrett.....	do.	3 86
7394	do.	C. C. & St. L. Ry. Co.....	Freight.....	22 93
7395	do.	Illinois Central R. R. Co.....	do.	1 62
7396	do.	Wabash R. R.....	do.	17 85
7397	do.	P. M. Hart.....	Wages, March, 1914.....	11 40
7398	do.	C. A. Miller.....	do.	9 50
7399	do.	H. R. Richardson.....	do.	13 25
7400	do.	P. J. Sweeney.....	do.	4 40
7401	do.	E. C. Williams.....	do.	7 40
7402	do.	H. R. Tear.....	do.	8 00
7403	do.	R. A. Horning.....	do.	40 00
7404	do.	A. P. Grout.....	do.	112 08
7405	do.	Chicago Paper Co.....	Office supplies.....	57 86
7406	do.	The Sefton Mfg. Co.....	General supplies.....	10 46
7407	do.	A. L. Randall Co.....	do.	3 40
7408	do.	J. M. Lindgren.....	Coal analyses.....	72 50
7409	Apr. 7	E. J. Percival.....	Dairy products furnished depart- ment of dairy husbandry.....	3 67
7410	do.	Pearl Hazen.....	do.	3 42
7411	do.	G. R. Evans.....	do.	3 28
7412	do.	F. Knox.....	do.	3 98
7413	do.	C. C. Coulter.....	do.	2 73
7414	do.	R. L. Myers.....	do.	3 89
7415	do.	B. Jordan.....	do.	11 65
7416	do.	T. F. Jordan.....	do.	9 97

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
7417	Apr. 7	W. L. Davis.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 3 75
7418	do.	E. B. Resler.....	do.	3 36
7419	do.	C. E. Kelly.....	do.	3 42
7420	do.	G. Hurst.....	do.	3 72
7421	do.	A. Shields.....	do.	5 32
7422	do.	E. W. Smalley.....	do.	5 78
7423	do.	Jos. M. Hammock.....	do.	3 53
7424	do.	C. Ross.....	do.	5 54
7425	do.	A. E. Burwash.....	do.	3 86
7426	do.	O'Byrne Transfer & Storage Co.	Hauling.....	12 20
7427	do.	J. Horace McFarland Co.	Printing.....	40 00
7428	do.	Bernard Quaritch.....	Books.....	15 55
7429	do.	Gustav Fock.....	do.	4 90
7430	do.	D. Anderson.....	Furniture.....	8 30
7431	do.	Florence E. Watson.....	Traveling expenses.....	13 59
7432	do.	LaVerne Merdith.....	Wages, March, 1913.....	10 90
7433	Apr. 8	O. E. Staples, Bursar.....	Express.....	10 82
7434	do.	O. E. Staples, Bursar.....	Rebates to students.....	83 75
7435	do.	O. E. Staples, Bursar.....	Labor.....	27 50
7436	do.	O. E. Staples, Bursar.....	Sundry bills.....	6 65
7437	do.	University Club of Urbana & Champaign	Entertainment.....	4 00
7438	do.	C. F. Miller.....	Laboratory supplies.....	3 95
7439	do.	C. C. Killer.....	Furniture.....	2 67
7440	do.	W. W. Lindley.....	Postage.....	50 00
7441	do.	W. W. Lindley.....	Prepayment postage.....	50 00
7442	do.	Gustav Fock.....	Books.....	1,456 40
7443	do.	Ida Luther.....	Wages, March, 1914.....	22 50
7444	Apr. 9	R. T. Lumsden.....	Dairy products furnished depart- ment of dairy husbandry.....	2 69
7445	do.	C. C. Gordon.....	do.	3 72
7446	do.	E. A. Smith.....	do.	1 79
7447	do.	R. A. Lumsden.....	do.	1 62
7448	do.	W. F. Hampton.....	do.	2 88
7449	do.	R. S. McInness.....	do.	3 05
7450	do.	A. Dunn.....	do.	6 27
7451	do.	W. D. Rohl.....	do.	4 84
7452	do.	R. H. Brewer.....	do.	2 41
7453	do.	C. A. Fogel.....	do.	3 19
7454	do.	Z. Alsip.....	do.	3 50
7455	do.	W. J. Wilson.....	do.	2 24
7456	do.	W. E. Satterfield.....	do.	4 14
7457	do.	J. A. R. Koch.....	do.	4 93
7458	do.	W. E. Yount.....	do.	4 48
7459	do.	J. Rueb.....	do.	5 12
7460	do.	G. W. VanMeter.....	do.	4 06
7461	do.	T. M. Clayton.....	do.	3 11
7462	do.	W. Case.....	do.	2 91
7463	do.	J. Ridgeley.....	do.	2 24
7464	do.	C. R. Beavers.....	do.	3 39
7465	do.	O. A. Foster.....	do.	3 53
7466	do.	S. G. Richards.....	do.	2 24
7467	do.	I. H. Gordon.....	do.	3 84
7468	do.	W. C. Welch.....	do.	4 09
7469	Apr. 9	I. D. Allison.....	Wages, March, 1914.....	63 36
7470	do.	L. A. Griffith.....	do.	50 00
7471	do.	L. E. Knorr.....	Traveling expenses.....	11 00
7472	do.	Carl Stephens.....	Wages, March, 1914.....	25 00
7473	Apr. 10	H. I. Nelson.....	Dairy products furnished depart- ment of dairy husbandry.....	2 24
7474	do.	G. Schiff.....	do.	6 52
7475	do.	A. R. Grindley.....	do.	2 40
7476	do.	E. F. Lyon.....	do.	3 81
7477	do.	C. Plottner.....	do.	4 56
7478	do.	F. L. Krugh.....	do.	3 00
7479	do.	A. E. Burwash.....	do.	3 25
7480	do.	G. W. VanMeter.....	do.	4 82
7481	do.	W. E. Womacks.....	do.	2 44
7482	do.	Mary Warner.....	do.	5 21
7483	do.	L. G. VanBuskirk.....	do.	3 19
7484	do.	N. Hahn.....	do.	7 11
7485	do.	A. Shields.....	do.	5 46
8486	do.	I. W. Maxwell.....	do.	8 99
7487	do.	J. T. Francis.....	do.	3 67
7488	do.	J. Garrett.....	do.	3 98
7489	do.	C. A. Houlthouwer.....	do.	3 30
7490	Apr. 11	F. G. Blair.....	Traveling expenses.....	5 10
7491	do.	The Cleveland Grain Co.	Feeding Stuffs.....	1,050 00

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
7492	Apr. 13	T. P. Lyon.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 1 12
7493	..do....	E. Grove.....	..do.....	5 85
7494	..do....	E. V. Percival.....	..do.....	1 20
7495	..do....	R. Smith.....	..do.....	2 58
7496	..do....	H. Giltner.....	..do.....	2 18
7497	..do....	O. W. Hampton.....	..do.....	3 33
7498	..do....	A. Dunn.....	..do.....	3 44
7499	..do....	J. E. Henderson.....	..do.....	3 36
7500	..do....	P. P. Dunn.....	..do.....	4 42
7501	..do....	T. M. Ghere.....	..do.....	4 70
7502	..do....	J. Freeman.....	..do.....	2 63
7503	..do....	C. A. Fogel.....	..do.....	3 02
7504	..do....	F. Sheffer.....	..do.....	4 20
7505	..do....	F. Elliott.....	..do.....	4 00
7506	..do....	W. E. Yount.....	..do.....	4 70
7507	..do....	W. E. Womacks.....	..do.....	2 86
7508	..do....	D. Hahn.....	..do.....	4 96
7509	..do....	E. S. Hayes.....	..do.....	3 72
7510	..do....	L. J. Wienke.....	..do.....	2 24
7511	..do....	G. Hobick.....	..do.....	5 24
7512	..do....	C. C. Rayburn.....	..do.....	4 93
7513	..do....	C. W. Pfeister.....	..do.....	4 00
7514	..do....	W. E. Heyer.....	..do.....	3 84
7515	..do....	F. H. Busey.....	..do.....	3 44
7516	..do....	I. H. Gordon.....	..do.....	3 86
7517	..do....	T. H. Richardson.....	..do.....	1 99
7518	..do....	C. J. VonHolten.....	..do.....	4 26
7519	..do....	J. Hammack.....	..do.....	3 61
7520	..do....	E. J. Percival.....	..do.....	3 30
7521	..do....	Illinois Traction System.....	Freight.....	9 00
7522	..do....	C. C., C. & St. L. Ry. Co.....	..do.....	40 23
7523	..do....	C. C., C. & St. L. Ry. Co.....	..do.....	4 00
7524	..do....	C. C., C. & St. L. Ry. Co.....	..do.....	2 23
7525	..do....	C. C., C. & St. L. Ry. Co.....	..do.....	2 85
7526	..do....	C. C., C. & St. L. Ry. Co.....	..do.....	2 19
7527	..do....	Wm. Parton.....	Field expenses.....	17 50
7528	..do....	Gilbert B. Geiger.....	Refund.....	25 00
7529	..do....	J. E. Poole.....	Traveling expenses.....	8 94
7530	..do....	Pressed Prism Plate Glass Co.....	Building materials.....	25 13
7531	..do....	Pantagraph Printing & Stationery Co.....	Printing.....	195 03
7532	..do....	J. Horace McFarland Co.....	..do.....	1, 121 72
7533	..do....	S. C. Wilson & Co.....	General supplies.....	22 70
7534	Apr. 14	A. Kroch & Co.....	Books.....	400 20
7535	..do....	E. F. Lyon.....	Dairy products furnished depart- ment of dairy husbandry.....	2 63
7536	..do....	O. A. McInnes.....	..do.....	2 74
7537	..do....	R. L. Myers.....	..do.....	4 73
7538	..do....	R. L. Wirt.....	..do.....	4 28
7539	..do....	S. G. Richards.....	..do.....	2 30
7540	..do....	C. R. Beaver.....	..do.....	4 09
7541	..do....	J. Rueb.....	..do.....	4 54
7542	..do....	A. Shields.....	..do.....	5 43
7543	..do....	R. H. McAllister.....	..do.....	4 14
7544	..do....	C. Ross.....	..do.....	8 18
7545	..do....	B. Jordan.....	..do.....	14 22
7546	..do....	T. F. Jordan.....	..do.....	12 66
7547	..do....	W. E. Smalley.....	..do.....	6 16
7548	..do....	A. E. Burwash.....	..do.....	3 72
7549	..do....	O. E. Staples, Bursar.....	Express.....	10 85
7550	..do....	O. E. Staples, Bursar.....	Rebates.....	63 60
7551	..do....	O. E. Staples, Bursar.....	Sundry bills.....	48 77
7552	..do....	O. E. Staples, Bursar.....	..do.....	2 52
7553	..do....	J. D. White.....	Postage.....	530 00
7554	..do....	A. L. Randall Co.....	General supplies.....	10 45
7555	..do....	W. F. Gephart.....	Traveling expenses.....	12 14
7556	..do....	Jolly, Wieland & Richardson Co.....	Supplies.....	52 43
7557	..do....	Illinois State Reformatory.....	Printing.....	460 25
7558	Apr. 15	David Kinley.....	Traveling expenses.....	16 34
7559	..do....	Courtenay Barber.....	..do.....	8 30
7560	..do....	Chicago Live Stock World.....	Subscription.....	1 33
7561	..do....	A. L. Randall Co.....	General supplies.....	2 78
7562	..do....	O. E. Staples, Bursar.....	Sundry bills.....	44 66
7563	..do....	O. E. Staples, Bursar.....	Express.....	1 69
7564	..do....	O. E. Staples, Bursar.....	..do.....	50 57
7565	..do....	Herrick & Stoltey.....	Livery.....	3 00
7566	..do....	A. Dunn.....	Dairy products furnished depart- ment of dairy husbandry.....	3 44
7567	..do....	G. F. Diefenbach.....	..do.....	1 82

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
7568	Apr. 15	R. S. McInnes	Dairy products furnished department of dairy husbandry	\$ 3 36
7569	do	C. C. Gordon	do	4 40
7570	do	R. T. Lumsden	do	2 69
7571	do	R. A. Lumsden	do	2 41
7572	do	W. F. Hampton	do	2 58
7573	do	M. Hudson	do	4 00
7574	do	W. D. Rohl	do	7 17
7575	do	W. Case	do	2 86
7576	do	J. H. Rutan	do	3 25
7577	do	D. B. White	do	5 04
7578	do	F. W. Howell	do	4 79
7579	do	John Bahlow	do	3 58
7580	do	W. J. Kelly	do	3 15
7581	do	R. H. Brewer	do	2 74
7582	do	N. Hahn	do	3 78
7583	do	G. W. VanMeter	do	9 02
7584	do	Pearl Hazen	do	5 36
7585	do	H. Allison	do	3 67
7586	do	W. E. Satterfield	do	4 48
7587	do	J. A. R. Koch	do	5 10
7588	do	L. Libka	do	2 46
7589	do	G. O. McMorris	do	2 91
7590	do	J. B. Marsh	do	6 19
7591	do	W. E. Yount	do	6 24
7592	do	T. Green	do	2 74
7593	do	J. D. Pulliam	do	2 74
7594	do	W. E. Womacks	do	2 30
7595	do	T. M. Clayton	do	2 35
7596	do	I. H. Gordon	do	5 99
7597	do	W. C. Welch	do	4 23
7598	do	E. A. Smith	do	2 74
7599	do	E. J. Percival	do	5 37
7600	Apr. 16	J. McCullough	do	2 41
7601	do	J. Weiss	do	7 76
7602	do	R. Graham	do	5 66
7603	do	Macy Bros.	do	8 85
7604	do	S. Atchison	do	2 24
7605	do	W. L. Abbott	Traveling expenses	19 29
7606	do	Oreste Bertani	Books	8 25
7607	do	Dultz & Co.	Laboratory supplies	1 32
7608	do	Royal Library	Books	2 85
7609	do	The Artists Illustrators, Ltd.	do	5 25
7610	do	Ciarvelli Leopoldo	do	3 51
7611	do	The University Press	do	3 85
7612	do	W. W. Lindley	Postage	2 05
7613	do	Postal Telegraph Cable Co.	Telegraph service	15 45
7614	Apr. 17	The University of the State of New York	General supplies	2 48
7615	do	John E. Scopes & Co.	Books	10 20
7616	do	Wm. J. Gerhard	do	28 30
7617	do	Goodspeed's Book Shop	do	11 50
7618	do	Pompeo Sahsaihi	do	10 44
7619	do	Cesare Sartoretii	do	1 70
7620	Apr. 18	T. A. Guilford	Rentals	8 50
7621	Apr. 20	Otto Harrassowitz	Books	2 21
7622	do	Thos Baker	do	14 33
7623	do	Bernard Quaritch	do	357 80
7624	do	W. M. Downing	do	14 30
7625	do	W. Heffer & Sons	do	21 07
7626	do	John Davis	do	1 60
7627	do	Hermann Boker & Co.	Laboratory supplies	1 37
7628	do	Paul Gottschalk	Books	5 10
7629	do	Martinus Nijhoff	do	11 64
7630	do	Pickering & Chatto	do	6 19
7631	do	G. Pommer & Figo	General supplies	2 60
7632	do	O. E. Staples, Bursar	Sundry bills	10 74
7633	do	O. E. Staples, Bursar	Rebates	30 00
7634	do	O. E. Staples, Bursar	Sundry bills	6 50
7635	do	O. E. Staples, Bursar	Express	42 57
7636	do	Alphonse Picard & Son	Books	50 00
7637	do	H. D. Oberdorfer	General supplies	2 22
7638	do	O. E. Staples, Bursar	Student labor	11 20
7639	do	A. R. Grindley	Dairy products furnished department of dairy husbandry	3 16
7640	do	O. W. Hampton	do	3 19
7641	do	C. G. Plottner	do	4 82
7642	do	E. Grove	do	5 43
7643	do	A. Dunn	do	5 99
7644	do	H. I. Nelson	do	2 04



## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
7645	1914. Apr. 20	P. P. Dunn	Dairy products furnished depart- ment of dairy husbandry	\$ 3 36
7646	do.	J. E. Henderson.	do.	3 06
7647	do.	J. F. Francis.	do.	3 61
7648	do.	G. Schitt	do.	6 38
7649	do.	F. Elliott.	do.	4 03
7650	do.	F. Kruegeritt.	do.	3 58
7651	do.	F. Stadden	do.	6 75
7652	do.	A. Ekblaw.	do.	3 01
7653	do.	L. G. VanBuskirk.	do.	3 19
7654	do.	T. M. Clayton.	do.	2 60
7655	do.	M. Cherry	do.	3 42
7656	do.	M. Lowery	do.	4 69
7657	do.	L. Linka.	do.	2 38
7658	do.	D. Hahn.	do.	4 76
7659	do.	T. M. Ghene.	do.	6 33
7660	do.	G. W. Van Meier	do.	9 04
7661	do.	Wm. VanBuskirk	do.	2 94
7662	do.	A. G. Kruegeritt.	do.	5 29
7663	do.	S. G. Richards.	do.	3 22
7664	do.	J. A. R. Koch.	do.	5 01
7665	do.	W. E. Yount.	do.	3 30
7666	do.	E. R. Lape.	do.	4 26
7667	do.	O. A. Foster	do.	3 39
7668	do.	F. H. Bussey	do.	2 72
7669	do.	C. W. Fleister	do.	2 86
7670	do.	J. Freeman	do.	4 06
7671	do.	Pearl Hazen.	do.	3 50
7672	do.	F. Knox	do.	3 58
7673	do.	J. Rueb.	do.	2 41
7674	do.	G. Hurst.	do.	4 20
7675	do.	J. J. Crider.	do.	4 27
7676	do.	S. T. Carter.	do.	4 20
7677	do.	G. C. Cochran.	do.	3 07
7678	do.	C. A. Fogel.	do.	5 12
7679	do.	J. Ridgaley.	do.	2 58
7680	do.	F. Schweinake.	do.	4 90
7681	do.	W. L. Davis.	do.	4 34
7682	do.	G. R. Evans.	do.	3 25
7683	do.	W. E. Heyer	do.	3 84
7684	do.	E. A. Burwash	do.	2 84
7685	do.	J. Cornelt.	do.	1 82
7686	do.	G. Gilmer.	do.	4 14
7687	do.	C. J. VonHolten.	do.	3 14
7688	do.	E. J. Fretwell.	do.	6 47
7689	do.	L. W. Maxwell.	do.	3 07
7690	do.	John Garrett.	do.	2 97
7691	do.	W. E. Vonacks.	do.	1 29
7692	do.	E. V. Fercival	do.	3 56
7693	do.	J. Hamrick	do.	2 50
7694	Apr. 21	The Ronald Press Co.	Advertising	2 73
7695	do.	C. C. C. & St. L. R. R. Co.	Freight.	1 73
7696	do.	C. C. C. & St. L. R. R. Co.	do.	2 28
7697	do.	The Washash R. R.	do.	34 26
7698	do.	Illinois Central R. R. Co.	do.	4 73
7699	do.	C. C. C. & St. L. R. R. Co.	do.	60 47
7700	do.	R. Smith	Dairy products furnished depart- ment of dairy husbandry	2 58
7701	do.	G. Taylor	do.	2 58
7702	do.	E. S. Hayes.	do.	2 58
7703	do.	E. H. McAlister	do.	3 53
7704	do.	J. Rueb.	do.	3 02
7705	do.	E. W. Smalley	do.	7 35
7706	do.	K. L. Myers.	do.	4 70
7707	do.	C. Watkins	do.	2 14
7708	do.	A. Shields.	do.	5 76
7709	do.	T. M. Guyton	do.	4 01
7710	do.	C. E. Kelly	do.	3 89
7711	do.	C. Ross.	do.	13 30
7712	do.	B. Jordan.	do.	8 92
7713	do.	I. F. Jordan.	do.	3 26
7714	do.	A. E. Burwash	do.	3 26
7715	do.	L. W. Maxwell.	do.	3 26
7716	do.	O. E. Shobe & Co.	do.	22 15
7717	do.	L. Edmonds	do.	5 45
7718	do.	C. C. Rayburn.	do.	3 86
7719	Apr. 23	E. B. Resler.	do.	3 86
7720	do.	E. B. Resler.	do.	3 86

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914.				
7721	Apr. 23	W. E. Satterfield.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 4 05
7722	do.	G. W. VanMeter.....	do.	4 50
7723	do.	A. Shields.....	do.	5 40
7724	do.	W. Case.....	do.	3 24
7725	do.	J. A. R. Koch.....	do.	2 00
7726	do.	N. Hahn.....	do.	5 10
7727	do.	G. Hobick.....	do.	5 00
7728	do.	R. H. Brewer.....	do.	3 13
7729	do.	Pearl Hazen.....	do.	3 26
7730	do.	Z. Alsip.....	do.	4 00
7731	do.	F. W. Howell.....	do.	3 51
7732	do.	T. M. Ghare.....	do.	3 73
7733	do.	C. Jinks.....	do.	3 70
7734	do.	A. Kroner.....	do.	4 67
7735	do.	J. B. Marsh.....	do.	4 67
7736	do.	C. G. Plottner.....	do.	3 83
7737	do.	A. Dunn.....	do.	5 43
7738	do.	H. I. Nelson.....	do.	2 03
7739	do.	W. F. Hampton.....	do.	2 75
7740	do.	R. A. Lumsden.....	do.	2 06
7741	do.	R. S. McInness.....	do.	2 99
7742	do.	C. C. Gordon.....	do.	4 30
7743	do.	M. Hudson.....	do.	2 40
7744	do.	R. T. Lumsden.....	do.	1 87
7745	do.	I. H. Gordon.....	do.	6 67
7746	do.	E. A. Smith.....	do.	2 78
7747	do.	I. W. Maxwell.....	do.	2 78
7748	do.	W. C. Welch.....	do.	4 59
7749	do.	E. J. Percival.....	do.	3 88
7750	do.	C. A. Houtzhoover.....	do.	2 89
7751	do.	John E. Noon.....	Loan.....	50 00
7752	do.	Harry C. Webster.....	do.	100 00
7753	do.	August Gerber.....	Specimens.....	345 95
7754	do.	Kaiserlich Deutsches Archaeologisches In- stitut.....	Laboratory apparatus.....	1 90
7755	do.	Neue Photographische Gesellschaft.....	General supplies.....	8 06
7756	do.	John L. Rich.....	Office supplies.....	2 75
7757	do.	J. D. White.....	Postage.....	96 00
7758	do.	Stafford Engraving Co.....	Printing and publishing.....	4 54
7759	do.	G. E. Cogswell.....	Medical services.....	7 50
7760	do.	Auto Supply Co.....	Field expenses.....	6 26
7761	Apr. 24	G. Schiff.....	Dairy products furnished depart- ment of dairy husbandry.....	6 51
7762	do.	Bert Barber.....	do.	4 67
7763	do.	G. Hurst.....	do.	4 43
7764	do.	C. A. Fogel.....	do.	3 07
7765	do.	W. D. Rohl.....	do.	5 27
7766	do.	Mary Warner.....	do.	4 80
7767	do.	S. T. Carter.....	do.	4 32
7768	do.	G. W. VanMeter.....	do.	4 32
7769	do.	A. E. Burwash.....	do.	2 97
7770	do.	J. F. Francis.....	do.	2 86
7771	do.	J. Garrett.....	do.	3 35
7772	do.	H. E. Cunningham.....	Traveling expenses.....	15 69
7773	Apr. 25	Percy Ash.....	Salary, April, 1914.....	208 33
7774	do.	S. C. Burton.....	do.	140 00
7775	do.	C. R. Clark.....	do.	166 66
7776	do.	A. B. M. Corrubia.....	do.	160 00
7777	do.	F. K. Cowley.....	do.	120 00
7778	do.	Winifred Fehrenkamp.....	do.	70 00
7779	do.	J. H. Forsythe.....	do.	150 00
7780	do.	R. T. Jones.....	do.	160 00
7781	do.	J. M. Kellogg.....	do.	150 00
7782	do.	A. H. Kimball.....	do.	150 00
7783	do.	L. H. Provine.....	do.	291 66
7784	do.	N. C. Ricker.....	do.	291 66
7785	do.	W. C. Titcomb.....	do.	175 00
7786	do.	N. A. Wells.....	do.	134 16
7787	do.	Earle R. Math.....	do.	140 00
7788	do.	Ralph E. Muehlman.....	do.	140 00
7789	do.	I. O. Baker.....	do.	333 33
7790	do.	B. L. Bowling.....	do.	83 33
7791	do.	R. E. Davis.....	do.	120 00
7792	do.	N. B. Garver.....	do.	141 66
7793	do.	A. B. McDaniel.....	do.	229 16
7794	do.	Guy G. Mills.....	do.	90 00
7795	do.	J. I. Parcel.....	do.	208 33
7796	do.	G. W. Pickels.....	do.	150 00

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
7797	Apr. 25	W. H. Raynor.....	Salary, April, 1914.....	\$130 00
7798	do.	J. E. Smith.....	do.....	150 00
7799	do.	C. C. Wiley.....	do.....	141 66
7800	do.	W. M. Wilson.....	do.....	133 33
7801	do.	P. S. Biegler.....	do.....	166 66
7802	do.	Morgan Brooks.....	do.....	250 00
7803	do.	J. M. Bryant.....	do.....	229 16
7804	do.	I. W. Fisk.....	do.....	133 33
7805	do.	L. V. James.....	do.....	133 33
7806	do.	A. R. Knight.....	do.....	150 00
7807	do.	E. B. Paine.....	do.....	250 00
7808	do.	E. H. Waldo.....	do.....	166 66
7809	do.	Chas. R. Moore.....	do.....	130 00
7810	do.	Robin Beach.....	do.....	100 00
7811	do.	Rufus Crane.....	do.....	100 00
7812	do.	H. H. Jordan.....	do.....	140 00
7813	do.	H. W. Miller.....	do.....	133 33
7814	do.	W. S. Nelson.....	do.....	30 00
7815	do.	F. M. Porter.....	do.....	125 00
7816	do.	H. O. Rugg.....	do.....	150 00
7817	do.	R. K. Steward.....	do.....	141 66
7818	do.	B. W. Benedict.....	do.....	291 66
7819	do.	J. A. Dent.....	do.....	150 00
7820	do.	A. B. Domonske.....	do.....	140 00
7821	do.	J. M. Duncan.....	do.....	90 00
7822	do.	H. S. Eames.....	do.....	140 00
7823	do.	G. A. Gross.....	do.....	150 00
7824	do.	J. A. Frisk.....	do.....	91 66
7825	do.	H. F. Godeke.....	do.....	130 00
7826	do.	G. A. Goodenough.....	do.....	291 66
7827	do.	L. A. Harding.....	do.....	291 66
7828	do.	R. E. Kennedy.....	do.....	150 00
7829	do.	E. T. Lanham.....	do.....	120 00
7830	do.	O. A. Leutwiler.....	do.....	241 66
7831	do.	J. C. Pendleton.....	do.....	100 00
7832	do.	G. H. Radebaugh.....	do.....	110 00
7833	do.	P. J. Rebman.....	do.....	80 00
7834	do.	C. R. Richards.....	do.....	479 16
7835	do.	D. L. Scroggin.....	do.....	120 00
7836	do.	F. C. Torrance.....	do.....	110 00
7837	do.	H. W. Waterfall.....	do.....	130 00
7838	do.	A. C. Willard.....	do.....	200 00
7839	do.	S. O. Andros.....	do.....	25 00
7840	do.	E. A. Holbrook.....	do.....	208 33
7841	do.	H. H. Stoek.....	do.....	416 66
7842	do.	L. E. Young.....	do.....	150 00
7843	do.	H. E. Babbitt.....	do.....	140 00
7844	do.	G. P. Boomsliter.....	do.....	170 00
7845	do.	M. L. Enger.....	do.....	187 50
7846	do.	N. E. Ensign.....	do.....	150 00
7847	do.	V. R. Fleming.....	do.....	150 00
7848	do.	Harry Gardner.....	do.....	140 00
7849	do.	H. F. Gonnerman.....	do.....	150 00
7850	do.	C. E. Noerenberg.....	do.....	170 00
7851	do.	F. B. Seely.....	do.....	170 00
7852	do.	A. N. Talbot.....	do.....	416 66
7853	do.	Alexander Vallance.....	do.....	140 00
7854	do.	W. H. Bair.....	do.....	50 00
7855	do.	A. P. Carman.....	do.....	416 66
7856	do.	L. T. Jones.....	do.....	95 00
7857	do.	Sebastian Karrer.....	do.....	70 00
7858	do.	C. T. Knipp.....	do.....	233 33
7859	do.	Jacob Kunz.....	do.....	208 33
7860	do.	J. B. Nathanson.....	do.....	50 00
7861	do.	Wm. F. Schulz.....	do.....	133 33
7862	do.	O. A. Randolph.....	do.....	90 00
7863	do.	G. A. Shook.....	do.....	120 00
7864	do.	O. H. Smith.....	do.....	95 00
7865	do.	F. R. Watson.....	do.....	229 16
7866	do.	E. H. Warner.....	do.....	80 00
7867	do.	E. H. Williams.....	do.....	141 66
7868	do.	J. B. Hayes.....	do.....	90 00
7869	do.	A. M. Buck.....	do.....	150 00
7870	do.	A. F. Comstock.....	do.....	166 66
7871	do.	E. C. Schmidt.....	do.....	191 43
7872	do.	F. C. Bauer.....	do.....	133 33
7873	do.	W. L. Burlison.....	do.....	116 66
7874	do.	I. W. Dickerson.....	do.....	133 33
7875	do.	E. T. Ebersol.....	do.....	60 00

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
7876	Apr. 26	K. J. T. Eckblaw.....	Salary, April, 1914.....	\$133 33
7877	do.	F. A. Fisher.....	do.	100 00
7878	do.	O. S. Fisher.....	do.	208 33
7879	do.	A. F. Gustafson.....	do.	175 00
7880	do.	M. E. Jarr.....	do.	140 00
7881	do.	J. G. Mosier.....	do.	291 66
7882	do.	J. H. Pettit.....	do.	250 00
7883	do.	C. O. Reed.....	do.	120 00
7884	do.	L. H. Smith.....	do.	291 66
7885	do.	A. L. Whiting.....	do.	150 00
7886	do.	E. A. Witte.....	do.	175 00
7887	do.	H. W. Stewart.....	do.	150 00
7888	do.	D. O. Barto.....	do.	200 00
7889	do.	Steier Bull.....	do.	133 33
7890	do.	W. J. Carmichael.....	do.	91 66
7891	do.	W. C. Corley.....	do.	266 66
7892	do.	J. A. Deinsen.....	do.	200 00
7893	do.	J. L. Edmonds.....	do.	208 33
7894	do.	H. S. Grindley.....	do.	291 66
7895	do.	W. T. Handsehn.....	do.	200 00
7896	do.	W. E. Joseph.....	do.	150 00
7897	do.	H. W. Mumford.....	do.	416 66
7898	do.	L. H. Rusk.....	do.	208 33
7899	do.	V. H. Smith.....	do.	125 00
7900	do.	J. J. Ore.....	do.	83 33
7901	do.	W. J. Crandall.....	do.	150 00
7902	do.	K. S. Hulse.....	do.	116 66
7903	do.	Leroy Lang.....	do.	175 00
7904	do.	H. N. Parker.....	do.	200 00
7905	do.	H. A. Kuehe.....	do.	133 33
7906	do.	F. W. Yapp.....	do.	91 66
7907	do.	F. A. Aust.....	do.	83 33
7908	do.	E. W. Bailey.....	do.	175 00
7909	do.	E. J. Bole.....	do.	88 68
7910	do.	E. F. Dewarup.....	do.	250 00
7911	do.	E. L. Bogart.....	do.	291 66
7912	do.	V. A. Chase.....	do.	200 00
7913	do.	Simon Litman.....	do.	208 33
7914	do.	A. L. Fickert.....	do.	40 00
7915	do.	H. H. Robinson.....	do.	250 00
7916	do.	N. A. Scottie.....	do.	200 00
7917	do.	O. A. Weston.....	do.	180 00
7918	do.	C. E. Staples, Jr.....	do.	200 00
7919	do.	Goodspeed's Book Shop.....	Stationery and books.....	250 00
7920	do.	B. Haas.....	do.	10 32
7921	do.	T. Gamble.....	do.	7 85
7922	do.	John Wheldon & Co.....	do.	7 85
7923	do.	Democrat Printing Co.....	do.	18 75
7924	do.	Wm. J. Gennard.....	do.	12 50
7925	do.	American Iron & Steel Institute.....	do.	3 50
7926	do.	The H. W. Wilson Co.....	do.	3 50
7927	do.	G. Schirmer.....	do.	7 40
7928	do.	Marinus Kijhof.....	do.	2 37
7929	do.	Paul Gotschalk.....	do.	2 47
7930	do.	Max Weg.....	do.	614 53
7931	do.	Western Union Telegraph Co.....	Telephone and telegraph charges.....	78 35
7932	Apr. 27	A. R. Grindley.....	Dairy products furnished depart- ment of dairy husbandry.....	50 36
7933	do.	E. Grove.....	do.	3 51
7934	do.	A. Dunn.....	do.	6 59
7935	do.	J. H. Besore.....	do.	5 54
7936	do.	W. H. Hays.....	do.	3 27
7937	do.	O. W. Hampton.....	do.	3 27
7938	do.	R. P. Hayes.....	do.	2 11
7939	do.	F. Elchert.....	do.	1 16
7940	do.	J. Freeman.....	do.	3 29
7941	do.	L. G. V. Barskirk.....	do.	4 67
7942	do.	T. M. Gierke.....	do.	3 11
7943	do.	F. Kuehn.....	do.	3 92
7944	do.	W. D. Ruhl.....	do.	3 76
7945	do.	W. E. Wornicks.....	do.	3 50
7946	do.	J. D. Pulliam.....	do.	6 24
7947	do.	C. R. Beavor.....	do.	3 67
7948	do.	W. E. Yount.....	do.	3 35
7949	do.	D. B. White.....	do.	3 29
7950	do.	Van Carter.....	do.	4 10
7951	do.	J. H. Rutan.....	do.	3 29
7952	do.	L. Liska.....	do.	2 08
7953	do.		do.	3 32

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
7954	Apr. 27	D. Hahn.....	Dairy products furnished department of dairy husbandry.....	\$ 4 16
7955	..do....	S. G. Richards.....	..do.....	2 75
7956	..do....	T. M. Clayton.....	..do.....	3 32
7957	..do....	J. J. Cender.....	..do.....	4 21
7958	..do....	F. H. Busey.....	..do.....	2 81
7959	..do....	C. W. Pfeister.....	..do.....	6 24
7960	..do....	F. Sheffer.....	..do.....	3 80
7961	..do....	P. P. Dunn.....	..do.....	4 27
7962	..do....	C. A. Houlthouser.....	..do.....	1 92
7963	..do....	I. W. Maxwell.....	..do.....	1 62
7964	..do....	E. J. Percival.....	..do.....	2 21
7965	..do....	H. Giltner.....	..do.....	1 78
7966	..do....	J. Hammack.....	..do.....	3 21
7967	..do....	Florence Keller.....	Wages, April, 1914.....	60 00
7968	..do....	H. L. Gannett.....	..do.....	50 00
7969	..do....	Ernest R. Dewsnap.....	Traveling expenses.....	15 28
7970	..do....	C., C., C. & St. L. R. R.....	Freight.....	2 43
7971	..do....	C., C., C. & St. L. R. R.....	..do.....	15 87
7972	..do....	Illinois Central R. R. Co.....	..do.....	21 82
7973	..do....	Wabash R. R.....	..do.....	26 74
7974	Apr. 28	Pickering & Chatto.....	Books.....	126 60
7975	..do....	Otto Harrassowitz.....	..do.....	13 13
7976	..do....	Karl W. Hiersemann.....	..do.....	9 94
7977	..do....	W. M. Murphy.....	..do.....	4 85
7978	..do....	Luzac & Co.....	..do.....	37 90
7979	..do....	Francis Edwards.....	..do.....	13 52
7980	..do....	John Grant.....	..do.....	1 72
7981	..do....	Museum Book Store.....	..do.....	62 40
7982	..do....	Honore Champion.....	..do.....	3 05
7983	..do....	Porrua Hermans.....	..do.....	51 10
7984	..do....	C. Chadenat.....	..do.....	12 85
7985	..do....	Geo. Harding.....	..do.....	186 02
7986	..do....	Kaiserlich Deutsches Archaologisches Institut.....	Specimens.....	44 16
7987	..do....	The Western Union Telegraph Co.....	Telephone and telegraph.....	40 12
7988	..do....	The Young Men's Christian Assn.....	Subscription.....	250 00
7989	..do....	Central Union Telephone Co.....	Telephone.....	19 40
7990	..do....	G. Taylor.....	Dairy products furnished department of dairy husbandry.....	2 16
7991	..do....	G. Schiff.....	..do.....	4 21
7992	..do....	A. E. Burwash.....	..do.....	3 99
7993	..do....	T. H. Green.....	..do.....	2 73
7994	..do....	R. L. Myers.....	..do.....	3 72
7995	..do....	E. W. Smalley.....	..do.....	5 52
7996	..do....	Pearl Hazen.....	..do.....	2 75
7997	..do....	J. Rueb.....	..do.....	2 38
7998	..do....	G. W. VanMeter.....	..do.....	7 56
7999	..do....	A. Shields.....	..do.....	4 96
8000	..do....	Macy Bros.....	..do.....	8 75
8001	..do....	J. W. Kelly.....	..do.....	2 90
8002	..do....	B. Jordan.....	..do.....	13 20
8003	..do....	C. A. Fogel.....	..do.....	5 88
8004	..do....	R. L. Wirt.....	..do.....	3 86
8005	..do....	C. Ross.....	..do.....	5 62
8006	..do....	T. F. Jordan.....	..do.....	9 13
8007	Apr. 29	J. R. Trevett.....	Traveling expenses.....	13 85
8008	..do....	O. E. Staples, Bursar.....	Student labor.....	2 20
8009	..do....	O. E. Staples, Bursar.....	Sundry bills.....	48 87
8010	..do....	O. E. Staples, Bursar.....	Express.....	26 37
8011	..do....	E. F. Lyons.....	Dairy products furnished department of dairy husbandry.....	3 19
8012	..do....	A. Dunn.....	..do.....	6 53
8013	..do....	W. F. Hampton.....	..do.....	3 97
8014	..do....	R. T. Lumsden.....	..do.....	1 65
8015	..do....	G. F. Diefenbach.....	..do.....	1 06
8016	..do....	R. A. Lumsden.....	..do.....	2 97
8017	..do....	M. Hudson.....	..do.....	3 24
8018	..do....	C. C. Gordon.....	..do.....	4 91
8019	..do....	R. S. McInness.....	..do.....	4 78
8020	..do....	J. E. Henderson.....	..do.....	4 00
8021	..do....	H. M. Corray.....	..do.....	6 32
8022	..do....	E. S. Hayes.....	..do.....	3 35
8023	..do....	S. G. Richards.....	..do.....	2 78
8024	..do....	R. W. Brewer.....	..do.....	2 70
8025	..do....	D. S. Herriott.....	..do.....	3 32
8026	..do....	J. W. Howell.....	..do.....	4 59
8027	..do....	G. W. VanMeter.....	..do.....	3 86
8028	..do....	W. E. Satterfield.....	..do.....	3 89

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
8029	Apr. 29	I. H. Gordon	Dairy products furnished department of dairy husbandry	\$ 3 83
8030	do.	W. Case	do.	4 02
8031	do.	T. M. Ghere	do.	3 92
8032	do.	L. Libka	do.	2 70
8033	do.	J. B. Marsh	do.	5 05
8034	do.	N. Hahn	do.	8 95
8035	do.	J. A. R. Koch	do.	7 85
8036	do.	G. O. McMorris	do.	2 67
8037	do.	W. D. Rohl	do.	4 62
8038	do.	T. M. Clayton	do.	2 57
8039	do.	J. W. Rayburn	do.	4 51
8040	do.	C. C. Rayburn	do.	4 35
8041	do.	T. M. Guyann	do.	4 59
8042	do.	O. A. Foster	do.	3 46
8043	do.	J. Ridgeley	do.	2 43
8044	do.	M. Lowery	do.	4 27
8045	do.	E. J. Percival	do.	4 27
8046	do.	C. A. Houltzhouer	do.	2 59
8047	do.	E. A. Smith	do.	2 84
8048	do.	W. E. Yount	do.	4 27
8049	do.	Monier & Morrisey	Insurance premium	25 68
8050	do.	J. D. White	Postage	90 88
8051	do.	Mrs. F. E. McClughen	Labor	15 06
8052	Apr. 30	Robert Rutter & Son	Books	2 20
8053	do.	Chas. Scribner's Sons	do.	21 40
8054	do.	Boosey & Co.	do.	1 23
8055	do.	Oliver Ditson Co.	do.	4 50
8056	do.	American Prison Assn.	do.	1 50
8057	do.	A. L. A. Publishing Board	General supplies	1 98
8058	do.	W. W. Lindley	Postage	4 86
8059	do.	Tice & Lynch	Freight and express	12 80
8060	do.	Hodges, Figgis & Co.	Books	71 27
8061	do.	Pickering & Chatto	do.	4 92
8062	do.	Karl W. Hiersemann	do.	12 61
8063	do.	Otto Lange	do.	85 77
8064	do.	Jacques Rosenthal	do.	4 52
8065	do.	James Thin	do.	2 22
8066	do.	Oswald Weigel	do.	38 32
8067	do.	N. W. Damm & Son	do.	1 57
8068	do.	William Brown	do.	18 92
8069	do.	Otto Harrassowitz	do.	18 58
8070	do.	Bennett's Magazine Agency	Magazines	28 50
8071	do.	Ernst Hertzberg & Sons	Binding	222 67
8072	do.	G. W. Sheldon & Co.	Freight and express	29 51
8073	May 1	Allen F. Moore	Traveling expenses	44 84
8074	May 2	J. Coleman	Dairy products furnished department of dairy husbandry	14 26
8075	do.	O. W. Albright	do.	4 39
8076	do.	A. J. Spohn	do.	7 68
8077	do.	A. J. Bragger	do.	5 04
8078	do.	M. E. Simonsen	do.	7 36
8079	do.	P. J. Petersen	do.	5 04
8080	do.	Richmond Bros.	do.	5 04
8081	do.	Rossville Creamery Co.	do.	4 58
8082	do.	F. Grimm	do.	2 15
8083	do.	Jacksonville Creamery Co.	do.	7 13
8084	do.	H. J. Deardorf	do.	4 57
8085	do.	R. J. Collier	do.	7 59
8086	May 4	Edwin Romeiser	Wages, April, 1914	12 60
8087	do.	R. T. Shaffer	do.	22 20
8088	do.	G. W. Salsbury	do.	13 60
8089	do.	R. H. Nixon	do.	14 20
8090	do.	Wayne Johnson	do.	11 80
8091	do.	H. E. Barden	do.	15 00
8092	do.	F. M. VanNatter	do.	18 00
8093	do.	Nathan Meltz	do.	17 40
8094	do.	Philip Udinsky	do.	22 20
8095	do.	B. H. Questal	do.	21 00
8096	do.	M. C. Weaver	do.	45 00
8097	do.	J. E. Shipley	do.	30 00
8098	do.	C. A. Brumley	do.	48 00
8099	do.	R. L. Bentley	do.	24 75
8100	do.	Roland Brooks	do.	11 40
8101	do.	B. M. Kissleberg	do.	14 75
8102	do.	O. M. McGhee	do.	31 30
8103	do.	J. P. Miles	do.	11 00
8104	do.	E. C. Secor	do.	12 50
8105	do.	E. F. Murphy	do.	33 30

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
8106	May 4	Frank Leggitt.....	Wages, April, 1914.....	\$ 25 00
8107	do	M. H. Campbell.....	do.....	25 20
8108	do	Ivan Traxler.....	do.....	24 40
8109	do	E. W. Hitchcock.....	do.....	24 00
8110	do	P. N. Davis.....	do.....	20 40
8111	do	W. F. Cummins.....	do.....	19 80
8112	do	D. R. Grigg.....	do.....	13 20
8113	do	T. G. Lewis.....	do.....	12 80
8114	do	Elliott Bellman.....	do.....	17 40
8115	do	C. P. Barkman.....	do.....	21 00
8116	do	Denton Magruder.....	do.....	17 00
8117	do	Harry Wood.....	do.....	10 40
8118	do	A. Bagusin.....	do.....	19 40
8119	do	G. C. Rice.....	do.....	22 60
8120	do	Esther Hurst.....	do.....	21 00
8121	do	Floyd E. Britton.....	do.....	20 80
8122	do	John Brown.....	do.....	15 10
8123	do	U. R. Morrison.....	do.....	23 00
8124	do	H. M. Thurston.....	do.....	18 40
8125	do	B. Wham.....	do.....	14 40
8126	do	E. U. Rugg.....	do.....	31 50
8127	do	Martha Larson.....	do.....	25 00
8128	do	O. W. Allen.....	do.....	27 00
8129	do	Ruth Halliday.....	do.....	27 60
8130	do	R. H. Brooks.....	do.....	18 10
8131	do	C. C. Foulke.....	do.....	21 12
8132	do	J. R. Colbert.....	do.....	20 20
8133	do	A. P. Kelley.....	do.....	24 40
8134	do	Edith Schultz.....	do.....	11 60
8135	do	Olive Paine.....	do.....	23 50
8136	do	Isabella Anderson.....	do.....	22 40
8137	do	Newman Romero.....	do.....	13 60
8138	do	Ethel Sharp.....	do.....	39 00
8139	do	Chas. Warinner.....	do.....	27 00
8140	do	Erle Cavette.....	do.....	46 75
8141	do	C. E. Koch.....	do.....	11 75
8142	do	C. H. Apple.....	do.....	14 50
8143	do	S. D. Harwood.....	do.....	30 00
8144	do	Kenneth G. Brown.....	do.....	25 00
8145	do	C. W. Cleworth.....	do.....	11 25
8146	do	Russell D. V. Castle.....	do.....	29 50
8147	do	Pauline Groves.....	do.....	17 40
8148	do	R. M. Stevens.....	do.....	14 75
8149	do	N. C. Seidenberg.....	do.....	25 00
8150	do	Florence E. Watson.....	Traveling expenses.....	30 77
8151	do	C. M. McConn.....	do.....	23 42
8152	do	United States Audit Co.....	Auditing.....	340 77
8153	do	Brentano's.....	Books.....	29 50
8154	do	R. Graham.....	Dairy products furnished depart- ment of dairy husbandry.....	4 58
8155	do	J. McCullough.....	do.....	2 52
8156	do	J. Weiss.....	do.....	13 97
8157	do	R. Smith.....	do.....	2 03
8158	do	I. H. Besore.....	do.....	2 57
8159	do	A. Dunn.....	do.....	2 81
8160	do	A. Kroner.....	do.....	4 62
8161	do	G. Hurst.....	do.....	4 05
8162	do	Mary Warner.....	do.....	4 56
8163	do	W. E. Heyer.....	do.....	3 91
8164	do	F. Schweineke.....	do.....	4 73
8165	do	J. D. Perham.....	do.....	1 97
8166	do	Eugene Bure.....	do.....	3 81
8167	do	S. T. Carter.....	do.....	4 32
8168	do	G. R. Evans.....	do.....	2 78
8169	do	A. E. Burwash.....	do.....	3 27
8170	do	S. Atchison.....	do.....	1 67
8171	do	J. Garrett.....	do.....	4 81
8172	do	A. R. Grindley.....	do.....	4 73
8173	do	C. Plottner.....	do.....	4 10
8174	do	H. I. Nelson.....	do.....	2 84
8175	do	I. W. Maxwell.....	do.....	2 24
8176	do	E. Grove.....	do.....	7 83
8177	do	J. E. Henderson.....	do.....	4 45
8178	do	W. H. Gray.....	do.....	4 51
8179	do	P. P. Dunn.....	do.....	4 46
8180	do	O. W. Hampton.....	do.....	3 62
8181	do	J. Rueb.....	do.....	3 78
8182	do	J. A. R. Koch.....	do.....	4 91
8183	do	A. Shields.....	do.....	5 43

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
8184	May 1914.	J. F. Francis.....		
8185	do.	G. C. Cochran.....	Dairy products furnished depart-	\$ 3 11
8186	do.	A. Ekblaw.....	ment of dairy husbandry.....	3 55
8187	do.	R. L. Wirt.....	do.	3 11
8188	do.	F. Stadden.....	do.	3 64
8189	do.	E. Smith.....	do.	3 81
8190	do.	Van Carter.....	do.	3 78
8191	do.	Z. Alsop.....	do.	3 33
8192	do.	W. VanBuskirk.....	do.	3 21
8193	do.	H. Ahlson.....	do.	3 32
8194	do.	D. Hahn.....	do.	3 80
8195	do.	P. J. Wagner.....	do.	4 59
8196	do.	G. Hobick.....	do.	4 70
8197	do.	C. E. Smoot.....	do.	3 77
8198	do.	J. D. Pulliam.....	do.	3 72
8199	do.	J. Freeman.....	do.	2 68
8200	do.	L. Libke.....	do.	2 79
8201	do.	F. Elliott.....	do.	2 82
8202	do.	G. L. VanBuskirk.....	do.	2 85
8203	do.	G. W. VanMeter.....	do.	2 83
8204	do.	C. A. Fogel.....	do.	3 52
8205	do.	L. Creiger.....	do.	4 21
8206	do.	R. H. McAlister.....	do.	4 26
8207	do.	W. E. Womacks.....	do.	3 89
8208	do.	B. Barber.....	do.	3 80
8209	do.	C. W. Fleister.....	do.	9 23
8210	do.	G. H. Buscy.....	do.	2 24
8211	do.	C. J. Shrock.....	do.	3 77
8212	do.	J. Legeman.....	do.	3 28
8213	do.	W. J. Kelly.....	do.	2 57
8214	do.	C. E. Kelly.....	do.	3 53
8215	do.	L. H. Gordon.....	do.	2 85
8216	do.	J. M. Hammack.....	do.	3 22
8217	do.	E. J. Perival.....	do.	9 22
8218	do.	H. Giltner.....	Wages, April, 1914.....	2 11
8219	do.	C. R. Nickolls.....	do.	32 40
8220	do.	Chas. E. Kusch.....	Lecture and traveling expenses.....	28 50
8221	do.	C. C. C. & St. L. Ry. Co.	Freight.....	59 24
8222	do.	Illinois Central R. R. Co.	do.	11 80
8223	do.	Wabash R. R.	do.	44 50
8224	do.	Illinois Traction Co.	do.	32 22
8225	do.	C. C. C. & St. L. Ry. Co.	do.	1 57
8226	May 5	Herman Dale.....	Wages, April, 1914.....	22 57
8227	do.	D. J. Missimer.....	do.	21 38
8228	do.	J. L. Munson.....	do.	11 18
8229	do.	F. A. Newman.....	do.	14 75
8230	do.	W. K. Jones.....	do.	16 51
8231	do.	Charles Keeling.....	do.	11 81
8232	do.	L. Silverman.....	do.	26 75
8233	do.	S. C. Seump.....	do.	13 83
8234	do.	E. W. Zepfeneid.....	do.	19 00
8235	do.	M. R. Davis.....	do.	23 38
8236	do.	F. D. Jenkins.....	do.	13 29
8237	do.	H. F. Kelley.....	do.	6 32
8238	do.	F. W. McCarthy.....	do.	34 45
8239	do.	Arthur A. Odell.....	do.	19 43
8240	do.	Arthur Semple.....	do.	39 30
8241	do.	M. E. Slater.....	do.	19 46
8242	do.	Bertam Aoney.....	do.	21 57
8243	do.	F. W. Farley.....	do.	10 72
8244	do.	F. W. Leggett.....	do.	22 50
8245	do.	D. J. Missimer.....	do.	17 77
8246	do.	Arthur Semple.....	do.	15 40
8247	do.	Paul VanWinkle.....	do.	32 00
8248	do.	Marie Halton.....	do.	32 43
8249	do.	H. D. Brown.....	do.	20 70
8250	do.	H. T. Reeves.....	do.	41 25
8251	do.	Lincy Lowe.....	do.	11 00
8252	do.	Alba Mott.....	do.	10 88
8253	do.	G. E. Sanders.....	do.	10 25
8254	do.	Geo. Klein.....	do.	27 40
8255	do.	Nob Ungaki.....	do.	1 80
8256	do.	H. E. Bigler.....	do.	11 70
8257	do.	S. W. Sturmus.....	do.	25 00
8258	do.	Garl Stephens.....	do.	34 50
8259	do.	G. F. Sutherland.....	do.	9 00
8260	do.	G. F. Sutherland.....	do.	11 25
8261	do.	W. C. Kappeye.....	do.	



## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
8262	May 5 1914.	E. B. Shaw.	Wages, April, 1914.	\$ 7 00
8263	do.	D. Beilin.	do.	1 00
8264	do.	H. M. English.	do.	19 50
8265	do.	G. H. Lindsey.	do.	24 50
8266	do.	J. K. Tuthill.	do.	21 01
8267	do.	E. E. Warner.	do.	11 40
8268	do.	C. F. Hill.	do.	10 00
8269	do.	L. S. Linder.	do.	10 00
8270	do.	A. Long.	do.	8 00
8271	do.	O. E. Shobe & Co.	Livery	2 00
8272	do.	The Alumni Association.	Quarterly appropriation.	250 00
8273	do.	O. B. Kircher.	Wages, April, 1914.	38 06
8274	do.	W. L. Frank.	do.	30 50
8275	do.	L. F. Simpson.	do.	5 40
8276	do.	F. W. Graves.	do.	13 55
8277	May 6	R. Smith.	Dairy products furnished department of dairy husbandry.	3 02
8278	do.	G. Schiff.	do.	7 53
8279	do.	G. Taylor.	do.	2 38
8280	do.	F. Knox.	do.	3 32
8281	do.	D. Herriot.	do.	3 48
8282	do.	A. Kroner.	do.	4 91
8283	do.	J. D. Perham.	do.	2 48
8284	do.	E. S. Hayes.	do.	3 19
8285	do.	Macy Bros.	do.	8 91
8286	do.	J. Rueb.	do.	2 59
8287	do.	T. L. Lowery.	do.	4 64
8288	do.	R. L. Meyers.	do.	3 73
8289	do.	B. Jordan.	do.	12 15
8290	do.	C. Ross.	do.	8 56
8291	do.	T. F. Jordan.	do.	11 66
8292	do.	E. W. Smalley.	do.	6 43
8293	do.	A. E. Burwash.	do.	4 75
8294	do.	C. J. VonHofen.	do.	4 21
8295	do.	J. H. Fox.	do.	3 29
8296	do.	Vera M. Davis.	Wages, April, 1914.	19 23
8297	do.	Thos. Lyons.	do.	34 20
8298	do.	W. W. Trimble.	do.	39 40
8299	do.	R. K. Turner.	do.	20 62
8300	do.	Hugh Utterback.	do.	51 20
8301	do.	C. E. Mattoon.	do.	47 00
8302	do.	Jas. McCullough.	do.	60 72
8303	do.	U. G. May.	do.	47 00
8304	do.	Forrest Mook.	do.	59 00
8305	do.	B. F. McDaniel.	do.	31 80
8306	do.	Jacob Nikolaus.	do.	63 00
8307	do.	Nick Peterson.	do.	50 80
8308	do.	J. F. Purkins.	do.	59 84
8309	do.	H. L. Thompson.	do.	51 00
8310	do.	L. M. Stearns.	do.	63 00
8311	do.	O. J. Utterback.	do.	55 00
8312	do.	P. T. Walters.	do.	48 60
8313	do.	Dan Meeneley.	do.	68 54
8314	do.	John Ascherman.	do.	51 60
8315	do.	Tim Kenney.	do.	44 40
8316	do.	M. F. Roberts.	do.	44 40
8317	do.	Roy Tatlock.	do.	42 80
8318	do.	C. M. Ollis.	do.	24 20
8319	do.	A. L. Johnson.	do.	39 40
8320	do.	A. L. Collins.	do.	56 20
8321	do.	I. F. Tilloison.	do.	61 57
8322	do.	F. T. Franklin.	do.	61 32
8323	do.	Roy Crawford.	do.	52 30
8324	do.	Felix Fox.	do.	46 00
8325	do.	J. B. Hickey.	do.	54 00
8326	do.	Harry Higgins.	do.	85 05
8327	do.	Howard Downing.	do.	59 85
8328	do.	W. A. Boyce.	do.	89 33
8329	do.	J. H. Miller.	do.	108 57
8330	do.	Harry Clifford.	do.	75 77
8331	do.	John Brannigan.	do.	103 40
8332	do.	Frank Clancy.	do.	30 00
8333	do.	Owen Gilley.	do.	60 72
8334	do.	Jesse Meyers.	do.	83 40
8335	do.	A. Warmbler.	do.	98 05
8336	do.	A. L. Sowers.	do.	17 50
8337	do.	Russell Orrill.	do.	54 75
8338	do.	Jas. Boswell.	do.	79 17
8339	do.	Andrew Boswell.	do.	

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date	To whom.	For what.	Amount.
8340	May 1914.	6 Emmett Roberts.....	Wages, April, 1914.	\$45 60
8341	do.....	John F. Hannah.....	do.....	59 65
8342	do.....	Paul Davis.....	do.....	47 00
8343	do.....	Ora B. Castle.....	do.....	40 75
8344	do.....	Albert Bradford.....	do.....	52 65
8345	do.....	Mark Small.....	do.....	60 00
8346	do.....	Blance R. Humfthouse.....	do.....	27 60
8347	do.....	Wm. Fogarty.....	do.....	54 00
8348	do.....	Frank Fogarty.....	do.....	51 50
8349	do.....	Sam'l Hanson.....	do.....	71 25
8350	do.....	Ed. Hagen.....	do.....	70 27
8351	do.....	W. G. Hixon.....	do.....	52 00
8352	do.....	Frank Irvine.....	do.....	75 49
8353	do.....	Jas. Irvine.....	do.....	54 60
8354	do.....	Roy Lanham.....	do.....	50 00
8355	do.....	P. O. Moore.....	do.....	14 00
8356	do.....	A. Moran.....	do.....	65 00
8357	do.....	R. A. Paleman.....	do.....	46 00
8358	do.....	B. L. Reed.....	do.....	59 60
8359	do.....	J. C. Snider.....	do.....	54 60
8360	do.....	Basil Brown.....	do.....	60 24
8361	do.....	D. M. Bullock.....	do.....	62 10
8362	do.....	Ross Hutton.....	do.....	64 17
8363	do.....	Fred Langhoff.....	do.....	64 40
8364	do.....	O. E. Meenach.....	do.....	72 91
8365	do.....	H. H. Maloney.....	do.....	66 47
8366	do.....	A. Servis.....	do.....	69 69
8367	do.....	Geo. Toy.....	do.....	67 16
8368	do.....	Geo. Turner.....	do.....	71 81
8369	do.....	Ed. Wharmby.....	do.....	70 84
8370	do.....	Margaret Jones.....	do.....	44 54
8371	do.....	Frances E. McClughen.....	do.....	44 20
8372	do.....	Rebecca Morgan.....	do.....	37 40
8373	do.....	Mary Ryan.....	do.....	39 10
8374	do.....	W. M. Atwell.....	do.....	57 54
8375	do.....	C. E. Arrington.....	do.....	63 00
8376	do.....	Harry Brown.....	do.....	64 05
8377	do.....	J. E. Bailey.....	do.....	54 81
8378	do.....	J. E. Browning.....	do.....	60 20
8379	do.....	R. S. Carson.....	do.....	53 40
8380	do.....	J. W. Cheever.....	do.....	52 00
8381	do.....	B. F. English.....	do.....	64 17
8382	do.....	C. Y. Freeman.....	do.....	59 43
8383	do.....	J. J. Fiscus.....	do.....	61 41
8384	do.....	W. H. Graybeal.....	do.....	63 00
8385	do.....	V. S. Glenn.....	do.....	52 60
8386	do.....	David Glenn.....	do.....	51 00
8387	do.....	F. F. Hoover.....	do.....	60 06
8388	do.....	L. T. Heinz.....	do.....	40 00
8389	do.....	C. C. Johnson.....	do.....	62 16
8390	do.....	A. C. Litton.....	do.....	57 96
8391	do.....	Roy Lewis.....	do.....	52 40
8392	do.....	C. P. Moore.....	do.....	58 20
8393	do.....	J. E. Moran.....	do.....	10 00
8394	do.....	C. M. Miller.....	do.....	56 07
8395	do.....	D. T. Moody.....	do.....	53 40
8396	do.....	F. Crathorne.....	do.....	84 50
8397	do.....	A. Langhoff.....	do.....	84 50
8398	do.....	V. R. Barnes.....	do.....	98 20
8399	do.....	M. C. Booher.....	do.....	48 00
8400	do.....	A. J. Booker.....	do.....	53 20
8401	do.....	J. C. Fiscus.....	do.....	81 60
8402	do.....	Chas. Hill.....	do.....	95 94
8403	do.....	J. D. Craig.....	do.....	77 60
8404	do.....	S. A. Porter.....	do.....	83 20
8405	do.....	Martin Sandwell.....	do.....	81 60
8406	do.....	A. C. Speedie.....	do.....	81 60
8407	do.....	Wesley Wilson.....	do.....	82 80
8408	do.....	Amos Wright.....	do.....	76 80
8409	do.....	J. H. Vandiverter.....	do.....	82 80
8410	do.....	C. A. Dunsehl.....	do.....	32 00
8411	do.....	J. B. Doll.....	do.....	84 40
8412	do.....	Wm. Templin.....	do.....	86 25
8413	do.....	Thos. J. Fay.....	do.....	93 00
8414	do.....	E. C. Lewis.....	do.....	70 14
8415	do.....	Frank Staleier.....	do.....	70 62
8416	do.....	Thos. Long.....	do.....	81 27

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
8417	May 1914.	Jos. Davis.	Wages, April, 1914.	\$ 63 00
8418	do.	J. A. J. Klien.	do.	69 30
8419	do.	Wm. Quinn.	do.	60 06
8420	do.	Howard F. Fabert.	do.	63 80
8421	do.	Frank Cunningham.	do.	110 50
8422	do.	Sell Hamlin.	do.	52 00
8423	do.	Ruthie Murphey.	do.	60 32
8424	do.	F. M. Perry.	do.	61 64
8425	do.	T. O. Henderson.	do.	106 02
8426	do.	A. L. Brining.	do.	50 60
8427	do.	A. Bevis.	do.	143 00
8428	do.	Cevilla Carothers.	do.	42 75
8429	do.	Vera Beyers.	do.	52 00
8430	do.	E. W. Justus.	do.	108 00
8431	do.	J. R. Newton.	do.	38 16
8432	do.	Ed. Richards.	do.	96 88
8433	do.	John Ceduskey.	do.	66 22
8434	do.	Louie Fender.	do.	75 60
8435	do.	J. F. Long.	do.	74 14
8436	do.	A. J. McAlister.	do.	66 22
8437	do.	A. C. Wascher.	do.	75 60
8438	do.	A. L. Shriver.	do.	73 92
8439	do.	W. C. Wilde.	do.	82 50
8440	do.	Geo. Boyer.	do.	71 00
8441	do.	Thos. Buttler.	do.	93 00
8442	do.	Herman Fechttruph.	do.	75 60
8443	do.	Lee McMillon.	do.	65 09
8444	do.	Chas. Wilson.	do.	72 20
8445	do.	T. E. Wells.	do.	49 60
8446	do.	Jas. Meriweather.	do.	47 20
8447	do.	Gilbert Robbins.	do.	60 20
8448	do.	W. J. Smith.	do.	55 90
8449	do.	Guy Fox.	do.	40 00
8450	do.	Chas. Gundlock.	do.	119 31
8451	do.	Fred Fender.	do.	65 00
8452	do.	P. L. Levick.	do.	77 67
8453	do.	Orval Snook.	do.	84 60
8454	do.	W. J. Langhoff.	do.	84 60
8455	do.	Mollie B. Frazier.	do.	24 99
8456	do.	Oscar L. Hunt.	do.	58 42
8457	do.	Frank C. Wilson.	do.	50 00
8458	do.	Verna Manley.	do.	41 60
8459	do.	Marion E. Sparks.	do.	47 45
8460	do.	J. W. DuHamel.	do.	36 25
8461	do.	Roy A. Horning.	do.	17 50
8462	do.	R. R. Danielson.	do.	35 00
8463	do.	C. L. Walduck.	do.	25 00
8464	do.	Mary E. Busey.	Traveling expenses.	25 00
8465	do.	Florence E. Watson.	do.	13 19
8466	do.	Havana Republican.	do.	10 79
8467	do.	J. Horace McFarland Co.	Printing.	2 00
8468	do.	Pantagraph Printing & Stationery Co.	do.	363 50
8469	do.	Illinois State Reformatory.	do.	30 37
8470	do.	D. H. Loyde.	do.	460 35
8471	do.	Ralph P. Brown.	Office supplies.	2 40
8472	do.	Ed. Lerch.	Wages, April, 1914.	27 00
8473	do.	P. M. Hart.	do.	18 70
8474	do.	C. A. Miller.	do.	4 40
8475	do.	P. J. Nilsen.	do.	10 00
8476	do.	H. R. Richardson.	do.	2 30
8477	do.	P. J. Sweeney.	do.	19 75
8478	do.	E. C. Williams.	do.	3 20
8479	do.	Cecil McKibben.	Nursing.	5 60
8480	do.	Mrs. Alice Laing.	do.	165 74
8481	do.	Mrs. Jessie Conner.	do.	165 74
8482	do.	Ira L. Rush.	Loan.	62 87
8483	do.	Earl J. Dix.	do.	100 00
8484	May 7	R. A. Lumsden.	do.	25 00
8485	do.	W. F. Hampton.	Dairy products furnished depart-	3 30
8486	do.	R. T. Lumsden.	ment of dairy husbandry.	3 16
8487	do.	E. V. Percival.	do.	1 90
8488	do.	J. E. Henderson.	do.	2 88
8489	do.	A. Dunn.	do.	3 70
8490	do.	C. C. Gordon.	do.	6 33
8491	do.	R. S. McInness.	do.	6 05
8492	do.	I. H. Besore.	do.	5 10
8493	do.	M. Hudson.	do.	2 80
8494	do.	D. Wilkins.	do.	2 74
				4 09

## GENERAL UNIVERSITY VLUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
8495	May 7	H. M. Corray.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 4 76
8496	do.	J. J. Cender.....	do.	4 93
8497	do.	O. A. Foster.....	do.	2 55
8498	do.	C. R. Beaver.....	do.	5 04
8499	do.	G. W. VanMeter.....	do.	4 68
8500	do.	C. A. Fogel.....	do.	3 08
8501	do.	W. E. Satterfield.....	do.	3 64
8502	do.	L. Libka.....	do.	3 16
8503	do.	F. W. Howell.....	do.	3 00
8504	do.	D. B. White.....	do.	3 25
8505	do.	W. E. Yount.....	do.	4 90
8506	do.	J. B. Marsh.....	do.	6 13
8507	do.	F. Krukewitt.....	do.	4 03
8508	do.	T. M. Ghere.....	do.	7 76
8509	do.	N. Hahn.....	do.	6 58
8510	do.	P. J. Wagner.....	do.	5 54
8511	do.	A. G. Krukewitt.....	do.	5 94
8512	do.	J. D. Pulliam.....	do.	2 52
8513	do.	J. Ridgeley.....	do.	4 59
8514	do.	S. T. Carter.....	do.	3 14
8515	do.	Pearl Hazen.....	do.	2 86
8516	do.	J. A. R. Koch.....	do.	7 00
8517	do.	W. D. Rohl.....	do.	7 48
8518	do.	W. Case.....	do.	2 83
8519	do.	T. M. Clayton.....	do.	3 16
8520	do.	J. W. Rayburn.....	do.	3 16
8521	do.	S. G. Richards.....	do.	2 46
8522	do.	G. Hurst.....	do.	4 42
8523	do.	R. W. Brewer.....	do.	3 33
8524	do.	I. H. Gordon.....	do.	8 71
8525	do.	W. C. Wlech.....	do.	7 14
8526	do.	C. A. Houtzhouer.....	do.	3 36
8527	do.	E. A. Smith.....	do.	2 69
8528	do.	E. J. Percival.....	do.	4 84
8529	do.	W. H. Gray.....	do.	4 03
8530	May 7	Engineering Record.....	Advertising.....	14 82
8531	do.	The Engineering Magazine.....	do.	1 99
8532	do.	The Postmaster, Urbana.....	Postage.....	10 00
8533	do.	O. E. Staples, Bursar.....	General labor.....	5 00
8534	do.	Capital City Press.....	Printing.....	16 80
8535	do.	Pantagraph Printing & Stationery Co.....	do.	67 77
8536	do.	Commercial Telephone & Telegraph Co.....	Telephone rent.....	12 55
8537	do.	Egypt Exploration Fund.....	Specimens.....	250 00
8538	do.	P. S. Barto.....	Student assistance.....	7 50
8539	do.	C. M. Crain.....	Wages, April, 1914.....	4 50
8540	do.	O. R. Clements.....	do.	3 00
8541	do.	W. L. Mitchell.....	do.	4 75
8542	do.	M. G. Silver.....	do.	38 15
8543	do.	Reliable Plumbing & Heating Co.....	General supplies.....	96 61
8544	do.	H. Y. Carson.....	General supplies and salary.....	335 87
8545	May 8	P. J. Nilsen.....	Wages, April, 1914.....	7 13
8546	do.	Ida Luther.....	do.	21 75
8547	do.	Maude Campbell.....	do.	40 00
8548	do.	Jeanette Craigmile.....	do.	50 00
*8549	do.	T. A. Purcell.....	do.	9 45
8550	May 9	Harry Edison Orr.....	Refund C. P. A. examination fee.....	25 00
8551	do.	H. I. Nelson.....	Dairy products furnished deaprt- ment of dairy husbandry.....	2 30
8552	do.	A. R. Grindley.....	do.	3 50
8553	do.	G. Taylor.....	do.	3 53
8554	do.	Lou Creiger.....	do.	4 76
8555	do.	E. Grove.....	do.	6 78
8556	do.	P. P. Dunn.....	do.	4 62
8557	do.	F. H. Busey.....	do.	2 74
8558	do.	L. G. Van Buskirk.....	do.	2 69
8559	do.	T. Green.....	do.	2 83
8560	do.	J. H. Jenks.....	do.	4 09
8561	do.	R. S. McNeith.....	do.	3 95
8562	do.	J. W. Kelly.....	do.	2 57
8563	do.	C. Watkins.....	do.	2 94
8564	do.	F. Krugh.....	do.	3 00
8565	do.	A. Shields.....	do.	4 84
8566	do.	W. E. Womacks.....	do.	4 42
8567	do.	Z. Alsip.....	do.	2 49
8568	do.	R. L. Meyers.....	do.	3 86
8569	do.	A. E. Burwash.....	do.	4 56
8570	do.	J. Jarrett.....	do.	5 18

\* Cancelled.

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
8571	1914. May 9	J. Hammack.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 5 32
8572	..do....	W. H. Gray.....	..do.....	2 21
8573	..do....	Eugene Dietzgen Co.....	Laboratory supplies.....	1 00
8574	..do....	Johnson Service Co.....	Building material.....	65 00
8575	..do....	H. D. Oberdorfer.....	Traveling expenses.....	25 74
8576	..do....	J. L. Edmonds.....	..do.....	26 39
8577	May 11	Illinois Central R. R. Co.....	Freight.....	8 87
8578	..do....	C., C. C. & St. L. Ry. Co.....	..do.....	2 27
8579	..do....	The Wabash R. R.....	..do.....	9 19
8580	..do....	C., C. C. & St. L. Ry. Co.....	..do.....	34 64
8581	..do....	C., C. C. & St. L. Ry. Co.....	..do.....	3 36
8582	..do....	The Young Men's Christian Assn.....	Office supplies and student assist- ance.....	120 05
8583	..do....	Lawrence Utterback.....	Wages, April, 1914.....	30 72
8584	..do....	Arminta A. Cowden.....	..do.....	70 00
8585	..do....	Douglas Wright, Jr.....	..do.....	10 38
8586	..do....	C. M. Webber.....	Postage.....	2 00
8587	..do....	O. E. Staples, Bursar.....	Express.....	38 86
8588	..do....	O. E. Staples, Bursar.....	..do.....	53 36
8589	..do....	O. E. Staples, Bursar.....	Rebates.....	43 00
8590	..do....	O. E. Staples, Bursar.....	Express.....	66 91
8591	May 12	J. H. Fox.....	Dairy products furnished depart- ment of dairy husbandry.....	3 33
8592	..do....	J. W. Rhoades.....	..do.....	4 09
8593	..do....	H. D. Stickrod.....	..do.....	7 59
8594	..do....	R. Smith.....	..do.....	2 18
8595	..do....	J. E. Henderson.....	..do.....	1 51
8596	..do....	F. Thompson.....	..do.....	2 80
8597	..do....	J. Rueb.....	..do.....	2 60
8598	..do....	C. E. Smoot.....	..do.....	3 86
8599	..do....	S. T. Carter.....	..do.....	4 34
8600	..do....	Pearl Hazen.....	..do.....	4 94
8601	..do....	E. W. Smalley.....	..do.....	5 56
8602	..do....	B. Barber.....	..do.....	4 93
8603	..do....	W. A. Ashworth.....	..do.....	4 10
8604	..do....	H. Cherry.....	..do.....	3 61
8605	..do....	A. E. Burwash.....	..do.....	4 93
8606	..do....	T. F. Jordan.....	..do.....	11 98
8607	..do....	B. Jordan.....	..do.....	10 89
8608	..do....	C. Ross.....	..do.....	7 34
8609	..do....	W. H. Gray.....	..do.....	3 61
8610	May 13	John Bartholomew & Co.....	Laboratory supplies.....	27 85
8611	..do....	Neue Photographische Gesellschaft.....	General supplies.....	15 46
8612	..do....	Karl W. Hiersemann.....	Books.....	4 39
8613	..do....	David Nutt.....	..do.....	3 05
8614	..do....	Gustav Fock.....	..do.....	620 22
8615	..do....	J. Schweitzer.....	..do.....	3 56
8616	..do....	C. M. Webber, Postmaster.....	Postage.....	50 00
8617	..do....	J. T. Montfomery.....	Traveling expenses.....	33 00
8618	..do....	K. C. Babcock.....	..do.....	18 38
8619	..do....	Jules Rousset.....	Books.....	38 00
8620	May 14	O. W. Hampton.....	Dairy products furnished depart- ment of dairy husbandry.....	2 52
8621	..do....	I. H. Besore.....	..do.....	3 42
8622	..do....	R. T. Lumsden.....	..do.....	4 14
8623	..do....	R. A. Lumsden.....	..do.....	3 36
8624	..do....	W. F. Hampton.....	..do.....	4 12
8625	..do....	G. Taylor.....	..do.....	4 59
8626	..do....	C. C. Gordon.....	..do.....	5 15
8627	..do....	R. S. McInnes.....	..do.....	5 24
8628	..do....	D. Wilkins.....	..do.....	4 14
8629	..do....	A. Dunn.....	..do.....	6 66
8630	..do....	G. Schiff.....	..do.....	4 54
8631	..do....	H. M. Corray.....	..do.....	4 54
8632	..do....	Macy Bros.....	..do.....	9 49
8633	..do....	J. W. Rayburn.....	..do.....	3 11
8634	..do....	C. G. Plottner.....	..do.....	4 17
8635	..do....	J. B. Marsh.....	..do.....	6 52
8636	..do....	E. L. Martin.....	..do.....	4 54
8637	..do....	T. M. Clayton.....	..do.....	2 41
8638	..do....	W. E. Yount.....	..do.....	7 06
8639	..do....	P. J. Wagner.....	..do.....	7 48
8640	..do....	W. E. Satterfield.....	..do.....	4 42
8641	..do....	R. H. Brewer.....	..do.....	3 70
8642	..do....	F. Stadden.....	..do.....	3 72
8643	..do....	L. Libka.....	..do.....	2 83
8644	..do....	T. M. Ghere.....	..do.....	6 36
8645	..do....	C. C. Rayburn.....	..do.....	3 72

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
3646	1914. May 14	T. D. Pulliam.....	Dairy products furnished depart- ment of dairy husbandry .....	\$ 3 50
3647	do.....	W. Case.....	do.....	2 77
3648	do.....	I. A. R. Koch.....	do.....	4 56
3649	do.....	F. W. Howell.....	do.....	4 87
3650	do.....	G. W. Van Meter.....	do.....	7 59
3651	do.....	J. Ingelman.....	do.....	4 76
3652	do.....	H. C. Kauffman.....	do.....	4 70
3653	do.....	Smith, Love & Co.....	do.....	2 35
3654	do.....	I. H. Gordon.....	do.....	6 04
3655	do.....	L. W. Maxwell.....	do.....	3 61
3656	do.....	W. C. Welch.....	do.....	5 99
3657	do.....	E. A. Smith.....	do.....	2 88
3658	do.....	E. J. Percival.....	do.....	4 90
3659	do.....	H. E. Slaughter.....	Subscription.....	50 00
3660	do.....	O. J. Troster.....	Clerical work.....	28 38
3661	do.....	G. Hurst.....	Dairy products furnished depart- ment of dairy husbandry.....	
3662	do.....	A. Shields.....	do.....	4 54
3663	do.....	A. W. McIlton.....	do.....	5 77
3664	do.....	R. L. Meyers.....	do.....	4 48
3665	do.....	F. Knox.....	do.....	4 00
3666	do.....	E. S. Hayes.....	do.....	4 31
3667	do.....	R. Childers.....	do.....	3 05
3668	do.....	A. Morgan.....	do.....	2 02
3669	do.....	Z. Alsip.....	do.....	4 96
3670	do.....	J. Ridgely.....	do.....	3 58
3671	do.....	J. D. Penham.....	do.....	2 41
3672	do.....	N. Hahn.....	do.....	3 92
3673	do.....	R. S. McNeill.....	do.....	8 06
3674	do.....	H. Ray.....	do.....	3 95
3675	do.....	W. E. Womack.....	do.....	2 58
3676	do.....	S. G. Richards.....	do.....	4 59
3677	do.....	T. A. McCracken.....	do.....	2 21
3678	do.....	C. A. Fogel.....	do.....	3 19
3679	do.....	J. E. Mitchell.....	do.....	3 47
3680	do.....	W. A. Ashworth.....	do.....	3 44
3681	May 16	J. F. Francis.....	do.....	3 70
3682	do.....	T. P. Lyons.....	do.....	3 19
3683	do.....	E. F. Lyons.....	do.....	3 00
3684	do.....	J. E. Henderson.....	do.....	3 28
3685	do.....	A. Dunn.....	do.....	1 48
3686	do.....	G. Schitt.....	do.....	3 08
3687	do.....	O. W. Hampton.....	do.....	6 05
3688	do.....	W. L. Davis.....	do.....	3 64
3689	do.....	T. M. Guyan.....	do.....	4 17
3690	do.....	W. D. Kohl.....	do.....	4 54
3691	do.....	F. Schweineke.....	do.....	5 24
3692	do.....	W. E. Heyer.....	do.....	4 50
3693	do.....	E. B. Resler.....	do.....	6 80
3694	do.....	J. C. Schrock.....	do.....	8 84
3695	do.....	G. Hobbs.....	do.....	4 28
3696	do.....	D. S. Herritt.....	do.....	5 07
3697	do.....	F. Lowery.....	do.....	3 78
3698	do.....	D. Hahn.....	do.....	4 70
3699	do.....	R. L. McAllister.....	do.....	4 82
3700	do.....	T. M. Ghene.....	do.....	4 90
3701	do.....	R. P. Hayes.....	do.....	3 28
3702	do.....	F. Elliott.....	do.....	1 34
3703	do.....	C. R. Hucks.....	do.....	4 37
3704	do.....	S. G. Richards.....	do.....	2 60
3705	do.....	J. H. Rutan.....	do.....	2 32
3706	do.....	C. A. Fogel.....	do.....	3 02
3707	do.....	J. F. Hubbard.....	do.....	2 13
3708	do.....	T. M. Clayton.....	do.....	2 74
3709	do.....	G. O. McMorris.....	do.....	2 69
3710	do.....	J. W. Rayburn.....	do.....	3 50
3711	do.....	L. Libka.....	do.....	2 74
3712	do.....	Van Carter.....	do.....	6 24
3713	do.....	J. Rueb.....	do.....	3 24
3714	do.....	C. C. Rayburn.....	do.....	6 21
3715	do.....	J. Freeman.....	do.....	5 10
3716	do.....	C. W. Plester.....	do.....	6 10
3717	do.....	G. W. Van Meter.....	do.....	9 80
3718	do.....	G. R. Evans.....	do.....	4 20
3719	do.....	A. W. McIlton.....	do.....	3 16
3720	do.....	R. L. Wirt.....	do.....	8 72
3721	do.....	L. W. Maxwell.....	do.....	3 50
3722	do.....	C. J. Von Holten.....	do.....	6 35
				4 87

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
8723	May 16	E. J. Percival.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 3 38
8724	do.....	H. Giltner.....	do.....	2 07
8725	do.....	E. Grove.....	do.....	7 48
8726	do.....	L. Creiger.....	do.....	6 45
8727	do.....	A. E. Burwash.....	do.....	4 43
8728	do.....	C. Watins.....	do.....	3 65
8729	do.....	E. Smith.....	do.....	3 65
8730	do.....	J. Rueb.....	do.....	2 73
8731	do.....	G. O. McMorris.....	do.....	3 65
8732	do.....	W. W. Wright.....	do.....	2 59
8733	do.....	J. Jarrett.....	do.....	4 71
8734	do.....	E. V. Percival.....	do.....	2 70
8735	do.....	W. H. Gray.....	do.....	3 65
8736	do.....	University of Illinois Supply Store.....	Books.....	25 00
8737	do.....	Little, Brown & Co.....	do.....	5 60
8738	do.....	W. F. Murphey.....	General supplies.....	150 94
8739	do.....	E. C. Amling Co.....	do.....	40 90
8740	do.....	J. Bowman.....	do.....	4 33
8741	do.....	O. E. Staples, Bursar.....	Rebates.....	50 50
8742	do.....	A. C. Callen.....	Traveling expenses.....	22 18
8743	do.....	J. Horace McFarland Co.....	Printing.....	25 00
8744	do.....	D. H. Lloyd.....	Office equipment.....	5 00
8745	do.....	A. J. Lovejoy.....	Traveling expenses and lecture.....	25 00
8746	May 18	American Machinist.....	Advertising.....	1 05
8747	do.....	T. P. Lyons.....	Dairy products furnished depart- ment of dairy husbandry.....	3 81
8748	do.....	H. I. Nelson.....	do.....	3 24
8749	do.....	H. C. Laufman.....	do.....	3 73
8750	do.....	J. Hammack.....	do.....	7 80
8751	do.....	P. P. Dunn.....	do.....	4 32
8752	do.....	A. Dunn.....	do.....	3 24
8753	do.....	C. B. Birkey.....	do.....	4 53
8754	do.....	W. L. Davis.....	do.....	4 32
8755	do.....	A. Sheilds.....	do.....	5 04
8756	do.....	O. A. Foster.....	do.....	3 34
8757	do.....	F. Howell.....	do.....	2 84
8758	do.....	F. Elliott.....	do.....	4 10
8759	do.....	L. Libka.....	do.....	2 59
8760	do.....	J. H. Rutan.....	do.....	2 24
8761	do.....	C. Sadler.....	do.....	2 03
8762	do.....	F. Sraddden.....	do.....	3 65
8763	do.....	C. E. Kelly.....	do.....	3 54
8764	do.....	D. Hahn.....	do.....	4 59
8765	do.....	A. G. Krukewitt.....	do.....	5 51
8766	do.....	L. G. Van Buskirk.....	do.....	3 11
8767	do.....	D. Herriott.....	do.....	3 64
8768	do.....	J. A. R. Koch.....	do.....	4 70
8769	do.....	D. B. White.....	do.....	5 81
8770	do.....	J. Freeman.....	do.....	6 32
8771	do.....	Van Carter.....	do.....	6 13
8772	do.....	W. D. Rohl.....	do.....	7 94
8773	do.....	C. W. Pfeister.....	do.....	8 96
8774	do.....	G. W. Van Meter.....	do.....	4 10
8775	do.....	J. Ingleman.....	do.....	4 50
8776	do.....	G. R. Evans.....	do.....	3 21
8777	do.....	J. C. Shrock.....	do.....	3 80
8778	do.....	C. A. Fogel.....	do.....	2 24
8779	do.....	F. H. Busey.....	do.....	2 16
8780	do.....	C. A. Richman.....	do.....	4 02
8781	do.....	I. H. Gordon.....	do.....	3 89
8782	do.....	I. W. Maxwell.....	do.....	2 67
8783	do.....	E. J. Percival.....	do.....	3 46
8784	do.....	C. J. Von Holten.....	do.....	4 16
8785	do.....	Cromarty Law Book Co.....	Books.....	11 00
8786	do.....	Economic Geology.....	do.....	5 10
8787	do.....	Mining World Co.....	do.....	1 50
8788	do.....	National Conference of Charities & Correc- tion.....	do.....	4 80
8789	do.....	McGraw-Hill Book Co.....	do.....	3 40
8790	do.....	Glasgow, Brook & Co.....	do.....	1 50
8791	do.....	Twin City Bindery & Blank Book Co.....	Binding.....	24 50
8792	do.....	Chas. H. Johnston.....	Traveling expenses.....	19 20
8793	do.....	O. A. Harker.....	do.....	21 23
8794	do.....	Sidney B. Smith.....	do.....	10 00
8795	May 19	Illinois Central R. R. Co.....	Freight.....	4 68
8796	do.....	C. C. C. & St. L. Ry. Co.....	do.....	22 52
8797	do.....	The Wabash R. R.....	do.....	13 01
8798	do.....	W. A. Oldfather.....	Specimens.....	125 00

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
8799	May 1914.	O. E. Staples, Bursar	Express	\$ 15 20
8800	do	Florence E. Watson	Traveling expenses	23 13
8801	do	J. Bertschmann	Certificates	10 00
8802	do	E. L. Lyons	Dairy products furnished department of dairy husbandry	10 00
8803	do	R. Smith	do	3 02
8804	do	H. D. Stickrod	do	2 05
8805	do	F. Thompson	do	3 16
8806	do	J. E. Henderson	do	3 94
8807	do	G. Schir	do	3 62
8808	do	G. Taylor	do	7 16
8809	do	C. E. Snoot	do	5 83
8810	do	S. G. Richards	do	3 40
8811	do	E. W. Smalley	do	2 59
8812	do	Pearl Hazen	do	5 76
8813	do	R. L. Myers	do	2 94
8814	do	E. L. Price	do	4 23
8815	do	E. Householder	do	4 43
8816	do	Macy Bros.	do	3 56
8817	do	J. D. Pulliam	do	9 32
8818	do	F. Lowery	do	3 38
8819	do	G. Hobick	do	4 48
8820	do	J. T. Cander	do	4 40
8821	do	S. T. Carter	do	4 05
8822	do	C. G. Plotner	do	4 70
8823	do	A. Ekblaw	do	3 18
8824	do	W. E. Heyer	do	3 80
8825	do	E. B. Resler	do	2 91
8826	do	A. E. Burwash	do	2 91
8827	do	B. Jordan	do	4 75
8828	do	C. Ross	do	12 34
8829	do	T. F. Jordan	do	7 67
8830	do	W. H. Gray	do	12 26
8831	do	S. Atchison	do	3 24
8832	do	J. McCullough	do	6 05
8833	do	J. Weiss	do	9 60
8834	do	B. Graham	Specimens	12 06
8835	May 20	Karl W. Harsemann	do	4 29
8836	do	Jos. Keltinayr	Office supplies	109 18
8837	do	D. H. Loyde	Dairy products furnished department of dairy husbandry	283 80
8838	do	H. M. Corray	do	6 20
8839	do	M. Hudson	do	4 68
8840	do	C. B. Vaughn	do	2 68
8841	do	E. Grove	do	2 76
8842	do	L. Creiger	do	6 37
8843	do	E. C. Burr	do	4 37
8844	do	A. Dunn	do	3 07
8845	do	K. S. McInness	do	5 64
8846	do	D. C. Gordon	do	4 79
8847	do	S. Wilkins	do	5 21
8848	do	R. T. Lunsden	do	3 51
8849	do	W. F. Hampton	do	3 70
8850	do	F. A. Lunsden	do	3 09
8851	do	J. Whisley	do	3 15
8852	do	R. L. Whit	do	4 29
8853	do	W. E. Heyer	do	3 81
8854	do	J. W. Rhoades	do	3 27
8855	do	F. Knox	do	4 80
8856	do	J. W. Kelly	do	3 55
8857	do	A. W. Ashworth	do	2 42
8858	do	A. Morgan	do	3 30
8859	do	T. M. Gheie	do	4 58
8860	do	F. Kriekewitz	do	5 72
8861	do	H. C. Kaufman	do	2 86
8862	do	C. C. Kayburn	do	3 46
8863	do	J. W. Rayburn	do	4 21
8864	do	J. A. E. Koeh	do	4 65
8865	do	R. H. McAlister	do	4 00
8866	do	L. Libka	do	4 32
8867	do	E. L. Martin	do	2 13
8868	do	Z. Alsip	do	4 84
8869	do	H. Kay	do	3 09
8870	do	W. E. Satterfield	do	2 44
8871	do	G. Hurst	do	4 60
8872	do	W. E. Yoncks	do	4 16
8873	do	W. E. Yount	do	3 80
8874	do	F. Alsip	do	6 37
8875	do	T. M. Clayton	do	2 50
8876	do	do	do	2 24



## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
8876	May 20	R. Childers.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 2 31
8877	do.	E. Elliott.....	do.	3 59
8878	do.	P. J. Wagner.....	do.	5 67
8879	do.	R. H. Brewer.....	do.	3 25
8880	do.	J. Rueb.....	do.	4 00
8881	do.	J. B. Marsh.....	do.	5 72
8882	do.	F. Krugh.....	do.	2 50
8883	do.	E. L. Martin.....	do.	4 58
8884	do.	N. Hahn.....	do.	7 18
8885	do.	F. Schweineke.....	do.	3 98
8886	do.	W. Case.....	do.	2 81
8887	do.	Smith-Love & Co.....	do.	2 50
8888	do.	A. Shields.....	do.	5 32
8889	do.	E. R. Lape.....	do.	3 27
8890	do.	G. W. Van Meter.....	do.	7 77
8891	do.	J. M. Herriott.....	do.	2 25
8892	do.	Mary Warner.....	do.	4.12
8893	do.	F. H. Busey.....	do.	2 00
8894	do.	I. H. Gordon.....	do.	5 62
8895	do.	W. C. Welch.....	do.	4 42
8896	do.	J. E. Mitchell.....	do.	3 56
8897	do.	E. A. Smith.....	do.	2 83
8898	do.	I. W. Maxwell.....	do.	2 96
8899	do.	E. J. Percival.....	do.	5 38
8900	do.	A. R. Grindley.....	do.	2 83
8901	May 21	W. E. Billhorn.....	Loan.....	75 00
8902	do.	County Collector Champaign County.....	Farm land.....	38 40
8903	do.	Stafford Engraving Co.....	Printing and publishing.....	28 16
8904	do.	G. E. Stechert & Co.....	Books.....	2 00
8905	do.	A. C. McClurg & Co.....	do.	5 77
8906	do.	C. A. Kiler.....	Furniture.....	198 90
8907	do.	Chas. E. Mueller & Co.....	General supplies.....	3 75
8908	May 23	R. S. Prunty.....	Rent.....	100 00
8909	do.	Wakem & McLaughlin.....	Freight and express.....	11 13
8910	do.	Benziger Bros.....	Books.....	3 25
8911	do.	H. D. Stickrod.....	Dairy products furnished depart- ment of dairy husbandry.....	7 25
8912	do.	O. W. Hampton.....	do.	3 38
8913	do.	T. P. Lyons.....	do.	2 13
8914	do.	J. W. Bahlow.....	do.	4 86
8915	do.	J. E. Esworthy.....	do.	6 08
8916	do.	J. Grindley.....	do.	2 46
8917	do.	E. L. Rohlfing.....	do.	2 90
8918	do.	S. T. Carter.....	do.	3 19
8919	do.	C. Sadler.....	do.	1 77
8920	do.	C. Watkins.....	do.	2 50
8921	do.	L. G. Van Buskirk.....	do.	2 60
8922	do.	T. M. Ghene.....	do.	3 51
8923	do.	C. A. Fogel.....	do.	6 99
8924	do.	H. F. Ridgley.....	do.	3 04
8925	do.	J. D. Perham.....	do.	3 22
8926	do.	E. S. Hayes.....	do.	2 91
8927	do.	T. M. Guynn.....	do.	4 38
8928	do.	A. E. Burwash.....	do.	3 20
8929	do.	H. Giltner.....	do.	3 99
8930	do.	W. H. Gray.....	do.	3 02
8931	do.	J. Jarrett.....	do.	3 54
8932	do.	E. Householder.....	do.	2 96
8933	do.	W. Van Buskirk.....	do.	3 54
8934	do.	J. Freeman.....	do.	6 40
8935	May 25	A. R. Grindley.....	do.	3 12
8936	do.	H. I. Nelson.....	do.	3 20
8937	do.	J. E. Henderson.....	do.	1 82
8938	do.	C. Taylor.....	do.	2 60
8939	do.	E. V. Percival.....	do.	2 97
8940	do.	A. Dunn.....	do.	2 60
8941	do.	I. H. Besore.....	do.	2 03
8942	do.	G. Schiff.....	do.	4 94
8943	do.	P. P. Dunn.....	do.	4 13
8944	do.	R. L. Myers.....	do.	3 81
8945	do.	T. M. McCracken.....	do.	2 88
8946	do.	O. A. Foster.....	do.	3 11
8947	do.	S. G. Richards.....	do.	2 44
8948	do.	J. Engleman.....	do.	3 76
8949	do.	J. C. Shrock.....	do.	3 71
8950	do.	E. L. Martin.....	do.	4 06
8951	do.	G. W. Van Meter.....	do.	3 76
8952	do.	T. M. Clayton.....	do.	2 55

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
8953	May 25	F. Stadden.....	Dairy products furnished depart- ment of dairy husbandry .....	\$ 3 28
8954	..do....	E. M. Frankenburg.....	..do.....	3 51
8955	..do....	L. Libka.....	..do.....	3 25
8956	..do....	W. J. Wilson.....	..do.....	1 72
8957	..do....	J. B. Marsh.....	..do.....	4 24
8958	..do....	J. Rueb.....	..do.....	2 50
8959	..do....	D. B. White.....	..do.....	4 39
8960	..do....	J. Hilderhaut.....	..do.....	4 68
8961	..do....	Van Carter.....	..do.....	6 45
8962	..do....	E. L. Price.....	..do.....	4 63
8963	..do....	W. D. Rohl.....	..do.....	6 94
8964	..do....	J. H. Fox.....	..do.....	3 28
8965	..do....	W. A. Ashworth.....	..do.....	4 00
8966	..do....	F. W. Howell.....	..do.....	6 71
8967	..do....	J. A. R. Koch.....	..do.....	3 90
8968	..do....	W. E. Womacks.....	..do.....	3 51
8969	..do....	J. H. Rutan.....	..do.....	2 42
8970	..do....	D. Hahn.....	..do.....	4 71
8971	..do....	W. E. Yount.....	..do.....	4 55
8972	..do....	C. G. Plottner.....	..do.....	4 00
8973	..do....	C. Pfeister.....	..do.....	7 96
8974	..do....	F. H. Busey.....	..do.....	1 95
8975	..do....	W. L. Wirt.....	..do.....	3 92
8976	..do....	D. S. Herriott.....	..do.....	3 76
8977	..do....	W. E. Heyer.....	..do.....	3 14
8978	..do....	W. L. Davids.....	..do.....	4 25
8979	..do....	Geo. Evans.....	..do.....	2 95
8980	..do....	A. Shields.....	..do.....	4 36
8981	..do....	I. H. Gordon.....	..do.....	3 12
8982	..do....	J. Hammack.....	..do.....	6 99
8983	..do....	E. J. Percival.....	..do.....	3 07
8984	..do....	W. E. Satterfield.....	..do.....	4 11
8985	..do....	First National Bank, Urbana, Ill.	Draft, specimens.....	698 05
8986	..do....	Receivers, Central Union Telephone Co.	Telephone and telegraph.....	19 85
8987	..do....	Illinois State Reformatory.....	Printing.....	3 80
8988	..do....	Carmen H. Steitz.....	Wages, May, 1914.....	65 00
8989	..do....	Hazel W. Ricketts.....	..do.....	40 00
8990	..do....	L. D. Hall.....	..do.....	43 27
8991	..do....	Florence Keller.....	..do.....	60 00
8992	May 26	Gustav Fock.....	Books.....	682 02
8993	..do....	Martinus Nijhoff.....	..do.....	15 64
8994	..do....	Oswald Weigel.....	..do.....	35 60
8995	..do....	Paul Gottschalk.....	..do.....	1 78
8996	..do....	John Davis.....	..do.....	1 14
8997	..do....	Honore Champion.....	..do.....	8 88
8998	..do....	Leo S. Olschki.....	..do.....	36 80
8999	..do....	Ludwig Moller.....	..do.....	3 00
9000	..do....	The Times Book Club.....	..do.....	65 65
9001	..do....	Otto Lange.....	..do.....	6 97
9002	..do....	Pickering & Chatto.....	..do.....	3 35
9003	..do....	Bowes & Bowes.....	..do.....	2 22
9004	..do....	Ch. Chadenat.....	..do.....	93 31
9005	..do....	Karl W. Hiersemann.....	..do.....	231 17
9006	..do....	Leo Liepmannssohn.....	..do.....	209 76
9007	..do....	Dultz & Co.....	..do.....	17 67
9008	..do....	Otto Harrassowitz.....	..do.....	208 67
9009	..do....	Morang & Co.....	..do.....	44 95
9010	..do....	John Davis.....	..do.....	1 60
9011	..do....	Arthur Reader.....	..do.....	2 91
9012	..do....	Bertram Dobell.....	..do.....	6 47
9013	..do....	Adolf Herberich.....	..do.....	4 29
9014	..do....	Kral's Bakteriologisches Museum.....	Laboratory supplies.....	4 00
9015	..do....	O. E. Staples, Bursar.....	Sundry bills.....	14 60
9016	..do....	C. M. McConn.....	Traveling expenses.....	19 24
9017	..do....	Harris & Mead.....	Ice cream.....	6 90
9018	..do....	Walker & Mulliken.....	Furniture.....	6 75
9019	..do....	Königlichen Bibliothek.....	Catalog cards.....	18 70
9020	..do....	K. J. Trubner.....	Specimens.....	3 70
9021	..do....	University Lecturers Assn.....	Lectures.....	300 00
9022	..do....	Eugene Davenport.....	Salary, Mary, 1914.....	500 00
9023	..do....	B. E. Powell.....	..do.....	191 66
9024	..do....	J. H. Checkley.....	..do.....	83 33
9025	..do....	Augusta D. Evans.....	..do.....	83 33
9026	..do....	R. E. Hieronymus.....	..do.....	125 00
9027	..do....	A. W. Jamison.....	..do.....	168 66
9028	..do....	W. P. Miller.....	..do.....	41 66
9029	..do....	A. W. Nolan.....	..do.....	200 00
9030	..do....	F. H. Rankin.....	..do.....	291 66

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
9031	May 1914.	F. C. Bauer.	Salary, May, 1914.....	\$133 33
9032	do.	W. L. Burison.	do.	116 66
9033	do.	E. T. Dickerson.	do.	133 33
9034	do.	E. T. Ebercol.	do.	60 00
9035	do.	K. J. T. Eckblaw.	do.	133 33
9036	do.	F. A. Fisher.	do.	100 00
9037	do.	O. S. Fisher.	do.	208 33
9038	do.	A. F. Gustafson.	do.	175 00
9039	do.	Leonard Hegnauer.	do.	250 00
9040	do.	M. E. Jahr.	do.	140 00
9041	do.	J. G. Mosier.	do.	291 66
9042	do.	J. H. Pettit.	do.	250 00
9043	do.	C. O. Reed.	do.	120 00
9044	do.	L. H. Smith.	do.	291 66
9045	do.	H. W. Stewart.	do.	150 00
9046	do.	E. A. White.	do.	175 00
9047	do.	A. L. Whiting.	do.	150 00
9048	do.	D. O. Barto.	do.	200 00
9049	do.	Sleeter Bull.	do.	133 33
9050	do.	W. J. Carmichael.	do.	91 66
9051	do.	W. C. Coffey.	do.	286 66
9052	do.	J. A. Detlesen.	do.	200 00
9053	do.	J. L. Edmonds.	do.	208 33
9054	do.	W. F. Handschin.	do.	200 00
9055	do.	H. W. Munford.	do.	416 66
9056	do.	H. P. Rusk.	do.	208 33
9057	do.	F. M. Simpson.	do.	133 33
9058	do.	W. H. Smith.	do.	125 00
9059	do.	J. J. Yoke.	do.	83 33
9060	do.	R. E. Brand.	do.	175 00
9061	do.	W. T. Crandall.	do.	150 00
9062	do.	W. J. Fraser.	do.	291 66
9063	do.	R. S. Hulce.	do.	116 66
9064	do.	O. A. Keller.	do.	91 66
9065	do.	LeRoy Lang.	do.	175 00
9066	do.	H. N. Parker.	do.	200 00
9067	do.	H. A. Ruehe.	do.	133 33
9068	do.	W. W. Yapp.	do.	91 66
9069	do.	F. A. Aust.	do.	83 33
9070	do.	E. W. Bailey.	do.	175 00
9071	do.	S. J. Boile.	do.	150 00
9072	do.	A. S. Colby.	do.	60 00
9073	do.	C. S. Crandall.	do.	291 66
9074	do.	H. B. Dornier.	do.	250 00
9075	do.	C. E. Durst.	do.	150 00
9076	do.	L. E. Foglesong.	do.	116 66
9077	do.	J. J. Gardner.	do.	100 00
9078	do.	R. W. Hoffman.	do.	70 00
9079	do.	J. W. Lloyd.	do.	291 66
9080	do.	Wilhelm Miller.	do.	250 00
9081	do.	C. M. Robinson.	do.	100 00
9082	do.	R. R. Root.	do.	208 33
9083	do.	F. A. C. Smith.	do.	125 00
9084	do.	O. S. Watkins.	do.	175 00
9085	do.	B. S. Pickett.	do.	250 00
9086	do.	Isabel Bevier.	do.	250 00
9087	do.	Nina B. Crigler.	do.	116 66
9088	do.	Georgia Fleming.	do.	100 00
9089	do.	Nellie Goldthwaite.	do.	187 50
9090	do.	Cora E. Gray.	do.	115 66
9091	do.	Florence Harrison.	do.	100 00
9092	do.	Maud Parsons.	do.	100 00
9093	do.	Helena M. Pincomb.	do.	116 66
9094	do.	Lutrene Seymour.	do.	133 33
9095	do.	Grace B. Stevens.	do.	150 00
9096	do.	Ruth Wheeler.	do.	110 00
9097	do.	Donald McIntosh.	do.	141 66
9098	do.	Percy Ash.	do.	208 33
9099	do.	C. R. Clark.	do.	166 66
9100	do.	L. H. Provine.	do.	291 66
9101	do.	N. C. Ricker.	do.	291 66
9102	do.	L. O. Baker.	do.	333 33
9103	do.	N. B. Garver.	do.	333 33
9104	do.	A. B. McDaniel.	do.	141 66
9105	do.	J. E. Smith.	do.	229 16
9106	do.	W. M. Wilson.	do.	150 00
9107	do.	P. S. Biegler.	do.	133 33
9108	do.	Morgan Brooks.	do.	166 66
9109	do.	J. M. Bryant.	do.	250 00
				229 16

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
9110	May 1914.	L. W. Fisk.	Salary, May, 1914.	\$133 33
9111	do.	L. V. James.	do.	133 33
9112	do.	L. A. Dent.	do.	150 00
9113	do.	G. A. Goodenough.	do.	291 66
9114	do.	L. A. Harding.	do.	291 66
9115	do.	O. A. Lettwiler.	do.	241 66
9116	do.	F. J. Rehnman.	do.	80 00
9117	do.	A. C. Willard.	do.	200 00
9118	do.	W. L. Enger.	do.	157 50
9119	do.	V. B. Fleming.	do.	150 00
9120	do.	A. F. Carman.	do.	418 66
9121	do.	C. T. Knipp.	do.	238 33
9122	do.	Jacob Kutz.	do.	208 33
9123	do.	F. E. Watson.	do.	229 16
9124	do.	E. H. Williams.	do.	141 66
9125	do.	W. F. Schulz.	do.	153 33
9126	do.	A. M. Buck.	do.	150 00
9127	do.	A. F. Cornstock.	do.	166 66
9128	do.	E. C. Schmidt.	do.	333 33
9129	do.	Otto Rahn.	do.	225 00
9130	do.	C. F. Hottes.	do.	250 00
9131	do.	William Trelease.	do.	418 66
9132	do.	C. W. Balke.	do.	250 00
9133	do.	C. G. Derick.	do.	166 66
9134	do.	S. W. Parr.	do.	333 33
9135	do.	G. M. Smith.	do.	166 66
9136	do.	E. W. Washburn.	do.	166 66
9137	do.	H. C. F. Weber.	do.	208 33
9138	do.	J. W. Folsom.	do.	250 00
9139	do.	A. D. McGilivray.	do.	250 00
9140	do.	W. S. Bayley.	do.	250 00
9141	do.	C. W. Holte.	do.	250 00
9142	do.	T. E. Savage.	do.	125 00
9143	do.	K. L. Borger.	do.	166 66
9144	do.	A. R. Craddock.	do.	157 50
9145	do.	Arnold Enrich.	do.	150 00
9146	do.	E. B. Lytle.	do.	150 00
9147	do.	G. A. Miller.	do.	291 66
9148	do.	H. L. Rietz.	do.	158 33
9149	do.	J. B. Shaw.	do.	229 16
9150	do.	C. H. Sisson.	do.	158 33
9151	do.	E. J. Townsend.	do.	333 33
9152	do.	C. Adams.	do.	187 50
9153	do.	J. S. Kingsley.	do.	291 66
9154	do.	Chas. Zeleny.	do.	249 37
9155	do.	J. B. Rush.	Traveling expenses.	18 04
9156	May 27.	H. E. Fergully.	Salary, June, 1914.	10 00
9157	do.	L. N. Bear, County Collector.	Taxes.	106 34
9158	do.	E. F. Lyon.	Dairy products furnished department of dairy husbandry.	3 35
9159	do.	E. Grove.	do.	6 32
9160	do.	L. Creger.	do.	5 33
9161	do.	K. Smith.	do.	1 95
9162	do.	F. Thompson.	do.	2 85
9163	do.	J. M. Herrick.	do.	1 94
9164	do.	E. L. Martin.	do.	3 90
9165	do.	K. Childers.	do.	1 85
9166	do.	E. S. Hayes.	do.	2 67
9167	do.	H. D. Feham.	do.	3 07
9168	do.	J. Rueli.	do.	2 31
9169	do.	Fearl Hazen.	do.	4 40
9170	do.	S. J. Carter.	do.	3 32
9171	do.	C. E. Cander.	do.	3 51
9172	do.	John Cander.	do.	4 35
9173	do.	E. R. Lape.	do.	3 49
9174	do.	G. Hobick.	do.	3 11
9175	do.	J. E. Mitchell.	do.	3 51
9176	do.	B. Jordan.	do.	4 07
9177	do.	T. J. Jordan.	do.	10 06
9178	do.	C. A. Rehnman.	do.	14 92
9179	do.	C. Floss.	do.	4 09
9180	do.	T. Lowery.	do.	8 27
9181	do.	A. E. Rutwash.	do.	3 80
9182	do.	L. B. Maxwell.	do.	4 06
9183	do.	C. B. Vaughn.	do.	4 91
9184	do.	W. H. Gray.	do.	3 51
9185	do.	Cleveland Grain Co.	Com. Binding.	700 00
9186	do.	Paragon Printing & Stationery Co.	do.	314 50

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914.				
9188 May 27	Illinois State Reformatory . . . . .	Printing . . . . .	\$144 75	
9189 do	O. E. Staples, Bursar . . . . .	Express . . . . .	57 78	
9190 May 28	A. Dunn. . . . .	Dairy products furnished depart- ment of dairy husbandry . . . . .	35 78	
9191 do	M. Hudson. . . . .	do . . . . .	5 77	
9192 do	D. Wilkins . . . . .	do . . . . .	2 60	
9193 do	C. C. Gordon. . . . .	do . . . . .	2 81	
9194 do	R. S. McInnes. . . . .	do . . . . .	3 85	
9195 do	O. W. Hampton. . . . .	do . . . . .	4 42	
9196 do	J. W. Rhoades. . . . .	do . . . . .	2 63	
9197 do	G. C. Cochran. . . . .	do . . . . .	4 36	
9198 do	F. Elliott. . . . .	do . . . . .	3 43	
9199 do	S. G. Richards. . . . .	do . . . . .	3 38	
9200 do	P. J. Wegner. . . . .	do . . . . .	2 29	
9201 do	H. Ray. . . . .	do . . . . .	5 67	
9202 do	J. D. Pulliam. . . . .	do . . . . .	1 74	
9203 do	W. Case. . . . .	do . . . . .	3 59	
9204 do	W. E. Yount. . . . .	do . . . . .	2 29	
9205 do	H. C. Kaufman. . . . .	do . . . . .	4 73	
9206 do	D. Herriott. . . . .	do . . . . .	3 15	
9207 do	F. Knox. . . . .	do . . . . .	5 45	
9208 do	W. D. Rohl. . . . .	do . . . . .	3 66	
9209 do	N. Hahn. . . . .	do . . . . .	7 02	
9210 do	A. G. Krukewilt. . . . .	do . . . . .	7 83	
9211 do	E. W. Smalley. . . . .	do . . . . .	5 02	
9212 do	Macy Bros. . . . .	do . . . . .	4 86	
9213 do	L. Libka. . . . .	do . . . . .	8 89	
9214 do	C. Sadler. . . . .	do . . . . .	2 89	
9215 do	R. H. Brewer. . . . .	do . . . . .	1 79	
9216 do	A. Morgan. . . . .	do . . . . .	3 64	
9217 do	T. M. Ghere. . . . .	do . . . . .	4 37	
9218 do	J. H. Umbanhower . . . . .	do . . . . .	5 49	
9219 do	W. J. Wilson. . . . .	do . . . . .	3 90	
9220 do	W. A. Ashworth. . . . .	do . . . . .	2 05	
9221 do	T. M. Clayton. . . . .	do . . . . .	3 35	
9222 do	F. H. Bussey. . . . .	do . . . . .	2 50	
9223 do	C. A. Fogel. . . . .	do . . . . .	1 74	
9224 do	J. W. Rayburn. . . . .	do . . . . .	4 50	
9225 do	C. C. Rayburn. . . . .	do . . . . .	4 37	
9226 do	G. W. Van Meter. . . . .	do . . . . .	6 71	
9227 do	J. Ingelman. . . . .	do . . . . .	5 85	
9228 do	A. Shields. . . . .	do . . . . .	3 71	
9229 do	Gus Patterson. . . . .	do . . . . .	4 80	
9230 do	R. L. Wirt. . . . .	do . . . . .	4 21	
9231 do	L. H. Gordon. . . . .	do . . . . .	4 83	
9232 do	E. A. Smith. . . . .	do . . . . .	5 66	
9233 do	E. J. Percival. . . . .	do . . . . .	2 58	
9234 do	C. J. Von Holten. . . . .	do . . . . .	4 81	
9235 do	W. C. Welch. . . . .	do . . . . .	3 74	
9236 do	E. C. Burr. . . . .	do . . . . .	5 07	
9237 do	H. Githner. . . . .	do . . . . .	3 17	
9238 do	Emms Hay Co. . . . .	Feeding stuffs . . . . .	175 14	
9239 do	C. S. Hill. . . . .	Running piano. . . . .	2 00	
9240 do	The Ronald Press Co. . . . .	Advertising . . . . .	2 50	
9241 do	Wurttembergische Metallwarenfabrik. . . . .	Specimens . . . . .	291 12	
9242 do	O. E. Staples, Bursar . . . . .	Express . . . . .	55 85	
9243 do	O. E. Staples, Bursar . . . . .	Sturdy bills . . . . .	70 88	
9244 do	Postal Tel. & Cable Co. . . . .	Telephone and telegraph. . . . .	9 10	
9245 do	The Western Union Telegraph Co. . . . .	do . . . . .	22 77	
9246 do	Receivers, Central Union Tel. Co. . . . .	do . . . . .	28 35	
9247 do	Western Union Telegraph Co. . . . .	do . . . . .	22 77	
9248 May 29	J. R. Newberry. . . . .	do . . . . .	36 32	
9249 do	W. E. Meier. . . . .	Dairy products furnished depart- ment of dairy husbandry . . . . .	7 64	
9250 do	Rossville Creamery Co. . . . .	do . . . . .	4 92	
9251 do	Fred. Grimm. . . . .	do . . . . .	4 39	
9252 do	A. J. Bragzer. . . . .	do . . . . .	4 65	
9253 do	F. W. Larsen. . . . .	do . . . . .	5 00	
9254 do	H. E. Siegman. . . . .	do . . . . .	7 24	
9255 do	Olney Creamery Assn. . . . .	do . . . . .	6 89	
9256 do	Collier Bros. . . . .	do . . . . .	14 16	
9257 do	Richmond Bros. . . . .	do . . . . .	7 50	
9258 do	M. E. Simonsen. . . . .	do . . . . .	7 44	
9259 do	H. A. Henry. . . . .	do . . . . .	2 25	
9260 do	Sanitary Creamery Co. . . . .	do . . . . .	4 70	
9261 do	W. P. Gilbert. . . . .	do . . . . .	5 25	
9262 do	A. J. Spohn. . . . .	do . . . . .	8 00	
9263 do	C. J. Jacobsen. . . . .	do . . . . .	4 40	
9264 do	Green River Creamery Co. . . . .	do . . . . .	15 27	

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
9265	May 29	H. G. Paul	Dairy products furnished department of dairy husbandry	\$ 16 83
9266	do.	Historical Commission of South Carolina	Books	23 75
9267	do.	Bremer W. Pong	Traveling expenses	123 54
9268	do.	Pantagraph Printing & Stationery Co.	Printing	348 07
9269	do.	H. D. Stickrod	Dairy products furnished department of dairy husbandry	5 28
9270	do.	G. Schiff	do.	5 82
9271	do.	A. R. Grindley	do.	2 31
9272	do.	H. I. Nelson	do.	2 68
9273	do.	E. V. Percival	do.	1 80
9274	do.	J. E. Henderson	do.	2 52
9275	do.	H. M. Corray	do.	3 30
9276	do.	G. Hurst	do.	2 57
9277	do.	W. E. Womacks	do.	2 96
9278	do.	E. P. Ott	do.	3 46
9279	do.	G. O. McMorris	do.	2 78
9280	do.	Urbana Dairy	do.	2 83
9281	do.	Smith-Love Co.	do.	3 12
9282	do.	J. Freeman	do.	5 75
9283	do.	E. Householder	do.	4 21
9284	do.	R. L. Rohlfing	do.	3 81
9285	do.	F. P. Dalbey	do.	2 21
9286	do.	L. G. Van Buskirk	do.	3 20
9287	do.	W. E. Heyer	do.	3 34
9288	do.	B. Jordan	do.	2 99
9289	do.	C. Ross	do.	3 15
9290	do.	T. F. Jordan	do.	6 71
9291	do.	A. E. Burwash	do.	3 85
9292	do.	W. H. Gray	do.	2 65
9293	do.	J. D. Perham	do.	3 12
9294	do.	J. J. Brennon	Feeding stuffs	35 88
9295	do.	The H. W. Wilson Co.	Magazines	19 80
9296	do.	The Boston Book Co.	Books	2 75
9297	do.	Tice & Lynch	Freight and express	12 95
9298	do.	G. W. Sheldon	do.	18 62
9299	May 30	F. J. Peterson	Dairy products furnished department of dairy husbandry	5 25
9300	do.	Pauline Groves	Wages, May, 1914	20 38
9301	do.	Russell D. V. Castle	do.	42 38
9302	do.	Bess Lindley	do.	8 70
9303	June 2	Postmaster, Urbana, Ill.	Postage	20 00
9304	do.	R. H. Brooks	Wages, May 1914	11 80
9305	do.	C. C. Foulke	do.	20 80
9306	do.	O. W. Allen	do.	24 20
9307	do.	Ruth Halliday	do.	33 60
9308	do.	Martha Larson	do.	25 20
9309	do.	Isabella Anderson	do.	20 40
9310	do.	Elizabeth Dunn	do.	13 60
9311	do.	Oliver Paine	do.	24 00
9312	do.	A. P. Kelley	do.	44 40
9313	do.	J. K. Tuthill	do.	10 50
9314	do.	C. E. Nickolls	do.	30 10
9315	do.	N. C. Seidenberg	do.	25 00
9316	do.	H. H. Harwood	do.	30 75
9317	do.	C. W. Cleworth	do.	14 25
9318	do.	Erle Cavette	do.	33 00
9319	do.	Kenneth Brown	do.	25 00
9320	do.	Nob Inagaki	do.	30 10
9321	do.	S. Winquist	do.	12 50
9322	do.	O. B. Kircher	do.	24 59
9323	do.	W. L. Frank	do.	26 03
9324	do.	F. W. Graves	do.	26 63
9325	do.	L. F. Simpson	do.	1 50
9326	do.	R. M. Stevens	do.	14 50
9327	do.	L. H. Yeazel	do.	18 00
9328	do.	C. F. Barkman	do.	17 60
9329	do.	Denton Magruder	do.	17 60
9330	do.	Esther Hurst	do.	25 00
9331	do.	Gladys Leonard	do.	10 80
9332	do.	A. Bagusin	do.	18 00
9333	do.	W. A. MacNally	do.	11 80
9334	do.	The Wabash R. R.	Freight	198 32
9335	do.	The Illinois Central R. R. Co.	do.	13 19
9336	do.	C., C. C. & St. L. Ry. Co.	do.	138 67
9337	do.	Illinois Traction System	do.	31 04
9338	do.	The Wabash R. R.	do.	1 27
9339	do.	Chester G. Vernier	do.	14 29
9340	do.	A. R. Warnock	Traveling expenses	56 10

GENERAL UNIVERSITY VOUCHERS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
9341	June 1914.	2		
9342	do.	W. L. Abbot.	Travelling expenses	\$39 02
9343	do.	Dr. Alexander Green.	Clerical work	4 50
9343	do.	O. E. Staples, Bursar.	Express.	36 48
9344	do.	O. E. Staples, Bursar.	Sundry bills.	43 35
9345	do.	H. C. Kaufman.	Dairy products furnished department of dairy husbandry.	3 69
9346	do.	J. C. Woodin.	do.	1 43
9347	do.	D. Wilkins.	do.	1 46
9348	do.	E. Grove.	do.	3 59
9349	do.	L. Creiger.	do.	3 85
9350	do.	A. Dunn.	do.	2 60
9351	do.	T. P. Loons.	do.	2 05
9352	do.	P. P. Dunn.	do.	4 68
9353	do.	R. Graham.	do.	2 12
9354	do.	J. Weiss.	do.	10 91
9355	do.	J. McCullough.	do.	11 56
9356	do.	E. M. Frankenburg.	do.	2 34
9357	do.	J. H. Rutan.	do.	2 24
9358	do.	F. Krukewitt.	do.	2 78
9359	do.	C. G. Plotner.	do.	4 24
9360	do.	E. L. Price.	do.	4 68
9361	do.	J. D. Pulliam.	do.	3 17
9362	do.	T. M. Ghene.	do.	3 22
9363	do.	J. A. R. Koch.	do.	4 58
9364	do.	Van Carter.	do.	3 80
9365	do.	J. Rueb.	do.	3 17
9366	do.	W. E. Satterfield.	do.	4 60
9367	do.	R. H. McAlister.	do.	4 08
9368	do.	Z. Alsip.	do.	3 38
9369	do.	F. W. Howell.	do.	5 50
9370	do.	R. P. Hayes.	do.	2 03
9371	do.	T. M. Clayton.	do.	2 50
9372	do.	Pearl Hazen.	do.	2 63
9373	do.	E. Smith.	do.	2 76
9374	do.	D. Hahn.	do.	3 87
9375	do.	D. B. White.	do.	3 74
9376	do.	F. Stadden.	do.	3 95
9377	do.	J. B. Marsh.	do.	6 14
9378	do.	S. T. Carter.	do.	3 74
9379	do.	F. Elliott.	do.	3 45
9380	do.	G. W. Van Meter.	do.	3 16
9381	do.	D. S. Herritt.	do.	3 19
9382	do.	W. A. Ashworth.	do.	2 86
9383	do.	F. H. Bussey.	do.	1 53
9384	do.	C. Pleister.	do.	8 53
9385	do.	O. A. Foster.	do.	2 77
9386	do.	E. B. Resler.	do.	3 06
9387	do.	J. C. Shrock.	do.	3 66
9388	do.	E. J. Percival.	do.	3 18
9389	do.	L. W. Maxwell.	do.	2 42
9390	do.	J. Hammack.	do.	5 98
9391	do.	O. W. Hampton.	do.	1 85
9392	do.	W. C. Welch.	do.	2 68
9393	do.	T. N. Burwash.	do.	1 64
9394	do.	S. Atchison.	do.	4 50
9395	June	3 A. H. Aagaard.	Military scholarship, 1913-14.	24 00
9396	do.	W. C. Armstrong.	do.	24 00
9397	do.	E. K. Augustus.	do.	24 00
9398	do.	A. M. Baker.	do.	24 00
9399	do.	H. E. Barden.	do.	24 00
9400	do.	A. M. Barreau.	do.	24 00
9401	do.	E. J. Bartz.	do.	24 00
9402	do.	A. W. Baumgarten.	do.	12 00
9403	do.	F. H. Bergand.	do.	24 00
9404	do.	C. H. Bergwald.	do.	24 00
9405	do.	E. H. Berry.	do.	24 00
9406	do.	W. J. Blum.	do.	24 00
9407	do.	L. C. Bow.	do.	24 00
9408	do.	W. E. Bow.	do.	24 00
9409	do.	W. J. Budnitz.	do.	24 00
9410	do.	G. H. Butler.	do.	24 00
9411	do.	L. R. Cline.	do.	24 00
9412	do.	H. E. Codlin.	do.	24 00
9413	do.	S. S. Davis.	do.	24 00
9414	do.	B. H. Decker.	do.	24 00
9415	do.	E. R. Dillayou.	do.	24 00
9416	do.	E. A. Doisy.	do.	24 00
9417	do.	E. C. Elles.	do.	24 00
9418	do.		do.	24 00

GENERAL UNIVERSITY VOUCHERS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
9419	June 1914.	L. H. Dunham	Military scholarship, 1913-14.	\$24 00
9420	do.	L. W. Faulkner		24 00
9421	do.	C. P. Fletcher	do.	24 00
9422	do.	F. R. Foster	do.	24 00
9423	do.	F. H. Gehler	do.	24 00
9424	do.	J. M. Greene	do.	24 00
9425	do.	G. D. Griswold	do.	24 00
9426	do.	A. H. Grunewald	do.	24 00
9427	do.	E. L. Hasker	do.	24 00
9428	do.	R. L. Herman	do.	24 00
9429	do.	R. B. Hinman	do.	24 00
9430	do.	M. E. Holt	do.	24 00
9431	do.	C. F. Hood	do.	24 00
9432	do.	I. C. Hostetler	do.	24 00
9433	do.	H. E. Howes	do.	24 00
9434	do.	A. H. Husten	do.	24 00
9435	do.	E. A. James	do.	24 00
9436	do.	L. D. Knapp	do.	24 00
9437	do.	C. W. Lincoln	do.	24 00
9438	do.	B. S. Mason	do.	12 00
9439	do.	Geo. Meyer, Jr.	do.	24 00
9440	do.	John H. Miller	do.	24 00
9441	do.	H. S. Mueller	do.	24 00
9442	do.	C. A. Nebel	do.	24 00
9443	do.	R. Niver	do.	24 00
9444	do.	W. K. Norris	do.	24 00
9445	do.	H. F. Ousley	do.	24 00
9446	do.	J. C. Palmer	do.	24 00
9447	do.	R. W. Parker	do.	24 00
9448	do.	E. H. Pool	do.	24 00
9449	do.	B. C. Proulx	do.	12 00
9450	do.	B. R. F. Rall	do.	24 00
9451	do.	F. C. Rich	do.	12 00
9452	do.	D. M. Ritt	do.	12 00
9453	do.	C. L. Rives	do.	24 00
9454	do.	D. C. Scheele	do.	24 00
9455	do.	H. K. Sheldon	do.	24 00
9456	do.	M. D. Shipman	do.	24 00
9457	do.	M. B. Slater	do.	24 00
9458	do.	G. D. Stopp	do.	24 00
9459	do.	C. E. Thompson	do.	24 00
9460	do.	L. E. Thorne	do.	24 00
9461	do.	H. F. Vandercook	do.	24 00
9462	do.	G. R. Vely	do.	24 00
9463	do.	H. C. Webster	do.	24 00
9464	do.	G. H. Westcott	do.	24 00
9465	do.	H. G. Wood	do.	24 00
9466	do.	R. K. Zippodt	do.	20 00
9467	do.	K. E. Kalsback	Wages, May, 1914.	20 00
9468	do.	John Brown	do.	26 80
9469	do.	W. K. Morrison	do.	26 75
9470	do.	Earle Rugg	do.	16 40
9471	do.	H. W. Thurston	do.	10 00
9472	do.	Elsie Martin	do.	24 00
9473	do.	W. E. Cummins	do.	14 00
9474	do.	T. G. Lewis	do.	14 00
9475	do.	Elliot Billman	do.	14 00
9476	do.	D. K. Stieg	do.	23 45
9477	do.	M. G. Silver	do.	13 75
9478	do.	C. M. Crain	do.	31 80
9479	do.	W. J. Mitchell	do.	32 80
9480	do.	E. F. Little	do.	32 80
9481	do.	Thos. Lyons	do.	46 80
9482	do.	W. W. Trimble	do.	52 80
9483	do.	G. T. Mattoon	do.	14 80
9484	do.	G. F. Smalley	do.	18 00
9485	do.	Roland Brooks	do.	18 00
9486	do.	C. A. Hughes	do.	31 00
9487	do.	O. M. McConnell	do.	31 00
9488	do.	P. M. Miles	do.	12 25
9489	do.	F. P. Murphy	do.	14 00
9490	do.	E. C. Secor	do.	24 30
9491	do.	E. J. Lawrence	do.	25 20
9492	do.	E. K. Kov	do.	28 00
9493	do.	B. W. Hitchcock	do.	28 00
9494	do.	Frank Leggett	do.	28 00
9495	do.	Vern Traxler	do.	31 20
9496	do.	M. H. Campbell	do.	
9497	do.		do.	



## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
9498	June 1914.	3 M. J. Falletti.	Wages, May, 1914.	\$ 23 10.
9499	do.	G. F. Sutherland.	do.	18 37
9500	do.	Ed Lerch.	do.	17 00
9501	do.	G. H. Lindsey.	do.	18 00
9502	do.	J. K. Tuthill.	do.	17 60
9503	do.	R. E. Gray.	do.	10 50
9504	do.	C. F. Hill.	do.	10 00
9505	do.	L. S. Linder.	do.	10 00
9506	do.	P. K. Turner.	do.	23 75
9507	do.	C. L. Stewart.	Traveling fellowship.	100 00
9508	do.	C. L. Stewart.	Postage.	100 00
9509	do.	Chas. M. Webber, Postmaster.	Books.	50 00
9510	do.	G. Schirmer.	do.	3 26
9511	do.	Dixie Book Shop.	do.	1 25
9512	do.	International Magazine Co.	do.	5 25
9513	do.	Law Reporting Co.	do.	1 00
9514	do.	National Tax Assn.	do.	3 00
9515	do.	G. E. Stechart & Co.	do.	9 45
9516	do.	A. C. McClurg & Co.	do.	71 22
9517	do.	Americus Book Co.	do.	3 25
9518	do.	Basil Brown.	Wages, May, 1914.	73 44
9519	do.	D. M. Bullock.	do.	66 93
9520	do.	Ross Hutton.	do.	68 77
9521	do.	Fred Langhoff.	do.	70 38
9522	do.	O. E. Meenach.	do.	60 96
9523	do.	H. H. Mahorney.	do.	73 14
9524	do.	A. Servis.	do.	79 12
9525	do.	Geo. Toy.	do.	64 63
9526	do.	Geo. Turner.	do.	69 23
9527	do.	Ed. Wharmby.	do.	72 45
9528	do.	Margaret Jones.	do.	44 20
9529	do.	Frances McJinghen.	do.	44 20
9530	do.	Rebecca Morgan.	do.	37 40
9531	do.	Mary Ryan.	do.	32 30
9532	do.	W. M. Atwell.	do.	59 64
9533	do.	C. E. Arrington.	do.	66 36
9534	do.	Harry Brown.	do.	63 42
9535	do.	J. E. Bailey.	do.	61 53
9536	do.	J. E. Browning.	do.	64 00
9537	do.	Rolla S. Carson.	do.	61 40
9538	do.	J. W. Cheever.	do.	54 00
9539	do.	B. F. English.	do.	67 39
9540	do.	C. Y. Freeman.	do.	63 42
9541	do.	J. J. Fiscus.	do.	63 48
9542	do.	W. H. Graybeal.	do.	66 78
9543	do.	V. S. Glenn.	do.	63 00
9544	do.	David Glenn.	do.	54 40
9545	do.	F. F. Hoover.	do.	62 48
9546	do.	L. T. Heinz.	do.	55 20
9547	do.	C. C. Johnson.	do.	67 20
9548	do.	A. C. Litton.	do.	63 00
9549	do.	C. P. Moore.	do.	61 80
9550	do.	J. E. Morgan.	do.	10 00
9551	do.	C. M. Miller.	do.	57 75
9552	do.	D. T. Moody.	do.	59 00
9553	do.	Jas. McCullough.	do.	64 02
9554	do.	U. G. May.	do.	50 80
9555	do.	Forest Mock.	do.	61 20
9556	do.	B. F. McDaniel.	do.	51 20
9557	do.	Nick Peterson.	do.	53 20
9558	do.	J. F. Purkins.	do.	59 62
9559	do.	H. L. Thompson.	do.	54 20
9560	do.	L. M. Stearns.	do.	65 10
9561	do.	O. J. Utterback.	do.	57 00
9562	do.	P. T. Walters.	do.	54 25
9563	do.	Dan Meeneley.	do.	63 65
9564	do.	John Ascherman.	do.	52 00
9565	do.	Tim Kenney.	do.	56 40
9566	do.	M. F. Roberts.	do.	19 20
9567	do.	Roy Tallock.	do.	57 20
9568	do.	C. M. Ollis.	do.	53 00
9569	do.	A. L. Johnson.	do.	64 00
9570	do.	E. W. Justus.	do.	108 00
9571	do.	J. R. Newton.	do.	78 00
9572	do.	Ed. Richards.	do.	104 16
9573	do.	John Ceduskey.	do.	81 84
9574	do.	Louie Fender.	do.	78 12
9575	do.	J. F. Long.	do.	78 12
9576	do.	A. J. McAlister.	do.	76 80

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
9577	1914.			
June		3. A. C. Wascher	Wages, May, 1914.	\$ 79 80
9578	do	Wm. Wilde	do.	96 10
9579	do	Geo. Boyer	do.	96 09
9580	do	Thos. Butler	do.	65 09
9581	do	Herman Fechttrufh	do.	74 40
9582	do	Chas. Wilson	do.	43 40
9583	do	T. E. Wells	do.	60 80
9584	do	Jas. Merriweather	do.	57 40
9585	do	Gilbert Robbins	do.	37 40
9586	do	Thos. J. Fay	do.	96 10
9587	do	E. C. Lewis	do.	74 55
9588	do	Frank Stataier	do.	78 86
9589	do	Thos. Long	do.	85 02
9590	do	Jos. Davis	do.	74 13
9591	do	J. A. J. Klein	do.	74 34
9592	do	Wm. Quinn	do.	64 47
9593	do	Howard F. Fabert	do.	68 40
9594	do	Felix Fox	do.	63 00
9595	do	Frank Cunningham	do.	110 50
9596	do	Salt Hamlin	do.	52 60
9597	do	Ruthie Murphey	do.	60 32
9598	do	F. M. Perry	do.	63 48
9599	do	T. O. Henderson	do.	113 62
9600	do	A. Bevis	do.	145 00
9601	do	Ceylla Carothers	do.	45 00
9602	do	F. Crathorne	do.	86 13
9603	do	A. Langhoff	do.	84 83
9604	do	V. R. Barnes	do.	82 00
9605	do	M. C. Booker	do.	80 00
9606	do	A. J. Booker	do.	82 40
9607	do	J. C. Fiscus	do.	97 17
9608	do	Chas. Hill	do.	97 17
9609	do	J. D. Craig	do.	80 00
9610	do	S. A. Porter	do.	80 40
9611	do	Martin Sandwell	do.	89 60
9612	do	A. C. Speedie	do.	91 20
9613	do	Wesley Wilson	do.	87 60
9614	do	Amos Wright	do.	81 20
9615	do	J. H. Vandaveater	do.	88 00
9616	do	C. A. Dunseith	do.	80 00
9617	do	J. B. Doll	do.	89 50
9618	do	Wm. Templein	do.	57 20
9619	do	A. L. Collins	do.	67 20
9620	do	L. F. Tholston	do.	68 85
9621	do	F. T. Franklin	do.	59 91
9622	do	Roy Crawford	do.	59 20
9623	do	J. B. Hickey	do.	57 15
9624	do	Harry Higgins	do.	60 88
9625	do	Howard Downing	do.	60 00
9626	do	W. A. Boyce	do.	94 16
9627	do	J. H. Miller	do.	107 16
9628	do	Frank Chaney	do.	84 10
9629	do	Harry Clifford	do.	80 15
9630	do	John Brannigan	do.	58 28
9631	do	Jesse Meyers	do.	77 10
9632	do	A. Warmbier	do.	127 19
9633	do	W. J. Smith	do.	84 17
9634	do	Guy Fox	do.	83 33
9635	do	Chas. Gundlock	do.	88 40
9636	do	Fred Fender	do.	89 40
9637	do	P. L. Levick	do.	79 17
9638	do	W. J. Langhoff	do.	49 17
9639	do	Wm. Fogarty	do.	54 80
9640	do	Frank Fogarty	do.	54 90
9641	do	Samuel Hanson	do.	70 25
9642	do	Ed. Hagen	do.	70 15
9643	do	W. G. Hixon	do.	51 20
9644	do	Frank Irvine	do.	78 20
9645	do	Jas. Irvine	do.	56 39
9646	do	Roy Latham	do.	58 00
9647	do	P. O. Moore	do.	72 75
9648	do	A. V. Moran	do.	52 70
9649	do	R. A. Palmerman	do.	59 70
9650	do	Ben L. Reed	do.	59 25
9651	do	J. C. Snider	do.	52 25
9652	do	J. Cassidy	do.	52 25
9653	do	O. L. Mendenhall	do.	51 60

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
9654	June 1914.	Jeanette Craigmle.....	Wages, May, 1914.....	\$50 00
9655	do.....	Frank C. Wilson.....	do.....	41 60
9656	do.....	Oscar L. Hunt.....	do.....	51 60
9657	do.....	Mollie B. Frazier.....	do.....	40 00
9658	do.....	Amintha Cowden.....	do.....	41 25
9659	do.....	Blanche R. Humblehouse.....	do.....	43 24
9660	do.....	Mark Small.....	do.....	60 00
9661	do.....	Albert Bradford.....	do.....	87 75
9662	do.....	Maude Campbell.....	do.....	35 00
9663	do.....	M. C. Weaver.....	do.....	10 50
9664	do.....	J. E. Shipley.....	do.....	4 00
9665	do.....	C. A. Brunley.....	do.....	56 00
9666	do.....	L. Evangeline White.....	do.....	29 75
9667	do.....	John Brown.....	do.....	21 00
9668	do.....	A. L. Sowers.....	do.....	96 00
9669	do.....	Andrew Boswell.....	Use of team, May, 1914.....	45 50
9670	do.....	J. F. Hannah.....	Wages, May, 1914.....	52 50
9671	do.....	Marion E. Sparts.....	do.....	14 75
9672	do.....	M. T. Lindsey.....	do.....	16 25
9673	do.....	J. S. Whitnare.....	do.....	30 00
9674	do.....	H. D. Brown.....	do.....	22 88
9675	do.....	Lincy Love.....	do.....	43 50
9676	do.....	Marie Haltom.....	do.....	31 50
9677	do.....	E. F. Murphy.....	do.....	23 85
9678	do.....	Guy G. Mills.....	Salary, June 1-11, 1914.....	34 61
9679	do.....	Frances Feind.....	Salary, June 1-15, 1914.....	40 00
9680	do.....	John C. Ames.....	Freight and express.....	1 62
9681	do.....	P. M. Hart.....	Wages, May, 1914.....	7 80
9682	do.....	C. A. Miller.....	do.....	7 70
9683	do.....	P. J. Nilson.....	do.....	1 90
9684	do.....	P. J. Sweany.....	do.....	3 60
9685	do.....	E. C. Williams.....	do.....	5 20
9686	June 4	R. Smith.....	Dairy products furnished depart- ment of dairy husbandry.....	1 82
9687	do.....	F. Thompson.....	do.....	3 22
9688	do.....	J. E. Henderson.....	do.....	2 26
9689	do.....	R. L. Meyers.....	do.....	4 15
9690	do.....	W. D. Kohl.....	do.....	8 16
9691	do.....	E. W. Smalley.....	do.....	6 10
9692	do.....	S. D. Richards.....	do.....	3 56
9693	do.....	D. Herrlott.....	do.....	2 82
9694	do.....	Pearl Hazen.....	do.....	2 82
9695	do.....	C. A. Fogel.....	do.....	5 05
9696	do.....	Maey Bros.....	do.....	9 20
9697	do.....	Gus Patterson.....	do.....	3 61
9698	do.....	J. F. Hubbard.....	do.....	1 72
9699	do.....	E. L. Martin.....	do.....	3 95
9700	do.....	J. Ingelman.....	do.....	3 47
9701	do.....	Mary Warner.....	do.....	3 01
9702	do.....	A. W. McJilton.....	do.....	3 53
9703	do.....	W. L. Davis.....	do.....	4 31
9704	do.....	T. Lowery.....	do.....	3 46
9705	do.....	G. R. Evans.....	do.....	2 85
9706	do.....	G. Hobick.....	do.....	5 62
9707	do.....	R. L. Wirt.....	do.....	4 31
9708	do.....	A. Shields.....	do.....	4 80
9709	do.....	G. W. VanMeter.....	do.....	4 26
9710	do.....	A. E. Burwash.....	do.....	4 11
9711	do.....	B. Jordan.....	do.....	5 30
9712	do.....	C. Ross.....	do.....	4 99
9713	do.....	T. F. Jordan.....	do.....	8 84
9714	do.....	G. J. VonHoltzen.....	do.....	4 32
9715	do.....	W. H. Gray.....	do.....	3 59
9716	do.....	D. Wilkins.....	do.....	1 40
9717	do.....	G. Schitt.....	do.....	1 52
9718	do.....	M. Hudson.....	do.....	3 02
9719	do.....	O. W. Hampton.....	do.....	2 44
9720	do.....	L. Creiger.....	do.....	3 84
9721	do.....	E. Grove.....	do.....	3 80
9722	do.....	H. I. Nelson.....	do.....	3 61
9723	do.....	A. R. Grindley.....	do.....	1 98
9724	do.....	R. S. McInness.....	do.....	3 85
9725	do.....	C. C. Gordon.....	do.....	4 78
9726	do.....	A. Dunn.....	do.....	2 60
9727	do.....	W. E. Heyer.....	do.....	6 18
9728	do.....	R. L. Wirt.....	do.....	4 94
9729	do.....	J. J. Cender.....	do.....	5 50
9730	do.....	W. Laischner.....	do.....	4 71
9731	do.....	J. D. Pernam.....	do.....	2 65

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
9732	1914. June 4	E. S. Hayes.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 2 26
9733	do.	W. Case.....	do.	1 90
9734	do.	H. Cherry.....	do.	2 70
9735	do.	C. C. Rayburn.....	do.	4 45
9736	do.	Van Carter.....	do.	7 70
9737	do.	W. E. Yount.....	do.	6 68
9738	do.	G. W. VanMeter.....	do.	2 99
9739	do.	A. W. Ashworth.....	do.	3 15
9740	do.	A. Shields.....	do.	4 77
9741	do.	H. C. Kaufman.....	do.	3 04
9742	do.	W. E. Womacks.....	do.	3 04
9743	do.	J. A. R. Koch.....	do.	4 13
9744	do.	S. T. Carter.....	do.	3 60
9745	do.	G. B. Giddings.....	do.	3 07
9746	do.	F. W. Howell.....	do.	3 07
9747	do.	H. Hahn.....	do.	7 10
9748	do.	C. Sadler.....	do.	1 22
9749	do.	J. H. Umbanhowar.....	do.	3 90
9750	do.	R. H. Brewer.....	do.	3 43
9751	do.	H. Allison.....	do.	4 60
9752	do.	W. J. Wilson.....	do.	2 34
9753	do.	J. W. Rayburn.....	do.	3 67
9754	do.	P. J. Wagner.....	do.	5 10
9755	do.	D. Hahn.....	do.	4 52
9756	do.	J. Rueb.....	do.	2 37
9757	do.	F. H. Busey.....	do.	2 16
9758	do.	I. W. Maxwell.....	do.	2 94
9759	do.	I. H. Gordon.....	do.	3 28
9760	do.	E. A. Smith.....	do.	2 73
9761	do.	E. J. Percival.....	do.	5 12
9762	do.	H. Giltner.....	do.	1 98
9763	do.	W. C. Welch.....	do.	2 84
9764	do.	W. W. Ballantine.....	Traveling expenses.....	17 86
9765	do.	Wm. Wesley & Son.....	Books.....	360 10
9766	do.	Edw. G. Allen & Son.....	do.	89 91
9767	do.	W. Junk.....	do.	157 60
9768	do.	A. Hermann & Son.....	do.	239 05
9769	do.	Letter Shop.....	Clerical assistance.....	166 00
9770	do.	Ernst Hertzberg & Son.....	Books.....	15 97
9771	do.	Merwin Sales Co.....	do.	44 60
9772	do.	Newton D. Mereness.....	Research work.....	75 00
9773	do.	Ora B. Castle.....	Wages, May, 1914.....	50 00
9774	June 5	R. E. Hieronymus.....	Balance salary, May, 1914.....	125 00
9775	do.	A. L. Hallquest.....	Traveling expenses.....	39 21
9776	do.	Burt W. Phillips.....	do.	9 60
9777	do.	Chas. G. Davis.....	do.	17 10
9778	do.	Capt. E. H. Dunavin.....	do.	18 31
9779	do.	Hotel Beardsley.....	Entertainment.....	11 75
9780	do.	Marion E. Sparks.....	Wages, May, 1914.....	26 25
9781	do.	Agnes A. Wagner.....	do.	60 00
9782	do.	Ida Luther.....	do.	22 75
9783	do.	R. A. Horning.....	do.	25 00
9784	do.	C. L. Walduck.....	do.	25 00
9785	do.	R. R. Danielson.....	do.	25 00
9786	do.	Verna Manley.....	do.	31 20
9787	do.	W. P. Brown.....	do.	37 15
9788	do.	W. J. Campbell.....	do.	10 12
9789	do.	F. W. Farley.....	do.	28 70
9790	do.	J. C. Munson.....	do.	15 10
9791	do.	F. A. Newman.....	do.	22 10
9792	do.	P. H. Van Winkle.....	do.	12 00
9793	do.	M. Russell Davis.....	do.	23 87
9794	do.	P. D. Jenks.....	do.	18 37
9795	do.	Arthur A. Odell.....	do.	27 95
9796	do.	A. L. Shriver.....	do.	31 10
9797	do.	Arthur Semple.....	do.	26 77
9798	do.	M. E. Slater.....	do.	23 70
9799	do.	Herman Dale.....	do.	24 40
9800	do.	F. Gordon.....	do.	14 00
9801	do.	W. E. Jones.....	do.	45 20
9802	do.	W. Kolmer.....	do.	15 50
9803	do.	C. H. Rehlif.....	do.	21 30
9804	do.	S. C. Skemp.....	do.	29 25
9805	do.	H. P. Randolph.....	do.	11 25
9806	do.	B. Conklin.....	do.	1 95
9807	do.	Jas. H. Sedgwick.....	do.	5 00
9808	do.	G. F. Sutherland.....	do.	9 75
9809	do.	W. C. Rappleye.....	do.	37 50

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
9810	June 5	O. W. Allen.....	Wages, June, 1914.....	\$ 65 00
9811	..do.	Nellie Roberts.....	..do.	32 50
9812	..do.	O. E. Staples, Bursar.....	General labor.....	41 35
9813	..do.	O. E. Staples, Bursar.....	Sundry bills.....	141 25
9814	..do.	O. E. Staples, Bursar.....	Express.....	14 47
9815	..do.	John L. Rich.....	Traveling expenses.....	4 20
9816	June 6	Charles M. Webber, Postmaster.....	Postage.....	70 00
9817	June 8	Western Union Telegraph Co.....	Telephone and telegraph.....	16 62
9818	..do.	Woods Publishing Co.....	Books.....	22 50
9819	..do.	G. E. Stechert & Co.....	..do.	50 79
9820	..do.	Joseph Baer & Co.....	..do.	706 12
9821	..do.	C. D. Cazenove & Son.....	..do.	33 20
9822	..do.	Gustav Fock.....	..do.	81 46
9823	..do.	Dulan & Co.....	..do.	62 69
9824	..do.	Otto Harrassowitz.....	..do.	15 36
9825	..do.	Henry Sotheran & Co.....	..do.	125 47
9826	..do.	Jacques Lechevalier.....	..do.	308 85
9827	..do.	Swartz Electric Shop.....	Building repairs.....	16 30
9828	..do.	Pearl Adams.....	General labor.....	106 25
9829	..do.	E. R. Welshy.....	Laboratory apparatus.....	2 25
9830	..do.	Stafford Engraving Co.....	Printing.....	3 38
9831	..do.	Julius Cohen.....	Prize.....	15 00
9832	..do.	Otto Lange.....	Books.....	4 00
9833	..do.	Honore Champion.....	..do.	12 82
9834	..do.	Karl W. Hiersemann.....	..do.	65 86
9835	..do.	Marcel Riviere & Co.....	..do.	18 22
9836	..do.	Geo. Harding.....	..do.	21 95
9837	..do.	G. Terguem.....	..do.	6 38
9838	..do.	L. H. Lembo.....	..do.	7 10
9839	..do.	S. Schramm.....	..do.	6 00
9840	..do.	Fernando Fe.....	..do.	51 50
9841	..do.	C. A. F. Kahlbaum.....	Laboratory supplies.....	18 60
9842	..do.	Dr. F. Krantz.....	Museum specimens.....	45 62
9843	..do.	Ulrico Hoepfl.....	Books.....	33 25
9844	..do.	T. Schweitzer.....	..do.	338 62
9845	..do.	Pickering & Chatto.....	..do.	65 01
9846	..do.	Kasseder Koniglichen Bibliothek.....	..do.	3 80
9847	..do.	Geo. Littlefield.....	..do.	7 20
9848	..do.	Auguste Picard.....	..do.	7 27
9849	..do.	Bernard Quaritch.....	..do.	2 30
9850	..do.	C. F. Miller.....	Laboratory supplies.....	4 85
9851	..do.	A. C. McClurg & Co.....	Books.....	3 66
9852	..do.	N. H. Shields.....	Contract.....	1,971 16
9853	..do.	N. H. Shields.....	..do.	1,528 84
9854	..do.	N. H. Shields.....	..do.	1,500 00
9855	..do.	Kettle River Co.....	..do.	1,382 00
9856	..do.	I. H. Beesre.....	Dairy products furnished depart- ment of dairy husbandry.....	2 63
9857	..do.	E. F. Lyon.....	..do.	3 35
9858	..do.	C. A. Fogel.....	..do.	2 42
9859	..do.	Harvey Ray.....	..do.	2 08
9860	..do.	E. Householder.....	..do.	5 15
9861	..do.	T. M. Ghere.....	..do.	6 34
9862	..do.	E. L. Martin.....	..do.	3 85
9863	..do.	W. D. Rohl.....	..do.	4 84
9864	..do.	J. Freeman.....	..do.	5 46
9865	..do.	C. E. Smoot.....	..do.	3 56
9866	..do.	C. Ross.....	..do.	2 42
9867	..do.	B. Jordan.....	..do.	5 20
9868	..do.	T. F. Jordan.....	..do.	6 76
9869	..do.	A. Morgan.....	..do.	4 52
9870	..do.	J. M. Esworthy.....	..do.	6 03
9871	..do.	J. H. Jenks.....	..do.	2 68
9872	..do.	H. F. Ridgeley.....	..do.	2 47
9873	..do.	J. C. Shorck.....	..do.	4 41
9874	..do.	F. P. Dalbey.....	..do.	2 08
9875	..do.	F. Krugh.....	..do.	2 52
9876	..do.	A. E. Burwash.....	..do.	3 85
9877	..do.	W. H. Gray.....	..do.	2 55
9878	..do.	Receivers, Central Union Telephone Co.....	Telephone and telegraph.....	6 75
9879	..do.	Laura B. Evans.....	Traveling expenses.....	57 00
9880	..do.	Florence E. Watson.....	..do.	27 09
9881	..do.	C. R. Newell.....	Clerical work.....	1 50
9882	..do.	O. E. Staples, Bursar.....	Express.....	5 99
9883	..do.	O. E. Staples, Bursar.....	Sundry bills.....	43 16
9884	June 9	A. Dunn.....	Dairy products furnished depart- ment of dairy husbandry.....	4 13
9885	..do.	D. Wilkins.....	..do.	1 56
9886	..do.	T. P. Lyons.....	..do.	2 18

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
9887	1914, June	R. S. McInness.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 2 31
9888	do.	C. C. Gordon.....	do.	1 74
9889	do.	J. E. Henderson.....	do.	1 51
9890	do.	E. Grove.....	do.	3 25
9891	do.	O. W. Hampton.....	do.	1 51
9892	do.	P. P. Dunn.....	do.	3 93
9893	do.	P. Kruevitt.....	do.	2 34
9894	do.	J. B. Marsh.....	do.	4 21
9895	do.	F. Stadden.....	do.	3 38
9896	do.	L. G. VanBuskirk.....	do.	4 03
9897	do.	F. Schweinake.....	do.	4 43
9898	do.	G. Hurst.....	do.	3 54
9899	do.	F. Elliott.....	do.	4 63
9900	do.	G. O. McMorris.....	do.	2 37
9901	do.	W. E. Satterfield.....	do.	4 60
9902	do.	F. Alsip.....	do.	2 57
9903	do.	T. M. Clayton.....	do.	2 56
9904	do.	J. D. Pulliam.....	do.	3 33
9905	do.	A. Eekblaw.....	do.	3 15
9906	do.	F. Knox.....	do.	3 06
9907	do.	D. S. Herriott.....	do.	3 06
9908	do.	J. M. Herriott.....	do.	1 47
9909	do.	C. G. Plotner.....	do.	4 55
9910	do.	T. S. Mapes.....	do.	2 65
9911	do.	J. C. Woodin.....	do.	1 22
9912	do.	Z. Alsip.....	do.	3 28
9913	do.	W. J. Wilson.....	do.	2 24
9914	do.	J. Rueb.....	do.	2 44
9915	do.	S. Lee Cox.....	do.	3 30
9916	do.	R. P. Hayes.....	do.	1 82
9917	do.	C. Pleister.....	do.	5 95
9918	do.	F. H. Busey.....	do.	2 11
9919	do.	L. Creiger.....	do.	2 37
9920	do.	I. H. Gordon.....	do.	5 64
9921	do.	J. Hammack.....	do.	6 01
9922	do.	C. J. VonHolten.....	do.	3 09
9923	do.	E. J. Percival.....	do.	3 41
9924	do.	L. W. Maxwell.....	Books.....	2 55
9925	do.	Gustav Fock.....	do.	155 00
9926	do.	Ernst Hertzberg & Sons.....	do.	3 95
9927	do.	G. H. Wittenberg.....	do.	4 00
9928	do.	G. E. Stechert & Co.....	Postage.....	6 38
9929	do.	Chas. M. Webber, Postmaster.....	do.	4 68
9930	do.	U. of I. Supply Store.....	Furniture.....	40 28
9931	do.	H. B. Boyer.....	Payment on city lot.....	7, 776 79
9932	do.	H. I. Nelson.....	Dairy products furnished depart- ment of dairy husbandry.....	3 90
9933	do.	A. R. Grindley.....	do.	2 42
9934	do.	F. Thompson.....	do.	2 70
9935	do.	Pearl Hazen.....	do.	3 11
9936	do.	A. Shields.....	do.	4 96
9937	do.	Maey Bros.....	do.	9 20
9938	do.	R. L. Myers.....	do.	4 73
9939	do.	T. M. Guynn.....	do.	4 15
9940	do.	R. L. Wirt.....	do.	4 57
9941	do.	E. B. Resler.....	do.	3 01
9942	do.	R. Smith.....	do.	1 56
9943	do.	R. Childers.....	do.	3 07
9944	do.	O. A. Foster.....	do.	2 51
9945	do.	E. L. Price.....	do.	4 58
9946	do.	J. H. Rutan.....	do.	2 50
9947	do.	S. T. Carter.....	do.	3 81
9948	do.	E. W. Smalley.....	do.	2 70
9949	do.	S. G. Richards.....	do.	2 42
9950	do.	G. Hobick.....	do.	4 65
9951	do.	J. Ingelman.....	do.	3 07
9952	do.	C. E. Keley.....	do.	4 10
9953	do.	G. C. Chohan.....	do.	1 89
9954	do.	T. L. Lowery.....	do.	3 15
9955	do.	G. E. Evans.....	do.	2 82
9956	do.	J. W. Rhoades.....	do.	4 36
9957	do.	G. W. Vandmeter.....	do.	3 45
9958	do.	C. Ross.....	do.	2 94
9959	do.	B. Jordan.....	do.	6 11
9960	do.	T. F. Jordan.....	do.	8 61
9961	do.	A. E. Burwash.....	do.	4 37
9962	do.	W. C. Welch.....	do.	6 21
9963	do.	W. H. Gray.....	do.	2 91

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
9964	June 11	C. C. Gordon.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 1 82
9965	.do.	R. S. McInnes.....	.do.	2 44
9966	.do.	G. B. Giddings.....	.do.	2 86
9967	.do.	O. W. Hampton.....	.do.	2 05
9968	.do.	J. W. Hammack.....	.do.	3 04
9969	.do.	E. Grove.....	.do.	3 22
9970	.do.	L. Creiger.....	.do.	2 70
9971	.do.	M. Hudson.....	.do.	2 50
9972	.do.	D. Wilkins.....	.do.	2 44
9973	.do.	G. Schiff.....	.do.	6 53
9974	.do.	E. Lyons.....	.do.	2 52
9975	.do.	H. M. Corray.....	.do.	3 74
9976	.do.	W. E. Heyer.....	.do.	2 72
9977	.do.	W. J. Kelley.....	.do.	3 19
9978	.do.	W. E. Yount.....	.do.	7 70
9979	.do.	E. L. Martin.....	.do.	3 85
9980	.do.	D. B. White.....	.do.	5 75
9981	.do.	J. A. R. Koch.....	.do.	4 26
9982	.do.	C. E. Smoot.....	.do.	3 95
9983	.do.	J. B. Skinner.....	.do.	4 16
9984	.do.	H. F. Ridgeley.....	.do.	2 24
9985	.do.	W. Leischner.....	.do.	4 26
9986	.do.	W. J. Wilson.....	.do.	2 52
9987	.do.	E. M. Frankenberg.....	.do.	2 63
9988	.do.	R. S. McNeith.....	.do.	3 11
9989	.do.	Van Carter.....	.do.	4 21
9990	.do.	F. W. Howell.....	.do.	3 30
9991	.do.	W. D. Rohl.....	.do.	8 50
9992	.do.	N. Hahn.....	.do.	7 33
9993	.do.	R. B. Brewer.....	.do.	3 09
9994	.do.	W. E. Womacks.....	.do.	2 99
9995	.do.	H. C. Kaufman.....	.do.	4 76
9996	.do.	A. G. Krukewitt.....	.do.	3 51
9997	.do.	P. J. Wagner.....	.do.	5 30
9998	.do.	D. S. Herriott.....	.do.	3 37
9999	.do.	C. A. Fogel.....	.do.	2 98
10000	.do.	F. Knox.....	.do.	3 50
10001	.do.	J. E. Mitchell.....	.do.	4 20
10002	.do.	T. M. Ghere.....	.do.	5 30
10003	.do.	W. Case.....	.do.	2 00
10004	.do.	F. H. Mapes.....	.do.	3 09
10005	.do.	T. S. Mapes.....	.do.	2 81
10006	.do.	A. Morgan.....	.do.	4 47
10007	.do.	D. Hahn.....	.do.	4 47
10008	.do.	F. H. Busey.....	.do.	3 07
10009	.do.	J. W. Rayburn.....	.do.	2 96
10010	.do.	C. C. Rayburn.....	.do.	7 20
10011	.do.	J. J. Cender.....	.do.	4 90
10012	.do.	A. W. McJilton.....	.do.	3 60
10013	.do.	A. Shields.....	.do.	4 31
10014	.do.	W. A. Ashworth.....	.do.	3 32
10015	.do.	G. W. VanMeter.....	.do.	5 67
10016	.do.	I. H. Gordon.....	.do.	3 61
10017	.do.	E. J. Percival.....	.do.	3 33
10018	.do.	I. W. Maxwell.....	.do.	3 56
10019	.do.	E. A. Smith.....	.do.	2 65
10020	.do.	A. J. Todd.....	Museum specimens.....	75 00
10021	.do.	O. E. Staples, Bursar.....	Rebates to students.....	57 50
10022	.do.	W. E. Meanwell.....	Traveling expenses.....	18 24
10023	.do.	D. H. Carnahan.....	Museum specimens.....	50 00
10024	June 12	The University of Chicago Press.....	Printing and publishing.....	2 58
10025	.do.	Urbana Courier Co.....	.do.	8 00
10026	.do.	W. E. Johns, Business Manager, 1914 Illio.	Freight and express.....	1 77
10027	.do.	Taylor Instrument Co.....	Apparatus repairs.....	8 10
10028	.do.	Commercial Telephone & Telegraph Co.....	Telephone and telegraph.....	10 20
10029	.do.	L. Eveline Merritt.....	Traveling expenses.....	12 57
10030	.do.	E. R. Schulz.....	Loan.....	50 00
10031	.do.	Claude L. McCabe.....	.do.	35 00
10032	.do.	Janes M McGrath.....	.do.	25 00
10033	.do.	W. H. Lee.....	Clerical work.....	50 00
10034	.do.	Jim Dickerson.....	General supplies.....	1 50
10035	.do.	R. H. Hilderbrand.....	Printing.....	7 50
10036	June 13	J. E. Henderson.....	Dairy products furnished depart- ment of dairy husbandry.....	2 91
10037	.do.	R. Childers.....	.do.	3 64
10038	.do.	S. T. Carter.....	.do.	3 67
10039	.do.	F. P. Dalbey.....	.do.	2 96

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date	To whom.	For what.	Amount.
	1914.			
10040	June 13	G. O. McMorris.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 2 11
10041	do.	F. Kuder.....	do.	2 99
10042	do.	J. Rueb.....	do.	3 12
10043	do.	J. Freeman.....	do.	5 49
10044	do.	F. Stadden.....	do.	2 70
10045	do.	J. D. Perham.....	do.	3 46
10046	do.	R. H. McAlister.....	do.	3 35
10047	do.	H. F. Ridgeley.....	do.	2 86
10048	do.	J. C. Shrock.....	do.	4 20
10049	do.	B. Jordan.....	do.	3 85
10050	do.	C. Ross.....	do.	3 93
10051	do.	T. F. Jordan.....	do.	6 76
10052	do.	A. E. Burwash.....	do.	3 85
10053	do.	Thos. Guyann.....	do.	2 15
10054	June 16	E. V. Percival.....	do.	3 59
10055	do.	J. Hammack.....	do.	2 86
10056	do.	C. C. Gordan.....	do.	1 92
10057	do.	R. S. McInnes.....	do.	2 00
10058	do.	T. P. Lyons.....	do.	3 69
10059	do.	P. P. Dunn.....	do.	3 64
10060	do.	D. Wilkins.....	do.	1 87
10061	do.	O. W. Hampton.....	do.	1 27
10062	do.	J. D. Pulliam.....	do.	3 22
10063	do.	R. P. Hayes.....	do.	1 61
10064	do.	W. E. Womacks.....	do.	2 81
10065	do.	E. W. Smalley.....	do.	4 18
10066	do.	G. W. VanMeter.....	do.	3 42
10067	do.	D. Herriott.....	do.	7 02
10068	do.	C. A. Fogel.....	do.	2 80
10069	do.	E. Householder.....	do.	4 76
10070	do.	F. W. Howell.....	do.	3 12
10071	do.	W. C. Welch.....	do.	2 63
10072	do.	T. F. Mapes.....	do.	2 68
10073	do.	J. A. R. Koch.....	do.	4 34
10074	do.	Z. Alsip.....	do.	2 70
10075	do.	L. F. Bialeschski.....	do.	2 36
10076	do.	S. A. Richards.....	do.	2 24
10077	do.	J. B. Marsh.....	do.	4 97
10078	do.	F. Stadden.....	do.	3 04
10079	do.	Van Carter.....	do.	4 11
10080	do.	E. P. Ott.....	do.	2 57
10081	do.	C. Pfeister.....	do.	5 72
10082	do.	F. H. Busey.....	do.	2 13
10083	do.	W. E. Heyer.....	do.	3 37
10084	do.	J. W. Rhoades.....	do.	4 49
10085	do.	J. Ingleman.....	do.	3 42
10086	do.	I. W. Maxwell.....	do.	2 34
10087	do.	C. Demlow.....	do.	6 84
10088	do.	C. J. VonHolten.....	do.	3 80
10089	do.	E. J. Percival.....	do.	3 07
10090	do.	W. H. Gray.....	do.	2 34
10091	do.	H. Giltner.....	do.	1 50
10092	do.	J. D. White.....	Postage.....	85 00
10093	do.	Florence E. Watson.....	Traveling expenses.....	65 57
10094	do.	M. H. Robinson.....	do.	13 09
10095	do.	O. E. Staples, Bursar.....	Rebates to students.....	31 00
10096	do.	O. E. Staples, Bursar.....	Student labor.....	25 43
10097	do.	O. E. Staples, Bursar.....	Sundry bills.....	24 57
10098	do.	O. E. Staples, Bursar.....	Express.....	29 90
10099	do.	O. E. Staples, Bursar.....	do.	15 85
10100	do.	O. E. Staples, Bursar.....	do.	1 01 86
10101	do.	Ernst Schmidt.....	Muesum specimens.....	764 16
10102	do.	William E. Weber.....	Refund examination fee.....	25 00
10103	do.	W. S. Bowler.....	do.	25 00
10104	do.	H. N. Parker.....	Laboratory supplies.....	1 05
10105	do.	Otto Harrassowitz.....	Books.....	4 18
10106	do.	F. Rausch.....	Museum specimens.....	65 86
10107	do.	C. F. Newcomb.....	Medical services.....	43 00
10108	do.	E. V. Allen.....	Band service, 1913-14.....	24 00
10109	do.	M. C. Alyea.....	do.	24 00
10110	do.	E. J. Anderle.....	do.	24 00
10111	do.	G. I. Boone.....	do.	24 00
10112	do.	E. G. Bucher.....	do.	24 00
10113	do.	C. I. Burggraf.....	do.	24 00
10114	do.	E. C. Feutz.....	do.	24 00
10115	do.	H. L. Gogerty.....	do.	24 00
10116	do.	R. E. Greenberg.....	do.	24 00
10117	do.	R. P. Hall.....	do.	24 00



## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
10118	June 16, 1914.	L. B. Hiebel.	Band service, 1913-14.	\$24 00
10119	do.	C. E. Hungerford.	do.	24 00
10120	do.	W. I. Kirby.	do.	24 00
10121	do.	W. N. Leonard.	do.	24 00
10122	do.	G. I. Lindberg.	do.	24 00
10123	do.	G. B. McMillen.	do.	24 00
10124	do.	E. J. Novak.	do.	24 00
10125	do.	F. G. Olbrich.	do.	24 00
10126	do.	A. H. Orcutt.	do.	24 00
10127	do.	F. R. Powers.	do.	24 00
10128	do.	R. H. Purdy.	do.	24 00
10129	do.	H. B. Randolph.	do.	24 00
10130	do.	J. H. Rapp.	do.	24 00
10131	do.	F. E. Richard.	do.	24 00
10132	do.	P. H. Rogers.	do.	24 00
10133	do.	K. V. Root.	do.	24 00
10134	do.	G. B. Ruby.	do.	24 00
10135	do.	R. I. Shawl.	do.	24 00
10136	do.	V. T. Stevens.	do.	24 00
10137	do.	T. J. Strong.	do.	24 00
10138	do.	J. M. Thomas.	do.	24 00
10139	do.	C. F. Weingartner.	do.	24 00
10140	do.	A. R. Wilson.	do.	24 00
10141	do.	K. A. Clark.	do.	24 00
10142	do.	M. E. Hinds.	do.	24 00
10143	do.	Howard Mathews.	do.	24 00
10144	do.	F. W. Mohlman.	do.	24 00
10145	do.	J. R. Shulters.	do.	24 00
10146	do.	D. P. Anschicks.	Band service, June 10-17, 1914.	6 00
10147	do.	B. R. Battey.	do.	6 00
10148	do.	S. J. Bess.	do.	6 00
10149	do.	H. N. Byers.	do.	6 00
10150	do.	R. E. Davis.	do.	6 00
10151	do.	J. F. Gauger.	do.	6 00
10152	do.	E. W. Glenn.	do.	6 00
10153	do.	E. W. Gouvens.	do.	6 00
10154	do.	F. C. Hahn.	do.	6 00
10155	do.	O. B. Hanson.	do.	6 00
10156	do.	A. W. Harz.	do.	6 00
10157	do.	H. C. Hawes.	do.	6 00
10158	do.	W. K. Hrabik.	do.	6 00
10159	do.	E. J. Jones.	do.	6 00
10160	do.	R. A. Kelly.	do.	6 00
10161	do.	Kawin Kennedy.	do.	6 00
10162	do.	L. G. Krug.	do.	6 00
10163	do.	N. J. Lenhart.	do.	6 00
10164	do.	H. B. Lotz.	do.	6 00
10165	do.	M. J. McClelland.	do.	6 00
10166	do.	L. G. Murray.	do.	6 00
10167	do.	R. W. Schecter.	do.	6 00
10168	do.	J. H. Tyler.	do.	6 00
10169	do.	R. R. Wagner.	do.	6 00
10170	do.	R. V. Wirth.	do.	6 00
10171	do.	H. F. Woodyatt.	do.	6 00
10172	do.	W. J. Wright.	do.	6 00
10173	do.	L. F. Helbling.	do.	6 00
10174	do.	B. L. Kirk.	do.	6 00
10175	do.	M. R. Johnson.	do.	6 00
10176	do.	F. M. Lescher.	do.	6 00
10177	do.	W. W. Miller.	do.	6 00
10178	do.	L. W. Riley.	do.	6 00
10179	do.	E. C. Wascher.	do.	6 00
10180	do.	F. A. Wiltz.	do.	6 00
10181	do.	J. Weiss.	Dairy products furnished department of dairy husbandry.	11 42
10182	do.	J. McCullough.	do.	19 28
10183	do.	R. Graham.	do.	3 87
10184	do.	R. Smith.	do.	1 43
10185	do.	A. R. Grindley.	do.	2 50
10186	do.	H. I. Nelson.	do.	3 72
10187	do.	O. A. Foster.	do.	3 08
10188	do.	T. L. Lowery.	do.	3 46
10189	do.	J. Rueb.	do.	2 42
10190	do.	T. M. Ghere.	do.	4 00
10191	do.	J. D. Perham.	do.	3 22
10192	do.	C. E. Kelly.	do.	3 23
10193	do.	W. D. Rohl.	do.	8 35
10194	do.	S. G. Richards.	do.	2 08
10195	do.	E. L. Martin.	do.	3 80

GENERAL UNIVERSITY VOUCHERS—*continued.*

No.	Date.	To whom.	For what.	Amount.
10196	June 16, 1914.	C. G. Plotner.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 4 37
10197	do	E. S. Hayes.....	do	3 67
10198	do	G. Hobck.....	do	3 73
10199	do	H. Ray.....	do	3 73
10200	do	G. R. Evans.....	do	1 50
10201	do	J. H. Rutan.....	do	2 85
10202	do	G. Patterson.....	do	2 18
10203	do	H. F. Ridgely.....	do	3 98
10204	do	F. Elliott.....	do	2 18
10205	do	C. Ross.....	do	3 95
10206	do	T. F. Jordan.....	do	3 30
10207	do	B. Jordan.....	do	7 98
10208	do	E. W. Smalley.....	do	3 07
10209	do	C. A. Fogel.....	do	2 55
10210	do	A. E. Burwash.....	do	3 95
10211	do	S. Atchison.....	do	3 04
10212	do	T. N. Burwash.....	do	4 42
10213	do	L. W. Maxwell.....	do	4 21
10214	do	W. H. Gray.....	do	1 56
10215	do	E. L. Martin.....	do	2 73
10216	do	Chas. H. Besly & Co.....	Laboratory supplies.....	156 82
10217	do	Partigraph Printing & Stationery Co.....	Printing.....	121 70
10218	do	W. A. Karr Lumber Co.....	Lumber.....	19 90
June 17		E. J. Filbey.....	Salary, June, 1914.....	183 33
10219	do	Edmund J. James.....	do	1,000 00
10220	do	Geo. E. Frazer.....	do	333 33
10221	do	Sue M. Farr.....	do	80 00
10222	do	E. E. Fiero.....	do	50 00
10223	do	A. R. Warnock.....	do	150 00
10224	do	Lillian Strong.....	do	50 00
10225	do	L. R. Carthens.....	do	60 00
10226	do	H. N. Fargo.....	do	120 00
10227	do	H. L. Gill.....	do	120 00
10228	do	G. A. Huff.....	do	416 66
10229	do	R. R. Jones.....	do	220 00
10230	do	E. J. Manley.....	do	90 00
10231	do	Verna Brooks.....	do	90 00
10232	do	Rosa-Lee Galt.....	do	50 00
10233	do	Agnes Hitt.....	do	20 00
10234	do	Anna L. Hugbitt.....	do	100 00
10235	do	Gertrude E. Moulton.....	do	133 33
10236	do	Dorothy-Ruth Shoemaker.....	do	70 00
10237	do	F. D. Webster.....	do	48 00
10238	do	H. E. Howes.....	do	20 00
10239	do	C. H. Westcott.....	do	20 00
10240	do	E. G. Prouty.....	do	20 00
10241	do	H. E. Berry.....	do	20 00
10242	do	H. P. Orsley.....	do	20 00
10243	do	C. R. Velzy.....	do	20 00
10244	do	F. J. Gehler.....	do	20 00
10245	do	P. C. Rich.....	do	20 00
10246	do	H. A. Hollister.....	do	20 00
10247	do	T. P. Ayer.....	do	270 83
10248	do	Minnie J. Bolman.....	do	70 00
10249	do	Nelle E. Branch.....	do	32 50
10250	do	John Breeds.....	do	32 50
10251	do	Floyd E. Britton.....	do	36 50
10252	do	Glen Christy.....	do	36 50
10253	do	Jeannie A. Craig.....	do	18 00
10254	do	F. K. W. Drury.....	do	80 00
10255	do	Fannie Dunlap.....	do	200 00
10256	do	Emma Felsenthal.....	do	60 00
10257	do	E. O. Fontaine.....	do	83 33
10258	do	Mable H. Gibson.....	do	38 00
10259	do	P. S. Goulding.....	do	36 00
10260	do	Chas. E. Graves.....	do	166 66
10261	do	Margaret Hardman.....	do	100 00
10262	do	Marie E. Hubbard.....	do	75 00
10263	do	Margaret Hutchins.....	do	27 50
10264	do	Chas. Jarvin.....	do	83 33
10265	do	Alice Johnson.....	do	41 66
10266	do	Emma R. Jutton.....	do	83 33
10267	do	Eleanor G. Karsten.....	do	100 00
10268	do	Marian Leatherman.....	do	75 00
10269	do	Marguerite Mitchell.....	do	65 00
10270	do	Adah Patton.....	do	61 66
10271	do	Katharine L. Renick.....	do	30 00
10272	do	Mary Torrance.....	do	30 00
10273	do	do	do	75 00

GENERAL UNIVERSITY VOUCHERS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
1914.				
10274	June 17	Mary Z. Troy	Salary, June, 1914	\$ 65 00
10275	do	P. L. Windsor	do	291 66
10276	do	A. G. Eldredge	do	250 00
10277	do	Orr Allyn	do	83 33
10278	do	J. P. Aumer	do	150 00
10279	do	L. R. Binding	do	83 33
10280	do	A. M. Brunson	do	70 00
10281	do	C. B. Clevenger	do	70 00
10282	do	R. W. Dickenson	do	83 33
10283	do	O. I. Ellis	do	70 00
10284	do	H. F. T. Fahrnkopf	do	70 00
10285	do	F. W. Garrett	do	100 00
10286	do	G. E. Gentle	do	70 00
10287	do	W. B. Gernert	do	150 00
10288	do	H. C. Gilkerson	do	70 00
10289	do	A. F. Heck	do	70 00
10290	do	S. V. Holt	do	150 00
10291	do	E. E. Hoskins	do	150 00
10292	do	W. R. Leighty	do	116 66
10293	do	C. C. Logan	do	150 00
10294	do	J. G. Mosier	do	46 01
10295	do	Gertrude Niederman	do	50 00
10296	do	J. H. Pettit	do	250 00
10297	do	C. O. Reed	do	120 00
10298	do	W. H. Sachs	do	133 33
10299	do	W. R. Schoonover	do	70 00
10300	do	L. H. Smith	do	291 66
10301	do	H. J. Snider	do	70 00
10302	do	H. W. Stewart	do	150 00
10303	do	E. D. VanAlstine	do	175 00
10304	do	E. H. Walworth	do	70 00
10305	do	F. M. W. Wascher	do	100 00
10306	do	H. C. Wheeler	do	150 00
10307	do	E. A. White	do	175 00
10308	do	A. L. Whiting	do	150 00
10309	do	D. O. Barto	do	200 00
10310	do	Sleeter Bull	do	133 33
10311	do	W. J. Carmichael	do	91 66
10312	do	W. C. Coffey	do	266 66
10313	do	J. A. Detlefsen	do	200 00
10314	do	J. L. Edmonds	do	208 33
10315	do	W. F. Handschin	do	200 00
10316	do	H. W. Mumford	do	416 66
10317	do	C. I. Newlin	do	100 00
10318	do	Leonora Perry	do	100 00
10319	do	H. P. Rusk	do	95 83
10320	do	F. M. Simpson	do	133 33
10321	do	W. H. Smith	do	125 00
10322	do	J. R. Wells	do	83 33
10323	do	J. J. Yoke	do	83 33
10324	do	R. E. Brand	do	175 00
10325	do	E. M. Clark	do	175 00
10326	do	W. T. Crandall	do	150 00
10327	do	W. J. Fraser	do	291 66
10328	do	R. S. Hulce	do	116 66
10329	do	O. A. Keller	do	91 66
10330	do	LeRoy Lang	do	175 00
10331	do	H. N. Parker	do	200 00
10332	do	F. A. Pearson	do	91 66
10333	do	H. A. Ruehe	do	133 33
10334	do	W. W. Yapp	do	91 66
10335	do	Ira D. Allison	do	150 00
10336	do	F. A. Aust	do	83 33
10337	do	E. W. Bailey	do	175 00
10338	do	J. C. Blair	do	416 66
10339	do	S. J. Bole	do	150 00
10340	do	A. S. Colby	do	60 00
10341	do	C. S. Crandall	do	291 66
10342	do	H. B. Dörner	do	250 00
10343	do	C. E. Durst	do	150 00
10344	do	L. E. Foglesong	do	116 66
10345	do	J. J. Gardner	do	100 00
10346	do	A. J. Gunderson	do	100 00
10347	do	Julia A. Harper	do	65 00
10348	do	R. W. Hoffman	do	70 00
10349	do	Jas. Hutchinson	do	100 00
10350	do	J. W. Lloyd	do	291 66
10351	do	Wilhelm Miller	do	250 00
10352	do	F. W. Muncie	do	83 33

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
10353	June 17, 1914.	G. L. Peltier.....	Salary, June, 1914.....	\$ 53 33
10354	do.....	B. S. Pickett.....	do.....	250 00
10355	do.....	C. C. Rees.....	do.....	41 66
10356	do.....	C. M. Robinson.....	do.....	100 00
10357	do.....	R. R. Root.....	do.....	208 33
10358	do.....	W. A. Ruth.....	do.....	150 00
10359	do.....	C. B. Sayre.....	do.....	70 00
10360	do.....	F. A. C. Smith.....	do.....	125 00
10361	do.....	O. S. Watkins.....	do.....	175 00
10362	do.....	Isabel Beyer.....	do.....	250 00
10363	do.....	Nina B. Crigler.....	do.....	116 66
10364	do.....	Georgia Fleming.....	do.....	100 00
10365	do.....	Nellie Goldthwaite.....	do.....	187 50
10366	do.....	Cora E. Gray.....	do.....	116 66
10367	do.....	Florence Harrison.....	do.....	100 00
10368	do.....	Maud Parsons.....	do.....	116 66
10369	do.....	Helena M. Pincomb.....	do.....	133 33
10370	do.....	Lurene Seymour.....	do.....	150 00
10371	do.....	Grace E. Stevens.....	do.....	110 00
10372	do.....	Ruth Wheeler.....	do.....	141 66
10373	do.....	Donald McIntosh.....	do.....	208 33
10374	do.....	S. C. Burton.....	do.....	140 00
10375	do.....	F. K. Cowley.....	do.....	160 00
10376	do.....	A. B. M. Cornuba.....	do.....	120 00
10377	do.....	Winifred Fehrenkamp.....	do.....	70 00
10378	do.....	J. H. Forsythe.....	do.....	150 00
10379	do.....	R. T. Jones.....	do.....	160 00
10380	do.....	J. M. Kellogg.....	do.....	150 00
10381	do.....	A. H. Kimball.....	do.....	150 00
10382	do.....	W. C. Titcomb.....	do.....	175 00
10383	do.....	N. A. Wells.....	do.....	150 00
10384	do.....	Earle R. Math.....	do.....	140 00
10385	do.....	Ralph E. Muehlman.....	do.....	104 16
10386	do.....	B. L. Bowling.....	do.....	140 00
10387	do.....	R. E. Davis.....	do.....	83 33
10388	do.....	J. I. Farrell.....	do.....	208 33
10389	do.....	G. W. Pickels.....	do.....	150 00
10390	do.....	W. H. Raynor.....	do.....	180 00
10391	do.....	C. C. Wiley.....	do.....	150 00
10392	do.....	A. R. Knight.....	do.....	141 66
10393	do.....	E. B. Paine.....	do.....	150 00
10394	do.....	E. H. Waldo.....	do.....	250 00
10395	do.....	Chas. R. Moore.....	do.....	166 66
10396	do.....	Robin Beach.....	do.....	130 00
10397	do.....	Ruths Crane.....	do.....	100 00
10398	do.....	H. H. Jordan.....	do.....	140 00
10399	do.....	H. W. Miller.....	do.....	100 00
10400	do.....	W. S. Nelson.....	do.....	183 33
10401	do.....	F. M. Porter.....	do.....	80 00
10402	do.....	H. O. Rugg.....	do.....	125 00
10403	do.....	B. K. Steward.....	do.....	150 00
10404	do.....	B. W. Benedict.....	do.....	141 66
10405	do.....	J. M. Duncan.....	do.....	291 66
10406	do.....	H. S. Eames.....	do.....	140 00
10407	do.....	G. A. Gross.....	do.....	80 00
10408	do.....	J. A. Pysk.....	do.....	150 00
10409	do.....	H. F. Godeke.....	do.....	91 66
10410	do.....	R. E. Kennedy.....	do.....	130 00
10411	do.....	E. T. Latham.....	do.....	150 00
10412	do.....	J. C. Pendleton.....	do.....	120 00
10413	do.....	G. H. Radabaugh.....	do.....	100 00
10416	do.....	C. R. Richards.....	do.....	110 00
10417	do.....	D. L. Strogan.....	do.....	479 16
10418	do.....	F. C. Torrance.....	do.....	120 00
10419	do.....	H. W. Waterfall.....	do.....	110 00
10420	do.....	E. A. Holbrook.....	do.....	130 00
10421	do.....	L. E. Young.....	do.....	208 33
10422	do.....	H. E. Babbitt.....	do.....	416 66
10423	do.....	G. F. Boonshtter.....	do.....	150 00
10424	do.....	N. E. Erispen.....	do.....	170 00
10425	do.....	Harry Gardner.....	do.....	150 00
10426	do.....	H. F. Gommerman.....	do.....	140 00
10427	do.....	C. E. Noerenberg.....	do.....	150 00
10428	do.....	F. B. Seely.....	do.....	170 00
10429	do.....	A. N. Tadol.....	do.....	416 66
10430	do.....	Alexander V Alliance.....	do.....	140 00
10431	do.....	W. H. Bair.....	do.....	50 00

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
10432	June 17	L. T. Jones.....	Salary, June, 1914.....	\$ 95 00
10433	..do..	Sebastian Karrer.....	..do..	70 00
10434	..do..	J. B. Nathanson.....	..do..	50 00
10435	..do..	O. A. Randolph.....	..do..	90 00
10436	..do..	G. A. Shook.....	..do..	120 00
10437	..do..	O. H. Smith.....	..do..	95 00
10438	..do..	E. H. Warner.....	..do..	80 00
10439	..do..	J. B. Hayes.....	..do..	90 00
10440	..do..	J. M. Snodgrass.....	..do..	183 33
10441	..do..	D. A. Abrams.....	..do..	150 00
10442	..do..	A. K. Chittenden.....	..do..	229 16
10443	..do..	H. H. Dunn.....	..do..	116 66
10444	..do..	R. B. Keller.....	..do..	166 66
10445	..do..	A. P. Kratz.....	..do..	133 33
10446	..do..	D. F. McFarland.....	..do..	166 66
10447	..do..	H. F. Moore.....	..do..	229 16
10448	..do..	W. A. Slater.....	..do..	150 00
10449	..do..	J. N. Vedder.....	..do..	133 33
10450	..do..	T. D. Yensen.....	..do..	133 33
10451	..do..	Paul D. Merica.....	..do..	150 00
10452	..do..	S. O. Andros.....	..do..	175 00
10453	..do..	E. H. Decker.....	..do..	291 66
10454	..do..	Frederick Green.....	..do..	291 66
10455	..do..	W. G. Hale.....	..do..	291 66
10456	..do..	O. A. Harker.....	..do..	416 66
10457	..do..	J. N. Pomeroy.....	..do..	208 33
10458	..do..	C. G. Vernier.....	..do..	291 66
10459	..do..	H. M. Cassidy.....	..do..	25 00
10460	..do..	W. H. Pillsbury.....	..do..	200 00
10461	..do..	R. F. Little.....	..do..	50 00
10462	..do..	O. M. Andrews.....	..do..	83 33
10463	..do..	K. C. Babcock.....	..do..	416 66
10464	..do..	Mary L. Waddell.....	..do..	70 00
10465	..do..	C. E. Bradbury.....	..do..	120 00
10466	..do..	C. F. Kelley.....	..do..	150 00
10467	..do..	E. J. Lake.....	..do..	187 50
10468	..do..	Mary M. Wetmore.....	..do..	150 00
10469	..do..	J. J. D. Bond.....	..do..	30 00
10470	..do..	F. W. Reed.....	..do..	140 00
10471	..do..	Joel Stebbins.....	..do..	291 66
10472	..do..	L. V. Burton.....	..do..	90 00
10473	..do..	C. R. Newell.....	..do..	100 00
10474	..do..	R. O. Brigham.....	..do..	60 00
10475	..do..	Stella M. Hague.....	..do..	90 00
10476	..do..	E. M. R. Lamkey.....	..do..	60 00
10477	..do..	J. M. LeCato.....	..do..	60 00
10478	..do..	W. B. McDougall.....	..do..	120 00
10479	..do..	Rosalie M. Parr.....	..do..	80 00
10480	..do..	S. H. Scherfee.....	..do..	30 00
10481	..do..	F. L. Stevens.....	..do..	333 33
10482	..do..	H. D. Waggoner.....	..do..	60 00
10483	..do..	J. H. Whitten.....	..do..	60 00
10484	..do..	R. K. Hursh.....	..do..	150 00
10485	..do..	B. S. Radcliffe.....	..do..	120 00
10486	..do..	C. C. Rand.....	..do..	80 00
10487	..do..	R. T. Stull.....	..do..	250 00
10488	..do..	A. E. Williams.....	..do..	125 00
10489	..do..	P. Anders.....	..do..	100 00
10490	..do..	W. C. Adams.....	..do..	10 00
10491	..do..	C. H. Allen.....	..do..	50 00
10492	..do..	R. E. Baker.....	..do..	35 00
10493	..do..	T. R. Ball.....	..do..	60 00
10494	..do..	S. J. Bates.....	..do..	100 00
10495	..do..	G. D. Beal.....	..do..	140 00
10496	..do..	S. A. Braley.....	..do..	30 00
10497	..do..	H. J. Broderson.....	..do..	120 00
10498	..do..	H. M. Carter.....	..do..	30 00
10499	..do..	E. E. Charlton.....	..do..	30 00
10500	..do..	K. A. Clark.....	..do..	35 00
10501	..do..	Alexander Cohn.....	..do..	10 00
10502	..do..	Juanita E. Darrah.....	..do..	30 00
10503	..do..	B. S. Davisson.....	..do..	60 00
10504	..do..	C. H. Eckstein.....	..do..	10 00
10505	..do..	E. W. Engle.....	..do..	50 00
10506	..do..	D. T. Englis.....	..do..	30 00
10507	..do..	L. F. Foster.....	..do..	50 00
10508	..do..	C. H. Decker.....	..do..	100 00
10509	..do..	R. W. Hess.....	..do..	50 00
10510	..do..	B. R. Honovsky.....	..do..	80 00

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
10511	June 17	B. S. Hopkins.....	Salary, June, 1914.....	\$140 00
10512	do	I. M. Janson.....	do.....	10 00
10513	do	Oliver Kamm.....	do.....	60 00
10514	June 18	H. C. Kremmers.....	do.....	30 00
10515	do	H. F. Lewis.....	do.....	50 00
10516	do	C. G. MacArthur.....	do.....	150 00
10517	do	D. A. MacInnes.....	do.....	140 00
10518	do	W. A. Manuel.....	do.....	30 00
10519	do	S. D. Marquis.....	do.....	30 00
10520	do	R. A. Nelson.....	do.....	10 00
10521	do	W. A. Noyes.....	do.....	416 66
10522	do	Anton Prasol.....	do.....	10 00
10523	do	J. W. Read.....	do.....	60 00
10524	do	P. C. Rich.....	do.....	10 00
10525	do	G. B. Rudy.....	do.....	30 00
10526	do	Clarence Scholl.....	do.....	30 00
10527	do	G. W. Sears.....	do.....	60 00
10528	do	C. W. J. Sievert.....	do.....	10 00
10529	do	G. S. Skinner.....	do.....	30 00
10530	do	C. E. Sims.....	do.....	10 00
10531	do	L. D. Smith.....	do.....	100 00
10532	do	J. D. Snook.....	do.....	10 00
10533	do	W. A. Straw.....	do.....	30 00
10534	do	E. H. Taylor.....	do.....	40 00
10535	do	S. C. Taylor.....	do.....	50 00
10536	do	Lambert Thorp.....	do.....	120 00
10537	do	R. W. Thippett.....	do.....	30 00
10538	do	H. J. Welland.....	do.....	35 00
10539	do	Edward Wichers.....	do.....	30 00
10540	do	E. A. Wildman.....	do.....	50 00
10541	do	L. T. Lyman.....	do.....	10 00
10542	do	H. D. Valentine.....	do.....	60 00
10543	do	H. J. Barton.....	do.....	291 66
10544	do	H. V. Cantler.....	do.....	250 00
10545	do	C. M. Moss.....	do.....	250 00
10546	do	W. A. Oldfather.....	do.....	250 00
10547	do	A. S. Pease.....	do.....	250 00
10548	do	E. R. Devanup.....	do.....	250 00
10549	do	E. L. Bogart.....	do.....	291 66
10550	do	T. W. Samuels.....	do.....	40 00
10551	do	C. L. Stewart.....	do.....	70 00
10552	do	C. M. Thompson.....	do.....	180 00
10553	do	J. G. Thompson.....	do.....	200 00
10554	do	W. A. Chase.....	do.....	208 33
10555	do	Simon Litman.....	do.....	40 00
10556	do	A. L. Prickett.....	do.....	250 00
10557	do	M. H. Robison.....	do.....	200 00
10558	do	H. T. Seoville.....	do.....	229 16
10559	do	N. A. Weston.....	do.....	250 00
10560	do	L. F. Anderson.....	do.....	416 66
10561	do	W. C. Bagley.....	do.....	291 66
10562	do	L. D. Coffman.....	do.....	50 00
10563	do	A. L. Hallquest.....	do.....	291 66
10564	do	C. L. Harlan.....	do.....	50 00
10565	do	C. H. Johnston.....	do.....	175 00
10566	do	W. S. Miller.....	do.....	375 00
10567	do	E. M. Alden.....	do.....	150 00
10568	do	E. C. Baldwin.....	do.....	140 00
10569	do	C. V. Boyer.....	do.....	500 00
10570	do	W. A. Buchen.....	do.....	140 00
10571	do	H. L. Clark.....	do.....	140 00
10572	do	H. L. Creek.....	do.....	140 00
10573	do	M. J. Curtl.....	do.....	110 00
10574	do	R. E. Dixon.....	do.....	270 85
10575	do	D. K. Dodge.....	do.....	175 00
10576	do	Edward Fulton.....	do.....	100 00
10577	do	T. G. Goodwin.....	do.....	125 00
10578	do	T. H. Guild.....	do.....	80 00
10579	do	Alta Gwinn.....	do.....	100 00
10580	do	Sada A. Harbarger.....	do.....	120 33
10581	do	E. S. Jones.....	do.....	158 33
10582	do	H. S. V. Jones.....	do.....	100 00
10583	do	J. C. Jordan.....	do.....	100 00
10584	do	Ruth Kelso.....	do.....	180 00
10585	do	Martha J. Kyle.....	do.....	80 00
10586	do	Marion Landee.....	do.....	120 00
10587	do	R. S. Loomis.....	do.....	150 00
10588	do	Harrison McInniston.....	do.....	208 33
10589	do	H. G. Paul.....	do.....	208 33

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
10590	June 18	Clarissa Rinaker.....	Salary, June, 1914.....	\$110 00
10591	..do....	L. R. Sarett.....	..do....	100 00
10592	..do....	Gertrude Schoepperle.....	..do....	130 00
10593	..do....	F. W. Scott.....	..do....	200 00
10594	..do....	S. P. Sherman.....	..do....	308 33
10595	..do....	T. B. Stanley.....	..do....	50 00
10596	..do....	E. G. Sutcliffe.....	..do....	100 00
10597	..do....	A. J. Tieje.....	..do....	120 00
10598	..do....	G. F. Whicher.....	..do....	110 00
10599	..do....	C. H. Woolbert.....	..do....	166 66
10600	..do....	Jacob Zeitlin.....	..do....	133 33
10601	..do....	S. A. Forbes.....	..do....	83 33
10602	..do....	Robt. D. Glasgow.....	..do....	120 00
10603	..do....	Alvah Peterson.....	..do....	60 00
10604	..do....	F. L. Fleener.....	..do....	40 00
10605	..do....	G. W. Heitkamp.....	..do....	40 00
10606	..do....	J. L. Rich.....	..do....	150 00
10607	..do....	C. S. Ross.....	..do....	40 00
10608	..do....	David Thompson.....	..do....	40 00
10609	..do....	P. S. Varto.....	..do....	100 00
10610	..do....	N. C. Brooks.....	..do....	208 33
10611	..do....	G. T. Flom.....	..do....	233 33
10612	..do....	Julius Goebel.....	..do....	312 50
10613	..do....	Alexander Green.....	..do....	120 00
10614	..do....	F. E. Held.....	..do....	50 00
10615	..do....	A. H. Koller.....	..do....	130 00
10616	..do....	O. E. Lessing.....	..do....	291 66
10617	..do....	G. H. Meyer.....	..do....	229 16
10618	..do....	C. M. Poor.....	..do....	150 00
10619	..do....	G. W. Spindler.....	..do....	50 00
10620	..do....	C. A. Williams.....	..do....	150 00
10621	..do....	A. E. Zucker.....	..do....	50 00
10622	..do....	C. W. Alvord.....	..do....	145 83
10623	..do....	Elizabeth P. Brush.....	..do....	90 00
10624	..do....	S. J. Buck.....	..do....	150 00
10625	..do....	A. C. Cole.....	..do....	150 00
10626	..do....	Frederick Duncalf.....	..do....	208 33
10627	..do....	E. B. Greene.....	..do....	416 66
10628	..do....	L. M. Larson.....	..do....	250 00
10629	..do....	A. H. Lybyer.....	..do....	233 33
10630	..do....	W. S. Robertson.....	..do....	208 33
10631	..do....	Josephine E. Burns.....	..do....	100 00
10632	..do....	E. W. Chittenden.....	..do....	120 00
10633	..do....	W. W. Denton.....	..do....	140 00
10634	..do....	C. M. Hebbert.....	..do....	60 00
10635	..do....	A. J. Kempner.....	..do....	140 00
10636	..do....	S. A. Rowland.....	..do....	75 00
10637	..do....	Geo. Rutledge.....	..do....	60 00
10638	..do....	G. W. Smith.....	..do....	60 00
10639	..do....	E. B. Stouffer.....	..do....	130 00
10640	..do....	G. E. Wahlin.....	..do....	116 66
10641	..do....	H. C. Zeis.....	..do....	60 00
10642	..do....	J. H. Beard.....	..do....	130 00
10643	..do....	W. E. Burge.....	..do....	183 33
10644	..do....	Alma J. Neill.....	..do....	60 00
10645	..do....	B. H. Bode.....	..do....	291 66
10646	..do....	A. H. Daniels.....	..do....	333 33
10647	..do....	Queen L. Shepherd.....	..do....	110 00
10648	..do....	D. L. Geyer.....	..do....	50 00
10649	..do....	W. F. Dodd.....	..do....	191 66
10650	..do....	J. W. Farner.....	..do....	333 33
10651	..do....	A. C. Hanford.....	..do....	50 00
10652	..do....	J. M. Mathews.....	..do....	150 00
10653	..do....	Russell M. Storey.....	..do....	100 00
10654	..do....	Madison Bentley.....	..do....	270 83
10655	..do....	C. A. Ruckmich.....	..do....	130 00
10656	..do....	A. H. Sutherland.....	..do....	150 00
10657	..do....	T. J. Vance.....	..do....	90 00
10658	..do....	Louis Allen.....	..do....	45 00
10659	..do....	J. B. Beck.....	..do....	166 66
10660	..do....	D. H. Carnahan.....	..do....	112 50
10661	..do....	Charles Carry.....	..do....	110 00
10662	..do....	Joseph Eppels.....	..do....	90 00
10663	..do....	J. D. FitzGerald II.....	..do....	225 00
10664	..do....	O. H. Moore.....	..do....	120 00
10665	..do....	T. E. Oliver.....	..do....	250 00
10666	..do....	J. R. Shulters.....	..do....	80 00
10667	..do....	A. R. Seymour.....	..do....	191 66
10668	..do....	L. M. Turner.....	..do....	150 00

GENERAL UNIVERSITY VOUCHERS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
10969	June 18, 1914.	T. G. Weenber.	Salary, June, 1914	\$ 90 00
10970	do.	E. C. Hayes.	do.	275 00
10971	do.	A. I. Todd.	do.	141 66
10972	do.	H. E. Chomeweth.	do.	30 00
10973	do.	Margaret V. Cobb.	do.	30 00
10974	do.	E. C. Faust.	do.	60 00
10975	do.	Bessie R. Green.	do.	60 00
10976	do.	F. B. Hanson.	do.	60 00
10977	do.	H. V. Heimbarger.	do.	60 00
10978	do.	Gertrude Johnson.	do.	40 00
10979	do.	H. G. May.	do.	30 00
10980	do.	R. H. Linkins.	do.	30 00
10981	do.	Frank Smith.	do.	250 00
10982	do.	H. W. Stunkard.	do.	30 00
10983	do.	H. J. Van Cleave.	do.	120 00
10984	do.	H. B. Ward.	do.	416 66
10985	do.	Grace E. Wells.	do.	30 00
10986	do.	David Kinley.	do.	583 33
10987	do.	A. B. Wright.	do.	50 00
10988	do.	Yetta Shetel.	do.	100 00
10989	do.	Louise Austin.	Scholarship, June, 1914.	25 00
10990	do.	Paul Bayley.	do.	25 00
10991	do.	Lillian Blaney.	do.	25 00
10992	do.	A. R. Brandner.	do.	25 00
10993	do.	Lots A. Browne.	do.	25 00
10994	do.	Helen Clark.	do.	25 00
10995	do.	Lots M. Coullas.	do.	25 00
10996	do.	Helen I. Cushing.	do.	25 00
10997	do.	Ira B. Dewey.	do.	25 00
10998	do.	L. N. Fisher.	do.	25 00
10999	do.	Philip Gorman.	do.	25 00
10700	do.	Alta A. Haskett.	do.	25 00
10701	do.	A. O. Heck.	do.	25 00
10702	do.	Nelle L. Ingels.	do.	25 00
10703	do.	Jessie J. Kile.	do.	25 00
10704	do.	C. K. Knight.	do.	25 00
10705	do.	Viola E. Knoche.	do.	25 00
10706	do.	B. F. Lamb.	do.	25 00
10707	do.	C. W. Lantz.	do.	25 00
10708	do.	Mathew Lawrence.	do.	25 00
10709	do.	Warren Lincoln.	do.	25 00
10710	do.	E. L. McKenna.	do.	25 00
10711	do.	Howard Matthews.	do.	25 00
10712	do.	Lots M. Miles.	do.	25 00
10713	do.	Jessie F. Miller.	do.	25 00
10714	do.	D. F. Pasmore.	do.	25 00
10715	do.	Karr Parker.	do.	25 00
10716	do.	N. L. Partridge.	do.	25 00
10717	do.	P. A. Parolson.	do.	25 00
10718	do.	S. H. Ray.	do.	25 00
10719	do.	H. P. Reeves.	do.	25 00
10720	do.	O. P. Schinnerer.	do.	25 00
10721	do.	W. A. Shewhart.	do.	25 00
10722	do.	Thekla M. Stephens.	do.	25 00
10723	do.	W. E. Stevens.	do.	25 00
10724	do.	C. N. Stokes.	do.	25 00
10725	do.	W. W. Sullivan.	do.	25 00
10726	do.	Margaret K. Thelen.	do.	25 00
10727	do.	Edna A. Thorne.	do.	25 00
10728	do.	Mabel E. Thorne.	do.	25 00
10729	do.	A. S. Wilber.	do.	25 00
10730	do.	W. H. Wilson.	do.	25 00
10731	do.	H. C. Wolf.	do.	25 00
10732	do.	R. S. Wolfe.	do.	35 00
10733	do.	R. W. Brown.	Fellowship, June, 1914	40 00
10734	do.	W. E. Carroll.	do.	35 00
10735	do.	F. E. Clark.	do.	35 00
10736	do.	J. L. Conel.	do.	35 00
10737	do.	S. P. Farwell.	do.	40 00
10738	do.	S. B. Fracker.	do.	35 00
10739	do.	Elizabeth M. Githins.	do.	30 00
10740	do.	J. E. Gutberlet.	do.	30 00
10741	do.	O. E. Harder.	do.	30 00
10742	do.	E. O. Hense.	do.	35 00
10743	do.	C. E. Holley.	do.	30 00
10744	do.	J. W. Howard.	do.	30 00
10745	do.	Morris Johnson.	do.	30 00
10746	do.	E. A. T. Kircher.	do.	40 00
10747	do.	P. A. Lehenbauer.	do.	40 00



## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
10748	1914.			
June 18				
10749	do	H. H. McGregor	Fellowship, June, 1914	\$ 35 00
10750	do	Wallace Macfarlane	do	35 00
10751	do	L. C. Mathewson	do	40 00
10752	do	E. B. Millard	do	40 00
10753	do	J. E. Miller	do	35 00
10754	do	A. F. Pelne	do	35 00
10755	do	F. A. Russell	do	35 00
10756	do	Minnie E. Watson	do	35 00
10757	do	Quincy Wright	do	30 00
10758	do	F. A. Wyatt	do	35 00
10759	do	J. H. Belt	Salary, June, 1914	50 00
10760	do	H. F. Hadley	do	50 00
10761	do	Rudolph McDermet	do	50 00
10762	do	G. A. Maney	do	50 00
10763	do	Julian Montgomery	do	50 00
10764	do	M. L. Nebel	do	50 00
10765	do	R. B. Pogue	do	50 00
10766	do	H. R. Thomas	do	50 00
10767	do	W. J. Wohlenberg	do	50 00
10768	do	Ethel Bond	do	133 33
10769	do	Florence R. Curtis	do	133 33
10770	do	E. J. Reece	do	133 33
10771	do	Frances Simpson	do	166 66
10772	do	A. A. Harding	do	180 00
10773	do	Florence M. Kirkup	do	100 00
10774	do	C. H. Mills	do	225 00
10775	do	E. W. Morphy	do	170 00
10776	do	H. D. Nasmvth	do	170 00
10777	do	G. F. Schwartz	do	183 33
10778	do	Anna Simon	do	100 00
10779	do	Constance Barlow-Smith	do	66 66
10780	do	Edna A. Treut	do	120 00
10781	do	H. J. Van den Berg	do	100 00
10782	do	H. W. Colson	do	180 00
10783	do	A. H. Clark	do	150 00
10784	do	W. B. Day	do	208 33
10785	do	B. L. Eicher	do	100 00
10786	do	E. N. Gatharcoal	do	180 00
10787	do	C. M. Shaw	do	150 00
10788	do	Edward Barlow	do	333 33
10789	do	A. M. Bennett	do	75 00
10790	do	H. F. Ferguson	do	80 00
10791	do	W. W. Harford	do	60 00
10792	do	M. E. Hinds	do	70 00
10793	do	H. L. Heunthik	do	70 00
10794	do	F. W. Mohlman	do	70 00
10795	do	J. F. Schnellbach	do	75 00
10796	do	M. C. Slobom	do	75 00
10797	do	F. W. Tanner	do	500 00
10798	do	Eugene Davenport	do	70 00
10799	do	B. E. Powell	do	191 66
10800	do	J. H. Checkley	do	83 33
10801	do	Augusta D. Evans	do	83 33
10802	do	R. E. Hieronymus	do	125 00
10803	do	A. W. Jamison	do	166 66
10804	do	W. P. Miller	do	41 66
10805	do	A. W. Nolan	do	200 00
10806	do	F. H. Rankin	do	291 66
10807	do	F. C. Bauer	do	133 33
10808	do	W. L. Burlison	do	116 66
10809	do	I. W. Dickerson	do	133 33
10810	do	E. T. Ebersol	do	60 00
10811	do	K. T. Eckblaw	do	133 33
10812	do	O. S. Fisher	do	100 00
10813	do	A. F. Gustafson	do	208 33
10814	do	Leonard Hegnauer	do	208 33
10815	do	M. E. Jahr	do	175 00
10816	do	J. G. Mosier	do	250 00
10817	do	Percy Ash	do	246 65
10818	do	C. R. Clark	do	208 33
10819	do	L. H. Provine	do	261 66
10820	do	N. C. Ricker	do	291 66
10821	do	I. O. Baker	do	333 33
10822	do	N. B. Garver	do	333 33
10823	do	A. B. McDaniel	do	141 66
10824	do	J. E. Smith	do	229 16
10825	do	W. M. Wilson	do	100 00
10826	do		do	153 33

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
10827	June 18	P. S. Biegler	Salary, June, 1914	\$166 66
10828	do	Morgan Brooks	do	250 00
10829	do	J. M. Bryant	do	223 16
10830	do	L. W. Fisk	do	133 33
10831	do	L. V. James	do	133 33
10832	do	J. A. Dent	do	150 00
10833	do	G. A. Goodenough	do	291 66
10834	do	O. A. Harding	do	291 66
10835	do	O. A. Leutwiler	do	241 66
10836	do	P. J. Rehman	do	80 00
10837	do	A. C. Willard	do	200 00
10838	do	M. L. Enger	do	187 50
10839	do	V. R. Fleming	do	150 00
10840	do	C. F. Carman	do	418 66
10841	do	C. T. Knipp	do	233 33
10842	do	Jacob Kunz	do	208 33
10843	do	F. R. Watson	do	228 16
10844	do	E. H. Williams	do	141 66
10845	do	W. F. Schulz	do	183 33
10846	do	A. M. Buck	do	150 00
10847	do	A. F. Comstock	do	166 66
10848	do	E. C. Schmidt	do	333 33
10849	do	Otto Rahn	do	225 00
10850	do	C. T. Hottes	do	250 00
10851	do	William Trelease	do	418 66
10852	do	C. W. Balke	do	250 00
10853	do	C. G. Derick	do	166 66
10854	do	S. W. Parr	do	333 33
10855	do	G. M. Smith	do	166 66
10856	do	E. W. Washburn	do	291 66
10857	do	H. C. P. Weber	do	166 66
10858	do	J. W. Folsom	do	208 33
10859	do	A. D. MacGillivray	do	250 00
10860	do	W. S. Bayley	do	250 00
10861	do	C. W. Rolfe	do	250 00
10862	do	T. E. Savage	do	208 33
10863	do	R. L. Borger	do	125 00
10864	do	A. R. Crathorne	do	166 66
10865	do	Arnold Emch	do	187 50
10866	do	E. B. Lytle	do	150 00
10867	do	G. A. Miller	do	291 66
10868	do	H. L. Rietz	do	158 33
10869	do	J. B. Shaw	do	229 16
10870	do	C. H. Sisam	do	183 33
10871	do	E. J. Townsend	do	333 33
10872	do	C. C. Adams	do	137 50
10873	do	J. S. Kingsley	do	291 66
10874	do	Chas. Zeleny	do	249 37
10875	do	F. M. Porter	Lettering diplomas	387 60
10876	do	David Wilkins	Dairy products furnished department of dairy husbandry	2 59
10877	do	E. Grove	do	5 72
10878	do	Lou Creiger	do	3 48
10879	do	Geo. Schiff	do	5 35
10880	do	J. E. Henderson	do	1 99
10881	do	Fred Thompson	do	2 75
10882	do	O. A. McInnes	do	3 23
10883	do	R. S. McInnes	do	1 62
10884	do	M. Hudson	do	3 11
10885	do	James Hammack	do	3 24
10886	do	O. W. Hampton	do	2 03
10887	do	H. M. Corray	do	3 75
10888	do	E. M. Snyder	do	2 78
10889	do	J. W. Rayburn	do	2 62
10890	do	C. C. Rayburn	do	4 10
10891	do	H. C. Kaufman	do	4 21
10892	do	D. B. White	do	3 48
10893	do	W. J. Wilson	do	2 67
10894	do	Daniel Hahn	do	4 46
10895	do	R. H. Brewer	do	3 19
10896	do	P. J. Wagner	do	5 83
10897	do	J. C. Woodin	do	1 89
10898	do	M. Hahn	do	6 35
10899	do	W. E. Wornacks	do	2 84
10900	do	Macy Bros.	do	9 37
10901	do	H. T. Mapes	do	3 73
10902	do	J. H. Umbanhowar	do	3 70

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
10903	June 18	J. A. R. Koch.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 5 62
10904	.do.	W. E. Yount.....	.do.	6 48
10905	.do.	Van Carter.....	.do.	4 05
10906	.do.	D. S. Herriott.....	.do.	6 44
10907	.do.	F. H. Busey.....	.do.	3 16
10908	.do.	W. E. Heyer.....	.do.	3 75
10909	.do.	Andrew Shields.....	.do.	4 72
10910	.do.	John Ingleman.....	.do.	3 80
10911	.do.	G. W. VanMeter.....	.do.	3 83
10912	.do.	J. A. Daeger.....	.do.	3 59
10913	.do.	I. H. Gordon.....	.do.	3 54
10914	.do.	W. W. Meyer.....	.do.	2 43
10915	.do.	E. A. Smith.....	.do.	2 30
10916	.do.	E. J. Percival.....	.do.	3 48
10917	.do.	W. C. Welch.....	.do.	2 81
10918	.do.	The New York Times Index.....	Books.....	8 00
10919	.do.	Archaeological Institute of America.....	.do.	1 00
10920	.do.	Goodspeed's Book Shop.....	.do.	6 50
10921	.do.	Leo Liepmannssohn.....	.do.	135 00
10922	.do.	Jules Rousset.....	.do.	205 00
10923	.do.	R. C. Adams & Co.....	.do.	1 50
10924	.do.	William J. Gerhard.....	.do.	35 00
10925	.do.	The Newarker.....	Magazine.....	1 00
10926	.do.	Graham R. Taylor.....	.do.	9 40
10927	.do.	William Trelease.....	Laboratory supplies.....	1 45
10928	.do.	Hecla-Winslow Co.....	General supplies.....	107 00
10929	.do.	A. W. Stoolman.....	General labor.....	33 10
10930	June 19	James Freeman.....	Dairy products furnished depart- ment of dairy husbandry.....	5 91
10931	.do.	Frank Kuder.....	.do.	3 78
10932	.do.	Ed. Householder.....	.do.	4 75
10933	.do.	S. T. Carter.....	.do.	4 18
10934	.do.	E. L. Martin.....	.do.	3 89
10935	.do.	J. E. Esworthy.....	.do.	6 24
10936	.do.	C. Ross.....	.do.	4 51
10937	.do.	B. Jordan.....	.do.	2 86
10938	.do.	T. F. Jordan.....	.do.	7 07
10939	.do.	E. L. Price.....	.do.	4 75
10940	.do.	Thos. M. Guynn.....	.do.	4 40
10941	.do.	J. A. Morgan.....	.do.	4 70
10942	.do.	Robt. Childers.....	.do.	2 13
10943	.do.	Herman Denhort.....	.do.	2 89
10944	.do.	J. J. Cender.....	.do.	4 44
10945	.do.	Wm. Leischner.....	.do.	4 37
10946	.do.	H. F. Ridgeley.....	.do.	2 21
10947	.do.	Frank Menser.....	.do.	2 26
10948	.do.	R. S. McNeith.....	.do.	3 29
10949	.do.	J. C. Shrock.....	.do.	3 96
10950	.do.	A. E. Burwash.....	.do.	3 56
10951	.do.	E. F. Lyons.....	.do.	2 62
10952	.do.	E. V. Percival.....	.do.	3 29
10953	.do.	W. H. Gray.....	.do.	2 70
10954	.do.	H. I. Carpenter.....	Tuning piano.....	2 00
10955	.do.	The American Baptist Home Mission Society.....	Books.....	2 24
10956	.do.	O. E. Staples, Bursar.....	General labor.....	19 03
10957	.do.	O. E. Staples, Bursar.....	Student labor.....	34 75
10958	.do.	O. E. Staples, Bursar.....	.do.	32 70
10959	.do.	C. W. Warriner.....	Clerical work.....	60 00
10960	.do.	J. C. Sharp.....	.do.	23 80
10961	.do.	O. E. Staples, Bursar.....	Rebates to students.....	17 50
10962	.do.	A. C. McClurg & Co.....	Books.....	22 72
10963	.do.	G. E. Stechert & Co.....	.do.	157 83
10964	.do.	Hoagland Taxicab Co.....	Traveling expenses.....	24 00
10965	.do.	W. C. Rappleye.....	Student assistance.....	3 38
10966	June 22	Keuffel & Esser Co. of New York.....	Laboratory apparatus.....	3 26
10967	.do.	Grant Carpenter.....	Traveling expenses.....	2 00
10968	.do.	Chas. C. Adams.....	.do.	4 45
10969	.do.	H. Y. Carson.....	Boxing typewriter.....	2 00
10970	.do.	T. D. Shonts.....	Loan.....	100 00
10971	.do.	T. H. Craig.....	Medals.....	20 00
10972	.do.	W. J. Smith.....	Installing lantern.....	1 50
10973	.do.	W. R. Bradley & Co.....	Frappe.....	22 50
10974	.do.	C. C. Gordon.....	Dairy products furnished depart- ment of dairy husbandry.....	2 26
10975	.do.	O. A. McInnes.....	.do.	2 54
10976	.do.	R. S. McInnes.....	.do.	2 62
10977	.do.	K. E. Henderson.....	.do.	1 46

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
10978	June 22	T. P. Lyons.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 3 02
10979	.do.	Lou Creiger.....	.do.	1 13
10980	.do.	E. Groves.....	.do.	3 43
10981	.do.	P. P. Dunn.....	.do.	3 62
10982	.do.	David Wilkins.....	.do.	2 05
10983	.do.	James Hammack.....	.do.	2 48
10984	.do.	W. J. Wilson.....	.do.	1 92
10985	.do.	E. M. Frankenburg.....	.do.	1 92
10986	.do.	F. P. Dalbey.....	.do.	1 97
10987	.do.	T. M. Ghere.....	.do.	4 67
10988	.do.	Wm. Van Buskirk.....	.do.	2 92
10989	.do.	W. E. Womachs.....	.do.	1 78
10990	.do.	Lon Libka.....	.do.	2 48
10991	.do.	J. B. Marsh.....	.do.	3 32
10992	.do.	John Rueb.....	.do.	4 40
10993	.do.	Edgar Gingerich.....	.do.	3 13
10994	.do.	D. S. Herriott.....	.do.	3 05
10995	.do.	C. A. Fogel.....	.do.	2 75
10996	.do.	E. W. Smalley.....	.do.	1 39
10997	.do.	F. Stadden.....	.do.	3 27
10998	.do.	J. B. Skinner.....	.do.	3 94
10999	.do.	J. A. R. Koch.....	.do.	4 40
11000	.do.	J. D. Pulliam.....	.do.	3 54
11001	.do.	R. P. Hayes.....	.do.	1 65
11002	.do.	Fred Elliott.....	.do.	4 37
11003	.do.	G. O. McMorris.....	.do.	2 24
11004	.do.	Wm. Case.....	.do.	1 78
11005	.do.	C. W. Pfeister.....	.do.	5 86
11006	.do.	G. W. Van Meter.....	.do.	3 94
11007	.do.	F. H. Busey.....	.do.	1 59
11008	.do.	S. Lee Cox.....	.do.	3 38
11009	.do.	I. H. Gordon.....	.do.	3 70
11010	.do.	C. J. Von Holten.....	.do.	4 05
11011	.do.	E. J. Percival.....	.do.	3 94
11012	.do.	W. C. Welch.....	.do.	2 08
11013	June 23	The Wabash R. R.....	Freight.....	58 95
11014	.do.	C. C., C. & St. L. Ry. Co.....	.do.	2 07
11015	.do.	C. C., C. & St. L. Ry. Co.....	.do.	2 10
11016	.do.	Illinois Central R. R. Co.....	.do.	164 70
11017	.do.	The Wabash R. R.....	.do.	242 99
11018	.do.	Illinois Traction System.....	.do.	47 62
11019	.do.	C. C., C. & St. L. Ry. Co.....	.do.	147 57
11020	.do.	L. E. Knorr.....	Traveling expenses.....	11 84
11021	.do.	Wm. A. Albrecht.....	Laboratory assistance.....	73 50
11022	.do.	A. O. Magnuson.....	Wages, June, 1914.....	80 00
11023	.do.	C. R. Sinclair.....	.do.	65 00
11024	.do.	J. K. Tuthill.....	.do.	34 30
11025	.do.	R. E. Mueller.....	.do.	4 00
11026	.do.	T. E. Layng.....	.do.	60 00
11027	.do.	C. R. Newell.....	.do.	37 50
11028	.do.	H. E. Babbitt.....	.do.	37 50
11029	June 24	G. C. Roberts.....	Dairy products furnished depart- ment of dairy husbandry.....	6 65
11030	.do.	John Englehardt.....	.do.	29 97
11031	.do.	Geo. Taylor.....	.do.	2 38
11032	.do.	John Rueb.....	.do.	2 86
11033	.do.	Wm. Leischner.....	.do.	4 46
11034	.do.	S. T. Carter.....	.do.	3 91
11035	.do.	R. H. McAllister.....	.do.	2 35
11036	.do.	L. F. Bialeschski.....	.do.	3 15
11037	.do.	W. D. Rohl.....	.do.	8 26
11038	.do.	Frank Kuder.....	.do.	2 57
11039	.do.	John Ridgley.....	.do.	2 57
11040	.do.	C. G. Patterson.....	.do.	4 54
11041	.do.	J. P. Dickson.....	.do.	3 35
11042	.do.	H. I. Nelson.....	.do.	2 94
11043	.do.	A. R. Grindley.....	.do.	2 03
11044	.do.	Andrew Shields.....	.do.	4 83
11045	.do.	J. D. Perham.....	.do.	3 02
11046	.do.	W. E. Heyer.....	.do.	3 88
11047	.do.	H. F. Ridgeley.....	.do.	2 97
11048	.do.	Harvey Ray.....	.do.	2 30
11049	.do.	J. H. Rutan.....	.do.	2 16
11050	.do.	Guy Hobick.....	.do.	4 54
11051	.do.	S. G. Richards.....	.do.	2 21
11052	.do.	Andrew Ekblaw.....	.do.	3 38
11053	.do.	B. Jordan.....	.do.	4 95
11054	.do.	C. Ross.....	.do.	3 92

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
11055	June 24	T. F. Jordan.....	Dairy products furnished department of dairy husbandry.....	\$ 7 37
11056	do.	W. H. Gray.....	do.	2 67
11057	do.	J. B. Andrews.....	Wages, June, 1914.....	50 00
11058	do.	Fred Blackburn.....	do.	50 00
11059	do.	O. F. Foster.....	do.	70 00
11060	do.	F. W. Leggett.....	do.	36 00
11061	do.	W. J. Hampton.....	do.	75 00
11062	do.	Fred Pine.....	do.	75 00
11063	do.	W. J. Engle.....	do.	70 00
11064	do.	H. E. Crouch.....	do.	115 00
11065	do.	John Palfrey.....	do.	75 00
11066	do.	H. A. Cate.....	do.	70 00
11067	do.	H. C. Lawson.....	do.	60 00
11068	do.	Earl Garver.....	do.	65 00
11069	do.	Chris C. Jensen.....	do.	55 00
11070	do.	M. R. Carlson.....	do.	60 00
11071	do.	I. Paley.....	do.	55 00
11072	do.	G. W. Beardsley.....	do.	60 00
11073	do.	C. F. Goodman.....	do.	60 00
11074	do.	C. G. Cox.....	do.	60 00
11075	do.	H. E. Codlin.....	do.	24 00
11076	do.	Frank Leggett.....	do.	18 26
11077	do.	W. E. Johns.....	do.	37 50
11078	do.	I. F. Burdick.....	do.	85 00
11079	do.	Florence Keller.....	do.	60 00
11080	do.	R. C. Glover.....	do.	66 66
11081	do.	J. C. Anderson.....	do.	70 00
11082	do.	G. S. Beaumont.....	do.	16 15
11083	do.	F. M. Colcord.....	do.	17 30
11084	do.	H. A. deWerff.....	do.	60 00
11085	do.	R. S. Dunham.....	do.	38 46
11086	do.	C. E. Glick.....	do.	32 69
11087	do.	G. M. Grantham.....	do.	40 38
11088	do.	C. T. Hufford.....	do.	45 00
11089	do.	R. C. Richey.....	do.	15 38
11090	do.	G. L. Rigg.....	do.	23 75
11091	do.	J. F. Romine.....	do.	31 06
11092	do.	T. R. Shiveley.....	do.	15 38
11093	do.	Douglas Wright, Jr.....	do.	45 00
11094	do.	W. L. Bennett.....	do.	70 00
11095	do.	B. H. Dunlap.....	do.	60 00
11096	do.	L. A. Hunter.....	do.	75 00
11097	do.	Robert W. Stark.....	do.	100 00
11098	do.	T. W. Dieckmann.....	do.	65 00
11099	do.	Chas. A. Campbell.....	do.	65 00
11100	do.	C. C. Chapman.....	do.	100 00
11101	do.	John Lankford.....	do.	60 00
11102	do.	Alice Reed.....	do.	55 00
11103	do.	Flora M. Sims.....	do.	83 33
11104	do.	L. E. Minnis.....	do.	10 00
11105	do.	Andrew Tornquist.....	do.	75 00
11106	do.	M. S. Fallis.....	Llewellyn prize.....	25 00
11107	do.	S. J. Farlow.....	do.	15 00
11108	do.	E. F. Adams.....	do.	10 00
11109	do.	H. G. Sprague.....	Prize.....	25 00
11110	do.	W. I. Kirby.....	do.	15 00
11111	do.	W. A. Breining.....	do.	5 00
11112	do.	C. B. Anthony.....	do.	5 00
11113	do.	Senate Luncheon Committee.....	Tickets.....	22 00
11114	do.	W. J. Smith.....	Labor and material.....	20 38
11115	do.	K. C. Babock.....	Traveling expenses.....	7 94
11116	do.	N. W. Hepburn.....	do.	54 19
11117	do.	Chas. M. Stuart.....	Traveling expenses and honorarium.....	110 00
11118	do.	Florence E. Watson.....	Traveling expenses.....	37 49
11119	do.	Mrs. Ellen M. Henroth.....	do.	11 69
11120	do.	Chas. M. Webber, Postmaster.....	Money advanced on postage.....	50 00
11121	do.	Geo. Huff.....	Refund towel deposits.....	440 00
11122	do.	M. H. Campbell.....	Wages, June, 1914.....	36 60
11123	do.	Frank Leggett.....	do.	14 94
11124	do.	James Prim.....	do.	20 40
11125	do.	Mrs. A. S. Hallquest.....	do.	21 30
11126	do.	C. P. Barkman.....	do.	27 20
11127	do.	A. Bagusin.....	do.	30 00
11128	do.	C. S. Fernandez.....	do.	16 00
11129	June 25	J. E. Henderson.....	Dairy products furnished department of dairy husbandry.....	1 92
11130	do.	Fred Thompson.....	do.	1 89

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
11131	June 25	E. Grove.....	Dairy products furnished depart- ment of dairy husbandry.....	\$ 3 86
11132	do.	Lou Creiger.....	do.	3 54
11133	do.	H. J. Hammack.....	do.	2 46
11134	do.	M. Hudson.....	do.	3 40
11135	do.	C. C. Gordon.....	do.	1 22
11136	do.	O. A. McInnes.....	do.	3 67
11137	do.	R. S. McInnes.....	do.	2 35
11138	do.	O. W. Hampton.....	do.	2 32
11139	do.	Geo. Schiff.....	do.	5 89
11140	do.	John Englehardt.....	do.	13 47
11141	do.	H. M. Corray.....	do.	2 03
11142	do.	David Wilkins.....	do.	2 43
11143	do.	J. C. Shrock.....	do.	3 80
11144	do.	E. W. Smalley.....	do.	2 47
11145	do.	G. W. Van Meter.....	do.	3 02
11146	do.	Andrew Shields.....	do.	3 91
11147	do.	Thos. Quinn.....	do.	2 48
11148	do.	John Ingleman.....	do.	7 55
11149	do.	O. A. Foster.....	do.	3 26
11150	do.	J. J. Cender.....	do.	4 02
11151	do.	A. W. McIlton.....	do.	3 51
11152	do.	L. B. Holtapp.....	do.	3 19
11153	do.	Daniel Hahn.....	do.	4 70
11154	do.	F. W. Howell.....	do.	5 16
11155	do.	Nicholas Hahn.....	do.	6 08
11156	do.	J. A. R. Koch.....	do.	4 40
11157	do.	P. J. Wagner.....	do.	4 37
11158	do.	D. B. White.....	do.	4 24
11159	do.	W. E. Yount.....	do.	6 78
11160	do.	W. J. Wilson.....	do.	2 86
11161	do.	R. L. Meyers.....	do.	3 51
11162	do.	H. C. Kaufman.....	do.	3 65
11163	do.	D. S. Herriott.....	do.	9 59
11164	do.	R. H. Brewer.....	do.	2 86
11165	do.	Lon Libka.....	do.	2 05
11166	do.	Frank Alsip.....	do.	3 00
11167	do.	A. W. Williams.....	do.	3 89
11168	do.	C. A. Fogel.....	do.	2 83
11169	do.	J. H. Umbanhowar.....	do.	3 51
11170	do.	H. T. Mapes.....	do.	3 13
11171	do.	Van Carter.....	do.	7 99
11172	do.	Z. Alsip.....	do.	3 51
11173	do.	F. Stadden.....	do.	3 38
11174	do.	F. H. Busey.....	do.	3 24
11175	do.	W. A. Ashworth.....	do.	2 95
11176	do.	J. W. Rayburn.....	do.	2 92
11177	do.	C. C. Rayburn.....	do.	3 32
11178	do.	A. E. Burwash.....	do.	4 70
11179	do.	I. H. Gordon.....	do.	3 96
11180	do.	I. W. Maxwell.....	do.	3 35
11181	do.	E. J. Percival.....	do.	3 40
11182	do.	H. Giltner.....	do.	1 04
11183	do.	E. A. Smith.....	do.	2 59
11184	do.	W. C. Welch.....	do.	2 19
11185	do.	C. D. Cazenove & Son.....	Books.....	34 85
11186	do.	Thos. Nelson & Sons.....	do.	3 00
11187	do.	Gustav Fock.....	do.	9 22
11188	do.	Geo. Harding.....	do.	168 95
11189	do.	John Davis.....	do.	1 41
11190	do.	B. H. Blackwell.....	do.	8 06
11191	do.	The Times Book Club.....	do.	25 95
11192	do.	Francis Edwards.....	do.	36 65
11193	do.	John Grant.....	do.	17 86
11194	do.	Paul Gottschalk.....	do.	1 65
11195	do.	G. E. Stechert & Co.....	do.	118 05
11196	do.	Otto Lange.....	do.	114 51
11197	do.	Pickering & Chatto.....	do.	352 88
11198	do.	Max Weg.....	do.	181 45
11199	do.	Oswald Weigel.....	do.	1, 440 04
11200	do.	Otto Harrassowitz.....	do.	89 97
11201	do.	O. M. McGhee.....	Wages, June, 1914.....	27 10
11202	do.	P. H. Van Winkle.....	do.	9 20
11203	do.	David Kinley.....	Traveling expenses.....	39 37
11204	do.	L. H. Provine.....	do.	10 04
11205	do.	J. G. Mosier.....	do.	12 94
11206	do.	O. M. Allyn.....	do.	13 70
11207	do.	Augusta Krieger.....	do.	17 43
11208	do.	F. M. Wascher.....	do.	31 27

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
11209	June 25	F. A. Fisher.....	Traveling expenses.....	\$ 48 00
11210	..do.	H. C. Wheeler.....	..do.	50 43
11211	..do.	S. V. Holt.....	..do.	27 05
11212	..do.	R. W. Dickenson.....	..do.	54 92
11213	..do.	W. R. Schoonover.....	..do.	5 27
11214	..do.	E. E. Hoskins.....	Traveling and field expenses.....	41 88
11215	..do.	Harrison Fahrnkopf.....	..do.	31 79
11216	..do.	Harry C. Gilkerson.....	..do.	19 13
11217	..do.	O. S. Fisher.....	Traveling expenses and tiling.....	90 80
11218	..do.	Alfred Dartt.....	Field expenses.....	39 78
11219	..do.	William Powell.....	..do.	36 62
11220	..do.	J. W. Smith.....	..do.	34 60
11221	..do.	Statute Law Book Co.....	Books.....	9 38
11222	..do.	Geo. I. Jones.....	..do.	25 00
11223	..do.	Eugene Dietzgen Co.....	Laboratory apparatus.....	75 00
11224	..do.	AnSCO Co.....	..do.	14 47
11225	..do.	International Instrument Co.....	..do.	11 00
11226	..do.	James G. Biddle.....	..do.	14 81
11227	..do.	Wm. Gaertner & Co.....	..do.	50 00
11228	..do.	Westen Electrical Ins. Co.....	..do.	62 47
11229	..do.	Gregory Electric Co.....	..do.	188 06
11230	..do.	Sanford E. Thompson.....	..do.	42 00
11231	..do.	Crouse-Hinds Co.....	..do.	117 82
11232	..do.	Morrill & Morley Mfg. Co.....	..do.	1 05
11233	..do.	Chas. H. Besly & Co.....	..do.	4 50
11234	..do.	E. H. Sargent & Co.....	..do.	27 27
11235	..do.	General Electric Co.....	..do.	34 22
11236	..do.	The Burr Co.....	..do.	78 40
11237	..do.	H. G. Miller.....	Office supplies.....	1 61
11238	..do.	Felt & Tarrant Mfg. Co.....	Comptometer.....	360 00
11239	..do.	Woldenberg & Schaar.....	Stencils.....	1 75
11240	..do.	J. W. Butler Paper Co.....	Envelopes.....	42 78
11241	..do.	University of Illinois Supply Store.....	Folders and tennis balls.....	15 68
11242	..do.	Isabella Austin.....	Office supplies.....	2 12
11243	..do.	Western Electric Co.....	Office equipment.....	66 16
11244	..do.	Pantagraph Printing & Stationery Co.....	Printing.....	692 49
11245	..do.	The University Press.....	..do.	12 25
11246	..do.	P. S. Campbell.....	..do.	5 00
11247	..do.	Illinois State Reformatory.....	..do.	76 10
11248	..do.	Osgood Co.....	Printing and publishing.....	3 00
11249	..do.	National Engraving Co.....	..do.	1 50
11250	..do.	McGraw-Hill Book Co.....	..do.	2 40
11251	..do.	H. W. Johns-Manville Co.....	General supplies.....	7 95
11252	..do.	Central Electric Co.....	..do.	1 98
11253	..do.	Lumiere Jougla Co.....	..do.	10 06
11254	..do.	The Frederick Post Co.....	..do.	15 00
11255	..do.	Indianapolis Blue Print & Supply Co.....	..do.	3 50
11256	..do.	Eisner Grocery Co.....	..do.	9 40
11257	..do.	Twin City Creamery Co.....	..do.	20 50
11258	..do.	C. A. Kiler.....	..do.	24 45
11259	..do.	Champaign Creamery Co.....	..do.	4 88
11260	..do.	Chicago Engineer Supply Co.....	Emery.....	1 00
11261	..do.	Geo. Strode.....	Awning.....	16 50
11262	..do.	R. C. Wagner & Son.....	Grading.....	104 66
11263	..do.	Folmer & Schwing Division, Eastman Kodak Co.....	Ground glass.....	2 40
11264	..do.	The John R. Kehm Co.....	General labor.....	27 00
11265	..do.	John T. Quirk.....	Paper cups.....	3 00
11266	..do.	Walker Vehicle Co.....	Jars for fire wagon.....	13 50
11267	..do.	Hunter Rourke & Co.....	Building repairs.....	19 57
11268	..do.	School Science & Math.....	Advertising.....	19 25
11269	..do.	The Public-School Pub. Co.....	..do.	40 00
11270	..do.	Warwick & York.....	..do.	20 00
11271	..do.	Walker & Mulliken.....	Burlap.....	9 90
11272	..do.	Peck & Hills Furniture Co.....	Furniture.....	4 41
11273	..do.	Indian Refining Co.....	Cylinder oil.....	18 48
11274	..do.	S. E. Dillavou.....	Farm machinery.....	219 00
11275	..do.	Knowlton & Bennett.....	Shellac and alcohol.....	6 00
11276	..do.	E. R. Welshly.....	Box for storing detonators.....	7 00
11277	..do.	J. A. W. Bird & Co.....	Enamel.....	5 70
11278	..do.	Munhall Printing House.....	Labels.....	3 00
11279	..do.	Allison & Hadaway.....	Record plates.....	4 40
11280	..do.	Library Bureau.....	Books.....	39 00
11281	..do.	Gym Store.....	Tennis balls.....	3 60
11282	..do.	Swartz Electric Shop.....	Lamp cord.....	8 75
11283	..do.	Chas. M. Webber, Postmaster.....	Postage.....	140 00
11284	..do.	J. B. Wooters.....	Lecture.....	15 00
11285	..do.	Reliable Plumbing & Heating Co.....	Plumbing.....	7 47
11286	..do.	Medart Patent Pulley Co.....	Machine repairs.....	16 40

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
11287	June 25	The C. J. Lundstrom Mfg. Co.	Furniture.	\$ 11 50
11288	do	The Letter Shop.	Clerical assistance.	5 17
11289	do	S. E. Huff & Co.	Building repairs.	2 40
11290	do	Library of Congress.	Catalog cards and reproductions.	650 00
11291	do	Western Valve Co.	Plumbing.	79 47
11292	do	Jas. B. Clow & Sons.	do.	249 03
11293	do	Postal Telegraph & Cable Co.	Telephone and telegraph.	7 79
11294	do	J. W. Spalding.	Horse shoeing.	12 00
11295	June 26	E. V. Percival.	Dairy products furnished department of dairy husbandry.	3 22
11296	do	John Englehardt.	do.	19 63
11297	do	P. P. Dunn.	do.	2 67
11298	do	James Freeman.	do.	4 27
11299	do	F. P. Dalbey.	do.	2 05
11300	do	H. F. Ridgeley.	do.	2 65
11301	do	Robt. Childers.	do.	3 02
11302	do	John Rueb.	do.	4 08
11303	do	J. D. Perham.	do.	2 89
11304	do	H. Allison.	do.	5 05
11305	do	B. Jordan.	do.	3 92
11306	do	C. Ross.	do.	2 48
11307	do	T. F. Jordan.	do.	6 05
11308	do	C. G. Plottnr.	do.	4 24
11309	do	Coon Bros.	do.	5 43
11310	do	Macy Bros.	do.	7 88
11311	do	E. P. Ott.	do.	2 48
11312	do	T. M. Ghere.	do.	3 94
11313	do	W. E. Womacks.	do.	2 54
11314	do	J. C. Woodin.	do.	1 48
11315	do	W. H. Gray.	do.	2 16
11316	do	Florence Stoutzenberg.	Wages, June, 1914.	25 00
11317	do	Mrs. F. E. McClughen.	General Labor.	10 15
11318	do	J. D. White.	Postage.	335 00
11319	do	T. H. Flood & Co.	Books.	125 00
11320	do	Old Book Store.	do.	2 00
11321	do	International Magazine Co.	do.	1 50
11322	do	Mississippi Valley Historical Assn.	do.	2 00
11323	do	The Carswell Co.	do.	5 50
11324	do	C. V. Ritter.	do.	10 50
11325	do	Goodspeed's Book Shop.	do.	3 00
11326	do	Frederick Starr.	do.	17 12
11327	do	Antiquarian Book Store.	do.	1 31
11328	do	Historical Commission of S. Carolina.	do.	5 00
11329	do	Federal Council of the Churches of Christ in American.	do.	1 85
11330	do	A. C. McClurg & Co.	do.	4 56
11331	do	G. E. Stechert & Co.	do.	64 50
11332	do	B. A. Strauch.	do.	18 69
11333	do	Standard Oil Co.	Oil.	7 00
11334	do	S. E. Dillavou.	Farm machinery.	99 25
11335	do	Frison Bros.	Machine repairs.	5 00
11336	do	J. W. Spalding.	Horse shoeing.	3 00
11337	do	W. F. Hardy.	Machine repairs.	13 09
11338	do	Barnhart Bros.	Laboratory supplies.	75 67
11339	do	Lewis S. Linder.	Wages, June, 1914.	11 55
11340	do	F. W. Gault.	do.	20 77
11341	do	B. S. Pickett.	Traveling expenses.	16 63
11342	do	Knowlton & Bennett.	General supplies.	3 00
11343	do	Champaign Seed Co.	Feeding stuffs.	17 50
11344	do	E. A. Eichorst.	Machine repairs.	26 75
11345	do	Frank Zercher.	Field expenses.	1 30
11346	do	E. H. Sargent & Co.	Laboratory supplies.	18 17
11347	do	Twin City Ice & Cold Storage Co.	Book.	25 00
11348	do	F. Blocki Co.	Farm machinery.	9 60
11349	do	Henion & Hubbell.	do.	12 50
11350	do	Library Bureau.	Furniture.	25 25
11351	do	Zenner Disinfectant Co.	Zenoleum.	6 25
11352	do	Chas. E. Prentice.	Laboratory apparatus.	12 00
11353	do	J. G. Cherry Co.	do.	14 00
11354	do	Dominion Chemical Co.	General supplies.	12 00
11355	do	Miller Harness Co.	Farm machinery.	6 00
11356	do	Standard Cap & Seal Co.	Bottles.	80 00
11357	do	Eberhard Faber.	Erasers.	7 34
11358	do	Miller-Bryant-Pierce Co.	Office supplies.	12 55
11359	June 27	Stipes & Hecker.	Lime.	2 30
11360	do	Wurttembergische Metallwarenfabrik.	Museum specimens.	499 69
11361	do	Romisch-Germanisches Zentral-Museum.	do.	88 90
11362	do	P. S. Campbell.	Printing.	33 75
11363	do	Natioanl Engraving Co.	Printing and publishing.	81 20



## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
11364	June 27	Flanigan-Pearson Co.	Printing and publishing	\$ 334 48
11365	..do.	F. M. Leslie	Furniture	11 75
11366	..do.	Geo. Murphy	Laboratory apparatus	5 78
11367	..do.	Cunningham Bros.	General supplies	15 50
11368	..do.	Sweet Wallach & Co.	..do.	43 46
11369	..do.	Chas. Gall Hardware Co.	Hardware	12 03
11370	..do.	John H. Doyle	..do.	5 30
11371	..do.	D. H. Lloyd	Rent and general supplies	31 75
11372	..do.	Taylor Hardware Co.	Hardware	65 55
11373	..do.	Bennett's Magazine Agency	Magszines	10 00
11374	..do.	T. H. Flood & Co.	Books	127 72
11375	..do.	The Boston Book Co.	..do.	69 25
11376	..do.	Koniglichen Museum	Museum specimens	59 61
11377	..do.	Gertrude Niederman	Salary, June, 1914	50 00
11378	..do.	O. M. McGhee	Wages, June, 1914	15 38
11379	..do.	The Letter Shop	Clerical work	6 75
11380	..do.	T. H. Craig	Watches	17 00
11381	..do.	Reliable Plumbing & Heating Co.	General supplies	6 72
11382	..do.	Carl Krebs	..do.	1 00
11383	..do.	C. C. Short	Field expenses	5 00
11384	..do.	Keufel & Esser Co. of New York	Office supplies	8 32
11385	..do.	H. W. Johns-Manville Co.	General supplies	3 88
11386	..do.	Poehlmann Bros. Co.	Nursery stock	18 36
11387	..do.	Geo. W. Pickels	Stakes	5 00
11388	..do.	Unitt & Wickes	Museum specimens	500 00
11389	..do.	Pantagraph Printing & Stationery Co.	Printing and publishing	448 89
11390	..do.	T. P. Sifford	General labor	3 00
11391	..do.	Eimer & Amend	Laboratory supplies	1 61
11392	..do.	Walker & Mulliken	Shades	3 00
11393	..do.	National Engraving Co.	Printing and publishing	5 25
11394	..do.	Illinois State Penitentiary	Furniture	18 00
11395	..do.	Metzler & Schafer Co.	Laborary supplies	1 25
11396	..do.	B. F. Bush	Museum specimens	46 96
11397	..do.	A. W. Jamison	Traveling expenses	5 00
11398	..do.	C. E. Durst	..do.	10 89
11399	..do.	W. P. Miller	..do.	2 87
11400	..do.	Irving-Pitt Mfg. Co.	Office supplies	16 11
11401	..do.	A. L. A. Publishing Board	General supplies	4 05
11402	..do.	Tice & Lynch	Freight and express	42 98
11403	..do.	Ernst Hertzberg & Sons	Binding	398 53
11404	..do.	Henry G. Noel	Books	8 25
11405	..do.	National Live Stock Records	..do.	4 00
11406	..do.	The John Carter Brown Library	..do.	99 90
11407	..do.	Americus Book Co.	..do.	88 00
11408	..do.	A. C. McClurg & Co.	..do.	497 70
11409	..do.	G. E. Stechert & Co.	..do.	933 57
11410	..do.	Bennett's Newspaper & Magazine Agency	Magazines	14 10
11411	..do.	Peck & Hills Furniture Co.	Furniture	26 94
11412	..do.	C. A. Kiler	..do.	63 25
11413	..do.	Willis Music Co.	Books	67 21
11414	..do.	B. A. Strauch	General supplies	31 51
11415	..do.	Flanigan-Pearson Co.	Office supplies	41 05
11416	..do.	Barnhart Bros.	Building repairs and framing picture	26 12
11417	..do.	Percival & Moorehead	General supplies	7 95
11418	..do.	Western Electric Co.	Laboratory supplies	11 75
11419	..do.	Twin City Printing Co.	Printing	9 95
11420	..do.	Albert Pick & Co.	Furniture	93 42
11421	..do.	University of Illinois Supply Store	Office equipment	7 20
11422	..do.	Coldwell Lawn Mower Co.	Machine repairs	116 20
11423	..do.	F. M. Leslie	General supplies	50 43
11424	..do.	John H. Doyle	Hardware	6 23
11425	..do.	Illinois State Reformatory	Printing	79 30
11426	..do.	P. S. Campbell	..do.	16 50
11427	June 29	O. W. Hampton	Dairy products furnished department of dairy husbandry	1 25
11428	..do.	E. J. Percival	..do.	2 22
11449	..do.	W. C. Welch	..do.	1 53
11430	..do.	R. S. McInness	..do.	1 45
11431	..do.	O. A. McInness	..do.	2 14
11432	..do.	C. C. Gordon	..do.	1 59
11433	..do.	Lou Creiger	..do.	1 92
11434	..do.	E. Grove	..do.	3 25
11435	..do.	David Wilkins	..do.	2 00
11436	..do.	S. G. Richards	..do.	2 78
11437	..do.	T. P. Lyons	..do.	2 60
11438	..do.	J. Hammack	..do.	2 00
11439	..do.	F. H. Busey	..do.	2 05
11440	..do.	E. F. Lyons	..do.	2 38

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
11441	1914. June 29	Chas. Pfeister	Dairy products furnished department of dairy husbandry.	\$ 4 42
11442	do	C. J. Von Holten	do	3 61
11443	do	W. R. McConnell	do	2 69
11444	do	G. W. Van Meter	do	2 85
11445	do	D. S. Herriott	do	3 37
11446	do	C. A. Fogel	do	2 88
11447	do	J. H. Umbanhower	do	3 38
11448	do	W. D. Rohl	do	7 10
11449	do	Herman Denhart	do	4 26
11450	do	Harvey Ray	do	2 11
11451	do	E. L. Price	do	4 00
11452	do	F. Elliott	do	4 26
11453	do	I. H. Gordon	do	2 31
11454	do	Van Carter	do	3 64
11455	do	Frank Stadden	do	4 19
11456	do	Ed. Householder	do	4 52
11457	do	J. B. Marsh	do	4 26
11458	do	John Ingelman	do	4 28
11459	do	C. E. Kelley	do	3 31
11460	do	Andrew Shields	do	3 66
11461	do	E. M. Snyder	do	3 27
11462	do	McDevitt-Wilson Bargain Book Shop	Books	1 25
11463	do	D. H. Newhall	do	3 50
11464	do	Thomas Publishing Co.	Magazines	10 00
11465	do	Bennet Magazine Co.	Magazines	5 55
11466	do	Willis Music Co.	Books	5 86
11467	do	Bauer Brothers Co.	Laboratory apparatus	58 55
11468	do	Union Iron Works	Farm machinery	64 80
11469	do	Chas. F. Witt Est.	Farm machinery and supplies	12 25
11470	do	Hausman & Dunn Co.	Laboratory supplies	5 05
11471	do	Continental Cereal Co.	Feeding stuff	150 00
11472	do	Frison Brothers	Machine repairs	2 85
11473	do	Metzler & Schafer Co.	General supplies	4 35
11474	do	B. A. Railton Co.	Cafeteria supplies	11 90
11475	do	Albert Pick & Co.	Ice box	25 25
11476	do	T. K. Robeson	General supplies	22 50
11477	do	Eisner Grocery Co.	do	39 09
11478	do	Stock Yards Cotton & Linseed Meal Co.	Feeding stuff	113 70
11479	do	Miller Harness Co.	General supplies	1 60
11480	do	Knowlton & Bennett	do	4 10
11481	do	A. N. Pierson	do	144 00
11482	do	H. W. Johns-Manville	do	170 96
11483	do	University of Illinois Supply Store	Furniture and fixtures	36 81
11484	do	H. P. Stinespring	Feeding stuff	660 00
11485	do	B. S. Strauch	General supplies	3 74
11486	do	Sturges & Burn Mfg. Co.	Laboratory apparatus	18 00
11487	do	F. M. Foltz	Field expenses	21 45
11488	do	Stipes & Hecker	General supplies	24 10
11489	do	Reliable Plumbing & Heating Co.	do	5 40
11490	do	D. H. Loyde	do	21 52
11491	do	Flanigan-Pearson Co.	Bulletins	903 93
11492	do	G. E. Stechert & Co.	Books	176 63
11493	do	Ernst Hertzberg & Sons	Binding	263 86
11494	do	Western Union Telegraph Co.	Telegrams	32 69
11495	do	Western Union Telegraph Co.	do	37 43
11496	do	The Home Telephone Co.	Tolls	1 65
11497	do	John H. Doyle	General supplies	1 90
11498	do	The Boston Book Co.	Books	209 75
11499	do	G. E. Stechert & Co.	do	379 66
11500	do	A. C. Mochurg & Co.	do	295 19
11501	do	Barbee Wire & Iron Works	Laboratory apparatus	46 25
11502	do	Geo. B. Carpenter Co.	Tools	28 35
11503	do	Angle Steel Stool Co.	Furniture and fixtures	57 72
11504	do	Charles J. Clark	Laboratory apparatus	58 80
11505	do	The Inner Braced Furniture Co.	Chairs	76 14
11506	do	National Engraving Co.	Printing	2 50
11507	do	Rogers & Hall Co.	Printing and publishing	1,326 13
11508	do	Martin H. D'Coge	Traveling expenses	22 19
11509	do	Malcolm H. Gardner	Books	12 00
11510	do	Rand McNally & Co.	do	13 60
11511	do	J. Fischer & Brother	do	1 43
11512	do	Lawyers Co-operative Publishing Co.	do	5 00
11513	do	The Carswell Co.	do	15 35
11514	do	Ernst Hertzberg & Sons	Binding	15 96
11515	do	T. H. Flood & Co.	Books	34 21
11516	do	G. E. Stechert & Co.	do	118 85
11517	do	G. A. Goodenough	Traveling expenses	8 30
11518	do	S. O. Andros	do	26 75

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
11519	June 29	Callaghan & Co.	Books.	\$105 00
11520	do.	D. H. Newhall.	do.	6 00
11521	do.	The Cadmus Book Shop.	do.	40 50
11522	do.	U. P. James, Bookseller.	do.	21 00
11523	do.	N. J. Bartlett & Co.	do.	2 66
11524	do.	H. A. O'Leary, Bookseller.	do.	3 50
11525	do.	William J. Campbell.	do.	5 00
11526	do.	The Torch Press Book Shop.	do.	12 92
11527	do.	John E. Scopes & Co.	do.	18 64
11528	do.	Geo. E. Warner.	do.	30 40
11529	do.	Eugene Dietzgen Co.	Office supplies.	12 25
11530	do.	University of Illinois Supply Store.	do.	3 15
11531	do.	Twin City Printing Co.	do.	9 00
11532	do.	Irving-Pitt Mfg. Co.	do.	2 69
11533	do.	D. H. Lloyd.	do.	71 83
11534	do.	Johnson Sanitary Creamery.	Dairy products furnished department of dairy husbandry.	7 80
11535	do.	H. E. Siegman.	do.	6 88
11536	do.	H. L. Moore.	do.	15 38
11537	do.	Geo. Bloyer.	do.	7 29
11538	do.	A. J. Spohn.	do.	7 80
11539	do.	Richmond Bros.	do.	5 20
11540	do.	Alexis Creamery Co.	do.	5 20
11541	do.	Sanitary Creamery Co.	do.	4 66
11542	do.	Newton Creamery.	do.	7 67
11543	do.	Collier Bros.	do.	7 50
11544	do.	Twin City Creamery.	do.	7 75
11545	do.	Freeport Creamery Co.	do.	7 13
11546	do.	A. J. Brogger.	do.	2 47
11547	do.	Ferdinand Grimm.	do.	4 85
11548	do.	M. E. Simonsen.	do.	7 75
11549	do.	H. O. Henry.	do.	2 00
11550	do.	O. W. Albright.	do.	4 75
11551	do.	Carmen H. Steltz.	Wages, June, 1914.	65 00
11552	do.	Hazel W. Ricketts.	do.	40 00
11553	do.	C. F. Harding.	do.	80 00
11554	do.	C. F. Harding.	do.	20 00
11555	do.	Agnes A. Wagner.	do.	60 00
11556	do.	H. D. McQueen.	do.	50 00
11557	do.	Will Patterson.	do.	50 00
11558	do.	M. F. Stivers.	do.	50 00
11559	do.	J. E. Kelley.	do.	57 50
11560	do.	M. D. Rose.	do.	52 50
11561	do.	E. Pergande.	do.	95 00
11562	do.	Ida Luther.	do.	22 00
11563	do.	Daisy Swearingen.	do.	50 00
11564	do.	W. S. Goodspeed.	do.	83 33
11565	do.	J. J. Herbert.	do.	85 00
11566	do.	W. W. Miller.	do.	75 00
11567	do.	Roy M. Ross.	do.	80 00
11568	do.	Elizabeth Muhleman.	do.	50 00
11569	do.	Floyd E. Frewitt.	do.	50 00
11570	do.	Elmer Jenkins.	do.	60 00
11571	do.	Geo. Jensen.	do.	55 00
11572	do.	W. T. Marsh.	do.	50 00
11573	do.	Levi R. Askins.	do.	50 00
11574	do.	Hiram Williamson.	do.	50 00
11575	do.	D. T. Brooks.	do.	50 00
11576	do.	E. G. Johnson.	do.	36 00
11577	do.	Florence Grabbe.	do.	50 00
11578	do.	Hiram Hamlin.	do.	50 00
11579	do.	William Hough.	do.	83 33
11580	do.	Earl Meenach.	do.	65 00
11581	do.	Oliver Gossett.	do.	60 00
11582	do.	John Flocken.	do.	60 00
11583	do.	Roy Argo.	do.	55 00
11584	do.	Jasper Dillon.	do.	50 00
11585	do.	Ralph Eaton.	do.	47 50
11586	do.	Lawrence Engle.	do.	50 00
11587	do.	A. S. Stoltzfus.	do.	47 50
11588	do.	Lucy N. Barto.	do.	20 00
11589	do.	M. J. Conley.	do.	75 00
11590	do.	Jesse Cook.	do.	55 00
11591	do.	Fred Dale.	do.	50 00
11592	do.	Ralph Engle.	do.	55 00
11593	do.	Geo. Mink.	do.	47 50
11594	do.	H. F. Moore.	do.	50 00
11595	do.	Frank Sanders.	do.	50 00
11596	do.	Cash Shipman.	do.	50 00

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
11597	June 29	F. E. Houser	Wages, June, 1914.	\$ 50 00
11598	do	Lawrence Nesbitt	do	55 00
11599	do	Mamie Bunch	do	45 00
11600	do	J. E. Morgan	do	15 00
11601	do	Lavina Dille	do	50 00
11602	do	Mrs. Louise Redman	do	60 00
11603	do	Mrs. Lizzie Shue	do	40 00
11604	do	Mrs. Emma Conrad	do	35 00
11605	do	Etta Hensel	do	45 00
11606	do	Mrs. Kramer	do	41 25
11607	do	Ray W. Wilson	do	65 00
11608	do	Julian Smith	do	29 34
11609	do	Cloyd Smith	do	22 20
11610	do	Clarence Scholl	do	70 00
11611	do	R. J. Weiland	do	35 00
11612	do	O. E. Staples, Bursar	General labor	184 19
11613	do	O. E. Staples, Bursar	Clerical work	130 31
11614	do	O. E. Staples, Bursar	Student labor	101 43
11615	do	O. E. Staples, Bursar	Rebates to students	29 00
11616	do	O. E. Staples, Bursar	Sundry bills	9 88
11617	do	O. E. Staples, Bursar	Express	56 61
11618	do	O. E. Staples, Bursar	do	38 00
11619	do	O. E. Staples, Bursar	Student labor	63 83
11620	do	O. E. Staples, Bursar	Rebates to students	109 50
11621	do	O. E. Staples, Bursar	General labor	290 50
11622	June 30	A. C. McClurg & Co.	Office supplies	8 91
11623	do	C., C., C. & St. L. Ry. Co.	Freight	2 24
11624	do	American Assn. of Law Libraries.	Books	10 00
11625	do	Arthur H. Clark Co.	do	2 50
11626	do	E. A. Kircher	do	6 00
11627	do	Americus Book Co.	do	2 00
11628	do	Paul Gottschalk, Antiq	do	1 60
11629	do	Henry Bosch Co.	Building repairs	20 65
11630	do	Harry Garr	Expert service	50 00
11631	do	H. P. Rusk	Traveling expenses	12 53
11632	do	W. L. Gaines	do	30 73
11633	do	F. W. Garrett	do	38 03
11634	do	U. of I. Supply Store	Furniture and fixtures	27 68
11635	do	The Tablet & Ticket Co.	General supplies	4 80
11636	do	Bausch & Lomb Optical Co.	Laboratory apparatus	200 25
11637	do	Emil Greimer Co.	Laboratory supplies	5 88
11638	do	R. C. Wagner & Son	General supplies	2 50
11639	do	Oldham Brothers	Supplies	2 00
11640	do	Eisner Grocery Co.	General supplies	3 77
11641	do	Reliable Plumbing & Heating Co.	Building repairs	1 68
11642	do	Lumiere Jougale Co.	General supplies	7 00
11643	do	F. M. Leslie	do	8 84
11644	do	The Warren Brush Co.	Janitor supplies	12 60
11645	do	Library Bureau	Laboratory apparatus	5 00
11646	do	E. H. Sargent & Co.	Laboratory supplies	47 85
11647	do	Eimer & Amend	do	15 00
11648	do	Morris & Co.	Freight and express	6 79
11649	do	Harvard College Library	Catalog cards	28 70
11650	do	E. G. Jaeck	Books	13 50
11651	do	J. W. Butler Paper Co.	Office supplies	107 87
11652	do	Keuffel & Esser Co.	do	12 88
11653	do	Illinois Central Ry. Co.	Freight	5 44
11654	do	The Wabash R. R.	do	8 40
11655	do	Illinois Traction System	do	14 04
11656	do	C., C., C. & St. L. Ry. Co.	do	52 07
11657	do	Sweet Wallach & Co.	General supplies	5 41
11658	do	W. W. Walls & Co.	do	43 46
11659	do	Watson Faulkner	do	18 55
11660	do	Irvrng Pitt Mfg. Co.	Office supplies	10 17
11661	do	John H. Doyle	General supplies	41 18
11662	do	The Burr Co.	Laboratory supplies	112 84
11663	do	Twin City Ice & Cold Storage Co.	General supplies	83 00
11664	do	The Eco-Thermal Co.	Laboratory apparatus	225 40
11665	do	A. H. Barber Creamery Supply Co.	General supplies	18 09
11666	do	Metzler & Schafer	do	1 05
11667	do	Burrough Adding Machine Co.	Office equipment	23 03
11668	do	Standard Cap & Seal Co.	General supplies	49 50
11669	do	The De Laval Separator Co.	Machine repairs	1 80
11670	do	Louis Ely & Co.	do	75 00
11671	do	Twin City Bindery & Blank Book Co.	Office supplies	54 75
11672	do	Harris, Dillavon & Co.	General supplies	40 00
11673	do	The Tablet & Ticket Co.	Office supplies	5 35
11674	do	John McCullough	Feeding stuff	176 96
11675	do	Stone & Forsyth Co.	General supplies	10 29

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
11676	June 30	William Brothers	General supplies	\$ 3 05
11677	..do.	Eisner Grocery Co.	..do.	4 17
11678	..do.	Blanke Mfg. & Supply Co.	..do.	67 70
11679	..do.	American Mono-Service Co.	..do.	18 13
11680	..do.	Baker-Vawter Co.	Furniture and fixtures	150 38
11681	..do.	Central Electric Co.	Laboratory supplies	1 04
11682	..do.	E. A. Holbrook	Traveling expenses	31 57
11683	..do.	Western Electric Co.	Office equipment	60 32
11684	..do.	Standard Oil Co.	General supplies	1 30
11685	..do.	T. H. Flood & Co.	Books	138 51
11686	..do.	The Carswell Co.	..do.	309 14
11687	..do.	H. E. Cunningham	Balance of salary, Sept., 1913	16 66
11688	..do.	P. J. Nilsen	Drafting, June, 1914	9 44
11689	..do.	W. F. Campbell	Clerical work June	34 88
11690	..do.	Edward L. McKenna	..do.	14 00
11691	..do.	T. H. Burrell	..do.	12 60
11692	..do.	Ralph H. Linkins	Teaching assistant, June, 1914	3 20
11693	..do.	W. F. Campbell	Wages, June, 1914	8 10
11694	..do.	H. I. Hannah	..do.	23 25
11695	..do.	P. D. Jenks	..do.	25 94
11696	..do.	Arthur A. Odell	..do.	35 75
11697	..do.	A. L. Shriver	..do.	46 57
11698	..do.	J. L. Simonich	..do.	23 10
11699	..do.	M. E. Slater	..do.	57 60
11700	..do.	Herman Dale	..do.	28 20
11701	..do.	S. C. Skemp	..do.	27 50
11702	..do.	S. H. Ray	..do.	25 00
11703	..do.	C. A. Hughes	..do.	21 67
11704	..do.	Gauthier-Villars	Books	5 00
11705	..do.	Francis Edwards	..do.	2 41
11706	..do.	John Davis	..do.	1 53
11707	..do.	Sweet & Maxwell, Ltd.	..do.	8 06
11708	..do.	Geo. Harding	..do.	69 07
11709	..do.	Andre Geradin	..do.	36 71
11710	..do.	Societe Mathematique de France	..do.	3 03
11711	..do.	Porrua Hermanos	..do.	1 10
11712	..do.	Martinus Nijhof	..do.	10 00
11713	..do.	B. Haas	..do.	1 42
11714	..do.	Pickering & Chatto	..do.	46 82
11715	..do.	Henry Sotheran & Co.	..do.	1, 228 05
11716	..do.	Luzac & Co.	..do.	2 85
11717	..do.	Honore Champion	..do.	96 87
11718	..do.	Edw. G. Allen & Son, Ltd.	..do.	498 17
11719	..do.	Otto Harrassowitz	..do.	177 06
11720	..do.	Luigi Lubrano	..do.	11 85
11721	..do.	Oswald Weigel	..do.	123 46
11722	..do.	Munsell Publishing Co.	..do.	9 00
11723	..do.	Geo. E. Warner	..do.	8 75
11724	..do.	Ernst Hertzberg & Sons	Binding	353 37
11725	..do.	The University of Chicago Press	Catalog cards	389 22
11726	..do.	A. C. McClurg & Co.	Books	6 60
11727	..do.	Taylor Hardware Co.	Building repairs	8 85
11728	..do.	S. E. Huff & Co.	Lumber	20 35
11729	..do.	Bacon Brothers	General supplies	32 70
11730	..do.	D. H. Lloyd	Office supplies	13 95
11731	..do.	Ernst Hertzberg & Sons	Binding	20 72
11732	..do.	Pantagraph Printing & Stationery Co.	Printing and publishing	11 85
11733	..do.	Underwood Typewriter Co.	Typewriter	54 25
11734	..do.	Berkshire Glass Sand Co.	Sand	1 00
11735	..do.	American Steel & Wire Co.	Fencing	206 49
11736	..do.	Henion & Hubbell	Farm machinery	12 50
11737	..do.	The Frederick Post Co.	Solar paper	1 22
11738	..do.	Indian Refining Co.	General supplies	1 00
11739	..do.	Cromarty Law Book Co.	Books	6 00
11740	..do.	The Boston Book Co.	..do.	5 00
11741	..do.	The Arthur H. Clark Co.	..do.	3 93
11742	..do.	The Cadmus Book Shop	..do.	3 95
11743	..do.	Indiana University Department of Hist. & Pol. Science	..do.	10 25
11744	..do.	D. H. Newhall	..do.	3 50
11745	..do.	W. E. Praeger	Traveling expense	15 00
11746	..do.	O. E. Staples, Bursar	Clerical work	93 00
11747	..do.	John Reichard	Feeding stuffs	175 23
11748	..do.	Joseph Baer & Co.	Books	268 13
11749	..do.	Gustav Fock	..do.	1, 665 02
11750	..do.	R. Friedlander & Sons	..do.	600 60
11751	..do.	Karl Max Poppe	..do.	1 22
11752	..do.	Gabruder Borntraeger	..do.	1 83
11753	..do.	Leo Liepmannsohn	..do.	2 40

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914.				
11754	June 30	Felix L. Dames	Books	\$ 4 09
11755	do	Oswald Weigel, Antiq.	do	113 10
11756	do	Bernhard Liebisch	do	359 31
11757	do	J. Terquem	do	559 12
11758	do	Adolf Weigel	do	3 27
11759	do	Dultz & Co.	do	6 00
11760	do	A. M. Teizerira	do	57 14
11761	do	Anacreonte Chiurazzi	do	7 22
11762	do	Th. Stauffer	do	1 95
11763	do	Museum Book Store	do	25 85
11764	do	Königlichen Bibliothek	do	54 50
11765	do	W. W. Thornton	Traveling expenses	7 37
11766	do	Baumann & Beckmann	Furniture and fixtures	95 85
11767	do	E. Gilleron & Son	Museum specimens	472 00
11768	do	Receivers, Central Union Telephone Co.	Telephone and telegraph	40 19
11769	do	The Western Electric Co.	Desk fan	15 08
11770	do	National X-Ray Reflector Co.	Laboratory apparatus	239 79
11771	do	Leavitt Mfg. Co.	Apparatus repairs	2 32
11772	do	Oldham Brothers	General supplies	11 05
11773	do	Great Western Mfg. Co.	Laboratory apparatus	55 00
11774	do	Durand Steel Locker Co.	Furniture and fixtures	147 50
11775	do	Baker & Co., Inc.	Laboratory supplies	49 89
11776	do	Osgood Co.	Printing and publishing	101 57
11777	do	George E. Jenks	General supplies	60 00
11778	do	H. F. Wickham	Museum specimens	30 00
11779	do	Hunter, Rourke & Co.	Map cases	115 50
11780	do	O'Byrne Transfer & Storage Co.	Hauling load printing to Flanigan and Pearson	1 00
11781	do	Illinois Society of Engineers & Surveyors	Advertising	10 00
11782	do	Urbana Courier Co.	Printing and publishing	89 25
11783	do	Newton D. Mereness	Wages, June, 1914	150 00
11784	do	Interstate Commerce Bureau Co., Inc.	Books	175 00
11785	do	T. H. Flood & Co.	do	112 55
11786	do	C. V. Ritter	do	18 75
11787	do	G. E. Stechert & Co.	do	2 70
11788	do	The Boston Book Co.	do	36 00
11789	do	C. R. Nickolls	Clerical work	55 13
11790	do	F. M. Leslie	Picture and frame	51 00
11791	do	National Blank Book Co.	Office supplies	132 72
11792	do	O. E. Staples, Bursar	Rebates to students	25 00
11793	do	O. E. Staples, Bursar	Student labor	21 37
11794	do	O. E. Staples, Bursar	do	22 98
11795	do	O. E. Staples, Bursar	General labor	117 80
11796	do	Peck & Hills Furniture Co.	Furniture	98 24
11797	do	E. H. Sargent & Co.	Laboratory supplies	169 56
11798	do	Ernst Hertzberg & Sons	Books	105 77
11799	do	G. E. Stechert & Co.	do	597 03
11800	do	A. C. McClurg & Co.	do	56 86
11801	do	Thomas J. Taylor	do	37 10
11802	do	G. W. Sheldon & Co.	Freight and express	33 48
11803	do	A. C. McClurg & Co.	Books	111 32
11804	do	G. E. Stechert & Co.	do	166 08
11805	do	C. A. Kiler	Furniture	55 35
11806	do	D. H. Lloyd	Furniture and piano rent	50 14
11807	do	Manning, Macwell & Moore, Inc.	Laboratory apparatus, centering machine	275 00
11808	do	Gardner Machine Co.	Patternmaker's machine	551 25
11809	do	Simplex Time Recorder Co.	Card recorder	100 00
11810	do	Warren, Webster & Co.	Air washer	463 00
11811	do	The Cincinnati Time Recorder Co.	Card recorder	83 00
11812	do	N. T. Pierce	Lime and axe	7 10
11813	do	A. M. Wallace	Live stock	495 00
11814	do	L. C. Smith & Brothers Typewriter Co.	Balance due for typewriter	57 50
11815	do	Charles Englehard	Galvanometer	47 00
11816	do	Baltimore Copper S. & R. Co.	Laboratory apparatus	214 04
11817	do	C. A. Brumley	Wages, June, 1914	52 00
11818	do	Ernst Hertzberg & Sons	Books	125 88
11819	do	John Reichard	Feeding stuffs	1,269 05
11820	do	Twin City Ice & Cold Storage Co.	Storage on concrete blocks	1 00
11821	do	Laura B. Evans	Traveling expenses	61 40
11822	do	Western Electric Co.	Desk fan	15 08
11823	do	Remington Typewriter Co.	Typewriter	28 50
11824	do	C. A. Kiler	Furniture	41 40
11825	do	Barnhart Bros.	Wire nails	2 25
11826	do	Stipes & Hecker	Fencing	44 50
11827	do	S. E. Huff & Co.	Building repairs	25 80
11828	do	L. C. Smith & Bros. Typewriter Co.	Balance for typewriter	27 50
11829	do	General Electric Co.	Machine repairs	14 32
11830	do	Leavitt Mfg. Co.	Fencing	25 92

## GENERAL UNIVERSITY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
11831	June 30	Eugene Dietzgen Co.	Drawing boards	\$ 182 00
11832	do	Central Electric Co.	Laboratory supplies	80 55
11833	do	Miller Harness Co.	Farm machinery	97 00
11834	do	Paisley & Shively	Storage of hay	67 50
11835	do	A. H. Barber Creamery Supply Co.	Hand tester	25 50
11836	do	Burroughs Adding Machine Co.	Carrying case	5 00
11837	do	Twin City Creamery Co.	Separator oil and point	1 10
11838	do	S. A. Sandweger	Coal	59 00
11839	do	W. W. Walls & Co.	Building repairs	1 75
11840	do	Watson Faulkner	General supplies	12 50
11841	do	Frison Bros.	Building repairs	5 00
11842	do	W. F. Hardy	do	9 25
11843	do	A. N. Marquis & Co.	Book	4 75
11844	do	Baker-Voorhis Co.	Balance on book	51 16
11845	do	Urbana Courier Co.	Printing and publishing	34 75
11846	do	Library Bureau	Cards	5 00
11847	do	Buffalo Steam Pump Co.	Book	3 00
11848	do	Western Society of Engineers	Printing and publishing	32 50
11849	do	T. H. Craig	Repairing stop-watch	1 00
11850	do	The Ludlow Valve Mfg. Co.	Plumbing	68 04
11851	do	The United Steel Co.	Steel	12 05
11852	do	Marmon-Buick Sales Co.	Oil bag	2 00
11853	do	Jacob White	Building materials and labor	17 00
11854	do	Tuttle & Bailey Mfg. Co.	Building material	3 50
11855	do	The General Fireproofing Co.	Filing cabinet	27 00
11856	do	J. T. Ryerson & Son	Tool steel	8 96
11857	do	Geo. E. Amsbary Co.	Wheat bran	480 00
11858	do	J. Reichard	Oats	348 40
11859	do	Robert McEmer	Ewes	120 00
11860	do	Electric Appliance Co.	Laboratory apparatus	49 20
11861	do	Central Electric Co.	Receiver and condensers	31 00
11862	do	Bausch & Lomb Optical Co.	Telescopes	174 00
11863	do	LaSalle Extension University	Books	12 00
11864	do	Callaghan & Co.	do	105 00
11865	do	Henry Stevens, Son & Stiles	do	76 85
11866	do	The Museum Book Store	do	18 00
11867	do	R. R. Bowker Co.	Publishing	20 00
11868	do	The Novelty News Co.	Books	2 50
11869	do	A. W. Shaw Co.	do	5 00
11870	do	Bacon Bros.	Paint, varnish and brush	3 20
11871	do	Robt. Graham	Dairy products furnished department of dairy husbandry	1 53
11872	do	A. R. Grindley	do	3 27
11873	do	H. I. Nelson	do	1 43
11874	do	Fred Thompson	do	1 51
11875	do	J. E. Henderson	do	1 09
11876	do	G. Hobick	do	3 43
11877	do	J. Rueb	do	2 83
11878	do	William Leischner	do	4 76
11879	do	A. E. Burwash	do	4 63
11880	do	E. W. Smalley	do	2 30
11881	do	R. L. Myers	do	6 99
11882	do	T. F. Jordan	do	6 27
11883	do	C. Ross	do	3 20
11884	do	B. Jordan	do	5 90
11885	do	I. W. Maxwell	do	4 08
11886	do	W. H. Gray	do	2 16
11887	do	T. N. Burwash	do	4 00
11888	do	T. H. Flood & Co.	Books	22 50
11889	do	Ernst Hertzberg & Sons	do	203 57
11890	do	A. C. McClurg & Co.	do	42 94
11891	do	T. H. Flood & Co.	do	45 44
11892	do	AnSCO Co.	General supplies	62 89
11893	do	Rogers & Ball Co.	Printing and publishing	1, 206 57
11894	do	George Strode	Awnings	72 10
11895	do	S. E. Dillavou	Farm machinery	93 50
11896	do	P. S. Campbell	Printing	5 25
11897	do	Automatic Electric Co.	General supplies	120 00
11898	do	Alexander Lumber Co.	Lumber	144 90
11899	do	The Chas. A. Hall Hardware Co.	Hardware	42 32
11900	do	The Burr Co.	Building repairs	47 35
11901	do	Taylor Hardware Co.	Hardware	22 76
11902	do	John H. Doyle	do	41 98
11903	do	D. H. Lloyd	Office supplies	98 79
11904	do	Flanigan-Pearson Co.	do	42 15
11905	do	The Western Electric Co.	Electric supplies	63 88
11906	do	Illinois State Reformatory	Printing	17 95
11907	do	F. K. Robeson	Dry goods	5 41
11908	do	U. of I. Supply Store	Books	6 75

GENERAL UNIVERSITY VOUCHERS—*Concluded.*

No.	Date.	To whom.	For what.	Amount.
	1914.			
11909	June 30	D. H. Lloyd	Books	\$ 44 93
11910	do	S. E. Huff & Co.	Lumber	16 90
11911	do	Barnhart Bros.	Laboratory tables	13 00
11912	do	U. & C. Ry. Gas & Electric Co.	Gas meter	7 50
11913	do	Twin City Ice & Cold Storage Co.	Ice books	4 00
11914	do	The Burr Co.	Laboratory supplies	16 29
11915	do	Tice & Lynch	Freight and express	13 92
11916	do	G. E. Stechert & Co.	Books	6 30
11917	do	Morrison, Plummer & Co.	Laboratory supplies	54 54
11918	do	E. H. Sargent & Co.	do	2 70
11919	do	Western Fuel Co.	Coal	28 70
11920	do	F. G. Hartwell Co.	do	88 05
11921	do	The University Hospital	Board and room	78 25
11922	do	Consumers Co.	Coupon book	13 00
11923	do	Mallory & Mitchell	Advertising	15 00
11924	do	Nick Starck & Sons	Services as night watchman, June, 1914	60 00
11925	do	Kasen's Express & Ban Co.	Freight and express	4 85
11926	do	Illinois State Penitentiary	Tables	54 00
11927	do	Goodhart's Laundry	Laundry, June, 1914	37 81
11928	do	Borden's Condensed Milk Co.	Milk	4 16
11929	do	R. D. Swisher Mfg. Co.	Laboratory supplies	5 18
11930	do	Arthur Hardis & Co.	do	10 00
11931	do	H. M. Hooker Co.	Building material	3 75
11932	do	Review Printing & Stationery Co.	Printing and publishing	43 80
11933	do	Marshall Field & Co., Wholesale	Sheet wadding	3 00
11934	do	Chicago Towel Co.	Laundry	37 68
11935	do	Freeman-Sweet Co.	Building repairs	2, 103 70
11936	do	V. Mueller & Co.	Laboratory apparatus	76 36
11937	do	Demonstrator's Assn. of Illinois	Cadavers, June, 1914	65 00
11938	do	Western Lumber Co.	Building material	9 54
11939	do	A. C. McClurg & Co.	Office supplies	9 99
11940	do	Maas Bros.	Building repairs	22 89
11941	do	Rounds-Truman Co.	Office supplies	30 50
11942	do	The Peoples Gas Light & Coke Co.	Gas	12 80
11943	do	C. L. Frame Dental Supply Co.	Laboratory supplies	90 81
11944	do	Ward-Leonard Electric Co.	Laboratory apparatus	51 00
11945	do	Henion & Hubbell	do	282 50
11946	do	C. C. Adams	Freshman adviser, second semester, 1913-14	25 00
11947	do	C. W. Balke	do	25 00
11948	do	W. S. Bayley	do	25 00
11949	do	C. V. Boyer	do	25 00
11950	do	W. Buchen	do	25 00
11951	do	W. E. Burge	do	25 00
11952	do	T. A. Clark	do	25 00
11953	do	A. R. Crathorne	do	25 00
11954	do	C. G. Derick	do	25 00
11955	do	W. F. Dodd	do	25 00
11956	do	D. K. Dodge	do	25 00
11957	do	J. D. Fitzgerald II	do	25 00
11958	do	T. H. Guild	do	25 00
11959	do	E. C. Hayes	do	25 00
11960	do	C. F. Kelley	do	25 00
11961	do	C. G. McArthur	do	25 00
11962	do	D. A. McInnes	do	25 00
11963	do	H. McJohnston	do	25 00
11964	do	C. M. Moss	do	25 00
11965	do	S. W. Parr	do	25 00
11966	do	H. G. Paul	do	25 00
11967	do	F. W. Scott	do	25 00
11968	do	A. R. Seymour	do	25 00
11969	do	C. H. Sisam	do	25 00
11970	do	G. M. Smith	do	25 00
11971	do	A. J. Todd	do	25 00
11972	do	H. B. Ward	do	25 00
11973	do	C. H. Woolbert	do	25 00
11974	do	A. R. Warnock	do	25 00
11975	do	F. R. Watson	do	25 00



## AGRICULTURAL EXPERIMENT STATION VOUCHERS.

No.	Date.	To whom.	For what.	Amount.
1913.				
1	July 19	O. E. Staples, Bursar	Sundry bills paid	\$ 5 36
2	July 24	H. H. Mitchell	Salary, July, 1913	125 00
3	.do.	A. D. Emmett	.do.	166 66
4	.do.	John A. Detlefsen	.do.	166 66
5	.do.	J. M. Barnhart	.do.	133 33
6	.do.	Martin J. Prucha	.do.	208 33
7	.do.	E. W. Bailey	.do.	150 00
8	.do.	S. J. Bole	.do.	133 33
9	.do.	Thomas Bregger	.do.	100 00
10	.do.	C. S. Crandall	.do.	291 66
12	.do.	Anna C. Glover	.do.	90 00
11	.do.	E. Davenport	.do.	500 00
13	.do.	H. L. Reitz	.do.	91 66
14	.do.	J. T. Barrett	.do.	75 00
15	July 29	Illinois State Reformatory	Printing lists	9 60
16	Aug. 5	Paul Hayhurst	Wages, July, 1913	21 90
17	.do.	Chas. Pollard	.do.	54 00
18	.do.	C. E. Trout	.do.	50 00
19	.do.	A. J. Herbolzheimer	.do.	49 27
20	.do.	Roy Mount	.do.	51 00
21	.do.	A. J. Corson	.do.	52 00
22	.do.	C. E. Fifield	.do.	22 40
23	Aug. 28	Clay, Robinson & Co.	Live stock	297 10
24	Sept. 2	H. H. Mitchell	Salary, August, 1913	125 00
25	.do.	A. D. Emmett	.do.	166 74
26	.do.	J. A. Detlefsen	.do.	166 74
27	.do.	J. M. Barnhart	.do.	133 37
28	.do.	M. J. Prucha	.do.	208 37
29	.do.	F. W. Bailey	.do.	150 00
30	.do.	S. J. Bole	.do.	133 37
31	.do.	Thomas Bregger	.do.	100 00
32	.do.	C. S. Crandall	.do.	291 74
33	.do.	E. Davenport	.do.	500 00
34	.do.	Anna C. Glover	.do.	90 00
35	.do.	J. T. Barrett	.do.	75 00
36	.do.	H. L. Reitz	.do.	91 74
37	Sept. 6	M. C. Bocher	Labor	38 00
38	.do.	Lawrence Hahr	Clerical assistance	50 00
39	Sept. 10	Paul Hayhurst	Wages, August, 1913	44 40
40	.do.	Charles Pollard	.do.	50 00
41	.do.	C. E. Trout	.do.	52 00
42	.do.	Roy Mount	.do.	3 00
43	.do.	A. J. Corson	.do.	52 00
44	Sept. 11	O. E. Staples, Bursar	Sundry bills paid	22 75
45	Sept. 17	Addressograph Co.	Plates	7 50
46	.do.	Alexander Lumber Co.	Lumber	27 76
47	Sept. 29	A. D. Emmett	Salary, September, 1913	166 66
48	.do.	J. M. Barnhart	.do.	133 33
49	.do.	Anna C. Glover	.do.	100 00
50	.do.	M. J. Prucha	.do.	208 33
51	.do.	Lawrence Hahr	Wages, September, 1913	50 00
52	Oct. 2	C. A. Dunseth	.do.	68 80
53	Oct. 4	The Cleveland Grain Co.	Grain	212 50
54	.do.	A. J. Corson	Labor	52 00
55	.do.	Paul Hayhurst	.do.	33 50
56	.do.	Charles Pollard	.do.	50 00
57	Oct. 7	Knowlton & Bennett	Building materials	4 50
58	.do.	Stipes & Hecker	Sand	6 60
59	.do.	Bacon Brothers	Building materials	4 13
60	.do.	Barnhart Brothers	.do.	2 40
61	Oct. 13	Charles Rountree	Ewes	50 00
62	Oct. 21	Bausch & Lomb Optical Co.	Chemical supplies	61 93
63	.do.	Champaign Seed Co.	Feeding stuffs	1 70
64	Oct. 24	O. E. Staples, Bursar	Sundry bills	7 05
65	Oct. 25	Lawrence Hahr	Stenographer	50 00
66	.do.	Morgan, J. E.	Cleaning laboratory	15 00
67	.do.	Anna C. Glover	Salary, October, 1913	100 00
68	.do.	J. M. Barnhart	.do.	133 33
69	.do.	M. J. Prucha	.do.	208 33
70	.do.	A. D. Emmett	.do.	166 66
71	Nov. 3	H. E. Horton	Hauling bulletins	5 75
72	.do.	Bausch & Lomb Optical Co.	Chemical supplies	27 62
73	Nov. 4	Illinois Central R. R. Co.	Freight	21 80
74	Nov. 5	Harry C. Gilkerson	Expenses	44 54
75	.do.	F. W. Garrett	.do.	22 27
76	.do.	Robert W. Stark	.do.	20 27
77	.do.	Frank Rick	.do.	49 50
78	.do.	H. J. Snider	Expenses	11 28
79	.do.	C. E. Burkhardt	Labor	13 20

## AGRICULTURAL EXPERIMENT STATION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
80	1913.			
80	Nov. 5	Harrison Fahrnkopf.	Expenses.	\$ 12 20
81	do.	A. Floyd Heck.	do.	11 37
82	Nov. 6	F. K. Robeson.	Cotton batts.	1 20
83	do.	Charles Pollard.	Wages.	54 00
84	do.	A. J. Corson.	do.	54 00
85	Nov. 7	A. Floyd Heck.	Traveling expenses.	5 96
86	do.	Geo. W. Matheny.	Labor.	21 10
87	do.	Frank Morgan.	do.	28 00
88	do.	William Aten, Sr.	do.	40 26
89	do.	Albert Tate.	do.	61 38
90	do.	A. L. Moats.	do.	19 10
91	Nov. 8	H. Fahrnkopf.	Traveling expenses.	14 70
92	do.	H. C. Gilkerson.	do.	19 23
93	do.	E. E. Hoskins.	do.	28 49
94	do.	H. J. Snider.	do.	15 00
95	Nov. 10	O. E. Staples, Bursar.	Sundry bills.	48 15
96	Nov. 12	Champaign Seed Co.	Oats.	1 72
97	do.	C. A. Campbell.	Traveling expenses.	45 16
98	do.	R. W. Stark.	do.	14 24
99	do.	F. W. Garrett.	do.	53 54
100	do.	J. E. Whitechurch.	do.	62 56
101	do.	J. E. Whitechurch.	do.	70 27
102	Nov. 15	G. W. Medley.	Labor.	54 08
103	do.	Harrison Fahrnkopf.	Traveling expenses.	14 26
104	do.	A. F. Heck.	do.	14 85
105	do.	H. J. Snider.	do.	17 22
106	do.	J. H. Smith.	Labor.	113 45
107	Nov. 17	General Electric Co.	Office supplies.	11 70
108	Nov. 19	W. C. Coffey.	Traveling expenses.	11 44
109	do.	Mark McClure.	Ewes.	45 00
110	Nov. 20	W. J. Carmichael.	Salary, November, 1913.	91 66
111	do.	W. C. Coffey.	do.	266 66
112	do.	J. A. Detleisen.	do.	200 00
113	do.	A. D. Emmett.	do.	166 66
114	do.	H. S. Grindley.	do.	291 66
115	do.	W. E. Joseph.	do.	150 00
116	do.	E. W. Bailey.	do.	175 00
117	do.	Thomas Bregger.	do.	116 66
118	do.	C. S. Crandall.	do.	291 66
119	do.	H. L. Rietz.	do.	100 00
120	do.	Elmer Roberts.	do.	50 00
121	do.	J. E. Whitechurch.	do.	150 00
122	do.	J. M. Barnhart.	do.	133 33
123	do.	M. J. Prucha.	do.	208 33
124	do.	Eugene Davenport.	do.	500 00
125	do.	Anna Cushman Glover.	do.	100 00
126	Nov. 22	O. S. Fisher.	Traveling expenses.	221 13
127	do.	Flanigan-Pearson Co.	Pamphlet holders.	16 75
128	do.	Barnhart Bros.	Hardware.	15 65
129	do.	F. K. Robeson.	Dry goods.	7 45
130	do.	Harrison Fahrnkopf.	Traveling expenses.	33 91
131	do.	A. F. Heck.	do.	19 00
132	do.	H. C. Gilkerson.	do.	64 35
133	do.	F. W. Garrett.	do.	13 43
134	do.	H. J. Snider.	do.	12 99
135	do.	John Berlin.	Labor.	102 22
136	do.	J. E. Whitechurch.	Traveling expenses.	23 88
137	Nov. 26	Nash Brothers.	Ewes.	30 00
138	do.	O. E. Staples, Bursar.	Sundry bills.	13 60
139	do.	Fairbanks, Morse & Co.	Scale.	31 65
140	do.	Mittendorf & Kiler.	Linoleum.	35 40
141	Nov. 28	O. E. Staples, Bursar.	Sundry bills.	2 31
142	Dec. 4	J. E. Morgan.	Cleaning laboratory.	13 00
143	Dec. 11	O. E. Staples, Bursar.	Bills paid on account of student labor.	17 20
144	Dec. 16	J. M. Barnhart.	Salary, December, 1913.	133 33
145	do.	Eugene Davenport.	do.	500 00
146	do.	Anna Cushman Glover.	do.	100 00
147	do.	M. J. Prucha.	do.	208 33
148	do.	J. E. Whitechurch.	do.	150 00
149	do.	E. W. Bailey.	do.	175 00
150	do.	Thomas Bregger.	do.	116 66
151	do.	C. S. Crandall.	do.	291 66
152	do.	H. L. Rietz.	do.	100 00
153	do.	Elmer Roberts.	do.	50 00
154	do.	J. A. Detleisen.	do.	200 00
155	do.	A. D. Emmett.	do.	166 66

## AGRICULTURAL EXPERIMENT STATION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
156	Dec. 16	H. S. Grindley	Salary, December, 1913	\$291 66
157	..do..	W. E. Joseph	..do..	150 00
158	..do..	Walker & Mulliken	Office equipment	10 80
159	..do..	Dallenbach Bros.	Laboratory supplies	3 60
160	..do..	Percival & Moorehead	..do..	1 60
161	..do..	Illinois State Reformatory	Printing	24 90
162	Dec. 17	D. T. Dobbins	Feeding stuffs	3 71
163	..do..	Montgomery Ward & Co.	Laboratory supplies	5 23
164	Dec. 18	O. E. Staples, Bursar	Sundry bills	43 98
165	Dec. 19	Flanigan-Pearson Co.	Printing	12 50
166	Dec. 22	J. E. Morgan	Labor	15 00
167	..do..	Champaign Seed Co.	Feeding stuffs	6 00
168	..do..	O. E. Staples, Bursar	Student labor	4 60
169	Dec. 23	O. E. Staples, Bursar	Sundry bills	1 96
170	Dec. 30	S. E. Huff & Co.	Furniture	4 50
171	..do..	G. E. Stechert & Co.	Books	6 86
172	Dec. 31	O. E. Staples, Bursar	Labor	6 50
	1914.			
173	Jan. 7	Mittendorf & Kiler	Furniture	41 40
174	Jan. 9	Peck & Hills Furniture Co.	..do..	10 50
175	Jan. 15	O. E. Staples, Bursar	Student labor	18 40
176	..do..	O. E. Staples, Bursar	Sundry bills	9 70
177	..do..	A. Roland	Feeding stuffs	84 25
178	Jan. 16	J. W. Butler Paper Co.	Office supplies	2 90
179	..do..	Addressograph Co.	..do..	15 00
180	..do..	Assn. of American Agricultural Colleges & Experiment Stations	Dues	20 00
181	Jan. 17	J. M. Barnhart	Salary, January, 1914	133 33
182	..do..	Anna C. Glover	..do..	100 00
183	..do..	M. J. Prucha	..do..	208 33
184	..do..	H. H. Wheeler	..do..	70 00
185	..do..	J. E. Whitchurch	..do..	150 00
186	..do..	E. W. Bailey	..do..	175 00
187	..do..	Thomas Bregger	..do..	116 66
188	..do..	Eugene Davenport	..do..	500 00
189	..do..	A. D. Emmett	..do..	166 66
190	..do..	H. S. Grindley	..do..	291 66
191	..do..	W. E. Joseph	..do..	150 00
192	..do..	H. H. Mitchell	..do..	133 33
193	..do..	H. L. Rietz	..do..	100 00
194	..do..	Elmer Roberts	..do..	50 00
195	..do..	Flanigan-Pearson Co.	Office supplies	14 00
196	Jan. 20	R. E. Zombro	Harness	8 45
197	..do..	Detroit Flower Pot Co.	Laboratory supplies	26 92
198	Jan. 22	O. E. Staples, Bursar	Sundry bills	35 68
199	..do..	Champaign Seed Co.	Feeding stuffs	85 05
200	Jan. 3	Eimer & Amend	Laboratory apparatus	2 07
201	Jan. 24	The Taylor Hardware Co.	Hardware	5 10
202	..do..	The Wabash R. R.	Freight	5 94
203	Jan. 27	D. H. Lloyd	Office supplies	8 52
204	Jan. 30	O. E. Staples, Bursar	Student labor	11 20
205	Jan. 31	W. J. Hampton	Salary, January 1914	65 00
206	..do..	J. E. Morgan	..do..	15 00
207	Feb. 4	Peck & Hills Furniture Co.	Office supplies	3 68
208	..do..	Walker & Mulliken	..do..	1 20
209	..do..	E. H. Sargent & Co.	Laboratory supplies	219 55
210	..do..	J. M. Thornburn & Co.	..do..	3 74
211	..do..	Illinois State Reformatory	Printing	62 80
212	..do..	S. E. Huff & Co.	Building repairs	2 45
213	Feb. 6	O. E. Staples, Bursar	Sundry bills	55 41
214	Feb. 13	Lucy Wells Fox	Traveling expenses	11 90
215	..do..	C., C. C. & St. L. Ry. Co.	Freight	1 53
216	..do..	H. C. Horton	Hauling	3 00
217	..do..	W. W. Lindley	Postage	25 00
218	Feb. 14	E. W. Bailey	Salary, Feb., 1914	175 00
219	..do..	Thomas Bregger	..do..	116 66
220	..do..	A. D. Emmett	..do..	166 66
221	..do..	H. S. Grindley	..do..	291 66
222	..do..	W. E. Joseph	..do..	150 00
223	..do..	H. H. Mitchell	..do..	133 33
224	..do..	H. L. Rietz	..do..	100 00
225	..do..	Elmer Roberts	..do..	50 00
226	..do..	J. M. Barnhart	..do..	133 33
227	..do..	Anna C. Glover	..do..	100 00
228	..do..	M. J. Prucha	..do..	208 33
229	..do..	H. H. Wheeler	..do..	70 00
230	..do..	J. E. Whitchurch	..do..	150 00
231	Feb. 20	S. E. Huff & Co.	Lumber	2 35
232	..do..	Metzler & Schafer Co.	Laboratory supplies	1 42

## AGRICULTURAL EXPERIMENT STATION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914.				
233	Feb. 21	O. E. Staples, Bursar	Sundry bills	\$ 27 87
234	Feb. 24	Peck & Hills Furniture Co.	Furniture	3 67
235	..do..	Whitall-Tatum Co.	Laboratory supplies	2 25
236	..do..	W. J. Hampton	Labor	65 00
237	..do..	J. E. Morgan	..do..	15 00
238	..do..	R. C. Glover	Clerical work	50 00
239	Feb. 26	E. H. Sargent & Co.	Laboratory supplies	7 86
240	Mar. 3	W. W. Walls & Co.	Laboratory apparatus	1 00
241	..do..	D. H. Lloyd	Office supplies	2 00
242	Mar. 4	Mark McClure	Live stock	15 00
243	Mar. 5	O. E. Staples, Bursar	Student labor	13 00
244	Mar. 6	D. H. Lloyd	Office supplies	14 48
245	..do..	Bradner, Smith & Co.	Laboratory supplies	12 08
246	Mar. 9	O. E. Staples, Bursar	Sundry bills	34 82
247	Mar. 11	Walker & Mulliken	Furniture	32 40
248	..do..	W. Lewis & Co.	Laboratory supplies	2 86
249	..do..	H. R. Shade	Straw	19 39
250	Mar. 12	O. E. Staples, Bursar	Student labor	34 25
251	..do..	Addressograph Co.	Supplies	6 00
252	..do..	Royal A. Stipes	Laboratory supplies	1 65
253	..do..	Metzler & Schafer Co.	..do..	3 66
254	..do..	Illinois State Reformatory	Printing	35 15
255	Mar. 14	A. D. Emmett	Salary, March, 1914	166 66
256	..do..	H. S. Grindley	..do..	291 66
257	..do..	W. E. Joseph	..do..	150 00
258	..do..	H. H. Mitchell	..do..	133 33
259	..do..	Thos. Bregger	..do..	116 66
260	..do..	H. L. Rietz	..do..	100 00
261	..do..	Elmer Roberts	..do..	50 00
262	..do..	J. M. Barnhart	..do..	133 33
263	..do..	Anna C. Glover	..do..	100 00
264	..do..	M. J. Prucha	..do..	208 33
265	..do..	H. H. Wheeler	..do..	70 00
266	..do..	J. E. Whitechurch	..do..	150 00
267	Mar. 20	O. E. Staples, Bursar	Express	1 49
268	Mar. 25	R. C. Glover	Clerical work	50 00
269	..do..	W. J. Hampton	Labor	65 00
270	..do..	J. E. Morgan	..do..	15 00
271	Mar. 26	W. W. Lindley	Postage	20 00
272	..do..	Kruse Bros	Feeding stuffs	221 25
273	Mar. 30	Department of Chemistry	Laboratory supplies	38 60
274	..do..	E. H. Sargent & Co.	..do..	7 59
275	..do..	F. K. Robeson	..do..	3 25
276	..do..	J. W. Butler Paper Co.	Office supplies	1 89
277	..do..	Champaign Seed Co.	Feeding stuffs	1 85
278	..do..	O. E. Staples, Bursar	Sundry bills	23 80
279	Mar. 31	Office Supply Storeroom	Office supplies	14 47
280	Apr. 4	Paul Becker	Wages, Mar., 1914	15 75
281	..do..	Roy Hansen	..do..	40 80
282	Apr. 7	George E. Frazer, Comptroller	Building repairs	240 24
283	Apr. 8	O. E. Staples, Bursar	Sundry bills	15 52
284	..do..	P. D. Foster	Laboratory supplies	25 00
285	..do..	Metzler & Schafer Co.	..do..	5 05
286	..do..	Illinois State Reformatory	Printing	4 00
287	Apr. 13	J. E. Whitechurch	Traveling expenses	60 29
288	Apr. 15	O. E. Staples, Bursar	Student labor	8 00
289	..do..	O. E. Staples, Bursar	Sundry bills	5 00
290	Apr. 17	Champaign Seed Co.	Feeding Stuffs	1 60
291	Apr. 21	O. E. Staples, Bursar	Student labor	10 00
292	Apr. 23	W. J. Hampton	Wages, Apr., 1914	75 00
293	Apr. 24	J. E. Whitechurch	Salary, Apr., 1914	150 00
294	..do..	J. M. Barnhart	..do..	133 33
295	..do..	H. A. Harding	..do..	416 66
296	..do..	M. J. Prucha	..do..	208 33
297	..do..	Harry M. Weeter	..do..	83 33
298	..do..	H. H. Wheeler	..do..	70 00
299	..do..	Anna C. Glover	..do..	100 00
300	..do..	A. D. Emmett	..do..	166 66
301	..do..	H. H. Mitchell	..do..	133 33
302	..do..	Thomas Bregger	..do..	116 66
303	..do..	H. L. Rietz	..do..	100 00
304	..do..	Elmer Roberts	..do..	50 00
305	Apr. 27	J. E. Morgan	Wages, April, 1914	15 00
306	..do..	J. F. Smith	..do..	70 00
307	..do..	R. C. Glover	..do..	50 00
308	..do..	Walker & Mulliken	Furniture	6 60
309	..do..	S. E. Huff & Co.	Lumber	1 10
310	..do..	Bausch & Lomb Optical Co.	Laboratory supplies	4 13
311	..do..	Twin City Printing Co.	Office supplies	4 75

## AGRICULTURAL EXPERIMENT STATION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914.				
312	Apr. 27	Charles Mollet.	Office supplies.	\$ 18 05
313	do.	E. H. Sargent & Co.	do.	1 61
314	May 7	O. E. Staples, Bursar	Student labor	19 00
315	do.	D. H. Lloyd.	Office supplies.	1 67
316	do.	E. H. Sargent & Co.	Laboratory supplies.	9 58
317	May 11	A. M. & L. A. Terwilliger	General supplies.	1 65
318	do.	S. E. Huff & Co.	Building repairs.	1 70
319	do.	John H. Doyle.	General supplies.	2 84
320	May 13	C. A. Kiler.	Desk.	32 50
321	do.	A. C. McClurg & Co.	Books.	15 75
322	do.	Metzler & Schafer Co.	Feeding stuff.	5 38
323	do.	S. E. Huff & Co.	Lumber.	2 65
324	do.	Addressograph Co.	Office equipment.	6 00
325	May 16	O. E. Staples, Bursar	Student labor	59 55
326	do.	Munhall Printing House.	Office supplies.	2 75
327	May 21	The Thompson & Norris Co.	Office supplies.	11 83
328	do.	W. Lewis & Co.	Laboratory supplies.	2 25
329	do.	Eisner Grocery Co.	General supplies.	6 00
330	do.	G. C. Willis.	do.	3 00
331	May 26	J. E. Whitechurch.	Salary, May, 1914.	150 00
332	do.	J. M. Barnhart.	do.	133 33
333	do.	H. A. Harding.	do.	416 66
334	do.	M. J. Prucha.	do.	208 33
335	do.	Harry M. Weeter.	do.	83 33
336	do.	H. H. Wheeler.	do.	70 00
337	do.	Anna C. Glover.	do.	100 00
338	do.	A. D. Emmett.	do.	166 66
339	do.	H. S. Grindley.	do.	291 66
340	do.	W. E. Joseph.	do.	150 00
341	do.	H. H. Mitchell.	do.	133 33
342	do.	Thos. Bregger.	do.	116 66
343	do.	H. L. Rietz.	do.	100 00
344	do.	Elmer Roberts.	do.	50 00
345	do.	J. F. Morgan.	Wages, May, 1914.	15 00
346	do.	J. F. Smith.	do.	70 00
347	do.	R. C. Glover.	do.	50 00
348	do.	W. J. Hampton.	do.	75 00
349	May 28	Peck & Hills Furniture Co.	Furniture.	5 88
350	do.	E. H. Sargent & Co.	Laboratory supplies.	28 60
351	do.	Taylor Hardware Co.	Farm machinery.	3 50
352	May 29	O. E. Staples, Bursar	Sundry bills.	3 62
353	do.	Sanders Publishing Co.	Book.	4 00
354	June 2	O. E. Staples, Bursar.	Sundry bills.	43 68
355	June 6	Paul Becker.	Wages, May, 1914.	6 00
356	do.	Oldham Bros.	Laboratory supplies.	3 90
357	do.	C. A. Kiler.	Furniture repairs.	1 25
358	do.	Spencer-Lens Co.	Laboratory apparatus.	12 26
359	do.	S. E. Huff & Co.	General supplies.	2 50
360	June 9	O. E. Staples, Bursar.	Student labor	8 70
361	do.	E. H. Sargent & Co.	Laboratory supplies.	2 35
362	do.	A. N. Marquis & Co.	Books.	4 75
363	June 12	Bausch & Lomb Optical Co.	Laboratory apparatus.	168 21
364	do.	Champaign Seed Co.	Feeding stuffs.	13 75
365	do.	Western Electric Co.	Office equipment.	15 08
366	June 16	Illinois State Reformatory.	Printing.	9 30
367	do.	Metzler & Schafer Co.	Laboratory supplies.	2 46
368	do.	John Heffernan & Son.	do.	4 50
369	do.	Eimer & Amend.	do.	34 92
370	do.	Champaign Seed Co.	Feeding stuffs.	1 75
371	June 18	J. M. Barnhart.	Salary, June, 1914.	133 33
372	do.	H. A. Harding.	do.	416 66
373	do.	M. J. Prucha.	do.	208 33
374	do.	Harry M. Weeter.	do.	83 33
375	do.	H. H. Wheeler.	do.	70 00
376	do.	Anna C. Glover.	do.	100 00
377	do.	A. D. Emmett.	do.	166 66
378	do.	H. S. Grindley.	do.	291 66
379	do.	W. E. Joseph.	do.	150 00
380	do.	H. H. Mitchell.	do.	133 33
381	do.	Thomas Bregger.	do.	116 66
382	do.	H. L. Rietz.	do.	100 00
383	do.	Elmer Roberts.	do.	50 00
384	June 19	A. E. C. Lathrop.	Laboratory supplies.	9 60
385	June 22	Office Supplies Stores, U. of I.	Office supplies.	8 62
386	do.	Supervising Architect, U. of I.	General supplies.	2 20
387	do.	Spencer-Lens Co.	Laboratory apparatus.	94 76
388	do.	Chemistry Storeroom, U. of I.	Laboratory supplies.	11 90
389	do.	Edward Pennock.	do.	21 21
390	June 23	O. E. Staples, Bursar.	Student labor.	51 45

AGRICULTURAL EXPERIMENT STATION VOUCHERS—*Concluded.*

No.	Date.	To whom.	For what.	Amount.
	1914.			
391	June 27	J. E. Morgan.....	Wages, June, 1914.....	\$ 18 00
392	..do..	J. F. Smith.....	..do..	70 00
393	..do..	Supervising Architect.....	Laboratory apparatus.....	37 75
394	..do..	C. A. Kiler.....	Furniture repairs.....	1 25
395	..do..	Spencer-Lens Co.....	Laboratory apparatus.....	74 35
396	June 29	George Strode.....	Awning and frame.....	3 75
397	..do..	Eimer & Amend.....	Electric incubator.....	140 00
398	..do..	Barbee Wire and Iron Works.....	Wire cages.....	22 15
399	..do..	O. E. Staples, Bursar.....	Freight bills.....	1 51
400	..do..	O. E. Staples, Bursar.....	General labor.....	17 20
401	..do..	O. E. Staples, Bursar.....	Student labor.....	9 75
402	June 30	O. E. Staples, Bursar.....	Sundry bills.....	75 06
403	..do..	Burrough Adding Machine Co.....	Adding machine.....	331 50
404	..do..	W. Lewis & Co.....	General supplies.....	2 38
405	..do..	Chas. Webber, P. M., Urbana, Ill.....	Postage.....	2 07
406	..do..	Supervising Architect, U. of I.....	Refrigerator and incubators.....	62 02
407	..do..	University of Illinois.....	Chemical supplies.....	9 34
408	..do..	Chas. Webber, P. M., Urbana, Ill.....	Postage.....	3 30
409	..do..	Office Supply Storeroom, U. of I.....	Office supplies.....	10 55

## SCHOOL OF PHARMACY VOUCHERS.

	1913.			
1	July 3	W. B. Day, Actuary.....	One cent stamps.....	\$185 00
2	July 2	The Western Union Telegraph Co.....	Clock rental.....	3 00
3	..do..	Stebbins Hardware Co.....	Hardware.....	5 12
4	..do..	High School Life.....	Advertising.....	8 00
5	..do..	Fuller & Fuller Co.....	Drugs.....	18 89
6	..do..	Excelsior Laundry Co.....	Laundry work.....	4 09
7	..do..	Henry Bosch Co.....	Merchandise.....	7 15
8	..do..	The Bulletin of Pharmacy.....	Advertising.....	7 50
9	..do..	Burgmeier Book Bindery.....	Binding.....	1 70
10	..do..	Allaire, Woodward & Co.....	Drugs.....	48 21
11	..do..	M. H. Fairchild & Bro.....	Soap powder.....	9 30
12	..do..	Chicago Mill & Lumber Co.....	Boxes.....	16 80
13	July 16	W. B. Day, Actuary.....	Bills paid.....	67 72
14	July 25	W. B. Day, Actuary.....	Advance of money for petty cash fund.....	250 00
15	Aug. 19	Stebbins Hardware Co.....	Files.....	39 10
16	..do..	M. A. Donohue & Co.....	Supplies.....	23 95
17	..do..	H. S. McCracken Box & Label Co.....	Labels.....	7 00
18	..do..	Henry Bosch Co.....	Supplies.....	4 20
19	..do..	Henry Bosch Co.....	..do..	5 82
20	Aug. 26	National Assn. of Retail Druggists.....	Advertising.....	21 27
21	..do..	D. O. Haynes & Co.....	..do..	27 00
22	..do..	High School Life.....	..do..	8 00
23	..do..	E. H. Sargent & Co.....	Laboratory apparatus.....	87 20
24	..do..	Illinois State Reformatory.....	Supplies.....	27 10
25	Oct. 17	W. B. Day.....	Supplies.....	131 96
26	Oct. 28	H. M. Reid.....	Refund of fees.....	89 00
27	Nov. 4	W. B. Day.....	Refunds and incidentals.....	127 97
28	Nov. 19	A. J. Masty.....	Refund of tuition.....	37 50
29	Nov. 22	McKey & Poague, Agents.....	Rent, December, 1913.....	500 00
30	Nov. 26	Charles L. Parsons, Secretary American Chemical Society.....	Journals.....	10 50
31	..do..	Illinois Glass Co.....	Laboratory supplies.....	3 65
32	Dec. 4	W. B. Day, Actuary.....	Incidentals.....	103 97
33	..do..	Fuller & Fuller Co.....	Laboratory supplies.....	20 76
34	..do..	E. H. Sargent & Co.....	..do..	9 91
35	..do..	Neostyle Co.....	Stencil.....	1 75
36	..do..	General Chemical Co.....	Laboratory supplies.....	1 38
37	Dec. 5	Stanton & Stanton.....	Cleaning windows.....	14 60
38	Dec. 10	Consumers Co.....	Laboratory supplies.....	2 80
39	..do..	University of Chicago Press.....	Botanical Gazette.....	6 30
40	Dec. 12	Joseph Alexander.....	Heating and lighting supplies.....	18 30
41	..do..	M. A. Donohue & Co.....	Office supplies.....	2 00
42	..do..	Biltmore Nursery.....	Laboratory supplies.....	1 50
43	Dec. 13	Fuller & Fuller Co.....	Laboratory supplies.....	14 80
44	Dec. 19	Fuller & Fuller Co.....	..do..	9 71
45	..do..	McKey & Poague, Agents.....	Rent, January, 1914.....	500 00
46	Dec. 22	Neostyle Co.....	Office supplies.....	1 75
47	..do..	Siegel Cooper & Co.....	..do..	3 20
48	..do..	E. H. Sargent & Co.....	Laboratory supplies.....	1 05
49	Dec. 30	Illinois State Penitentiary.....	Furniture.....	31 50

## SCHOOL OF PHARMACY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
50	Dec. 30	E. H. Sargent & Co.	Laboratory supplies	\$ 5 35
51	Dec. 31	E. H. Sargent & Co.	.do.	2 40
52	.do.	W. B. Day, Actuary.	Sundry bills	103 04
53	.do.	M. A. Donohue & Co.	Laboratory supplies	1 00
	1914.			
54	Jan. 7	J. W. Butler Paper Co.	Office supplies	19 75
55	.do.	Illinois State Reformatory.	Printing	4 00
56	Jan. 12	Stanton & Stanton.	Laboratory supplies	16 30
57	.do.	E. H. Sargent & Co.	.do.	8 55
58	.do.	Herbert Carlson	Rebates	35 00
59	.do.	Fuller & Fuller Co.	Laboratory supplies	70 59
60	Jan. 19	Parke, Davis & Co.	.do.	11 54
61	.do.	E. H. Sargent & Co.	.do.	6 12
62	.do.	Encyclopaedia Britannica Co.	Books	140 75
63	.do.	American Pharmaceutical Assn.	Advertising	9 00
64	Jan. 20	Wan Soo Lee	Refund of tuition	55 00
65	.do.	McKey & Poague, Agents.	Rent, February, 1914.	500 00
66	Jan. 22	Consumers Co.	Laboratory supplies	3 80
67	Jan. 23	Fuller & Fuller Co.	.do.	29 99
68	.do.	Neostyle Co.	Office supplies	1 75
69	Jan. 27	John V. Farwell Co.	Laboratory supplies	11 00
70	.do.	H. A. Astlett & Co.	.do.	7 16
71	.do.	Anchor Core Soap Co.	.do.	6 00
72	.do.	The Alumni Assn.	Advertising	3 25
73	.do.	C. C. Bradley	Rebate	35 00
74	.do.	W. B. Day	Incidentals	154 04
75	Feb. 4	M. A. Donohue & Co.	Office supplies	17 00
76	.do.	Journal of Infectious Diseases	Subscription	5 00
77	Feb. 5	Fuller & Fuller Co.	Laboratory supplies	6 85
78	Feb. 9	Fuller & Fuller Co.	.do.	6 07
79	.do.	Harold Todd	Refund tuition	35 00
80	Feb. 13	Anthony F. Mordente.	Refund of tuition	10 00
81	Feb. 16	Joseph Alexander	Supplies	7 15
82	.do.	Lehn & Fink	.do.	136 32
83	Feb. 17	Fuller & Fuller Co.	Laboratory supplies	5 41
84	.do.	E. H. Sargent & Co.	.do.	9 52
85	.do.	Journal of the American Medical Assn.	Subscription	5 00
86	.do.	William Graham & Co.	Repairs	11 00
87	Feb. 19	McKey & Poague	Rent, March, 1914.	500 00
88	Feb. 23	Ernst Leitz	Laboratory supplies	187 80
89	.do.	E. H. Sargent & Co.	.do.	8 96
90	.do.	City Collector, Chicago, Ill.	Drains and walks	142 53
91	.do.	Chicago Medical Book Co.	Books	66 51
92	Mar. 3	W. B. Day, Actuary.	Sundry bills	143 03
93	.do.	Consumers Co.	Laboratory supplies	7 60
94	.do.	General Chemical Co.	.do.	3 38
95	.do.	Fuller & Fuller Co.	.do.	7 53
96	Mar. 9	Leonie Okoniewski	Refund of fees	10 00
97	Mar. 10	Fuller & Fuller Co.	Laboratory supplies	16 19
98	.do.	Oliver Typewriter Co.	Office supplies	5 95
99	Mar. 17	M. H. Fairchild & Brother	Laboratory supplies	9 30
100	Mar. 19	Consumers Co.	General supplies	3 80
101	.do.	Neostyle Co.	Office supplies	1 75
102	Mar. 25	Monroe Robertson	Refund of tuition	35 00
103	.do.	Consumers Co.	Laboratory supplies	3 80
104	.do.	McKey & Poague, Agents	Rent, April, 1914.	500 00
105	Mar. 26	Burgmeier Book Bindery	Books	49 80
106	Apr. 4	E. H. Sargent & Co.	Laboratory supplies	10 60
107	.do.	Rounds-Truman Co.	Printing	9 35
108	.do.	Stanton & Stanton.	Labor	14 10
109	.do.	W. B. Day, Actuary.	Sundry bills	93 32
110	Apr. 7	Western Union Telegraph Co.	Time service	3 00
111	.do.	E. H. Sargent & Co.	Laboratory supplies	6 83
112	Apr. 8	Fuller & Fuller Co.	.do.	13 68
113	Apr. 9	Consumers Co.	.do.	3 80
114	Apr. 14	Neostyle Co.	Office supplies	1 75
115	.do.	E. H. Sargent & Co.	Laboratory supplies	72 00
116	Apr. 15	The American Pharmaceutical Assn.	Advertising	9 00
117	Apr. 16	W. B. Day, Actuary	Rebates	208 37
118	Apr. 17	Joseph Sendeckl	Refund	5 00
119	Apr. 24	McKey & Poague, Agents	Rent, May, 1914.	500 00
120	Apr. 28	Frank O. Peers	Rent	50 00
121	Apr. 29	W. T. Robinson	Printing	25 00
122	.do.	Fuller & Fuller Co.	Laboratory supplies	4 00
123	May 7	The Alumni Assn.	Advertising	3 25
124	.do.	Stanton & Stanton.	General labor	13 50
125	.do.	High School Life	Advertising	8 00
126	May 13	Siegel, Cooper & Co.	General supplies	15 00
127	May 14	E. H. Sargent & Co.	Laboratory supplies	2 40

SCHOOL OF PHARMACY VOUCHERS—*Concluded.*

No.	Date.	To whom.	For what.	Amount.
	1914.			
128	May 20	W. B. Day, Actuary.....	Sundry bills.....	\$136 14
129	May 23	McKey & Poague, Agents.....	Rent, June, 1914.....	500 00
130	May 28	High School Life.....	Advertising.....	8 00
131	June 10	W. B. Day, Actuary.....	Sundry bills.....	79 38
132	June 30	W. B. Day, Actuary.....	do.....	232 67

## COLLEGE OF MEDICINE VOUCHERS.

	1913.			
1	July 11	Physicians' Supply & Drug Co.....	Supplies.....	\$ 1 14
2	July 15	Hamblin Plumbing Co.....	Building repairs.....	26 16
3	do.....	Pasteur's Laboratories of America.....	Tuberculin.....	2 40
4	do.....	American-German Boiler Compound Co.....	Heating supplies.....	33 55
5	do.....	Fuller & Fuller Co.....	Laboratory supplies.....	55 67
6	do.....	Morrisson, Plummer Co.....	do.....	22 24
7	do.....	The American Schoolmaster.....	Advertising.....	6 00
8	do.....	Chicago Towel Co.....	Towel service, June, 1913.....	24 00
9	do.....	Mallory & Mitchell.....	Advertising.....	2 18
10	do.....	Western Union Telegraph Co.....	Rentals.....	15 00
11	do.....	Western Fuel Co.....	Coal.....	83 03
12	do.....	William H. Guild & Co.....	Books.....	11 65
13	do.....	Scheidel-Western X-Ray Coil Co.....	Cartage, rental.....	7 00
14	do.....	Siegel, Cooper & Co.....	Rubber boots.....	4 00
15	do.....	Maas Brothers.....	General supplies.....	5 50
16	do.....	Goder-Heiman Co.....	Laboratory supplies.....	161 83
17	do.....	O. Carliczek & Co.....	do.....	144 00
18	do.....	F. G. Hartwell Co.....	Coal.....	93 38
19	do.....	Chicago Telephone Co.....	Telephone service.....	11 78
20	do.....	Goodhart's Laundry.....	Laundry.....	31 23
21	July 18	Dr. Charles P. Emmerson.....	Traveling expenses.....	13 25
22	July 25	Josiah Barfield, Treasurer.....	Advertising.....	100 00
23	Aug. 23	High School Life.....	Advertising.....	30 00
*24	do.....	Remington Typewriter Co.....	Ribbons.....	3 50
25	do.....	Chicago Examiner.....	Advertising.....	17 01
26	do.....	Heath & Milligan Mfg. Co.....	General supplies.....	25 70
27	do.....	Chicago Examiner.....	Advertising.....	41 58
*28	Aug. 26	R. L. Polk & Co.....	Polk's Dental Register.....	10 00
29	Aug. 27	Dr. G. H. Whipple.....	Traveling expenses.....	47 70
30	Sept. 8	William H. Browne.....	Expenses.....	224 82
31	Sept. 17	W. H. Browne.....	Petty bills paid in cash.....	217 65
32	Oct. 8	H. D. Oberdorfer.....	Expenses.....	15 24
33	Oct. 14	William H. Browne.....	Petty cash.....	252 63
34	Oct. 15	Julius Johnson.....	Labor.....	135 00
35	Oct. 17	Board of Education, City of Chicago.....	Payment of note and interest.....	10, 166 67
36	Oct. 25	William H. Browne.....	Petty cash.....	244 99
37	Nov. 7	E. G. Hakanson.....	Salary, September, 1913.....	25 00
38	do.....	Geo. Schulze.....	do.....	21 00
39	do.....	Barbour.....	do.....	25 00
40	Nov. 26	William H. Browne.....	Petty cash.....	239 98
41	Dec. 4	J. S. Tomlinson, Cashier.....	Balance salary, October and November, 1913.....	50 00
42	do.....	Henry W. Cole.....	do.....	80 00
43	do.....	Mable L. Arneson.....	do.....	30 00
44	do.....	Eric Froberg.....	do.....	30 00
45	Dec. 6	George A. Culver.....	Refund of tuition.....	90 00
46	do.....	Merritt O. Wilkins.....	Rebate on fees.....	45 00
47	Dec. 15	Arthur W. Head.....	Laboratory supplies.....	44 20
48	Dec. 16	Dr. V. H. Moon.....	Salary, November, 15-30, 1913.....	25 00
49	Dec. 19	Louis E. Larsen.....	Interest.....	1,650 00
50	do.....	Chicago Savings Bank & Trust Co.....	do.....	1,818 00
51	do.....	Frank V. Earle.....	do.....	3,302 70
52	Dec. 23	William H. Browne.....	Sundry bills.....	230 83
53	Dec. 29	James W. North.....	Salary, December, 1913.....	70 00
54	do.....	Harry Schultz.....	do.....	35 00
	1914.			
55	Jan. 14	S. S. White Dental Mfg. Co.....	Laboratory supplies.....	1 42
56	do.....	Mrs. Ella Michaels.....	do.....	10 00
57	do.....	Marshall Field & Co.....	do.....	4 58
58	do.....	Siegel, Cooper & Co.....	do.....	2 00
59	do.....	Gerber & Bolotin Studio.....	do.....	6 00
60	do.....	C. L. Frame Dental Co.....	do.....	27 19
61	do.....	Morrison, Plummer & Co.....	do.....	49 88
62	do.....	Chicago Medical Book Co.....	Office supplies.....	2 40

\* Canceled.



## COLLEGE OF MEDICINE VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914.				
63	Jan. 14	Freeman-Sweet Co. ....	Electrical supplies .....	\$ 25 00
64	do	American-German Boiler Compound Co.	General supplies .....	21 13
65	do	V. Mueller & Co. ....	do .....	157 71
66	do	Fuller & Fuller Co. ....	Building material .....	3 80
67	do	Heath & Milligan Mfg. Co. ....	do .....	12 45
68	do	Edward Cohen .....	License .....	25 00
69	do	Nick Starck & Sons .....	Labor .....	60 00
70	do	Kaseus Express & Van Co. ....	Expenses .....	15 31
71	do	Hamblin Plumbing .....	Plumbing .....	11 10
72	do	Goodhart's Laundry .....	Laundry .....	46 28
73	do	Library Bureau .....	Labor .....	20 00
74	Jan. 16	William H. Browne .....	Sundry bills .....	281 35
75	Jan. 22	Central Scientific Co. ....	Laboratory supplies .....	91 04
76	do	F. J. Burns & Co. ....	do .....	5 40
77	do	Morrison, Plummer & Co. ....	do .....	77 75
78	do	Fuller & Fuller Co. ....	do .....	5 24
79	do	People's Gas Light & Coke Co. ....	Gas .....	27 36
80	do	A. Daigger & Co. ....	Laboratory supplies .....	176 26
81	do	E. H. Sargent & Co. ....	do .....	25 40
82	Jan. 23	Chicago Medical Book Co. ....	Office supplies .....	2 50
83	do	V. Mueller & Co. ....	Laboratory supplies .....	19 00
84	do	A. Daigger & Co. ....	do .....	6 25
85	do	Fuller & Fuller Co. ....	do .....	350 00
86	do	S. S. White Dental Mfg. Co. ....	do .....	6 00
87	do	Maas Brothers .....	Building material .....	29 23
88	do	H. M. Hooker Co. ....	do .....	21 51
89	do	People's Gas Light & Coke Co. ....	Gas .....	12 00
90	Jan. 26	Chicago Medical Book Co. ....	Books .....	545 67
91	do	Illinois State Reformatory .....	Printing .....	85 95
92	do	A. Kroch & Co. ....	Books .....	447 75
93	do	Bennett's Newspaper & Magazine Agency	Magazines .....	5 85
94	Jan. 27	S. S. White Dental Mfg. Co. ....	Laboratory supplies .....	108 23
95	do	Stebbins Hardware Co. ....	do .....	3 36
96	do	Maas Bros .....	do .....	46 75
*97	do	Otis Elevator Co. ....	Building repairs .....	35 39
98	do	Western Lumber Co. ....	do .....	9 95
99	do	H. F. Bremer .....	Equipment .....	15 00
100	do	Sharp & Smith .....	Laboratory supplies .....	6 38
101	do	Illinois Surety Co. ....	Premium .....	12 50
102	do	M. J. Corboy Co. ....	Building repairs .....	158 80
103	do	Armour & Co. ....	Laboratory supplies .....	5 76
104	do	E. H. Sargent & Co. ....	do .....	5 15
105	do	V. Mueller & Co. ....	do .....	219 35
106	do	A. Daigger & Co. ....	do .....	3 19
107	do	Ahrens & Schreiner .....	do .....	10 43
108	do	Morrison, Plummer & Co. ....	do .....	122 54
109	do	Physicians' Supply & Drug Co. ....	do .....	11 31
110	do	R. D. Swisher Mfg. Co. ....	Office supplies .....	1 95
111	do	M. J. Corboy Co. ....	Building repairs .....	358 31
112	do	Siegel, Cooper & Co. ....	Laboratory supplies .....	11 20
113	Jan. 28	Maas Bros .....	do .....	10 65
114	do	William H. Browne .....	Sundry bills .....	191 63
115	do	Illinois Surety Co. ....	Premium .....	2 50
116	do	H. W. Cole .....	Labor .....	40 00
117	do	C. C. Conley .....	do .....	81 60
118	Jan. 31	Cameron, Amberg & Co. ....	Printing .....	10 50
119	do	The Globe Wernicke Co. ....	Office supplies .....	5 25
120	do	A. C. McClurg & Co. ....	do .....	19 07
121	do	Atlas School Supply Co. ....	Building material .....	4 63
122	do	V. Mueller & Co. ....	Laboratory supplies .....	20 05
123	do	Armour Fertilizer Works .....	do .....	5 00
124	do	Albert Schmidt .....	do .....	1, 510 64
125	do	Morrison, Plummer & Co. ....	do .....	11 41
126	do	Ernst Leitz .....	do .....	678 78
127	do	Ahrens & Schreiner .....	do .....	6 57
128	do	A. Daigger & Co. ....	do .....	91 17
129	Feb. 6	Commonwealth Edison Co. ....	Electricity .....	189 84
130	do	Otis Elevator Co. ....	Building repairs .....	32 20
131	Feb. 14	C. L. Frame Dental Supply Co. ....	Laboratory supplies .....	29 06
132	do	V. Mueller & Co. ....	do .....	266 10
133	do	A. C. McClurg & Co. ....	do .....	45 60
134	do	Morrison, Plummer & Co. ....	do .....	19 31
135	do	Hamblin Plumbing Co. ....	Plumbing .....	27 96
136	do	E. L. Sommers .....	Building material .....	41 54
137	do	Ahrens & Schreiner .....	Laboratory supplies .....	5 55
138	do	A. Daigger & Co. ....	do .....	33 47
139	do	Bradner-Smith Co. ....	do .....	46 96
140	do	Maas Bros .....	do .....	77 23

\* Cancelled.

## COLLEGE OF MEDICINE VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
141	Feb. 14	S. S. White Dental Mfg. Co.	Laboratory supplies.	\$130 22
142	do.	Nick Starck & Sons.	Labor.	60 00
143	do.	City of Chicago, Elevator Department.	Inspection.	2 00
144	do.	John H. Smith.	Tools.	1 35
145	do.	Western Fuel Co.	Coal.	269 27
146	do.	F. G. Hartwell Co.	do.	510 93
147	do.	Chicago Telephone Co.	Telephone.	11 42
148	do.	Chicago Towel Co.	Laundry.	24 00
149	do.	Goodhart's Laundry.	do.	55 11
150	do.	Bausch & Lomb.	Laboratory supplies.	7 93
151	do.	H. W. Johns-Manville Co.	do.	1 50
152	do.	Physicians' Supply & Drug Co.	do.	25 95
153	do.	Sprague, Warner & Co.	do.	9 00
154	do.	Ernst Leitz.	do.	10 63
155	do.	Ella R. Michaels.	do.	6 00
156	do.	F. J. Burns & Co.	do.	9 60
157	do.	Borden's Condensed Milk Co.	do.	3 98
158	do.	Library Bureau.	do.	15 00
159	Feb. 16	Kasen's Express Co.	Freight.	59 31
160	Feb. 20	Morrison, Plummer & Co.	Laboratory supplies.	118 67
161	do.	A. C. McClurg & Co.	do.	29 20
162	do.	V. Mueller & Co.	do.	5 20
163	do.	A. Daigger & Co.	do.	26 57
164	do.	Ernst Leitz.	do.	74 64
165	do.	Colonial Hospital Supply Co.	do.	13 50
166	do.	The Tablet & Ticket Co.	do.	3 56
167	do.	Fred Leaver.	do.	9 00
168	do.	F. J. Burns & Co.	do.	21 60
169	do.	Arthur Ochs.	do.	6 00
170	do.	Hemtlely Dairy Co.	do.	3 90
171	do.	Eric Hakansson.	do.	4 82
172	do.	Ahrens & Schreiner.	do.	3 00
173	do.	Wanner Machine Co.	Office equipment.	9 90
174	do.	James M. White.	Traveling expenses.	7 54
175	do.	W. M. Crilly Co.	Building contract.	774 85
176	do.	International Forwarding Co.	Expenses.	10 03
177	do.	A. Kroch & Co.	Books.	9 57
178	do.	Chicago Medical Book Co.	do.	30 60
179	do.	People's Gas Light & Coke Co.	Gas.	45 12
180	Feb. 23	Bausch & Lomb Optical Co.	Laboratory supplies.	65 70
181	do.	Fuller & Fuller Co.	do.	2 64
182	do.	Physicians' Supply & Drug Co.	do.	14 10
183	do.	Heath & Milligan Mfg. Co.	do.	16 50
184	do.	Consumers Co.	do.	7 50
185	do.	Morrison, Plummer & Co.	do.	18 14
186	do.	Ernst Leitz.	do.	253 50
187	do.	Western Bank Note & Engraving Co.	Printing.	160 00
188	do.	People's Gas Light & Coke Co.	Gas.	21 28
189	do.	Maas Bros.	Building material.	16 39
190	do.	S. S. White Dental Mfg. Co.	Laboratory supplies.	28 35
191	do.	Western Lumber Co.	Lumber.	9 24
192	do.	Dr. John F. Biddle, Secretary-Treasurer, American Institute of Dental Teachers.	Membership fee.	20 00
193	do.	William H. Browne, Secretary.	Sundry bills.	2 6 51
194	Feb. 27	Morrison, Plummer & Co.	Laboratory supplies.	12 88
195	do.	V. Mueller & Co.	do.	24 65
196	do.	Fuller & Fuller Co.	do.	22 36
197	do.	A. Daigger & Co.	do.	303 28
198	do.	Bausch & Lomb Optical Co.	do.	3 60
199	do.	Arthur Ochs.	do.	24 00
200	do.	E. H. Sargent & Co.	do.	6 88
201	do.	Monahan Antiseptic Co.	do.	46 25
202	do.	Eimer & Amend.	do.	7 05
203	do.	L. C. Carden.	do.	4 00
204	do.	H. W. Johns-Manville Co.	do.	6 00
205	do.	Fleischer Paper Box Co.	do.	5 00
206	do.	A. C. McClurg & Co.	Office supplies.	89 05
207	do.	Yale Slot & Slug Co.	do.	2 50
208	do.	Maas Bros.	Building material.	3 00
209	do.	Pittsburgh Plate Glass Co.	do.	8 06
210	do.	Western Lumber Co.	do.	40 17
211	do.	Commonwealth Edison Co.	Electric power.	13 98
212	do.	Casey A. Wood.	Books.	175 00
213	do.	A. Kroch & Co.	do.	17 24
214	do.	Chicago Medical Book Co.	do.	152 63
215	do.	W. H. Taggart.	Repairs.	8 50
216	Mar. 4	John Philips.	Salary, January and February.	74 67
217	Mar. 9	Remington Typewriter Co.	Office supplies.	19 00
218	do.	Western Fuel Co.	do.	425 43

## COLLEGE OF MEDICINE VOUCHERS.—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1914.</b>				
219	Mar. 9	Madison Teaming Co.	Teaming	\$ 33 33
220	do.	A. C. McClurg & Co.	Laboratory supplies.	30 64
221	do.	Western Union Telegraph Co.	Incidentals	24 00
222	do.	International Instrument Co.	Laboratory supplies.	458 20
223	do.	Maas Bros.	do.	4 00
224	do.	V. Mueller & Co.	do.	15 65
225	do.	A. Daigger & Co.	do.	16 20
226	do.	C. H. Ward	do.	72 00
227	do.	E. H. Sargent & Co.	do.	1 10
228	do.	Chicago Pulley & Shafting Co.	do.	1 53
229	do.	Bradner-Smith Co.	do.	4 73
230	do.	Barron Bros. Coal Co.	do.	3 05
231	do.	Thos. J. Du & Co.	do.	43 23
232	do.	Fairbanks, Morse & Co.	do.	16 80
233	do.	Morrison, Plummer & Co.	do.	18 50
234	do.	V. Mueller & Co.	do.	100 00
235	do.	Gallaher & Speck	Building material	27 00
236	do.	Nollau & Wolff Mfg. Co.	do.	24 90
237	do.	Marshall Field & Co.	Laboratory supplies.	12 45
238	do.	Commonwealth Edison Co.	Electric power	178 76
239	do.	O. E. Staples, Bursar	Student labor	26 68
240	Mar. 12	O. E. Staples, Bursar	Student labor	15 22
241	do.	Chicago Telephone Co.	Telephone.	11 42
242	do.	Association American Medical Colleges.	Dues	25 00
243	do.	Mary Suvoong	Refund tuition.	70 00
244	do.	Edward J. Dillon	do.	40 00
245	do.	Philip J. McCaffrey	do.	20 00
246	do.	O. E. Staples, Bursar	Sundry bills.	7 92
247	do.	A. Daigger & Co.	Laboratory supplies.	8 82
248	do.	Thos. J. Du & Co.	do.	128 40
249	do.	Dr. E. M. Heacock	Salary, Oct. 1, 1913; Jan. 31, 1914	50 00
250	do.	Dr. C. C. Cullen	do.	50 00
251	do.	O. B. Rensch	do.	80 00
252	do.	A. F. J. Leckleider	do.	121 00
253	do.	W. S. Howard	do.	105 00
254	do.	Ralph King	do.	72 00
255	do.	Feliciano Sombito	do.	48 00
256	do.	S. O. Cotton	do.	48 00
257	do.	H. C. Carothers	do.	21 00
258	do.	Ladislav Stolla	do.	27 00
259	do.	Joseph Seilin	do.	75 00
260	do.	B. V. McClanahan	do.	25 00
261	do.	Max Brachvogel	do.	25 00
262	do.	E. G. Nadeau	do.	25 00
263	do.	L. A. Tarkowsky	do.	54 62
264	do.	Chas. C. Conley	do.	100 00
265	do.	C. Geo. Appelle	do.	50 00
266	do.	Frank R. Richardson	do.	50 00
267	do.	Clayton Alder	do.	12 50
268	do.	John T. Groot	do.	50 00
269	do.	O. G. Fischer	do.	200 00
270	do.	Mrs. Clara Roushausen	do.	200 00
271	do.	Arthur Ochs	do.	50 00
272	do.	Dr. Geo. J. Lorch	do.	125 00
273	do.	Chas. P. Eck	do.	75 00
274	Mar. 18	Ethel E. Watson	Salary, March, 1914	50 00
275	do.	Wm. C. Kelley	do.	80 00
276	do.	John Kolan	do.	32 65
277	do.	James J. Burns	do.	60 00
278	do.	Simon David	do.	50 00
279	do.	Elia George	do.	50 00
280	do.	John Kastones	do.	50 00
281	do.	Harry Mirsa	do.	50 00
282	do.	Georgiana M. Tomek	do.	60 00
283	do.	Nathan Badel	do.	50 00
284	do.	Joseph George	do.	50 00
285	do.	Frank M. Randall	do.	50 00
286	do.	John Phillips	do.	40 00
287	do.	Louise E. Heermann	do.	50 00
288	do.	Joseph Klana	do.	70 00
289	do.	Geo. S. Schuitze	do.	35 00
290	do.	Maud Gubbins	do.	60 00
291	do.	Paul David	do.	50 00
292	do.	Josephine Allen	do.	55 00
293	do.	Anna R. Bolan	do.	60 00
294	do.	Metta M. Loomis	do.	75 00
295	do.	Eshoo David	do.	50 00
296	do.	Wm. H. Browne	do.	250 00
297	do.	Mabel L. Arneson	do.	75 00

## COLLEGE OF MEDICINE VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914.				
298	Mar. 18	Henry W. Cole.....	Salary, March, 1914.....	\$100 00
299	do.	Bert D. Coles.....	do.....	50 00
300	do.	Anna J. Hwasser.....	do.....	50 00
301	do.	Harry Schultz.....	do.....	35 00
302	do.	Eric Froberg.....	do.....	75 00
303	do.	Jas. Southwell.....	do.....	115 00
304	do.	Jos. S. Tomlinson.....	do.....	125 00
305	do.	Geo. N. Hiskey.....	do.....	45 00
306	do.	F. B. Moorehead.....	do.....	83 33
307	do.	F. B. Moorehead.....	do.....	83 33
308	do.	Donald M. Gallie.....	do.....	83 33
309	do.	Geo. W. Dittmar.....	do.....	83 33
310	do.	Geo. W. Dittmar.....	do.....	16 66
311	do.	Frederick B. Noyes.....	do.....	83 33
312	do.	Edgar D. Coolidge.....	do.....	83 33
313	do.	Louis Schultz.....	do.....	33 33
314	do.	Louis E. Bake.....	do.....	66 66
315	do.	Solomon P. Starr.....	do.....	66 66
316	do.	Henry C. Lee.....	do.....	40 00
317	do.	Arthur H. Hixson.....	do.....	60 00
318	do.	Frank J. Bernard.....	do.....	40 00
319	do.	Virgil H. Moon.....	do.....	50 00
320	do.	John C. McGuire.....	do.....	125 00
321	do.	Geo. P. Dreyer.....	do.....	41 66
322	do.	Geo. P. Dreyer.....	do.....	291 66
323	do.	A. B. Eycleshymer.....	do.....	416 66
324	do.	Bernard Fantus.....	do.....	166 66
325	do.	Adolph Gehrmann.....	do.....	66 66
326	do.	D. J. Davis.....	do.....	416 66
327	do.	Stella M. Gardner.....	do.....	83 33
328	do.	Mary C. Lincoln.....	do.....	50 00
329	do.	Wm. H. Welker.....	do.....	208 33
330	do.	Wm. H. Burmeister.....	do.....	166 66
331	do.	R. R. Rupert.....	do.....	166 66
332	do.	John E. Haskell.....	do.....	50 00
333	do.	Edgar G. Miller.....	do.....	100 00
334	do.	Frank K. Bartlett.....	do.....	180 00
335	do.	Josiah J. Moore.....	do.....	125 00
336	do.	E. G. Hakansson.....	do.....	30 00
337	do.	J. Craig Small.....	do.....	50 00
338	do.	Thos. S. Jones.....	do.....	108 33
339	do.	Nils Sieghahn.....	do.....	60 00
340	do.	Geo. Gaffney.....	do.....	65 00
341	do.	Frederick H. Falls.....	do.....	50 00
342	Mar. 19	V. Mueller & Co.....	Laboratory supplies.....	49 75
343	do.	Kimble-Durand Glass Co.....	do.....	9 72
344	do.	Parke, Davis & Co.....	do.....	51 56
345	do.	McMaster-Carr Supply Co.....	do.....	4 63
346	do.	Chicago Medical Book Co.....	Books.....	149 62
347	do.	Cleveland Press.....	do.....	34 00
348	do.	W. H. Browne, Secretary.....	Sundry bills.....	246 59
349	Mar. 20	F. G. Hartwell Co.....	Coal.....	472 34
350	Mar. 25	E. H. Sargent & Co.....	Laboratory supplies.....	2 43
351	do.	Heath & Milligan Mfg. Co.....	do.....	7 25
352	do.	Barron Bros. Coal Co.....	do.....	2 25
353	do.	Arthur Ochs.....	do.....	15 00
354	do.	Ella R. Michaels.....	do.....	6 72
355	do.	A. Daigger & Co.....	do.....	97 79
356	do.	Physicians' Supply & Drug Co.....	do.....	1 70
357	do.	V. Mueller & Co.....	do.....	52 49
358	do.	Morrison, Plummer & Co.....	do.....	8 94
359	do.	Ernst Leitz.....	do.....	37 50
360	do.	S. S. White Dental Mfg. Co.....	do.....	29 02
361	do.	Eimer & Amend.....	do.....	16 46
362	do.	Illinois State Reformatory.....	Laboratory supplies and printing.....	112 70
363	do.	A. C. McClurg & Co.....	Laboratory supplies.....	4 72
364	do.	National Dental Assn.....	Clerical work.....	4 10
365	do.	Peoples Gas Light & Coke Co.....	Gas.....	18 08
366	do.	Chicago Telephone Co.....	Telephone.....	63 60
367	do.	Maas Bros.....	Building materials.....	21 90
368	Mar. 31	A. Digger & Co.....	Laboratory supplies.....	54 77
369	do.	Fuller & Fuller Co.....	do.....	60 38
370	do.	Armour & Co.....	do.....	2 82
371	do.	Marshall-Field & Co.....	do.....	29 78
372	do.	Physicians' Supply & Drug Co.....	do.....	1 34
373	do.	Maas Bros.....	do.....	19 10
374	do.	Manhattan Electrical Supply Co.....	do.....	19 00
375	do.	M. J. Neahr & Co.....	do.....	2 00
376	do.	V. Mueller & Co.....	do.....	5 75

## COLLEGE OF MEDICINE VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
377	Mar. 31	Merck & Co.	Laboratory supplies.	\$ 1 43
378	do.	Morrison, Plummer & Co.	do.	1 62
379	do.	Chicago Calcium Light Co.	do.	3 63
380	do.	A. C. McClurg & Co.	do.	4 68
381	do.	Ahrens & Schreiner	do.	3 31
382	do.	Elmer & Amend.	do.	35 28
383	do.	R. D. Swisher Mfg. Co.	Office supplies.	3 75
384	do.	Bradner-Smith & Co.	do.	26 40
385	do.	Chicago Medical Book Co.	Books.	7 20
386	do.	The Fair.	Furniture.	8 15
387	do.	Commonwealth Edison Co.	Electric power.	148 80
388	do.	Remington Typewriter Co.	Repairs.	23 10
389	do.	Chicago Towel Co.	Laundry.	33 72
390	do.	J. M. Smith.	Repairs.	1 65
*391	Apr. 3	Dudley H. Grant.	Salary, March 23-31, 1914.	23 07
392	do.	O. E. Staples, Bursar	Express.	1 10
393	Apr. 7	Liquid Carbonic Co.	Laboratory supplies.	16 50
394	do.	Fuller & Fuller Co.	do.	2 00
395	do.	A. C. McClurg & Co.	do.	9 04
396	do.	V. Mueller & Co.	do.	40 53
397	do.	Morrison, Plummer & Co.	do.	56 38
398	do.	Elmer & Amend.	do.	39 31
399	do.	Huntley Dairy Co.	do.	5 90
400	do.	Hercules Chemical Works	do.	9 00
401	do.	Milligan Mfg. Co.	do.	7 85
402	do.	Ahrens & Schreiner	do.	7 15
403	do.	Marshall Field & Co., Retail.	do.	5 00
404	do.	F. J. Burns & Co.	do.	18 00
405	do.	Western Lumber Co.	General supplies.	20 85
406	do.	Illinois State Reformatory.	Printing.	19 85
407	do.	Nick Starck & Sons.	Labor.	120 00
408	do.	Chicago Telephone Co.	Telephone.	36 72
409	do.	Maas Bros.	Building material.	57 05
410	do.	Hamblin Plumbing Co.	Plumbing.	50 85
411	do.	H. M. Hooker Co.	Building material.	4 58
412	Apr. 8	O. E. Staples, Bursar	Student labor.	26 02
413	Apr. 9	Ernst Leitz	Laboratory supplies.	58 52
414	do.	V. Mueller & Co.	do.	129 77
415	do.	Gerber & Bolotin.	do.	6 00
416	do.	C. L. Frame Dental Supply Co.	do.	9 25
417	do.	Scully Steel & Iron Co.	do.	1 16
418	do.	Borden's Condensed Milk Co.	do.	4 16
419	do.	Barron Bros. Coal Co.	do.	1 65
420	do.	H. K. Mulford Co.	do.	4 00
421	do.	American LaFrance Fire Engine Co.	do.	17 66
422	do.	Pittsburgh Plate Glass Co.	do.	2 25
423	do.	A. Koch & Co.	Books.	19 47
424	do.	Western Union Telegraph Co.	Time service.	24 00
425	do.	Mallory & Mitchell.	Advertising.	15 00
426	do.	Mandel Bros.	Shades.	5 74
427	do.	Kasas Express Co.	Express.	30 29
428	do.	T. G. Hartwell Co.	Coal.	429 13
429	do.	Hamblin Plumbing Co.	Plumbing.	7 19
430	Apr. 13	Pittsburgh Plate Glass Co.	Laboratory supplies.	1 61
431	do.	H. W. Johns-Manville Co.	do.	1 33
432	do.	Elmer & Amend.	do.	19 95
433	do.	F. J. Burns & Co.	do.	9 00
434	do.	Morrison, Plummer & Co.	do.	5 10
435	do.	C. L. Frame Dental Supply Co.	do.	50 63
436	do.	Demonstrators Association.	do.	50 00
437	do.	G. Cramer Dry Plate Co.	do.	19 23
438	do.	Heath & Milligan Mfg. Co.	do.	1 50
439	do.	Arthur Ochs.	do.	6 00
440	do.	The Hospital Supply Co.	do.	10 00
441	do.	Victor Electric Co.	do.	3 50
442	do.	Ernst Leitz	do.	240 93
443	do.	Physicians' Supply & Drug Co.	do.	4 75
444	do.	Ahrens & Schreiner	do.	6 35
445	do.	Fuller & Fuller Co.	do.	19 32
446	do.	Maas Bros.	do.	7 75
447	do.	Consolidated Dental Mfg. Co.	do.	25 65
448	do.	Thos. J. Dee & Co.	do.	124 65
449	do.	Cameron, Amberg & Co.	do.	213 40
450	do.	Chicago Medical Book Co.	Office supplies.	1 55
451	do.	Chicago Towel Co.	Laundry.	63 78
452	do.	U. S. Rocking Grate Bar Co.	Machine repairs.	13 20
453	do.	H. M. Rooker Co.	Building material.	1 25
454	do.	Louis S. Fencheff.	Refund.	35 00

\* Cancelled.

## COLLEGE OF MEDICINE VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
455	Apr. 13	Goodhart's Laundry	Laundry	\$ 60 18
456	do.	Geo. E. Brown	Printing	24 25
457	do.	Western Fuel Co.	Coal	218 80
458	Apr. 15	O. E. Staples, Bursar	Student labor	8 30
459	do.	Illinois Electric Co.	General supplies	5 55
460	do.	W. D. Allen Mfg. Co.	Laboratory supplies	3 55
461	do.	H. W. Johns-Manville Co.	do.	13 44
462	do.	Arthur Ochs	do.	30 00
463	do.	E. H. Sargent & Co.	do.	13 00
464	Apr. 17	Wm. H. Browne, Secretary	Sundry bills	235 87
465	do.	Cleveland Press	Books	6 00
466	do.	Yale Slot & Slug Co.	Office equipment	6 25
467	do.	The Peoples Gas Light & Coke Co.	Gas	45 28
468	do.	Commonwealth Edison Co.	Electric Power	142 88
469	do.	Mrs. Nana B. Moore	Laboratory supplies	15 00
470	do.	Fuller & Fuller Co.	do.	3 50
471	do.	E. H. Sargent & Co.	do.	6 00
472	do.	V. Mueller & Co.	do.	4 95
473	do.	A. Daigger & Co.	do.	1 71
474	do.	Eimer & Amend	do.	105 05
475	Apr. 21	O. E. Staples, Bursar	Student labor	2 00
476	Apr. 23	Maud Gubbins	Salary, April, 1914	60 00
477	do.	Paul David	do.	50 00
478	do.	Mrs. Josephine Allen	do.	55 00
479	do.	Anna R. Bolan	do.	60 00
480	do.	Metta M. Loomis	do.	75 00
481	do.	Eshoo David	do.	50 00
482	do.	Geo. N. Hiskey	do.	45 00
483	do.	Geo. P. Dreyer	do.	333 32
484	do.	Albert C. Eycleshymer	do.	416 66
485	do.	Bernard Fantus	do.	166 66
486	do.	Adolph Gehrmann	do.	66 66
487	do.	David J. Davis	do.	416 66
488	do.	Stella M. Gardner	do.	83 33
489	do.	Mary C. Lincoln	do.	50 00
490	do.	Wm. H. Welker	do.	208 33
491	do.	Wm. H. Burmeister	do.	166 66
492	do.	Richard R. Rupert	do.	166 66
493	do.	John E. Haskell	do.	50 00
494	do.	Edgar G. Miller	do.	100 00
495	do.	Frank K. Bartlett	do.	180 00
496	do.	Josiah J. Moore	do.	125 00
497	do.	Eric G. Hakansson	do.	30 00
498	do.	J. Craig Small	do.	50 00
499	do.	Thos. S. Jones	do.	108 33
500	do.	Nils Siegbahn	do.	60 00
501	do.	Geo. Gaffney	do.	65 00
502	do.	Frederick H. Falls	do.	50 00
503	do.	Frederick B. Moorehead	do.	166 66
504	do.	Donald M. Gallie	do.	83 33
505	do.	Geo. W. Dittmar	do.	99 99
506	do.	Frederick B. Noyes	do.	83 33
507	do.	Edgar B. Coolidge	do.	83 33
508	do.	Louis Schultz	do.	33 33
509	do.	Louis E. Bake	do.	66 66
510	do.	Solomon P. Starr	do.	66 66
511	do.	Henry C. Lee	do.	40 00
512	do.	Arthur H. Hixson	do.	60 00
513	do.	Frank J. Bernard	do.	40 00
514	do.	Virgil H. Moon	do.	50 00
515	do.	John C. McGuire	do.	125 00
516	do.	John Phillips	do.	40 00
517	do.	Dudley H. Grant	do.	37 50
518	do.	Ethel E. Watson	do.	50 00
519	do.	James J. Burns	do.	60 00
520	do.	Simon David	do.	50 00
521	do.	Ella George	do.	50 00
522	do.	John Kastonos	do.	50 00
523	do.	Harry Mirsa	do.	50 00
524	do.	Georgiana M. Tomek	do.	60 00
525	do.	Nathan Badel	do.	50 00
526	do.	Joseph George	do.	50 00
527	do.	Louise B. Heerman	do.	50 00
528	do.	Joseph Klana	do.	70 00
529	do.	Wm. H. Browne	do.	250 00
530	do.	Mabel L. Arneson	do.	75 00
531	do.	Henry W. Cole	do.	100 00
532	do.	Bert D. Coles	do.	50 00
533	do.	Anna J. Hwasser	do.	50 00

## COLLEGE OF MEDICINE VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
534	Apr. 23	Harry Schultz	Salary, April, 1914	\$ 35 00
535	..do.	Eric Froberg	..do.	75 00
536	..do.	Jas. Southwell	..do.	115 00
537	..do.	Joseph S. Tomlinson	..do.	125 00
538	..do.	V. Mueller & Co.	Laboratory supplies	29 00
539	..do.	Morrison, Plummer & Co.	..do.	6 09
540	..do.	Physicians' Supply & Drug Co.	..do.	1 96
541	..do.	C. L. Frame Dental Supply Co.	..do.	2 25
542	..do.	Ella R. Michaels	..do.	2 00
543	..do.	Thos. J. Deer Co.	..do.	88 15
544	..do.	Scully Steel & Iron Co.	..do.	4 41
545	..do.	Arthur Ochs	..do.	21 00
546	..do.	F. J. Burns & Co.	..do.	3 00
547	..do.	Barron Bros. Coal Co.	..do.	3 12
548	..do.	A. C. McClurg & Co.	Office supplies	1 28
549	..do.	Cameron, Amberg & Co.	Printing	36 50
550	..do.	Maas Bros.	Building material	11 43
551	..do.	The University Hospital	Hospital services	31 50
552	..do.	The Peoples Gas Light & Coke Co.	Gas	21 60
553	Apr. 27	Grover Tracy	Salary, April 15-30, 1914	37 50
554	..do.	Maas Bros.	Laboratory supplies	7 10
555	..do.	V. Mueller & Co.	..do.	6 40
556	..do.	Bradner, Smith & Co.	..do.	5 90
557	..do.	Cameron, Amberg & Co.	..do.	21 00
558	..do.	Arthur Ochs	..do.	7 50
559	..do.	Consumers Co.	..do.	7 00
560	..do.	B. F. Gump Co.	..do.	7 46
561	..do.	Antiseptol Liquid Soap Co.	..do.	27 60
562	Apr. 30	Library Bureau	General supplies	2 00
563	..do.	Ella R. Michaels	..do.	3 00
564	..do.	Western Lumber Co.	..do.	23 31
565	..do.	W. D. Allen Mfg. Co.	Laboratory supplies	4 32
566	..do.	D. Shor Co.	..do.	49 50
567	..do.	Whitall Tatum Co.	..do.	11 95
568	..do.	Marshall Field & Co.	..do.	5 00
569	..do.	Physicians' Supply & Drug Co.	..do.	4 50
570	..do.	Arthur Ochs	..do.	10 50
571	..do.	E. H. Sargent & Co.	..do.	8 00
572	..do.	Morrison, Plummer & Co.	..do.	34 98
573	..do.	Fuller & Fuller Co.	..do.	26 67
574	..do.	A. Daigger & Co.	..do.	3 63
575	..do.	Mason, Davis & Co.	Laboratory apparatus	3 25
576	..do.	Pittsburgh Plate Glass Co.	Building material	3 75
577	..do.	V. Mueller & Co.	Repairs	1 75
578	..do.	Commonwealth-Edison Co.	Electric power	11 75
579	..do.	Vaughans Seed Store	General supplies	13 28
580	..do.	Remington Typewriter Co.	Office equipment	76 55
581	..do.	Pittsburgh Plate Glass Co.	Building repairs	3 75
582	..do.	Ernst Leitz	Laboratory apparatus	70 50
583	..do.	Illinois State Reformatory	Printing	7 25
584	..do.	Thos. J. Dee & Co.	General supplies	224 10
585	..do.	J. Will Bates	Laboratory apparatus	65 00
586	..do.	The American Shade Factory	Shades	48 75
587	..do.	Ahrens & Schreiner	General supplies	1 47
588	..do.	Morrison, Plummer & Co.	..do.	22 27
589	..do.	Fuller & Fuller Co.	Laboratory supplies	23 12
590	..do.	Chicago Medical Book Co.	..do.	1 41
591	..do.	Maas Bros.	General supplies	27 50
592	..do.	C. L. Frame Dental Supply Co.	Laboratory supplies	21 75
593	May 7	Johann Becker	Salary, April, 1914	26 67
594	..do.	Peter Drennan	..do.	22 67
595	..do.	Hubert Rehfeldt	..do.	29 34
596	May 8	Riddiford Bros.	Laboratory supplies	66 33
597	..do.	Arthur Ochs	..do.	25 00
598	..do.	Morrison, Plummer & Co.	..do.	49 34
599	..do.	Fuller & Fuller Co.	..do.	13 82
600	..do.	E. H. Sargent & Co.	..do.	16 65
601	..do.	V. Mueller & Co.	..do.	86 23
602	..do.	Huntley Dairy Co.	..do.	3 98
603	..do.	Demonstrator's Assn. of Illinois	..do.	85 00
604	..do.	Borden's Condensed Milk Co.	..do.	4 16
605	..do.	C. J. Plumb	..do.	17 50
606	..do.	Ahrens & Schreiner	..do.	1 50
607	..do.	Physicians' Supply & Drug Co.	..do.	2 28
608	..do.	A. C. McClurg & Co.	..do.	3 50
609	..do.	Mrs. J. North	General supplies	2 40
610	..do.	Barron Bros. Coal Co.	..do.	1 29
611	..do.	L. C. Carden	Office equipment	7 50
612	..do.	Wanner Machinery Co.	..do.	4 60

## COLLEGE OF MEDICINE VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914.				
613	May 8	Nick Starck & Sons.	General labor.	\$ 60 00
614	..do.	A. Kroch & Co.	Books.	144 84
615	..do.	American Medical Assn.	..do.	7 00
616	..do.	Kasen's Express & Van Co.	Freight and express.	28 53
617	..do.	Chicago Telephone Co.	Telephone.	11 42
618	..do.	Goodhart's Laundry	Laundry.	74 33
619	..do.	F. G. Hartwell Co.	Coal.	302 48
620	..do.	Western Fuel Co.	..do.	178 97
621	..do.	Western Lumber Co.	Building repairs.	88 66
622	..do.	Chicago Towel Co.	Laundry.	63 11
623	..do.	Hamblin Plumbing Co.	Plumbing.	26 40
624	May 18	Thos. J. Dee & Co.	Laboratory supplies.	75 05
625	..do.	Physicians' Supply & Drug Co.	..do.	2 60
626	..do.	Eimer & Amend.	..do.	771 08
627	..do.	Morrison, Plummer & Co.	..do.	93 02
628	..do.	C. L. Frame Dental Supply Co.	..do.	1 50
629	..do.	M. J. Corboy Co.	..do.	119 70
630	..do.	S. S. White Dental Mfg. Co.	..do.	15 08
631	..do.	Chicago Savings Bank & Trust Co.	Fee.	4 50
632	..do.	V. Mueller & Co.	Laboratory supplies.	167 68
633	..do.	F. J. Burns & Co.	..do.	25 80
634	..do.	John Bohr.	..do.	10 00
635	..do.	Marshall Field & Co.	..do.	8 10
636	..do.	A. C. McClurg & Co.	..do.	16 28
637	..do.	Woods Hospital Supply Co.	..do.	128 49
638	..do.	Ernst Leitz.	..do.	21 09
639	..do.	Arthur Ochs.	..do.	7 50
640	..do.	E. H. Sargent & Co.	..do.	3 20
641	..do.	F. A. Hardy & Co.	..do.	2 26
642	..do.	Twin City Roofing Co.	..do.	34 50
643	..do.	Fuller & Fuller Co.	..do.	8 87
644	..do.	The Cudahy Packing Co.	..do.	10 00
645	..do.	Commonwealth Edison Co.	Electric power.	109 50
646	..do.	The Peoples Gas Light & Coke Co.	Gas.	35 36
647	..do.	Chicago Telephone Co.	Telegraph and telephone.	27 41
648	..do.	Wanner Machinery Co.	Office equipment.	11 94
649	..do.	Barron Bros. Coal Co.	General supplies.	2 86
650	..do.	Bradner, Smith & Co.	Office supplies.	44 90
651	..do.	Scully Steel & Iron Co.	General supplies.	2 04
652	..do.	The Garlock Packing Co.	..do.	7 41
653	..do.	Ahrens & Schreiner.	..do.	19 67
654	..do.	Maas Bros.	Building material.	20 69
655	..do.	C. R. Killin.	General supplies.	1 40
656	..do.	Mallory & Mitchell.	Advertising.	15 00
657	..do.	American Medical Assn.	..do.	60 00
658	..do.	A. Kroch & Co.	Books.	1 20
659	..do.	The A. H. Andrews Co.	Furniture repairs.	13 20
660	May 20	W. H. Burmeister.	Salary advanced to Edna Krudwig.	72 00
661	..do.	Herbert Mullaney.	Salary, May, 1914.	40 00
662	May 27	Edna Krudwig.	Salary, May, 1914.	20 00
663	..do.	Jas. M. White.	Traveling expenses.	11 24
664	..do.	P. G. Burt.	..do.	7 39
665	..do.	American Shade Factory.	Shades.	9 75
666	..do.	Davis & Kreeger.	Building repairs.	100 00
667	..do.	H. F. Bremer.	..do.	48 05
668	..do.	Jas. W. Vallentyne.	Postage.	80 00
669	..do.	Ernst Leitz.	Apparatus.	35 17
670	..do.	General Electric Co.	Electrical supplies.	29 48
671	..do.	Western Slate Co.	Blackboards.	12 00
672	..do.	Western Bank Note & Engraving Co.	Diplomas.	28 00
673	..do.	The Peoples Gas Light & Coke Co.	Gas.	24 96
674	..do.	Barron Bros. Coal Co.	General supplies.	3 33
675	..do.	Maas Bros.	..do.	11 20
676	..do.	American Felt Co.	..do.	1 97
677	..do.	Thos. J. Dee & Co.	Laboratory supplies.	17 67
678	..do.	V. Mueller & Co.	..do.	1 50
679	..do.	Canadian Bird Store.	..do.	8 80
680	..do.	Heath & Milligan Mfg. Co.	..do.	13 43
681	..do.	Siegel, Cooper & Co.	..do.	4 00
682	..do.	Parke, Davis & Co.	..do.	3 47
683	..do.	F. J. Burns & Co.	..do.	7 50
684	..do.	C. L. Frame Dental Supply Co.	..do.	8 44
685	..do.	S. S. White Dental Mfg. Co.	..do.	12 06
686	..do.	Physicians' Supply & Drug Co.	..do.	4 66
687	May 30	Eimer & Amend.	..do.	34 39
688	..do.	Fuller & Fuller Co.	..do.	22 15
689	..do.	Morrison, Plummer & Co.	..do.	37 80
690	..do.	A. Daigger & Co.	..do.	4 20



COLLEGE OF MEDICINE VOUCHERS—*Concluded.*

No.	Date.	To whom.	For what.	Amount.
1914.				
691	May 30	Whitall-Tatum Co.	Laboratory supplies.	\$ 9 86
692	..do.	Physicians' Supply & Drug Co.	..do.	16 08
693	..do.	L. C. Carden.	..do.	90 00
694	..do.	Woods Hospital Supply Co.	..do.	47 00
695	..do.	V. Mueller & Co.	..do.	1 00
696	..do.	Ahrens & Schreiner	..do.	2 60
697	..do.	A. C. McClurg & Co.	General supplies.	3 53
698	..do.	Mrs. E. Michaels.	..do.	8 05
699	..do.	Brooksbank Bros.	Repairs.	4 50
700	June 6	O. E. Staples, Bursar	Student labor.	17 72
701	June 8	W. H. Browne, Secretary	Sundry bills.	264 13
702	..do.	Lakeview Amusement Co.	Rent of theatre.	150 00
703	..do.	O. E. Staples, Bursar	Student labor.	5 90
704	June 10	James T. Groot.	Clerical work.	183 70
705	June 15	Edward Cohen.	License.	20 00
706	..do.	O. E. Staples, Bursar	Student labor.	14 88
707	June 23	C., C., C. & St. L. Ry. Co.	Freight.	1 55
708	..do.	Mr. Manley.	Laboratory supplies.	5 00
709	June 27	Mass Brothers.	Supplies.	55 46
710	..do.	Ahrens & Schreiner.	Condensed milk.	1 73
711	..do.	Crane Co.	Plumbing.	2 13
712	..do.	Hamblin Plumbing Co.	Building repairs.	135 21
713	..do.	The University Hospital.	Expert service.	274 40
714	..do.	Chicago Savings Bank and TrustCo., Trustee.	Interest.	1,818 00
715	..do.	Frank B. Earle, Trustee.	..do.	3,302 70
716	..do.	J. W. Allen & Co.	Water cooler.	11 00
717	..do.	S. S. White Dental Mfg. Co.	Supplies.	1 13
718	..do.	Ralph C. Branch.	Expert service.	25 00
719	..do.	Chas. H. Fisk.	Incidentals.	6 30
720	..do.	Barron Bros. Coal Co.	Supplies.	2 58
721	..do.	Chicago Oxygen Gas Co.	Tank and gas.	15 00
722	..do.	Henry Newgard & Co.	Fixtures.	18 00
723	..do.	Western Lumber Co.	Building repairs.	11 20
724	..do.	The Anchor Packing Co.	Supplies.	7 10
725	..do.	American Felt Co.	Laboratory supplies.	6 30
726	..do.	Edwin Sutter.	Apparatus repairs.	11 00
727	June 29	C. J. Davis.	Repairing microscopes.	53 40
728	..do.	The Book Shop Bindery.	Binding.	21 05
729	..do.	Maas Brothers.	Screening, locks.	10 80
730	..do.	Illinois Malleable Iron Co.	Red packing.	1 40
731	..do.	Rounds-Truman Co.	Engrossing diplomas.	7 50
732	..do.	C. L. Frame Dental Supply Co.	Laboratory supplies.	15 45
733	..do.	Fuller & Fuller Co.	..do.	26 42
734	..do.	Huntley Dairy Co.	..do.	6 70
735	..do.	McMaster-Carr Supply Co.	General supplies.	4 43
736	..do.	The Cudahy Packing Co.	Janitor's supplies.	57 00
737	..do.	J. W. Butler Paper Co.	Paper, printing.	5 65
738	..do.	Barron Bros. Coal Co.	Hay, excelsior feed.	2 70
739	..do.	S. S. White Dental Mfg. Co.	Laboratory supplies.	24 15
740	..do.	Mandel Brothers.	Shades.	117 60
741	..do.	Arthur Ochs.	Rabbits, guinea pigs.	16 50
742	..do.	E. H. Sargent & Co.	Laboratory supplies.	2 20
743	..do.	Chicago Medical Book Co.	Books.	13 11
744	..do.	Ernst Leitz.	Laboratory apparatus.	468 93
745	..do.	The Peoples Gas Light & Coke Co.	Gas.	12 32
746	..do.	Irving-Pitt Mfg. Co.	Binder, indexes.	7 94
747	..do.	Morrison, Plummer & Co.	Laboratory supplies.	140 65
748	..do.	H. F. Bremer.	Materials, labor.	50 05
749	..do.	O. E. Staples, Bursar	Student labor.	1 43
750	June 30	Louis E. Larsen, Secretary Board of Education, Chicago, Ill.	Principal and interest.	11,650 00
751	..do.	R. I. Humphrey.	Laboratory assistance.	43 50
752	..do.	L. L. Blaine.	..do.	20 50
753	..do.	H. D. Coltman.	..do.	33 75
754	..do.	J. T. Groot.	Typewriting and printing.	39 00
755	..do.	O. E. Staples, Bursar	Student labor.	12 70
756	..do.	W. H. Browne, Secretary	Sundry bills.	182 31

(b) *VOUCHERS CERTIFIED TO THE AUDITOR OF PUBLIC ACCOUNTS.*

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS.

See also the Report of the Auditor of Public Accounts for this period.

No.	Date.	To whom.	For what.	Amount.
	1913.			
1	July 7	Campbell & Spalding .....	Horseshoeing .....	\$ 7 00
2	..do..	Bacon Brothers .....	Supplies .....	3 90
3	..do..	Reliable Plumbing & Heating Co .....	Lead pipe .....	2 24
4	..do..	The U. of I. Supply Store .....	Knives for sharpener .....	1 35
5	..do..	H. W. Stewart .....	Field expenses .....	51 50
6	..do..	F. W. Wascher .....	Traveling expenses .....	56 42
7	..do..	H. C. Wheeler .....	..do. ....	139 24
8	..do..	R. W. Dickenson .....	Field expenses .....	28 62
9	..do..	Harry C. Gilkerson .....	Traveling expenses .....	33 28
10	..do..	O. M. McGhee .....	..do. ....	26 12
11	..do..	A. Floyd Heck .....	..do. ....	16 77
12	..do..	Wm. Aten, Sr. ....	Field expenses .....	38 48
13	..do..	George M. Hinkley .....	Expenses .....	41 77
14	..do..	A. F. Gustafson .....	Field expenses .....	35 45
15	..do..	P. D. Long .....	..do. ....	32 00
16	..do..	Albert Tate .....	..do. ....	55 75
17	..do..	F. W. Garrett .....	Expenses .....	34 75
18	..do..	Twin City Ice & Cold Storage Co. ....	Laboratory supplies .....	32 00
19	..do..	H. Swannell & Son .....	..do. ....	6 70
20	..do..	Munhall Printing House .....	Printing .....	2 50
21	July 8	S. E. Huff & Co. ....	Building materials .....	11 10
22	..do..	Reliable Plumbing & Heating Co .....	Plumbing materials .....	18 10
23	..do..	A. O. Magnuson .....	Laboratory apparatus .....	18 00
24	..do..	The Burr Co. ....	Repairs .....	14 15
25	..do..	James B. Clow & Sons .....	Plumbing materials .....	7 98
26	..do..	John R. Trevett .....	Traveling expenses .....	27 19
27	..do..	John H. Doyle .....	Supplies .....	1 60
28	..do..	Campbell & Spalding .....	Horseshoeing .....	14 00
29	..do..	American Platinum Works .....	Laboratory supplies .....	2 85
30	..do..	C. B. Richard & Co. ....	Freight and charges .....	9 21
31	..do..	John C. Moore Corporation .....	Printing .....	5 50
32	..do..	Champaign & Urbana Water Co. ....	Water permit .....	37 50
33	..do..	Standard Oil Co. ....	Supplies .....	26 39
34	..do..	Twin City Roofing & Sheet Metal Works	Building materials .....	1 75
35	..do..	The Garlock Packing Co. ....	Supplies .....	38 88
36	..do..	R. C. Wagner & Son .....	Dirt .....	41 40
37	..do..	Twin City Ice & Cold Storage Co. ....	Supplies .....	2 00
38	..do..	General Electric Co. ....	Electric fans .....	24 40
39	..do..	The Letter Shop .....	Clerical assistance .....	8 65
40	..do..	E. H. Sargent & Co. ....	Laboratory supplies .....	77 60
41	..do..	Peck & Hills Furniture Co. ....	Mirror screens .....	21 05
42	..do..	Goder-Heimann Co. ....	Laboratory apparatus .....	18 69
43	..do..	Crane Co. ....	Plumbing materials .....	37 26
44	..do..	George Strode .....	Awnings .....	18 00
45	..do..	F. C. Jorgeson & Co. ....	Furniture .....	220 00
46	..do..	F. H. Goodrich .....	Building materials .....	10 25
47	..do..	Automatic Electric Co. ....	Apparatus .....	96 00
48	..do..	G. & W. Electric Specialty Co. ....	Repairs .....	19 50
49	..do..	Champaign Steam Laundry .....	Laundry .....	2 25
50	..do..	D. H. Lloyd .....	Office supplies .....	4 73
51	..do..	The Chicago Record-Herald .....	Advertising .....	10 50
52	..do..	Western Electric Co. ....	Bells .....	30 00
53	July 9	Ernst Leitz .....	Laboratory apparatus .....	103 44
54	..do..	Twin City Printing Co. ....	Printing .....	37 00
55	..do..	Woldenberg & Schaar .....	Laboratory supplies .....	576 57
56	..do..	Shaw-Walker Co. ....	Office equipment .....	21 58
57	..do..	D. H. Lloyd .....	Laboratory supplies .....	31 38
58	..do..	James B. Clow & Sons .....	Plumbing equipment .....	43 50
59	..do..	Standard Oil Co. ....	Supplies .....	11 60
60	..do..	Flanigan-Pearson Co. ....	Printing .....	230 57
61	..do..	Harry Woods .....	Copy of Senate bill .....	1 50
62	..do..	W. M. Welch Co. ....	Furniture .....	37 50
63	..do..	Twin City Roofing & Sheet Metal Works	Laboratory apparatus .....	1 00
64	..do..	Champaign Steam Laundry .....	Laundry .....	7 60
65	..do..	Electric Coal Co. ....	Coal .....	532 50
66	July 10	White Line Steam Laundry .....	Laundry .....	20 32
67	..do..	A. O. Magnuson .....	Blueprinting .....	5 30
68	..do..	Twin City Roofing & Sheet Metal Works	Laboratory apparatus .....	9 00
69	..do..	D. H. Lloyd .....	General supplies .....	1 00
70	..do..	W. E. Burge .....	Laboratory supplies .....	23 42
71	..do..	John H. Doyle .....	Tools .....	1 80
72	..do..	E. W. Blatchford Co. ....	Laboratory supplies .....	17 31
73	..do..	Western Electric Co. ....	Repairs .....	2 37

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1913.				
74	July 10	Metzler & Schafer Co.	Janitors supplies.	\$ 3 60
75	do	Knowlton & Bennett.	Repairs, supplies.	34 50
76	July 11	Illinois Traction System.	Freight.	7 58
77	do	Twin City Roofing & Sheet Metal Works	Building repairs.	69 02
78	do	The Commanding Officer, Rock Island Arsenal.	Laboratory apparatus.	33 72
79	do	W. Lewis & Co.	General supplies.	5 98
80	do	Hunter, Bourke & Co.	Building repairs.	3 50
81	do	Bacon Brothers.	Building material.	2 96
82	do	W. W. Walls & Co.	Building repairs.	5 41
83	do	The J. B. Ford Co.	Janitor's supplies.	20 00
84	do	Southern Illinois Penitentiary.	do.	5 50
85	do	General Electric Co.	Fans.	24 40
86	do	Milton Bradley Co.	Laboratory apparatus.	4 00
87	do	McMaster-Carr Supply Co.	Machine repairs.	33 30
88	July 15	Percival & Moorehead.	Tools, repairs.	3 10
89	do	The Taylor Hardware.	Fixtures, repairs.	14 45
90	do	The Chas. A. Hall Hardware Co.	Tools.	2 00
91	do	The U. of I. Supply Store.	Office supplies.	1 82
92	do	The C. C. & St. L. Ry. Co.	Freight.	6 02
93	do	C. H. Stoelting Co.	Laboratory apparatus.	14 53
94	do	Illinois State Reformatory.	Printing.	4 25
95	do	McKey & Poague, Agents.	Rent.	500 00
96	do	Rundle-Spence Mfg. Co.	Plumbing repairs.	4 35
97	do	Knowlton & Bennett.	Laboratory supplies.	1 80
*98	do	H. S. Capron.	Option on Reinhart land.	600 00
99	do	R. L. Kelley.	Services.	45 80
100	do	Illinois Central R. R. Co.	Freight.	2 15
101	do	C. C. & St. L. Ry. Co.	do.	3 65
102	do	D. H. Loyde.	Office supplies.	6 54
103	do	The People's Gas Light & Coke Co.	Gas.	20 00
104	do	L. C. Smith & Bros. Typewriter Co.	Rentals.	5 00
105	do	The House of Childhood.	Laboratory apparatus.	50 00
106	do	Flanigan-Pearson Co.	Printing.	48 70
107	do	The Home Telephone Co.	Phone rent.	100 00
108	do	John H. Doyle.	Furniture repairs.	5 00
109	do	A. Gallenkamp & Co.	Laboratory apparatus.	10 15
110	do	Charles P. Emerson.	Expert services.	100 00
111	do	O. E. Staples, Bursar.	Postage.	50 00
112	do	The Saffell Co.	General supplies.	7 80
113	do	Jewell Belting Co.	do.	5 59
114	do	Illinois State Reformatory.	Printing.	6 90
115	do	A. G. Spalding & Bros.	General supplies.	4 18
116	do	Westinghouse Electric & Mfg. Co.	Fans.	48 00
117	do	Demonstrators' Assn. of Illinois.	Cadavers.	35 00
118	do	Cudahy Packing Co.	Soap, etc.	50 22
119	do	U. S. Grate Bar Co.	Machine repairs.	13 75
120	do	H. K. Mulford Co.	Laboratory supplies.	17 55
121	do	Western Carbon & Ribbon Co.	Office supplies.	16 44
122	do	The A. H. Andrews Co.	Furniture repairs.	2 40
123	do	The Chas. A. Hall Hardware Co.	Laboratory supplies.	2 55
124	do	Green Street Pharmacy.	do.	3 65
125	do	Barnhart Bros.	Clamps, scoops.	1 90
126	do	Percival & Moorehead.	Locks.	4 20
127	do	Automatic Electric Co.	Switch.	15 00
128	do	Marshall Field & Co.	Muslin and canvas covers.	9 21
129	do	W. Lewis & Co.	Janitors' supplies.	71 92
130	do	O. S. Watkins.	Traveling expenses.	40 36
131	do	A. Floyd Heck.	do.	11 74
132	do	Otto Harrassowitz.	Books.	13 11
133	do	U. & C. Ry., Gas & Electric Co.	Gas.	285 10
134	do	O. E. Staples, Bursar.	Petty bills.	213 24
135	July 19	Pay roll.		2,341 59
		Frucha, M. J.	One-third of June salary.	\$69 78
		Udinsky, Philip.	Wages.	16 00
		Willford, E. J.	do.	16 67
		Arrington, C. E.	do.	21 00
		Atwell, M. W.	do.	18 06
		Bailey, J. E.	do.	18 90
		Barnes, V. R.	do.	28 80
		Berbaum, E. R.	do.	21 60
		Bevis, A.	do.	44 00
		Brannigan, John.	do.	26 60
		Brown, Basil.	do.	19 68
		Brown, Harry.	do.	16 80
		Bullock, D. M.	do.	18 86
		Butler, Thomas.	do.	19 78
		Ceduskey, John.	do.	23 76

\* Now listed under Buildings, Land and Equipment, No. 1.

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
135	1913.			
Ctd.	July 19	Crathorne, F.....	Wages.....	\$26 00
		Cunningham, F.....	do.....	34 00
		Davis, Jos.....	do.....	23 10
		Dibble, E. P.....	do.....	24 84
		Downing, H.....	do.....	17 77
		Fay, T. J.....	do.....	31 00
		Fender, Fred.....	do.....	27 30
		Fender, Louie.....	do.....	22 00
		Fiscus, J. J.....	do.....	18 86
		Fogarty, F.....	do.....	10 00
		Fogarty, W.....	do.....	10 00
		Fox, Guy.....	do.....	24 00
		Freeman, C. Y.....	do.....	17 85
		Graybeal, W. H.....	do.....	21 00
		Hamlin, Sell.....	do.....	16 00
		Hanson, Samuel.....	do.....	11 00
		Hargan, E.....	do.....	11 00
		Henderson, T. O.....	do.....	34 58
		Hill, Charles.....	do.....	29 52
		Hixon, W. G.....	do.....	9 50
		Hutton, Ross.....	do.....	21 62
		Irvine, Frank.....	do.....	11 75
		Irvine, James.....	do.....	10 00
		Jones, Margaret.....	do.....	13 60
		Justus, E. W.....	do.....	32 00
		Langhoff, A.....	do.....	26 00
		Langhoff, Fred.....	do.....	20 70
		Lewis, E. C.....	do.....	23 73
		Litton, A. C.....	do.....	18 69
		Long, Thomas.....	do.....	24 30
		McAllister, A. J.....	do.....	23 76
		McClughen, Frances.....	do.....	13 60
		McCulough, James.....	do.....	18 48
		Mahorney, H. H.....	do.....	22 31
		Meenach, O. E.....	do.....	21 62
		Meneely, Dan.....	do.....	22 77
		Meyers, Jesse.....	do.....	18 40
		Miller, C. M.....	do.....	17 43
		Moran, A.....	do.....	13 20
		Morgan, J. E.....	do.....	16 00
		Morgan, Rebecca.....	do.....	13 60
		Murphey, Ruthe.....	do.....	18 56
		Newton, J. R.....	do.....	24 00
		Nikolaus, Jacob.....	do.....	21 00
		Perry, F. M.....	do.....	20 24
		Purkins, J. F.....	do.....	18 04
		Quinn, William.....	do.....	23 10
		Richards, Ed.....	do.....	30 24
		Ryan, Mary E.....	do.....	13 60
		Servis, A.....	do.....	11 96
		Smith, W. J.....	do.....	45 10
		Snyder, J.....	do.....	10 00
		Stateler, F.....	do.....	17 60
		Swearingen, Ralph.....	do.....	5 40
		Templin, William.....	do.....	27 00
		Tillotson, I. F.....	do.....	21 85
		Toy, George.....	do.....	19 09
		Turner, George.....	do.....	18 86
		Warmbler, August.....	do.....	25 20
		Wharmby, Ed.....	do.....	20 70
		Wilde, William.....	do.....	31 00
		Wilson, Frank.....	do.....	6 80
		Bogan, Lloyd.....	do.....	16 00
		Booher, M. C.....	do.....	28 40
		Booker, A. J.....	do.....	27 20
		Boyer, G. W.....	do.....	20 37
		Campbell, Mathew.....	do.....	10 00
		Carothers, Cevilla.....	do.....	12 16
		Carson, Rolla S.....	do.....	17 60
		Dunseth, C. A.....	do.....	28 80
		English, B. F.....	do.....	18 86
		Ensor, Russell.....	do.....	16 00
		Fetchrup, Herman.....	do.....	17 20
		Franklin, F. T.....	do.....	19 95
		Glenn, V. S.....	do.....	17 40
		Gundlock, Chas.....	do.....	27 33
		Hawkins, Clyde.....	do.....	10 00
		Hoover, F. F.....	do.....	18 70
		Hunter, J. W.....	do.....	20 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
135	July 19	Johnson, C. C. ....	Wages. ....	\$12 60
<i>Cld.</i>		Kleim, J. A. J. ....	do. ....	23 10
		Langhoff, William. ....	do. ....	18 86
		Long, J. F. ....	do. ....	22 68
		May, U. G. ....	do. ....	18 60
		Moore, C. P. ....	do. ....	14 60
		Nelson, C. Q. ....	do. ....	16 60
		Peterson, Nick. ....	do. ....	16 00
		Reed, B. L. ....	do. ....	10 45
		Sandwell, Martin. ....	do. ....	28 80
		Snyder, T. B. ....	do. ....	16 60
		Snook, Orval. ....	do. ....	19 32
		Stearns, L. M. ....	do. ....	21 00
		Surbaugh, C. A. ....	do. ....	16 00
		Thomson, H. L. ....	do. ....	18 40
		Vandeventer, J. H. ....	do. ....	26 00
		Wilson, Wesley. ....	do. ....	28 80
		Wright, Amos. ....	do. ....	25 20
		Wright, G. E. ....	do. ....	29 50
136	do. ....	W. W. Lindley, Postmaster. ....	Postage. ....	\$430' 00
137	July 21	Lewis Electric Supply Co. ....	Electric supplies. ....	3 57
138	do. ....	Central Electric Co. ....	Laboratory supplies. ....	11 56
139	do. ....	The Burr Co. ....	General supplies. ....	1 50
140	do. ....	Eisner Grocery Co. ....	Supplies. ....	25 57
141	do. ....	J. C. Thomas. ....	do. ....	9 40
142	do. ....	Farrar & Quinlan. ....	do. ....	44 60
143	do. ....	Bacon Brothers. ....	do. ....	1 79
144	do. ....	The Taylor Hardware Co. ....	General supplies. ....	3 00
145	do. ....	Funk Bros. Seed Co. ....	Alfalfa. ....	22 65
146	do. ....	John H. Doyle. ....	Repairs. ....	1 00
147	do. ....	James H. Rice Co. ....	Building repairs. ....	50 21
148	do. ....	James F. Umpleby. ....	Fencing. ....	153 01
149	do. ....	Automatic Electric Co. ....	Telephone apparatus. ....	12 50
150	do. ....	Alexander Lumber Co. ....	Lumber. ....	2 30
151	do. ....	Knowlton & Bennett. ....	Glue. ....	1 25
152	do. ....	The Graham Mfg. Co. ....	General supplies. ....	7 66
153	do. ....	Johnson Bros. ....	Building materials. ....	19 36
154	do. ....	Reliable Plumbing & Heating Co. ....	Plumbing repairs. ....	2 66
155	do. ....	A. C. McClurg & Co. ....	Books. ....	2 94
156	do. ....	Watson Faulkner. ....	General supplies. ....	1 00
157	do. ....	Twin City Creamery Co. ....	Butter. ....	30 64
158	do. ....	George Strobe. ....	Awning. ....	5 50
159	do. ....	National Biscuit Co. ....	Supplies. ....	1 64
160	do. ....	The Celluloid Co. ....	Office supplies. ....	2 13
161	do. ....	Burrough Adding Machine Co. ....	Paper. ....	2 04
162	do. ....	The Sanitary Dairy. ....	Cream. ....	46 60
163	do. ....	Champaign & Urbana Water Co. ....	Water. ....	1 25
164	do. ....	Dryer & Burt. ....	Oats, corn. ....	339 22
165	do. ....	H. Swannell & Son. ....	General supplies. ....	6 25
166	do. ....	Percival & Moorehead. ....	do. ....	1 20
167	do. ....	W. Lewis & Co. ....	Shade. ....	5 00
168	do. ....	Hunter, Rourke & Co. ....	Laboratory apparatus. ....	18 00
169	do. ....	Munhall Printing House. ....	Index cards. ....	7 75
170	do. ....	Keuffel & Esser Co. ....	Laboratory apparatus. ....	11 39
171	do. ....	The Chas. A. Hall Hardware Co. ....	Fencing. ....	2 42
172	do. ....	Armour Fertilizer Works. ....	Laboratory supplies. ....	37 50
173	do. ....	S. E. Huff & Co. ....	Coal, supplies. ....	97 50
174	do. ....	Metzler & Schafer Co. ....	Laboratory supplies. ....	2 42
175	do. ....	Strauch Kodak Finishing Shop. ....	Prints, negatives. ....	3 90
176	do. ....	Keuffel & Esser Co. ....	Laboratory apparatus. ....	11 55
177	do. ....	Vaughan's Seed Store. ....	General supplies. ....	5 25
178	do. ....	Keuffel & Esser Co. ....	Laboratory apparatus. ....	46 20
179	do. ....	Strauch Kodak Finishing Shop. ....	Printing, developing. ....	28 95
180	do. ....	Standard Oil Co. ....	Oil. ....	16 09
181	do. ....	Standard Oil Co. ....	do. ....	10 19
182	do. ....	Vaughan's Seed Store. ....	General supplies. ....	11 55
183	do. ....	S. E. Huff & Co. ....	Lumber. ....	1 00
184	do. ....	The Burr Co. ....	Laboratory apparatus. ....	11 90
185	do. ....	The Burr Co. ....	do. ....	1 60
186	do. ....	Metzler & Schafer Co. ....	Supplies. ....	19 14
187	do. ....	Champaign Steam Laundry. ....	Laundry. ....	32
188	do. ....	Champaign Steam Laundry. ....	do. ....	10 46
189	do. ....	J. C. Gabel & Co. ....	Fencing. ....	130 00
190	do. ....	T. J. Colvin. ....	Laboratory supplies. ....	4 08
191	do. ....	The Saffell Co. ....	Building materials. ....	30 20
192	do. ....	O. E. Shobe & Son. ....	Livery hire. ....	2 00
193	do. ....	S. E. Huff & Co. ....	Lumber. ....	6 20
194	do. ....	J. Bowman. ....	Machinery, supplies. ....	23 68
195	do. ....	Strauch Kodak Finishing Shop. ....	Printing, developing. ....	34 13

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
196	1913. July 21	Pay roll.....	Salaries for instructions.....	\$50,228 15
		Clard, C. R.....	Salary, July, 1913.....	\$166 66
		Mann, Frederick M.....	do.....	333 33
		Ricker, N. C.....	do.....	291 66
		Wells, N. A.....	do.....	208 33
		White, J. M.....	do.....	333 33
		Lake, E. J.....	do.....	150 00
		Stebbins, Joel.....	do.....	104 16
		Barlow, Bronson.....	do.....	50 00
		Rahn, Otto.....	do.....	166 66
		Hottes, C. F.....	do.....	208 33
		Barrett, J. T.....	do.....	58 33
		Hursh, R. K.....	do.....	100 00
		Radcliffe, B. S.....	do.....	100 00
		Stull, R. T.....	do.....	225 00
		Balke, C. W.....	do.....	183 33
		Derick, C. G.....	do.....	141 66
		Kessler, Ernst.....	do.....	60 00
		Noyes, W. A.....	do.....	333 33
		Parr, S. W.....	do.....	291 66
		Smith, G. M.....	do.....	133 33
		Washburn, E. W.....	do.....	183 33
		Weber, H. C. P.....	do.....	150 00
		Baker, I. O.....	do.....	333 33
		Dufour, F. O.....	do.....	166 66
		McDaniel, A. B.....	do.....	208 33
		Malcolm, C. W.....	do.....	150 00
		Smith, J. E.....	do.....	125 00
		Barton, H. J.....	do.....	250 00
		Canter, H. V.....	do.....	166 66
		Moss, C. M.....	do.....	250 00
		Oldfather, W. A.....	do.....	229 16
		Pease, A. S.....	do.....	208 33
		Frazer, Geo. E.....	do.....	300 00
		Fiero, E. E.....	do.....	45 00
		Saxton, Olive F.....	do.....	83 33
		Warnock, A. R.....	do.....	125 00
		Strong, Lillian.....	do.....	50 00
		Bogart, E. L.....	do.....	250 00
		Dewsnup, E. R.....	do.....	250 00
		Duncan, J. C.....	do.....	229 16
		Litman, Simon.....	do.....	183 33
		Robinson, M. H.....	do.....	250 00
		Weston, N. A.....	do.....	229 16
		Anderson, L. F.....	do.....	208 33
		Bagley, W. C.....	do.....	291 66
		Coffman, L. D.....	do.....	250 00
		Miller, W. S.....	do.....	125 00
		Berg, E. J.....	do.....	333 33
		Brooks, Morgan.....	do.....	250 00
		Bryant, J. M.....	do.....	183 33
		Paine, E. B.....	do.....	208 33
		Waldo, E. H.....	do.....	166 66
		Abrams, D. A.....	do.....	133 33
		Chittenden, A. K.....	do.....	229 16
		Kratz, A. P.....	do.....	100 00
		McFarland, D. F.....	do.....	150 00
		Slater, W. A.....	do.....	125 00
		Vedder, J. N.....	do.....	110 00
		Yensen, T. D.....	do.....	100 00
		Moore, H. F.....	do.....	208 33
		Alden, R. M.....	do.....	333 33
		Baldwin, E. C.....	do.....	150 00
		Clark, T. A.....	do.....	416 66
		Dodge, D. K.....	do.....	250 00
		Fulton, Edward.....	do.....	175 00
		Guild, T. H.....	do.....	125 00
		Jones, H. S. V.....	do.....	150 00
		Paul, H. G.....	do.....	166 66
		Scott, F. W.....	do.....	183 33
		Sherman, S. P.....	do.....	266 66
		Zeitlin, Jacob.....	do.....	125 00
		Folsom, J. W.....	do.....	166 66
		Forbes, S. A.....	do.....	41 66
		McGillivray, A. D.....	do.....	208 33
		Miller, H. W.....	do.....	150 00
		Bayley, W. S.....	do.....	187 50
		Rolfe, C. W.....	do.....	250 00
		Savage, T. E.....	do.....	166 66

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
196 Ctd.	1913. July 21	Brooks, N. C.....	Salary, July, 1913.....	\$200 00
		Flom, G. R.....	do.....	208 33
		Goebel, Julius.....	do.....	270 83
		Lessing, O. E.....	do.....	233 33
		Meyer, G. H.....	do.....	208 33
		Bailey, Margaret L.....	do.....	50 00
		Kinley, David.....	do.....	500 00
		Hollister, H. A.....	do.....	229 16
		Alvord, C. W.....	do.....	145 83
		Buck, S. J.....	do.....	116 66
		Ford, G. S.....	do.....	250 00
		Greene, E. B.....	do.....	375 00
		Larson, L. M.....	do.....	216 66
		Robertson, W. S.....	do.....	166 66
		Decker, E. H.....	do.....	250 00
		Green, Frederick.....	do.....	291 66
		Hale, W. G.....	do.....	250 00
		Harker, O. A.....	do.....	333 33
		Pomeroy, J. N.....	do.....	183 33
		Vernier, C. G.....	do.....	291 66
		Wormser, I. M.....	do.....	183 33
		Babcock, K. C.....	do.....	416 66
		Bond, Ethel.....	do.....	83 33
		Craig, Jennie A.....	do.....	75 00
		Curtis, Florence R.....	do.....	110 00
		Felsenthal, Emma.....	do.....	75 00
		Simpson, Frances.....	do.....	166 66
		Drury, F. K. W.....	do.....	166 66
		Dunlap, Fannie.....	do.....	55 00
		Goulding, P. S.....	do.....	133 33
		Herdman, Margaret.....	do.....	75 00
		Hodnefield, Jacob.....	do.....	100 00
		Hutchins, Margaret.....	do.....	75 00
		Janvrin, C. E.....	do.....	37 50
		Johnson, Alice.....	do.....	70 00
		Jutton, Emma R.....	do.....	100 00
		Kaiser, J. B.....	do.....	100 00
		Karsten, Eleanor G.....	do.....	100 00
		Kingsbury, Margaret L.....	do.....	75 00
		Windsor, P. L.....	do.....	250 00
		Wyeth, Ola M.....	do.....	75 00
		Patton, Adah.....	do.....	83 33
		Branch, Nellie U.....	do.....	32 50
		Brown, Flora M.....	do.....	60 00
		Borger, R. L.....	do.....	125 00
		Crathorne, A. R.....	do.....	141 66
		Emch, Arnold.....	do.....	166 66
		Lytle, E. B.....	do.....	133 33
		Miller, G. A.....	do.....	250 00
		Rietz, H. L.....	do.....	150 00
		Shaw, J. B.....	do.....	187 50
		Sisam, C. H.....	do.....	158 33
		Townsend, E. J.....	do.....	333 33
		Benedict, B. W.....	do.....	291 66
		Frisk, J. A.....	do.....	91 66
		Goodenough, G. A.....	do.....	250 00
		Leutwiler, O. A.....	do.....	200 00
		Richards, C. R.....	do.....	333 33
		Morse, B. C.....	do.....	48 00
		Lincoln, F. C.....	do.....	166 66
		Stoek, H. H.....	do.....	333 33
		Enger, M. L.....	do.....	166 66
		Fleming, V. R.....	do.....	125 00
		Habermeyer, G. C.....	do.....	141 66
		Talbot, A. N.....	do.....	333 33
		Mills, C. H.....	do.....	208 33
		Schwartz, G. F.....	do.....	158 33
		Clark, A. H.....	do.....	150 00
		Day, W. B.....	do.....	208 33
		Goodman, F. M.....	do.....	100 00
		Snow, C. M.....	do.....	150 00
		Bode, B. H.....	do.....	250 00
		Daniels, A. H.....	do.....	300 00
		Burge, W. E.....	do.....	166 66
		Huff, G. A.....	do.....	250 00
		Moulton, Gertrude E.....	do.....	116 66
		Carman, A. P.....	do.....	333 33
		Knipp, C. T.....	do.....	208 33
		Kunz, Jacob.....	do.....	208 33

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
196 Ctd.	1913. July 21	Schulz, W. F.	Salary, July, 1913.....\$	166 66
		Strong, E. T.	do.	95 00
		Watson, F. R.	do.	200 00
		Williams, E. H.	do.	125 00
		Filbey, E. J.	do.	166 66
		James, Edmund J.	do.	1,000 00
		Dodd, W. F.	do.	166 66
		Fairlie, John A.	do.	250 00
		Garner, J. W.	do.	250 00
		Mathew, J. H.	do.	133 33
		Bentley, Madison.	do.	250 00
		Sutherland, A. H.	do.	150 00
		Buck, A. M.	do.	150 00
		Dunn, H. H.	do.	91 66
		McLean, A. H.	do.	80 00
		Marquis, F. W.	do.	150 00
		Schmidt, E. C.	do.	291 66
		Snodgrass, J. M.	do.	175 00
		Smith, Adelle, C.	do.	60 00
		Beck, J. B.	do.	166 66
		Blondheim, D. S.	do.	116 66
		Carnahan, D. H.	do.	208 33
		FitzGerald, J. D.	do.	208 33
		Oliver, T. E.	do.	208 33
		Seymour, A. R.	do.	166 66
		Hayes, E. C.	do.	233 33
		Todd, A. J.	do.	104 16
		Adams, C. C.	do.	137 50
		Carpenter, F. W.	do.	166 66
		Smith, Frank.	do.	208 33
		Ward, H. B.	do.	333 33
		Zeleny, Charles.	do.	208 33
		Allyn, Orr.	do.	70 00
		Bauer, F. C.	do.	125 00
		Burlison, W. L.	do.	100 00
		Fisher, O. S.	do.	166 66
		Gustafson, A. F.	do.	150 00
		Hegnauer, Leonard.	do.	250 00
		Hopkins, C. G.	do.	416 66
		Mosier, J. G.	do.	266 66
		Pettit, J. H.	do.	250 00
		Smith, L. H.	do.	250 00
		Stewart, H. W.	do.	150 00
		Whiting, A. L.	do.	125 00
		Gernert, W. B.	do.	125 00
		Park, J. B.	do.	150 00
		Aumer, J. P.	do.	150 00
		Binding, L. R.	do.	70 00
		Dickenson, R. W.	do.	70 00
		Fisher, F. A.	do.	83 33
		Garrett, F. W.	do.	83 33
		Holt, S. V.	do.	150 00
		Hoskins, E. E.	do.	150 00
		Keller, Oran.	do.	70 00
		Leighty, W. R.	do.	100 00
		Logan, C. C.	do.	150 00
		Niederman, Gertrude.	do.	100 00
		Sachs, W. H.	do.	125 00
		Van Alstine, E.	do.	150 00
		Wascher, F. W.	do.	83 33
		Wheeler, H. C.	do.	150 00
		Whitchurch, J. E.	do.	150 00
		Woodard, John.	do.	70 00
		Barto, D. O.	do.	166 66
		Bull, Sleeter.	do.	116 66
		Carmichael, W. J.	do.	41 66
		Coffey, W. C.	do.	225 00
		Edmonds, J. L.	do.	166 66
		Grindley, H. S.	do.	291 66
		Hall, L. D.	do.	225 00
		Handschin, W. F.	do.	150 00
		Joseph, W. E.	do.	125 00
		Mumford, H. W.	do.	416 66
		Perry, Leonora.	do.	79 16
		Place, V. A.	do.	83 33
		Rusk, H. P.	do.	175 00
		Smith, W. H.	do.	108 33
		Wells, J. R.	do.	70 00
		Yoke, J. J.	do.	83 33



OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
196 <i>Cld.</i>	1913. July 21	Case, H. C. M.	Salary, July, 1913	\$ 41 66
		Evans, Augusta D.	do.	83 33
		Nolan, A. W.	do.	200 00
		Rankin, F. H.	do.	250 00
		Simpson, F. M.	do.	100 00
		Gaines, W. L.	do.	150 00
		Pearson, F. A.	do.	75 00
		Wakely, L. M.	do.	100 00
		Brand, R. E.	do.	166 66
		Crandall, W. T.	do.	133 33
		Fraser, W. J.	do.	291 66
		Hepburn, N. W.	do.	175 00
		Harding, H. A.	do.	416 66
		Hulce, R. S.	do.	100 00
		Keller, O. A.	do.	83 33
		Parker, H. N.	do.	200 00
		Ruehe, H. A.	do.	116 66
		Wells, W. F.	do.	125 00
		Blair, J. C.	do.	416 66
		Durst, C. E.	do.	125 00
		Foglesong, L. E.	do.	100 00
		Gardner, J. J.	do.	100 00
		Lloyd, J. W.	do.	266 66
		Miller, Wilhelm.	do.	250 00
		Nehrling, A. H.	do.	125 00
		Root, R. R.	do.	166 66
		Dorner, H. B.	do.	200 00
		Hutchinson, James.	do.	100 00
		Muncie, F. W.	do.	83 33
		Peltier, G. L.	do.	83 33
		Gunderson, A. J.	do.	83 33
		Pickett, B. S.	do.	250 00
		Ruth, W. A.	do.	125 00
		Watkins, O. S.	do.	150 00
		Isabel Bevier.	do.	250 00
		Charlotte Gibbs.	do.	125 00
		Nellie E. Goldthwaite.	do.	166 66
		Maud Parsons.	do.	100 00
		Helena M. Pincomb.	do.	133 33
		Harriet Rinaker.	do.	125 00
		Ruth Wheeler.	do.	133 33
		Powell, B. E.	do.	191 66
		McIntosh, D.	do.	208 33
		Dreyer, Geo. P.	do.	100 00
		O'Byrne, C. C.	do.	100 00
		Rupert, R. R.	do.	100 00
		Barbour, Frederick L.	do.	25 00
		Bartow, Edward.	do.	291 66
		Corson, H. P.	do.	100 00
		Ferguson, H. F.	do.	60 00
		Hansen, Paul.	do.	250 00
		Hilscher, Ralph.	do.	100 00
		Hinds, M. E.	do.	60 00
		Langlier, W. F.	do.	100 00
		Mohlmann, F. W.	do.	60 00
		Andros, S. O.	do.	150 00
197	July 21	Pay roll.	Civil service.	\$7,333 75
		Allen, Josephine.	Salary, July, 1913.	55 00
		Alley, W. E.	do.	85 00
		Amos, Winifred L.	do.	65 00
		Arneson, Mabel.	do.	60 00
		Ash, Ethel.	do.	60 00
		Atkinson, C. E.	do.	141 66
		Blackwell, Mary L.	do.	50 00
		Boice, L. A.	do.	125 00
		Bolan, Anna R.	do.	60 00
		Broadhurst, Tabitha J.	do.	75 00
		Brown, Ina M.	do.	60 00
		Browne, William H.	do.	216 66
		Bryan, Sarah.	do.	65 00
		Buckler, Helen L.	do.	50 00
		Coles, B. D.	do.	50 00
		Cole, H. W.	do.	60 00
		Crawford, C. C.	do.	60 00
		Cunningham, H. E.	do.	150 00
		Dalton, C. E.	do.	45 00
		David, Eshoo.	do.	45 00
		David, Paul.	do.	45 00
		Durley, Franc.	do.	50 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
197	1913.			
<i>Old.</i>	July 21	Emigh, Edith.....	Salary, July, 1913.....	\$ 65 00
		Feind, Frances M.....	..do.....	75 00
		Fieg, R. I.....	..do.....	50 00
		Foss, Margaret.....	..do.....	40 00
		Fraser, Viola.....	..do.....	55 00
		Frogerb, Eric.....	..do.....	60 00
		Goetz, Antoinette.....	..do.....	65 00
		Good, Elizabeth.....	..do.....	40 00
		Griffith, Mabel F.....	..do.....	60 00
		Hamilton, Alice V.....	..do.....	75 00
		Havens, C. H.....	..do.....	120 00
		Hay, N.....	..do.....	166 66
		Heater, Myrtle E.....	..do.....	55 00
		Houchens, Josie E.....	..do.....	75 00
		Hull, A. H.....	..do.....	65 00
		Humrichouse, Katie L. E.....	..do.....	50 00
		Johnson, Gertrude.....	..do.....	55 00
		Kelley, J. H.....	..do.....	166 66
		Kirwan, Nora.....	..do.....	41 66
		Knapp, Aurella.....	..do.....	65 00
		Knorr, L. E.....	..do.....	140 00
		Lamb, Allie.....	..do.....	45 00
		Lee, Albert R.....	..do.....	91 66
		Loomis, Metta.....	..do.....	75 00
		Lund, Stella.....	..do.....	55 00
		McConn, C. M.....	..do.....	233 33
		McGurty, Agnes.....	..do.....	83 33
		Manspeaker, L. Mae.....	..do.....	83 33
		Mathers, Jennie.....	..do.....	50 00
		Meneley, Maude.....	..do.....	50 00
		Meseck, Rudolph.....	..do.....	65 00
		Miller, C. F.....	..do.....	75 00
		Morey, Lloyd.....	..do.....	85 00
		Morrow, J. A.....	..do.....	166 66
		Murphey, M. W.....	..do.....	110 00
		North, James W.....	..do.....	70 00
		Oaks, Catherine S.....	..do.....	65 00
		Oberdorfer, H. D.....	..do.....	166 66
		Packard, Bessie.....	..do.....	75 00
		Pell, Elizabeth.....	..do.....	75 00
		Peel, Thomas.....	..do.....	55 00
		Post, F. W.....	..do.....	75 00
		Postlewait, Harriet L.....	..do.....	50 00
		Rickets, Clara A.....	..do.....	60 00
		Rodgers, Della M.....	..do.....	40 00
		Robertson, Nellie M.....	..do.....	55 00
		Savage, John.....	..do.....	40 00
		Scanlon, Mary.....	..do.....	60 00
		Shepard, Anna L.....	..do.....	91 66
		Showers, T. J.....	..do.....	125 00
		Slater, Sara M.....	..do.....	55 00
		Smith, Bertram.....	..do.....	70 00
		Smith, Florence.....	..do.....	65 00
		Smith, I. M.....	..do.....	108 33
		Smith, Jessie.....	..do.....	100 00
		Smith, Mayme L.....	..do.....	65 00
		Southwell, James.....	..do.....	115 00
		Staples, O. E.....	..do.....	150 00
		Steitz, Alfred.....	..do.....	75 00
		Stevens, Sabra.....	..do.....	55 00
		Strom, Sigurd.....	..do.....	85 00
		Thompson, M. E.....	..do.....	85 00
		Tomlinson, J. S.....	..do.....	100 00
		Torrance, Mary.....	..do.....	55 00
		Towne, L. J.....	..do.....	150 00
		Tuttle, G. P.....	..do.....	91 66
		Tyrrell, Josephine.....	..do.....	45 00
		Voight, Lida E.....	..do.....	83 33
		White, Lida E.....	..do.....	50 00
		Winchester, B. L.....	..do.....	48 00
		Wyninger, H. T.....	..do.....	52 50
		Harnack, Carman.....	..do.....	55 00
		Hart, Eliza.....	..do.....	35 00
		Jester, Marie.....	..do.....	45 00
		Johnson, J. J.....	..do.....	45 00
		McMullin, Jane.....	..do.....	40 00
198	July 22	P. J. Foley.....	Payment on contract.....	\$1,530 00
199	July 23	John Sexton & Co.....	Supplies.....	230 91
200	..do.....	V. Mueller & Co.....	Laboratory apparatus.....	92 10

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
201	July 23	Barnhart Bros.	Building materials.	\$ 2 79
202	do.	Alexander Lumber Co.	do.	48 62
203	do.	Peck & Hills Furniture Co.	Furniture, etc.	35 60
204	do.	Flanigan-Pearson Co.	Office supplies.	39 89
205	do.	The Taylor Hardware Co.	Building materials.	15 14
206	do.	D. H. Lloyd.	Office supplies.	5 78
207	do.	Bacon Brothers.	Repairs, supplies.	9 69
208	do.	John H. Doyle.	Supplies.	2 75
209	do.	The Burr Co.	Laboratory apparatus.	18 00
210	do.	S. E. Huff & Co.	General supplies.	3 85
211	do.	J. W. Butler Paper Co.	Office supplies.	13 00
212	do.	Lewis Electric Supply Co.	General supplies.	1 05
213	do.	The Tablet & Ticket Co.	Supplies.	7 72
214	do.	The Frederick Post Co.	General supplies.	18 00
215	do.	Mittendorf & Kiler.	Office supplies.	4 80
216	do.	Chicago Fire Proof Storage Warehouse.	Storage.	4 50
217	do.	A. Floyd Heck.	Traveling expenses.	9 77
218	do.	F. W. Wascher.	Field expenses.	42 95
219	do.	A. F. Gustafson.	do.	35 49
220	do.	H. W. Stewart.	Traveling expenses.	32 00
221	do.	The Chester Horseshoeing Shop.	Field expenses.	13 50
222	do.	20th Century Press Clipping Bureau.	Clippings.	2 50
223	do.	W. O. Wilson.	Traveling expenses.	11 00
224	do.	Soudamore Bros.	Field expenses.	1 19
225	do.	P. A. Meyer.	Muslin.	1 84
226	do.	Flora Lumber Co.	Field expenses (lumber).	3 25
227	do.	Frison Carriage Shop.	Window rods.	2 00
228	do.	L. Hahn & Son.	Farm machinery.	31 50
229	do.	White Poultry Farm, Chas. Foster, Manager.	Eggs, chickens.	13 75
230	do.	Samuel Harris & Co.	General supplies.	12 73
231	do.	Williams Brothers.	Painting.	74 32
232	do.	W. W. Walls & Co.	Shingles.	15 75
233	do.	James B. Clow & Sons.	Pumbing materials.	12 00
234	do.	Weil Brothers.	do.	6 86
235	do.	Twin City Roofing & Sheet Metal Works.	Building materials.	102 70
236	do.	Alexander Nielson.	Laboratory supplies.	4 00
237	do.	J. Bishop & Co. Platinum Works.	do.	57 68
238	do.	The R. D. Swisher Mfg. Co.	Office supplies.	1 50
239	do.	Consumers Co.	General supplies.	14 00
240	do.	M. N. Alderman Sales Co.	Laboratory apparatus.	25 00
241	do.	The Pratt & Cady Co.	Supplies.	3 38
242	do.	Jenkins Bros.	do.	7 08
243	do.	H. C. Gilkerson.	Traveling expenses.	28 35
244	do.	O. M. McGhee.	Traveling expenses, etc.	27 75
245	do.	F. W. Wascher.	Field expenses.	101 40
246	do.	R. W. Dickenson.	do.	31 99
247	do.	The Chicago Packing House Market.	Supplies.	113 41
248	do.	The Ideal Electric Co.	Electric materials.	25 00
249	do.	Standard Oil Co.	Oil.	4 80
250	do.	H. F. Chester.	Horseshoeing.	8 00
251	do.	The John Lauson Mfg. Co.	Farm machinery.	84 60
252	do.	Sheldon Brick Co.	General supplies.	8 50
253	do.	George E. Amsbary Co.	Feed.	2 00
254	do.	Bean Spray Pump Co.	Repairs.	80
255	July 25	U. S. Department of Agriculture.	Index.	2 00
256	do.	U. of I. Supply Store.	Paper, etc.	2 45
257	do.	H. F. Chester (Chester Horse Shoeing Shop).	Horseshoeing.	21 50
258	do.	G. E. Stechert & Co.	Books.	3 77
259	do.	Hunter, Rourke & Co.	Building materials.	20 00
260	do.	John H. Doyle.	Supplies.	2 25
261	do.	D. H. Lloyd.	Paper.	1 94
262	do.	W. J. Carmichael.	Expenses.	2 52
263	do.	V. Mueller & Co.	Laboratory apparatus.	3 10
264	do.	American Steel & Wire Co.	Fences.	3 78
265	do.	Peru Plow & Wheel Co.	Farm machinery.	82 64
266	do.	American Duroc-Jersey Swine Breeders' Assn.	Recording.	50
267	do.	Champaign Seed Co.	Feeding stuffs.	2 50
268	do.	Champaign Seed Co.	Seed.	1 44
269	do.	D. J. Dobbins.	Feeding stuffs.	11 56
270	do.	Alexander Lumber Co.	Lumber.	1 00
271	do.	The Taylor Hardware Co.	Building materials.	1 17
272	do.	R. W. Braithwaite, V. S.	Professional services.	10 00
273	do.	U. & C. Ry., Gas & Electric Co.	Gas.	8 30
274	do.	General Electric Co.	Laboratory supplies.	16 25
275	do.	Knowlton & Bennett.	General supplies.	1 00
276	do.	Peck & Hills Furniture Co.	Furniture.	98 49

OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
	1913.			
277	July 25	Machinists Supply Co.....	Laboratory supplies.....	\$ 25 77
278	..do....	Central Scientific Co.....	..do.....	24 00
279	..do....	J. D. White, Clerk of University Post-office Station.....	Postage.....	480 00
280	..do....	Lewis Electric Supply Co.....	General supplies.....	1 65
281	..do....	Eisner Grocery Co.....	Feeding stuffs.....	11 87
282	..do....	Standard Oil Co.....	General supplies.....	5 20
283	..do....	F. C. Hubbard.....	Hay.....	30 75
284	..do....	University Club of Champaign & Urbana.....	Lunches.....	4 90
285	..do....	Chas. F. Witt.....	Harness.....	30 00
286	..do....	Eastern Moline Plow Co.....	Farm machinery.....	35 22
287	..do....	G. E. Stechert & Co.....	Books.....	1 75
288	..do....	A. L. A. Publishing Board.....	Periodicals.....	2 50
289	..do....	Shelton Electric Co.....	Apparatus repairs.....	4 45
290	..do....	Siegel, Cooper & Co.....	Laboratory supplies.....	2 88
291	..do....	Twin City Roofing & Sheet Metal Works.....	..do.....	6 63
292	..do....	Leavitt Mfg. Co.....	..do.....	36 70
293	..do....	Western Stoneware Co.....	..do.....	4 90
294	..do....	Vaughans Seed Store.....	General supplies.....	6 25
295	..do....	Jas. F. Umpleby.....	Fencing.....	109 85
296	..do....	Swift & Co.....	General supplies.....	103 57
297	..do....	National Drain Tile Co.....	Drains, tile.....	110 85
298	..do....	Morris & Co.....	General supplies.....	72 18
299	..do....	Flanigan-Pearson Co.....	Printing.....	52 75
300	..do....	The Chas. A. Strelinger Co.....	Laboratory supplies.....	11 20
301	..do....	George Kurtz.....	Hay.....	147 30
302	..do....	S. C. James.....	Supplies.....	2 00
303	..do....	L. C. Smith & Bros. Typewriter Co.....	Rentals.....	1 65
304	..do....	The New Era Printing Co.....	Printing.....	4 30
305	..do....	The Bean Spray Pump Co.....	Plunger packings.....	3 10
306	..do....	The C. C. & St. L. Ry. Co.....	Freight.....	21 01
307	..do....	The Wabash R. R. Co.....	..do.....	2 69
308	..do....	The U. of I. Supply Store.....	Supplies.....	43 64
309	..do....	American Steel & Wire Co.....	Fencing, freight.....	102 99
310	..do....	Mallory & Mitchell.....	Advertising.....	193 55
311	..do....	The People's Gas Light & Coke Co.....	Gas.....	9 76
312	..do....	T. W. Galloway.....	Lecture.....	10 00
313	..do....	O. E. Staples, Bursar.....	Pay roll paid in cash.....	173 30
314	..do....	O. E. Staples, Bursar.....	Bills paid in cash.....	208 64
315	July 26	Dulau & Co.....	Book.....	2 76
316	..do....	Wm. H. Browne, Secretary.....	Bills paid in cash.....	77 97
317	July 28	Standard Cap & Seal Co.....	Laboratory apparatus, rental.....	6 50
318	..do....	Harris-Dillavou & Co.....	General Supplies.....	2 00
319	..do....	W. F. Hardy.....	Seed.....	1 50
320	..do....	Rogers & Hall Co.....	Printing.....	255 85
321	..do....	Sengbusch Self-Closing Inkstand Co.....	Office supplies.....	24 00
322	..do....	Western Carbon & Ribbon Co.....	..do.....	27 19
323	..do....	D. O. Barto.....	Books.....	9 88
324	..do....	Frank Weeks.....	Moving tool shed.....	100 00
325	..do....	Chas. F. Witt.....	Repairs, etc.....	3 60
326	..do....	H. McFadden & Bros.....	Alfalfa seed.....	4 00
327	..do....	Standard Oil Co.....	Oil.....	4 80
328	..do....	E. T. Benjamin.....	Horseshoeing, etc.....	5 25
329	..do....	The Creamery Package Mfg. Co.....	General supplies.....	34 00
330	..do....	The Ohio & Western Lime Co.....	..do.....	5 10
331	..do....	Emerson-Brantingham Implement Co.....	Farm machinery.....	37 63
332	..do....	Fund Bros. Seed Co.....	General supplies.....	10 75
333	..do....	Henry J. Green.....	Laboratory apparatus.....	8 55
334	..do....	National Drain Tile Co.....	Drain tile.....	211 50
335	..do....	B. C. Ames Co.....	Laboratory apparatus.....	144 00
336	..do....	Weil Bros.....	Gauge glasses.....	5 40
337	..do....	Henry A. Dreer, Inc.....	Nursery stock.....	37 00
338	..do....	J. T. Ryerson & Son.....	Laboratory supplies.....	6 32
339	..do....	Gulick Tailoring Co.....	Canvas bags.....	12 60
340	..do....	American LaFrance Fire Engine Co.....	Apparatus.....	2 32
341	..do....	Ideal Construction Co.....	Machinery repairs.....	190 00
342	..do....	Armour & Co.....	Laboratory supplies.....	2 00
343	..do....	Western Lumber Co.....	Building materials.....	65 00
344	..do....	American Cutlery Co.....	Spatulas.....	30 95
345	..do....	Whiting Paper Co.....	Office supplies.....	28 80
346	..do....	Wm. H. Browne.....	Bills paid in cash.....	102 13
347	July 29	Henry Rahn, Decorator.....	Decorating.....	146 00
348	..do....	Twin City Printing Co.....	Office supplies, etc.....	14 10
349	..do....	Frison Carriage Shop.....	Repairs.....	4 00
350	..do....	J. W. Butler Paper Co.....	Office supplies.....	14 18
351	..do....	Percival & Moorehead.....	Supplies, materials.....	1 20
352	..do....	The Chas. A. Hall Hardware Co.....	Fencing, supplies.....	27 22
353	..do....	Flanigan-Pearson Co.....	Supplies.....	9 50
354	..do....	The Alexander Lumber Co.....	Lime, lumber.....	39 70

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
355	July 29	John H. Doyle.....	General supplies.....	\$ 7 43
356	do.	D. H. Lloyd.....	Supplies.....	20 89
357	do.	The Taylor Hardware Co.....	Building materials.....	5 65
358	do.	The Chester Transfer Co.....	Drayage.....	56 34
359	do.	The Creamery Package Mfg. Co.....	Laboratory apparatus.....	30 64
360	do.	Morrison, Plummer & Co.....	Chemicals.....	39 15
361	do.	Twin City Roofing & Sheet Metal Works	Laboratory apparatus.....	60 75
362	do.	F. M. Foltz.....	General supplies.....	1 25
363	do.	American Wood Working Machinery Co.	Tools.....	4 50
364	do.	Ideal Electric Co.....	Rentals.....	3 50
365	do.	F. M. Giles, Principal.....	Photographs.....	1 00
366	do.	C. A. Denman.....	Painting.....	205 00
367	do.	Satterlee & Binns.....	Reporting.....	32 00
368	do.	Herbert W. Mumford.....	Traveling expenses.....	9 34
369	do.	W. H. Smith.....	do.....	8 89
370	do.	James H. Rhodes & Co.....	General supplies.....	11 55
371	do.	Scott Paper Co.....	do.....	18 64
372	do.	Southern Illinois Penitentiary.....	General supplies.....	23 35
373	do.	A. H. Barber Creamery Supply Co.....	Parchment wrappers.....	20 00
374	do.	The Electric Paint & Varnish Co.....	General supplies.....	87 75
375	do.	Spalding & Quirk.....	Laboratory apparatus.....	1 60
376	do.	Twin City Ice & Cold Storage Co.....	Ice.....	3 75
377	do.	Frison Brothers.....	Window rods.....	7 20
378	do.	R. W. Dickenson.....	Traveling expense.....	34 26
379	do.	Contest butter furnished University of Ill- inois Dairy, July 25, 1913.....	Butter.....	86 44
380	July 30	O. E. Staples, Bursar.....	Office supplies.....	238 48
381	do.	O. E. Staples, Bursar.....	Sundry bills paid.....	185 27
382	do.	P. Adams.....	Hauling.....	34 00
383	do.	The Bulletin of Pharmacy.....	Advertising.....	7 50
384	do.	Pittsburgh Plate Glass Co.....	Glass.....	2 75
385	do.	Central Union Telephone Co.....	Service.....	44 45
386	do.	John H. Doyle.....	Materials.....	1 38
387	do.	Bennett's Newspaper & Magazine Agency	Subscription.....	1 50
388	do.	Illinois State Reformatory.....	Envelopes.....	88 60
389	July 31	D. H. Lloyd.....	Office supplies.....	3 82
390	do.	The U. of I. Supply Store.....	do.....	13 12
391	do.	Cunningham Brothers.....	General supplies.....	13 05
392	do.	Alexander Lumber Co.....	Lumber.....	10 02
393	do.	Bacon Brothers.....	Supplies.....	8 00
394	do.	Barnhart Bros.....	Building materials.....	1 68
395	do.	Western Electric Co.....	Electric materials.....	65 99
396	do.	James B. Clow & Sons.....	Plumbing materials.....	3 05
397	do.	J. W. Butler Paper Co.....	Office supplies.....	37 13
398	do.	The Taylor Hardware Co.....	Supplies.....	19 29
399	do.	Jno. B. Bennett.....	Pipe.....	104 54
400	do.	Eisner Grocery Co.....	Supplies.....	19 22
401	do.	The Burr Co.....	Repairs.....	6 05
402	do.	S. E. Huff & Co.....	Lumber.....	24 45
403	do.	Albert Pick & Co.....	Supplies.....	2 41
404	do.	Chester Transfer Co.....	Sponges.....	5 50
405	do.	Burroughs Adding Machine Co.....	Repairs, etc.....	3 00
406	do.	Champaign Seed Co.....	Seed.....	1 20
407	do.	D. T. Dobbins.....	Grinding.....	4 75
408	do.	German Kali Works, Inc.....	Gas supplies.....	102 54
409	do.	Corn Products Refining Co.....	Meal.....	31 25
410	do.	Champaign Ice Cream Co.....	Supplies.....	23 25
411	do.	Standard Oil Co.....	Oil.....	6 00
412	do.	E. T. Benjamin.....	Repairs.....	4 35
413	do.	Electric Appliance Co.....	Laboratory supplies.....	7 00
414	do.	Chas. E. Mueller & Co.....	Ice coupons.....	30 00
415	do.	G. Cramer Dry Plate Co.....	Soda.....	9 72
416	do.	A. C. McClurg & Co.....	Book.....	3 36
417	do.	D. M. Sims.....	Grading.....	20 00
418	do.	General Electric Co.....	Fan motors.....	16 30
419	do.	George E. Wright.....	Traveling expense.....	93 40
420	do.	R. L. Polk & Co.....	Book.....	10 00
421	do.	The Fitch Dustdown Co.....	Supplies.....	24 00
422	do.	National Carton Co.....	Cartons.....	47 25
423	do.	The Western Union Telegraph Co.....	Service.....	4 81
424	do.	Eimer & Amend.....	Chemical apparatus.....	36 30
425	do.	The Saffell Co.....	Supplies.....	45
426	do.	H. C. Wheeler.....	Traveling expenses.....	103 90
427	do.	F. W. Wascher.....	do.....	49 19
428	do.	Weil Brothers.....	Plumbing materials.....	13 90
429	do.	Bradner, Smith & Co.....	General supplies.....	87 00
430	do.	Williams Brothers.....	Lamp black.....	1 25
431	do.	Louis Ely & Co.....	Repairs, etc.....	8 50
432	do.	The Cleveland Punch & Shear Works Co.	Laboratory apparatus.....	20 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
433	July 31	Buffalo Meter Co.....	Plumbing materials.....	\$ 3139
434	..do..	E. E. Lewis.....	Lecture.....	10 00
435	..do..	J. D. White, Clerk of Postal Station.....	Postage.....	230 00
436	Aug. 1	Central Union Telephone Co.....	Service.....	20 50
437	..do..	Alexander Lumber Co.....	Lumber.....	98 17
438	..do..	Central Electric Co.....	Electrical materials.....	60 89
439	..do..	The Burr Co.....	Machinery, guards.....	71 00
440	..do..	The Taylor Hardware Co.....	Building materials.....	9 00
441	..do..	Postal Telegraph-Cable Co.....	Service.....	1 82
442	..do..	H. Mueller Mfg. Co.....	Plumbing materials.....	17 56
443	..do..	Spencer Lens Co.....	Laboratory apparatus.....	37 31
444	..do..	H. L. Gannett.....	Inspection.....	62 50
445	..do..	Frank L. Brown.....	Traveling expenses.....	5 20
446	..do..	C. H. Brownell.....	Building materials.....	60 00
447	..do..	Fuller & Fuller Co.....	Supplies.....	12 27
448	..do..	Bryan-Marsh Electric Works.....	..do..	35 50
449	..do..	The Field & Shorb Co.....	General supplies.....	8 82
450	..do..	Standard Oil Co.....	Oil.....	6 09
451	..do..	The U. S. Electrical Tool Co.....	Machinery.....	52 92
452	..do..	Bacon Brothers.....	Paint supplies.....	5 00
453	..do..	E. H. Sargent & Co.....	Laboratory supplies.....	39 75
454	..do..	James B. Clow & Sons.....	Conduit pipe.....	2 80
455	..do..	General Electric Co.....	Fan, etc.....	12 20
456	..do..	Central Union Telephone Co.....	Telephone rental.....	156 00
457	..do..	Hunter, Rourke & Co.....	Lumber.....	170 00
458	..do..	The National Engineer.....	Advertising.....	4 00
459	..do..	Sanford Mfg. Co.....	Office supplies.....	52 15
460	Aug. 4	Pay roll.....		16,664 12
		Anderson, J. C.....	Salary, July, 1913.....	\$ 70 00
		Andrews, J. B.....	..do..	50 00
		Badger, C. J.....	..do..	40 00
		Beaumont, G. S.....	..do..	45 00
		Burwash, A. E.....	..do..	55 00
		Campbell, C. A.....	..do..	65 00
		Carlson, M. R.....	..do..	27 50
		Carmichael, W. J.....	..do..	75 00
		Cate, H. A.....	..do..	74 00
		Chapman, C. C.....	..do..	100 00
		Crouch, H. E.....	..do..	115 00
		DeWert, H. A.....	..do..	55 00
		Engle, W. J.....	..do..	70 00
		Ellis, O. E.....	..do..	60 00
		Fahrnkopf, H. F. T.....	..do..	60 00
		Fullenwider, T.....	..do..	55 00
		Gault, F. W.....	..do..	90 00
		Gentle, C. E.....	..do..	60 00
		Gilkerson, H. C.....	..do..	60 00
		Grantham, G. M.....	..do..	50 00
		Harry, W. L.....	..do..	33 33
		Heck, A. F.....	..do..	50 00
		Hinkley, G. M.....	..do..	50 00
		Hoffman, R. W.....	..do..	70 00
		Jones, Garfield.....	..do..	60 00
		Lankford, John.....	..do..	60 00
		Lanham, E. T.....	..do..	100 00
		Lawson, H. C.....	..do..	55 00
		McGeel, O. M.....	..do..	45 00
		Nogle, George.....	..do..	70 00
		Palfrey, John R.....	..do..	75 00
		Partridge, N. L.....	..do..	60 00
		Pine, Fred.....	..do..	75 00
		Radebaugh, G. A.....	..do..	100 00
		Reed, Alice.....	..do..	55 00
		Rigg, C. L.....	..do..	40 00
		Romine, J. F.....	..do..	40 00
		Sayre, C. B.....	..do..	70 00
		Schwartz, Otto.....	..do..	60 00
		Scroggins, D. L.....	..do..	50 00
		Sims, Flora M.....	..do..	33 33
		Smith, F. A. C.....	..do..	125 00
		Smith, J. F.....	..do..	65 00
		Smith, R. S.....	..do..	55 00
		Snider, H. J.....	..do..	42 30
		Stevenson, D. H.....	..do..	17 00
		Stocker, Cornelius.....	..do..	33 33
		Thomas, Melvin.....	..do..	65 00
		Torgerson, E. F.....	..do..	50 00
		Walters, Philip.....	..do..	75 00
		Argo, Roy.....	Wages, July, 1913.....	55 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
460 Ctd.	1913. Aug. 4	Arrington, C. E.	Wages, July, 1913.....	\$ 65 10
		Atwell, M. W.	do.	62 37
		Bailey, J. E.	do.	58 80
		Barnes, V. R.	do.	97 20
		Barto, Lucy M.	do.	20 00
		Berbaum, E. R.	do.	66 00
		Bevis, A.	do.	143 00
		Brannigan, John.	do.	52 85
		Brown, Basil.	do.	70 08
		Brown, Harry.	do.	62 37
		Bullock, D. M.	do.	65 32
		Ceduskey, John.	do.	81 84
		Chaplin, Ralph.	do.	60 00
		Conley, M. J.	do.	75 00
		Cook, Jesse.	do.	55 00
		Crathorne, F.	do.	87 75
		Crawford, T. P.	do.	50 00
		Cunningham, F.	do.	114 75
		Custer, Emma L.	do.	70 00
		Davis, Jos.	do.	71 61
		Dibble, E. P.	do.	86 02
		Donohue, L.	do.	55 00
		Downing, H.	do.	59 85
		Fay, T. J.	do.	96 10
		Fender, Fred.	do.	78 90
		Fender, Louie.	do.	67 98
		Fiscus, J. J.	do.	63 48
		Fogarty, F.	do.	54 00
		Fogarty, W.	do.	56 00
		Fox, Guy.	do.	71 66
		Freeman, C. Y.	do.	60 69
		Gage, Marjorie H.	do.	65 00
		Graybeal, W. H.	do.	65 10
		Halliday, Mabel.	do.	60 00
		Hamlin, Sell.	do.	54 00
		Hanson, Samuel.	do.	72 50
		Hargen, E.	do.	72 38
		Harolle, Claude.	do.	40 00
		Henderson, T. O.	do.	108 30
		Hill, Charles.	do.	99 63
		Hixon, W. G.	do.	54 00
		Hough, William.	do.	83 33
		Hutton, Ross.	do.	65 78
		Irvine, Frank.	do.	77 00
		Irvine, Jas.	do.	56 00
		Jenkins, Elmer.	do.	60 00
		Jones, Margaret.	do.	45 90
		Jones, Sadie.	do.	50 00
		Justus, E. W.	do.	108 00
		Kelley, J. R.	do.	52 50
		Lahr, L. D.	do.	50 00
		Langhoff, A.	do.	84 50
		Langhoff, Fred.	do.	62 10
		Lewis, E. C.	do.	76 02
		Litton, A. C.	do.	52 92
		Long, Thomas.	do.	84 51
		McAllister, A. J.	do.	77 28
		McClughen, Frances.	do.	45 90
		McCulough, James.	do.	63 14
		McIntire, W. A.	do.	50 00
		McIntosh, Winifred.	do.	10 00
		Magnuson, A. O.	do.	80 00
		Mahorney, H. H.	do.	69 00
		Meenach, Earl.	do.	60 00
		Meenach, O. E.	do.	68 77
		Meenach, O. E.	do.	10 00
		Meneely, Dan.	do.	65 55
		Meyers, Jesse.	do.	63 94
		Miller, C. M.	do.	32 13
		Millar, Mary.	do.	65 00
		Moran, A.	do.	72 50
		Morgan, J. E.	do.	54 00
		Morgan, Rebecca.	do.	45 90
		Murphey, Ruthe.	do.	62 64
		Nagle, Sybil.	do.	25 00
		Newton, J. R.	do.	74 88
		Nikolaus, Jacob.	do.	65 10
		Perry, F. M.	do.	63 94
		Pritchard, R.	do.	60 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
460 Ctd.	1913. Aug.	4 Pritchard, H.	Wages, July, 1913.....	\$ 65 00
		Pulling, Elizabeth.....	do.....	41 11
		Purkins, J. F.....	do.....	61 60
		Quinn, William.....	do.....	72 03
		Rhoads, Hazel.....	do.....	60 00
		Richards, Ed.....	do.....	104 16
		Ryan, Mary E.....	do.....	45 90
		Servis, A.....	do.....	65 55
		Sinclair, C. R.....	do.....	54 00
		Smith, W. J.....	do.....	120 95
		Snyder, J.....	do.....	54 00
		Sprinkle, D. C.....	do.....	50 00
		Stateler, F.....	do.....	73 48
		Stoneburner, A. J.....	do.....	50 00
		Stricklan, Freda O.....	do.....	65 00
		Swearingen, Ralph.....	do.....	30 00
		Templin, William.....	do.....	90 75
		Tillotson, I. F.....	do.....	67 68
		Toy, George.....	do.....	74 06
		Turner, George.....	do.....	68 31
		Warmbier, August.....	do.....	84 60
		Wilde, William.....	do.....	96 10
		Wilson, Frank.....	do.....	40 60
		Wharmby, Ed.....	do.....	69 23
		Wheeler, H. H.....	do.....	70 00
		White, Loretto.....	do.....	65 00
		Atkinson, O. G.....	do.....	47 50
		Booher, M. C.....	do.....	93 20
		Booker, A. J.....	do.....	93 20
		Boswell, James.....	do.....	42 17
		Boyer, G. W.....	do.....	66 78
		Brown, C. F.....	do.....	45 00
		Brown, E. J.....	do.....	45 00
		Buckels, Mildred E.....	do.....	65 00
		Campbell, Mathew.....	do.....	54 00
		Carothers, Cevilla.....	do.....	41 04
		Carson, Rolla S.....	do.....	57 40
		Coffey, J. H.....	do.....	50 00
		Collins, A. L.....	do.....	37 40
		Cole, H. W.....	do.....	8 20
		Cover, Hazel.....	do.....	60 00
		Crackel, Anna B.....	do.....	37 00
		Crawford, R. W.....	do.....	20 00
		Cunningham, Perley.....	do.....	34 39
		Cunningham, Roy.....	do.....	31 92
		Curry, Florence J.....	do.....	30 00
		David, Simon.....	do.....	40 00
		Deckert, William.....	do.....	30 00
		Duhamel, J. W.....	do.....	10 50
		Dunseth, C. A.....	do.....	92 00
		Durman, Ben.....	do.....	47 50
		Eaton, Ralph.....	do.....	38 00
		Ellis, E. R.....	do.....	45 83
		Engle, Lawrence.....	do.....	47 50
		English, B. F.....	do.....	60 72
		Ensor, Russell.....	do.....	47 20
		Fetchrup, Herman.....	do.....	52 00
		Feldkamp, Amelia.....	do.....	40 00
		Fiscus, J. C.....	do.....	79 20
		Franklin, F. T.....	do.....	60 06
		Frizzell, L. F.....	do.....	45 00
		Gallaher, Marion B.....	do.....	40 00
		George, Elia.....	do.....	40 00
		Glenn, V. S.....	do.....	53 20
		Griffin, G. C.....	do.....	62 00
		Gunlock, Chas.....	do.....	31 33
		Hawkins, Clyde.....	do.....	34 00
		Heath, William.....	do.....	50 00
		Heinz, L. T.....	do.....	17 00
		Hensel, Etta.....	do.....	35 00
		Higgins, Harry.....	do.....	81 00
		Hooker, Fred.....	do.....	21 60
		Hoover, F. F.....	do.....	65 78
		Hoselton, Nancy.....	do.....	75 00
		Hunter, J. W.....	do.....	60 00
		Jay, Edith.....	do.....	56 00
		Johnson, A. L.....	do.....	17 00
		Johnson, C. C.....	do.....	65 10
		Klefm, Gordon.....	do.....	50 00



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
460 Ctd.	1913. Aug. 4	Kleim, J. A. J. ....	Wages, July, 1913.....	\$ 72 03
		Langhoff, William.....	do.....	63 48
		Lanham, Roy B.....	do.....	15 00
		Leonard, Russell.....	do.....	27 15
		Long, J. F.....	do.....	67 20
		Manley, Verna.....	do.....	47 00
		Markham, Kenneth.....	do.....	21 18
		May, U. G.....	do.....	52 00
		Mink, George.....	do.....	47 50
		Mink, J. D.....	do.....	50 00
		Moore, R. E.....	do.....	50 00
		Moore, C. P.....	do.....	46 00
		Mount, Harold.....	do.....	50 00
		Nelson, C. Q.....	do.....	54 20
		Nesbit, Lawrence.....	do.....	50 00
		Peterson, Nick.....	do.....	50 00
		Redman, Louise E.....	do.....	50 00
		Reed, B. J.....	do.....	61 60
		Reynolds, Elizabeth.....	do.....	40 00
		Riggs, Bess.....	do.....	30 00
		Sandwell, Martin.....	do.....	81 20
		Sayer, Clint.....	do.....	35 00
		Schultz, Fred.....	do.....	20 25
		Shaffer, Guy.....	do.....	50 00
		Smith, Harry S.....	do.....	80 00
		Snook, Orval.....	do.....	64 05
		Snyder, T. B.....	do.....	51 40
		Sowers, A. L.....	do.....	34 00
		Sparks, Marion.....	do.....	42 25
		Speedie, A. C.....	do.....	50 80
		Stearns, L. M.....	do.....	65 10
		Surbaugh, C. A.....	do.....	51 60
		Thomson, H. L.....	do.....	58 80
		Turner, Chester.....	do.....	50 00
		Vanderbeck, H. J.....	do.....	43 60
		Vandeverter, J. H.....	do.....	90 00
		Varner, Elmer.....	do.....	47 50
		Wilson, Wesley.....	do.....	82 00
		Wright, Amos.....	do.....	68 00
		Wright, G. E.....	do.....	125 00
		Allen, E. V.....	do.....	1 90
		Anderson, Isabella.....	do.....	32 10
		Boettiger, L. A.....	do.....	36 05
		Bowen, Evalena.....	do.....	65 00
		Broadhurst, E. Maurey.....	do.....	11 60
		Brown, Rea.....	do.....	25 25
		Brown, Wayne.....	do.....	47 00
		Burt, Ruth.....	do.....	50 00
		Carney, Mary.....	do.....	15 50
		Craig, E. E.....	do.....	37 67
		Danielson, R. R.....	do.....	70 75
		Doisey, E. A.....	do.....	34 00
		Earhart, C. M.....	do.....	27 90
		Engle, Ralph.....	do.....	55 00
		Fellows, J. D.....	do.....	56 00
		Furakawa, S.....	do.....	57 50
		Gibson, Mabel.....	do.....	6 25
		Gibson, Mabel.....	do.....	15 00
		Glover, R. C.....	do.....	75 00
		Hakanson, Eric.....	do.....	25 00
		Halliday, Ruth.....	do.....	11 10
		Hare, F. C.....	do.....	45 00
		Higgins, Max B.....	do.....	68 25
		Hiskey, George.....	do.....	40 00
		Hubbard, Eleanor.....	do.....	25 80
		Kazer, J. J.....	do.....	12 80
		Kelley, R. L.....	do.....	100 00
		Kercher, Otis.....	do.....	27 30
		Kirk, Elizabeth.....	do.....	13 10
		Lee, Carrie.....	do.....	17 25
		McKaskill, K. A.....	do.....	25 03
		McVay, T. N.....	do.....	53 75
		Mason, A. H.....	do.....	17 00
		Meyer, G. W.....	do.....	61 40
		Mitchell, Grace.....	do.....	22 00
		Mitchell, Eva.....	do.....	23 63
		Myers, Rachel.....	do.....	10 00
		Nelson, C. R.....	do.....	58 20
		Osborne, Pauline.....	do.....	26 70

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
460	1913.			
<i>Ctd.</i>	Aug.	4		
		Peyrant, A.	Wages, July, 1913.	\$11 10
		Prickett, A. L.	do.	68 60
		Proesel, W. J.	do.	37 50
		Rand, C. C.	do.	60 00
		Ritchey, R. W.	do.	15 00
		Roberts, Nellie	do.	29 80
		Skemp, S. C.	do.	17 25
		Smith, M. J.	do.	12 12
		Snapp, R. R.	do.	50 00
		Wagner, R. R.	do.	28 00
		Warinner, C. W.	do.	62 50
		Wheeler, R. C.	do.	10 35
		White, S. S.	do.	47 75
		Wilford, E. J.	do.	50 00
		Wilkins, Stanley	do.	40 00
		Earhart, C. M.	do.	10 50
		Meyer, G. W.	do.	25 80
		Peyrand, A.	do.	27 00
461	do.	Fred Bockelmann.	Expenses	\$ 17 69
462	do.	P. J. Foley	Payment on contract.	1,530 00
463	do.	V. L. Parker	Butter	4 75
464	do.	H. Y. Carson	Salary	125 00
465	do.	The Parks Orchestra.	Orchestra.	10 50
466	do.	A. S. Clark	Books	6 23
467	do.	The Chicago Real Estate Board	Valuation certificate.	65 60
468	do.	Nancy A. Hoselton	Traveling expenses	3 10
469	do.	John W. Lloyd	do.	5 70
470	do.	Carroll Badger	do.	5 09
471	do.	S. V. Holt	Field expense.	247 80
472	do.	B. S. Pickett	Traveling expenses	21 70
473	do.	J. J. Gardner	Traveling expenses	17 65
474	do.	J. W. Lloyd	do.	39 60
475	do.	F. A. Fisher	do.	34 70
476	Aug.	7		
477	do.	D. H. Lloyd	Office supplies.	6 85
478	do.	Barnhart Bros.	Farm machinery.	1 00
479	do.	Illinois State Reformatory.	Advertisements	2 25
480	do.	Alexander Lumber Co.	Building material	1 53
481	do.	John H. Doyle	General supplies.	1 50
482	do.	Frank Morgan	Field expenses.	80 00
483	do.	Louis Ely & Co.	Farm machine repairs.	4 00
484	do.	Robert Essex Incubator Co.	Incubator and heater	19 04
485	do.	John V. Farwell & Co.	Supplies.	36 29
486	do.	O. M. McGhee.	Traveling expenses.	26 70
487	do.	R. W. Dickenson	Field expenses.	48 05
488	do.	F. W. Wascher	do.	48 63
489	do.	F. A. Fisher	do.	31 05
490	do.	Hunter, Rourke & Co.	Lime	1 15
491	do.	Weil Brothers.	Apparatus repairs.	10 58
492	do.	Cunningham Brothers.	Enamel	3 15
493	do.	Geo. B. Carpenter & Co.	Awnings.	43 59
494	do.	Norton Co.	Laboratory supplies.	1 89
495	do.	Ernst Leitz	Laboratory apparatus.	143 25
496	do.	Cushman & Denison Mfg. Co.	Office supplies.	9 00
497	do.	Henry Rahm.	Building repairs.	50 00
498	do.	Peck & Hills Furniture Co.	Table	3 50
499	do.	J. B. Lyon Co.	United States Official Postal Guide.	3 50
500	do.	Central Scientific Co.	Laboratory apparatus.	7 13
501	do.	Builders Iron Foundry	do.	270 00
502	do.	Central Electric Co.	Electric supplies.	45 83
503	do.	Eisner Grocery Co.	Ivory soap.	19 50
504	do.	Field & Shorb Co.	Steam supplies.	87 50
505	do.	Library Bureau	Office supplies.	24 00
506	do.	Standard Oil Co.	General supplies.	11 20
507	do.	W. R. Bradley	Lectures.	200 00
508	do.	J. T. Baker Chemical Co.	Entertainment.	36 10
509	do.	Lewis Electric Supply Co.	Laboratory supplies.	765 08
510	do.	Alumni Assn.	Building materials.	3 45
511	do.	Urbana & Champaign Ry. Gas & Electric Co.	Advertising	6 50
512	do.	J. W. Butler Paper Co.	Gas and electrical supplies.	100 30
513	do.	Mallory & Mitchell.	Office supplies.	58 82
514	do.	Twin City Roofing & Sheet Metal Works	Advertising	110 25
515	do.	Ideal Electric Co.	Building materials.	24 35
516	do.	E. H. Sargent & Co.	Steam supplies.	22 18
517	do.	Reliable Plumbing & Heating Co.	Laboratory supplies.	537 18
			Materials.	6 53

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
518	Aug. 7	U. of I. Supply Store.....	Office equipment.....	\$ 23 35
519	..do..	The Burr Co. ....	Laboratory supplies.....	16 39
520	..do..	Bacon Brothers.....	Repairs.....	9 42
521	..do..	General Electric Co. ....	Laboratory apparatus.....	4 72
522	..do..	Frank Hawley, Contractor.....	Contracts.....	2,720 00
523	..do..	F. W. Gault.....	Field expenses.....	119 36
524	..do..	Howard J. Snider.....	Traveling expenses.....	17 26
525	..do..	.....	Services.....	285 00
526	..do..	F. W. Garrett.....	Traveling expenses.....	49 32
527	..do..	Harrison Fahrnkopf.....	Field expenses.....	75 71
528	..do..	Harry C. Gilkerson.....	Traveling expenses.....	42 38
529	..do..	S. V. Holt.....	Field expenses.....	72 07
530	..do..	George M. Hinkley.....	Traveling expenses.....	23 13
531	..do..	Alfred J. Gunderson.....	..do..	8 39
532	..do..	O. S. Watkins.....	..do..	31 15
533	..do..	H. C. Wheeler.....	Field expenses.....	52 67
534	..do..	George M. Hinkley.....	..do..	53 60
535	..do..	Chas. A. Hall Hardware Co. ....	Castors.....	2 93
536	..do..	Eisner Grocery Co. ....	General supplies.....	5 60
537	Aug. 8	George W. Matheny.....	Field expenses.....	31 05
538	..do..	Henry Pfau.....	..do..	43 00
539	..do..	J. W. Dow.....	..do..	42 50
540	..do..	Tower Mfg. & Novelty Co. ....	Office supplies.....	2 11
541	..do..	Barnhart Brothers.....	Building materials.....	2 36
542	..do..	American Steel & Wire Co. ....	Fencing.....	86 30
543	..do..	Eastern Moline Plow Co. ....	Farm machinery.....	98 39
544	..do..	Marblehead Lime Co. ....	General supplies.....	6 36
545	..do..	C. B. Moore Lumber Co. ....	Fencing.....	48 34
546	..do..	George Wheeler.....	Hay.....	59 96
547	..do..	Southern Illinois Penitentiary.....	General supplies.....	44 55
548	..do..	Swift & Co. ....	..do..	39 73
549	..do..	Morrill & Morley Mfg. Co. ....	Apparatus repairs.....	1 75
550	..do..	J. C. Gabel & Co. ....	General supplies.....	4 96
551	..do..	H. P. Stinespring.....	Oil meal.....	565 12
552	..do..	Twin City Creamery Co. ....	General supplies.....	42 10
553	..do..	Bryan-Marsh Electric Works.....	..do..	31 95
554	..do..	Creamery Package Mfg. Co. ....	Laboratory supplies.....	6 48
555	..do..	Dryer & Burt.....	Feed.....	226 60
556	..do..	H. McFadden Bros.....	Oil meal.....	17 50
557	..do..	Louis Ely & Co. ....	Machinery repairs.....	2 70
558	..do..	Fuller & Fuller Co. ....	General supplies.....	3 60
559	..do..	Hawblin Plumbing Co. ....	Plumbing repairs.....	12 28
560	..do..	Heath & Milligan Mfg. Co. ....	General supplies.....	7 20
561	..do..	Chicago Towel Co. ....	Laundry.....	24 00
562	..do..	Pratt & Cady Co. ....	Engine repairs.....	3 38
563	..do..	Commonwealth Edison Co. ....	Electrical power.....	7 35
564	..do..	Robert Slade.....	Wells.....	25 00
565	..do..	Ideal Electric Co. ....	Electric materials.....	1 63
566	..do..	T. F. McGraw.....	Coal.....	18 01
567	..do..	A. H. Barber Creamery Supply Co. ....	Drawing and zinc etching of design for butter wrappers.....	4 00
568	..do..	Crosby Steam Gage & Valve.....	Laboratory apparatus.....	761 43
569	..do..	C. E. Durst.....	Traveling expenses.....	14 24
570	..do..	O. S. Watkins.....	..do..	26 26
571	..do..	H. C. Lawson.....	..do..	10 07
572	..do..	M. R. Carlson.....	..do..	24 13
573	..do..	H. A. Cate.....	..do..	5 31
574	..do..	B. E. Powell.....	..do..	15 11
575	..do..	Taylor Hardware Co. ....	Building materials.....	2 34
576	..do..	Illinois State Reformatory.....	Stationery.....	55 20
577	..do..	A. C. McClurg & Co. ....	Office supplies.....	14 08
578	..do..	William Anton, Sr.....	Field expenses.....	75 47
579	..do..	C. E. Durst.....	..do..	75
580	..do..	O. S. Watkins.....	..do..	3 32
581	..do..	Alfred J. Gunderson.....	..do..	18 22
582	..do..	C., C., C. & St. L. R. R. Co. ....	Freight and express.....	5 55
583	..do..	D. H. Lloyd.....	General supplies.....	6 57
584	..do..	Knowlton & Bennett.....	..do..	4 00
585	..do..	Burr Co. ....	Apparatus repairs.....	4 75
586	..do..	John H. Doyle.....	General supplies.....	3 90
587	..do..	Urbana & Champaign Ry., Gas & Elec- tric Co. ....	Gas and electrical supplies.....	114 50
588	..do..	Eisner Grocery Co. ....	Ivory soap.....	2 30
589	..do..	F. K. Robeson.....	General supplies.....	3 75
590	..do..	Cyril G. Hopkins.....	Traveling expenses.....	11 37
591	Aug. 9	W. B. Day, Actuary.....	Sundry bills paid.....	98 65
592	..do..	The Letter Shop.....	Stenographic work.....	2 60
593	..do..	R. J. Lyons.....	Labor.....	33 60
594	..do..	Burroughs Adding Machine Co. ....	Adding machine.....	412 50

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
595	Aug 9	Mallory & Mitchell.....	Advertising.....	\$ 117 63
596	..do..	A. L. Moats.....	Field expenses.....	30 80
597	..do..	George W. Matheny.....	..do..	16 15
598	..do..	J. W. Smith.....	..do..	51 30
599	..do..	C. W. Crabtree.....	..do..	40 95
600	..do..	Alfred Bergren.....	..do..	63 85
601	..do..	J. E. Whitchurch.....	..do..	16 70
602	..do..	Harrison Fahrnkopf.....	..do..	45 65
603	..do..	Charles A. Campbell.....	..do..	40 50
604	..do..	Charles A. Campbell.....	Traveling expenses.....	43 38
605	..do..	J. E. Whitchurch.....	..do..	23 14
606	..do..	O. S. Fisher.....	..do..	51 47
607	..do..	A. Floyd Heck.....	..do..	29 98
608	..do..	Payroll, (Civil Service).....		116 20
		Baker, Clarence.....	Wages, July, 1913.....	\$27 40
		Golden, Stanley.....	..do..	14 00
		McNutt, D. I.....	..do..	30 40
		Pollitt, Russell.....	..do..	18 40
		Wilkins, Ralph.....	..do..	26 00
609	Aug. 12	Marshall Field & Co., retail.....	Fixtures.....	16 00
610	..do..	Dearborn Chemical Co.....	Laboratory supplies.....	6 25
611	..do..	Roger S. Morris.....	Traveling expenses.....	43 95
612	..do..	E. H. Sargent & Co.....	Laboratory supplies.....	45
613	..do..	Ernst Hertzberg & Sons.....	Books.....	10 00
614	..do..	University Press.....	Publications.....	18 25
615	..do..	The Tablet & Ticket Co.....	Office supplies.....	92
616	..do..	Miller Harness Co.....	Pole strap.....	75
617	..do..	John Reichard.....	Corn.....	135 68
618	Aug. 13	Decatur Bridge Co.....	Steel.....	1,026 40
619	..do..	Frank Price, Contractor.....	Painting.....	379 75
620	..do..	United States Geological Survey.....	Sheets and folios.....	8 25
621	..do..	O. E. Staples, Bursar.....	Students pay roll.....	591 99
622	..do..	Wells-Abbott-Niemann Co.....	Feed.....	380 00
623	Aug. 14	Bacon Brothers.....	Building materials.....	8 36
624	..do..	Central Electric Co.....	Electric supplies.....	78 85
625	..do..	Chas. Hall Hardware Co.....	Oil cans.....	60
626	..do..	James B. Clow & Sons.....	Building repairs.....	53
627	..do..	Chicago Telephone Co.....	Services.....	13 84
628	..do..	Goodhart Laundry.....	Laundry.....	44 08
629	..do..	F. G. Hartwell Co.....	Supplies.....	140 22
630	..do..	V. Mueller & Co.....	Gloves.....	9 60
631	..do..	Knickerbocker Ice Co.....	Coupon book.....	14 00
632	..do..	Illinois State Reformatory.....	Letterheads and blanks.....	14 45
633	..do..	Fuller & Fuller Co.....	Laboratory supplies.....	13 79
634	..do..	Maas Bros.....	Building materials.....	14 01
635	..do..	Ahrens & Schreiner.....	Laboratory supplies.....	1 86
636	..do..	Western Union Telegraph Co.....	Services.....	1 75
637	..do..	Twin City Electric Co.....	Electric supplies.....	2 15
638	..do..	Central Union Telephone Co.....	Telegrams.....	1 40
639	..do..	Pitsenbarger Flynn.....	General supplies.....	3 60
640	..do..	W. Lewis & Co.....	Quart jars.....	2 20
641	..do..	Wm. Cooper & Nephews.....	General supplies.....	18 75
642	..do..	Spalding & Quirk.....	General supplies.....	3 60
643	..do..	Harry W. Grant.....	Supplies.....	22 20
644	..do..	Chicago Packing House.....	..do..	104 84
645	..do..	Western Kieley Steam Specialty Co.....	Building materials.....	8 40
646	..do..	Metzler & Schafer Co.....	Supplies.....	16 82
647	..do..	Western Electric Co.....	Electrical supplies.....	5 06
648	..do..	American Radiator Co.....	Building materials.....	18 22
649	..do..	Illinois State Reformatory.....	Letterheads.....	63 50
650	..do..	Library Bureau.....	Buff guides.....	66
651	..do..	Vaughan's Seed Store.....	Seeds.....	6 70
652	..do..	Knowlton & Bennett.....	Glue.....	3 13
653	..do..	Reliable Plumbing & Heating Co.....	Plumbing materials.....	28 02
654	..do..	Peck & Hills Furniture Co.....	Furniture.....	31 50
655	..do..	J. S. Reimund.....	Supplies.....	45 75
656	..do..	F. K. Robeson.....	Cheese cloth.....	6 73
657	..do..	Central Electric Co.....	Electrical supplies.....	56 48
658	..do..	William Imhoff.....	Carpenter work.....	28 80
659	..do..	H. W. Cole.....	..do..	33 00
660	..do..	Bert D. Coles.....	..do..	25 00
661	..do..	Inter-Ocean Newspaper Co.....	Advertising.....	1 60
662	..do..	Remington Typewriter Co.....	Typewriter supplies.....	4 00
663	..do..	C. C. & St. L. R. R. Co.....	Freight and express.....	5 46
664	..do..	Inter-Ocean Newspaper Co.....	Advertising.....	257 20
665	..do..	Western Fuel Co.....	Fuel.....	112 95
666	..do..	Milburn Wagon Co.....	Farm machinery.....	104 86
667	..do..	C. A. Denman, Contractor.....	Painting.....	615 00
668	Aug. 15	Illinois State Reformatory.....	Letterheads.....	156 00

OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
	1913.			
669	Aug. 15	McCray Refrigerator Co.....	Refrigerator.....	\$ 40 97
670	..do..	Eimer & Amend.....	Laboratory apparatus.....	195 00
671	..do..	Ottawa Silica Co.....	Sand.....	5 00
672	..do..	James B. Clow & Sons.....	Conduit pipe.....	10 50
673	..do..	J. F. Auld.....	Building materials.....	878 58
674	..do..	The Burr Co.....	..do.....	12 72
675	..do..	The Taylor Hardware Co.....	..do.....	7 74
676	..do..	The Taylor Hardware Co.....	..do.....	4 65
677	..do..	Central Electric Co.....	..do.....	24 57
678	..do..	Western Valve Co.....	Plumbing materials.....	12 82
679	..do..	Twin City Roofing & Sheet Metal Works.....	Building materials.....	28 50
680	..do..	Alexander Lumber Co.....	..do.....	102 43
681	..do..	Geo. B. Carpenter & Co.....	General supplies.....	16 64
682	..do..	Weil Brothers.....	..do.....	1 06
683	..do..	Rundle Spence Mfg. Co.....	Machinery.....	9 70
684	..do..	Tower Mfg. & Novelty Co.....	Office supplies.....	3 80
685	..do..	Vennegut Machinery Co.....	Laboratory supplies.....	34 74
686	..do..	Champaign & Urbana Water Co.....	Building repairs.....	4 00
687	..do..	Western Valve Co.....	Plumbing materials.....	168 38
688	..do..	Clifford Peterson.....	Tools.....	10 00
689	..do..	D. H. Lloyd.....	Laboratory apparatus.....	23 16
690	..do..	Illinois State Reformatory.....	Printing.....	28 05
691	..do..	Western Carbon & Ribbon Co.....	Office supplies.....	4 44
692	..do..	Borders, Chaffin & Co.....	Machinery.....	42 00
693	..do..	Farrar & Quinlan.....	Supplies.....	71 60
694	..do..	Bacon Brothers.....	Building materials.....	6 00
695	..do..	G. & W. Electric Specialty Co.....	Repairs and supplies.....	12 15
696	..do..	Barnhart Bros.....	Shades.....	68 00
697	Aug. 16	Stipes & Hecker.....	Supplies.....	10 25
698	..do..	Illinois State Reformatory.....	Permits.....	5 95
699	..do..	H. DeYoung.....	Supplies.....	1 05
700	..do..	L. K. House & Co.....	Potatoes.....	3 00
701	..do..	James B. Clow & Sons.....	Plumbing materials.....	43 49
702	..do..	John H. Doyle.....	Fencing.....	17 10
703	..do..	Reliable Plumbing & Heating Co.....	Plumbing materials.....	1 00
704	..do..	E. H. Sargent & Co.....	Laboratory apparatus.....	4 13
705	..do..	Miller Harness Co.....	Machine repairs.....	1 05
706	..do..	Martin Metz.....	..do.....	2 00
707	..do..	Central Electric Co.....	Electrical supplies.....	168 21
708	..do..	James B. Clow & Sons.....	Building materials.....	5 22
709	..do..	Mrs. Elsie Blaisdell.....	Supplies.....	3 46
710	..do..	A. S. Nelson & Sons.....	..do.....	2 90
711	..do..	Standard Oil Co.....	General supplies.....	4 50
712	..do..	L. C. Smith & Bros. Typewriter Co.....	Rental on typewriter.....	5 00
713	..do..	B. A. Strauch.....	Supplies.....	23 81
714	..do..	Meyer & Wenthe.....	Office supplies.....	4 63
715	..do..	G. E. Stechert & Co.....	Books.....	39 80
716	..do..	Max Weg.....	..do.....	4 00
717	..do..	J. T. Ryerson.....	Laboratory apparatus.....	64 36
718	..do..	Eimer & Amend.....	Laboratory supplies.....	13 40
719	..do..	Stipes & Hecker.....	General supplies.....	14 40
720	..do..	C. H. Brownell.....	Building materials.....	100 60
721	..do..	E. W. Sampson.....	Harness.....	12 00
722	..do..	H. C. Wheeler.....	Traveling expenses.....	58 88
723	..do..	Twin City Ice & Cold Storage Co.....	Supplies.....	8 00
724	..do..	Dallenbach Bros.....	..do.....	3 11
725	..do..	Electric Coal Co.....	General supplies.....	1,036 88
726	Aug. 19	Metzler & Schafer Co.....	Groceries.....	14 14
727	..do..	Knowlton & Bennett.....	Putty.....	1 00
728	..do..	The Taylor Hardware Co.....	Building materials.....	16 26
729	..do..	F. K. Robeson.....	Gold dust.....	21 10
730	..do..	Twin City Roofing & Sheet Metal Works.....	Building materials.....	5 66
731	..do..	Jno. B. Bennett.....	..do.....	62 81
732	..do..	Barnhart Bros.....	Sand paper.....	1 00
733	..do..	D. H. Lloyd.....	Rubber stamps.....	2 25
734	..do..	Cuninham Bros.....	Supplies.....	90
735	..do..	Hill Clarke & Co.....	Laboratory apparatus.....	345 00
736	..do..	Jolly, Wieland & Richardson Co.....	Machinery.....	52 10
737	..do..	Western Electric Co.....	Wire.....	11 59
738	..do..	Pratt & Whitney Co.....	Laboratory apparatus.....	40 27
739	..do..	Reliable Plumbing & Heating Co.....	Plumbing materials.....	22 59
740	..do..	Walker & Mulliken.....	Linoleum, carpet and paper.....	49 06
741	..do..	Twin City Creamery Co.....	Butter.....	6 16
742	..do..	Farrar & Quinlan.....	Groceries.....	12 45
743	..do..	Chicago Packing House Market.....	Meat.....	33 10
744	..do..	Martin Metz.....	Machine repairs.....	12 55
745	..do..	F. C. Hubbard.....	Fruit.....	4 00
746	..do..	J. S. Reimund.....	Supplies.....	23 70
747	..do..	Irving-Pitt Mfg. Co.....	Office supplies.....	2 05

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
748	Aug. 19	H. C. Augustus	Rent on land	\$ 25 00
749	do	G. O. Shields	Lectures	150 00
750	do	B. A. Strauch	Supplies	10 93
751	do	Weil Brothers	Plumbing materials	51 51
752	do	Central Electric Co.	Electric materials	69 57
753	do	J. F. Auld	Plastering	128 68
754	do	Inter Ocean Oil Co.	Oil	13 25
755	do	Barnhart Brothers	Tools	11 00
756	do	Mittendorf & Kiler	Supplies	35 87
757	do	Twin City Ice & Cold Storage Co.	General supplies	2 00
758	do	J. C. Thomas	do	4 50
759	do	N. T. Pierce	do	9 65
760	do	James B. Clow & Sons	Plumbing materials	18 35
761	do	Woldenberg & Schaar	Laboratory supplies	241 00
762	do	E. H. Sargent & Co.	do	157 60
763	Aug. 21	Pay roll		56,717 72
		Clark, C. R.	Salary, August, 1913	\$166 66
		Mann, F. M.	do	333 33
		Ricker, N. C.	do	291 66
		Wells, N. A.	do	208 33
		White, J. M.	do	333 33
		Lake, E. J.	do	150 00
		Stebbins, Joel	do	104 16
		Barlow, Bronson	do	150 00
		Rahn, Otto	do	166 66
		Hottes, C. F.	do	208 33
		Barrett, J. T.	do	58 33
		Hursh, R. K.	do	100 00
		Radcliffe, B. S.	do	60 00
		Stull, R. T.	do	225 00
		Balke, C. W.	do	153 33
		Derick, C. G.	do	141 66
		Kessler, Ernst	do	60 00
		Noyes, W. A.	do	333 33
		Parr, S. W.	do	291 66
		Smith, G. M.	do	133 32
		Washburn, E. W.	do	133 33
		Weber, H. C. P.	do	150 00
		Baker, I. O.	do	333 33
		Dufour, F. O.	do	166 66
		McDaniel, A. B.	do	208 33
		Malcolm, C. W.	do	150 00
		Smith, J. E.	do	125 00
		Barton, H. J.	do	250 00
		Canter, H. V.	do	166 66
		Moss, C. M.	do	250 00
		Oldfather, W. A.	do	229 16
		Pease, A. S.	do	208 33
		Frazer, George E.	do	300 00
		Fiero, E. E.	do	45 00
		Saxton, Olive F.	do	83 33
		Warnock, A. R.	do	125 00
		Strong, Lillian	do	50 00
		Bogart, E. L.	do	250 00
		Dewsnup, E. R.	do	250 00
		Duncan, J. C.	do	229 16
		Litman, Simon	do	133 33
		Robinson, M. H.	do	250 00
		Weston, N. A.	do	229 16
		Anderson, L. F.	do	208 33
		Bagley, W. C.	do	291 66
		Coffman, L. D.	do	250 00
		Miller, W. S.	do	125 00
		Berg, E. J.	do	333 33
		Brooks, Morgan	do	250 00
		Bryant, J. M.	do	133 33
		Paine, E. B.	do	208 33
		Waldo, E. H.	do	166 66
		Abrams, D. A.	do	133 33
		Chittenden, A. K.	do	229 16
		Kratz, A. F.	do	100 00
		McFarland, D. F.	do	150 00
		Slater, W. A.	do	125 00
		Vedder, T. N.	do	110 00
		Yensen, T. D.	do	100 00
		Moore, H. F.	do	208 33
		Alden, R. M.	do	333 33
		Baldwin, E. C.	do	150 00
		Clark, T. A.	do	416 66

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
763 Ctd.	1913. Aug. 21	Dodge, D. K.	Salary, August, 1913.	\$250 00
		Fulton, Edward	do.	175 00
		Guild, T. H.	do.	125 00
		Jones, H. S. V.	do.	150 00
		Paul, H. G.	do.	166 66
		Scott, F. W.	do.	183 33
		Sherman, S. P.	do.	266 66
		Zeitlin, Jacob	do.	125 00
		Folsom, J. W.	do.	166 66
		Forbes, S. A.	do.	41 66
		MacGillivray, A. D.	do.	208 33
		Miller, H. W.	do.	150 00
		Bayley, W. S.	do.	187 50
		Rolle, C. W.	do.	250 00
		Savage, T. E.	do.	166 66
		Brooks, N. C.	do.	200 00
		Flom, G. T.	do.	208 33
		Goebel, Julius	do.	270 83
		Lessing, O. E.	do.	233 33
		Meyer, G. H.	do.	208 33
		Bailey, Margaret L.	do.	50 00
		Kinley, David	do.	500 00
		Hollister, H. A.	do.	229 16
		Alvord, C. W.	do.	145 83
		Buck, S. J.	do.	116 66
		Ford, G. S.	do.	250 00
		Greene, E. B.	do.	375 00
		Larson, L. M.	do.	216 66
		Robertson, W. S.	do.	166 66
		Decker, E. H.	do.	250 00
		Green, Frederick	do.	291 66
		Hale, W. G.	do.	250 00
		Harker, O. A.	do.	333 33
		Pomeroy, J. N.	do.	183 33
		Vernier, C. G.	do.	291 66
		Wormser, I. M.	do.	183 33
		Babcock, K. C.	do.	416 66
		Bond, Ethel	do.	83 33
		Craig, Jennie A.	do.	75 00
		Curtis, Florence R.	do.	110 00
		Felsenthal, Emma	do.	75 00
		Simpson, Frances	do.	166 66
		Drury, F. K. W.	do.	166 66
		Dunlap, Fannie	do.	55 00
		Goulding, P. S.	do.	133 33
		Herdman, Margaret	do.	75 00
		Hodnefield, Jacob	do.	100 00
		Hutchins, Margaret	do.	75 00
		Janvrin, C. E.	do.	37 50
		Johnson, Alice	do.	70 00
		Jutton, Emma R.	do.	100 00
		Kaiser, J. B.	do.	100 00
		Karsten, (Mrs.) Eleanor G.	do.	100 00
		Kingsbury, Margaret L.	do.	75 00
		Windsor, P. L.	do.	250 00
		Wyeth, Ola M.	do.	75 00
		Patton, Adah	do.	83 33
		Branch, Nellie U.	do.	32 50
		Brown, Flora M.	do.	60 00
		Borger, R. L.	do.	125 00
		Crathorne, A. R.	do.	141 66
		Emch, Arnold	do.	166 66
		Lytte, E. B.	do.	133 33
		Miller, G. A.	do.	250 00
		Rietz, H. L.	do.	150 00
		Shaw, J. B.	do.	187 50
		Sisam, C. H.	do.	158 33
		Townsend, E. J.	do.	333 33
		Benedict, B. W.	do.	291 66
		Frisk, J. A.	do.	91 66
		Goodenough, G. A.	do.	250 00
		Leutwiler, O. A.	do.	200 00
		Richards, C. R.	do.	333 33
		Morse, B. C.	do.	48 00
		Lincoln, F. C.	do.	166 66
		Stoek, H. H.	do.	333 33
		Enger, M. L.	do.	166 66
		Fleming, V. R.	do.	125 00
		Habermeyer, G. C.	do.	141 66

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	Towhom.	For what.	Amount.
763 Ctd.	1913. Aug. 21	Talbot, A. N. ....	Salary, August, 1913. ....	\$ 333 33
		Mills, C. H. ....	do. ....	208 33
		Schwartz, G. F. ....	do. ....	158 33
		Clark, A. H. ....	do. ....	150 00
		Day, W. B. ....	do. ....	208 33
		Goodman, F. M. ....	do. ....	100 00
		Snow, C. M. ....	do. ....	150 00
		Bone, B. H. ....	do. ....	250 00
		Daniels, A. H. ....	do. ....	300 00
		Burge, W. E. ....	do. ....	166 66
		Huff, G. A. ....	do. ....	250 00
		Moulton, Gertrude. ....	do. ....	116 66
		Carman, A. P. ....	do. ....	333 33
		Knipp, C. T. ....	do. ....	208 33
		Kunz, Jakob. ....	do. ....	208 33
		Schulz, W. F. ....	do. ....	166 66
		Strong, E. T. ....	do. ....	95 00
		Watson, F. R. ....	do. ....	200 00
		Williams, E. H. ....	do. ....	125 00
		Filbey, E. J. ....	do. ....	166 66
		James, Edmund J. ....	do. ....	1,000 00
		Dodd, W. F. ....	do. ....	166 66
		Fairlie, J. A. ....	do. ....	250 00
		Garner, J. W. ....	do. ....	250 00
		Mathews, J. M. ....	do. ....	133 33
		Bentley, Madison. ....	do. ....	250 00
		Sutherland, A. H. ....	do. ....	150 00
		Buck, A. M. ....	do. ....	150 00
		Dunn, H. H. ....	do. ....	91 66
		McLean, A. H. ....	do. ....	80 00
		Marquis, F. W. ....	do. ....	75 00
		Schmidt, E. C. ....	do. ....	291 66
		Snodgrass, J. M. ....	do. ....	175 00
		Smith, Adelle C. ....	do. ....	60 00
		Beck, J. B. ....	do. ....	166 66
		Blondheim, D. S. ....	do. ....	116 66
		Carnahan, D. H. ....	do. ....	208 33
		Fitz-Gerald, J. D. II. ....	do. ....	208 33
		Oliver, T. E. ....	do. ....	208 33
		Seymour, A. R. ....	do. ....	166 66
		Hayes, E. C. ....	do. ....	233 33
		Todd, A. J. ....	do. ....	104 16
		Adams, C. C. ....	do. ....	137 50
		Carpenter, F. W. ....	do. ....	166 66
		Smith, Frank. ....	do. ....	208 33
		Ward, H. B. ....	do. ....	333 33
		Zeleny, Charles. ....	do. ....	208 33
		Barbour, F. L. ....	do. ....	25 00
		Dryer, G. P. ....	do. ....	100 00
		O'Byrne, C. C. ....	do. ....	100 00
		Rupert, R. R. ....	do. ....	100 00
		Carson, H. Y. ....	do. ....	125 00
		Allyn, Orr. ....	do. ....	70 00
		Bauer, F. C. ....	do. ....	125 00
		Burlison, W. L. ....	do. ....	100 00
		Fisher, O. S. ....	do. ....	166 74
		Gustafson, A. F. ....	do. ....	150 00
		Hegnauer, Leonard. ....	do. ....	250 00
		Hopkins, C. G. ....	do. ....	416 74
		Mosier, J. G. ....	do. ....	266 74
		Pettit, J. H. ....	do. ....	250 00
		Smith, L. H. ....	do. ....	250 00
		Stewart, H. W. ....	do. ....	150 00
		Whiting, A. L. ....	do. ....	125 00
		Gernert, W. B. ....	do. ....	125 00
		Park, J. B. ....	do. ....	150 00
		Aumer, J. P. ....	do. ....	150 00
		Binding, L. R. ....	do. ....	70 00
		Dickenson, R. W. ....	do. ....	70 00
		Fisher, F. A. ....	do. ....	83 37
		Garrett, F. W. ....	do. ....	83 37
		Holt, S. V. ....	do. ....	150 00
		Hoskins, E. E. ....	do. ....	150 00
		Keller, Oran. ....	do. ....	70 00
		Leighty, W. R. ....	do. ....	100 00
		Logan, C. C. ....	do. ....	150 00
		Neldermen, Gertrude. ....	do. ....	100 00
		Sachs, W. H. ....	do. ....	125 00
		Van Alstine, E. ....	do. ....	150 00



OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
763 <i>Ctd.</i>	1913. Aug. 21	Wascher, F. W. ....	Salary, August, 1913.....	\$ 83 37
		Whitchurch, J. E. ....	do. ....	150 00
		Wheeler, H. C. ....	do. ....	150 00
		Woodard, John. ....	do. ....	70 00
		Barto, D. O. ....	do. ....	166 74
		Bull, Sleeter. ....	do. ....	116 74
		Carmicheal, W. J. ....	do. ....	41 74
		Coffey, W. C. ....	do. ....	225 00
		Edmunds, J. L. ....	do. ....	166 74
		Grindley, H. S. ....	do. ....	291 74
		Hall, L. D. ....	do. ....	225 00
		Handschin, W. F. ....	do. ....	150 00
		Joseph, W. E. ....	do. ....	125 00
		Mumford, H. W. ....	do. ....	416 74
		Perry, Leonora. ....	do. ....	79 24
		Place, V. A. ....	do. ....	83 37
		Rusk, H. P. ....	do. ....	175 00
		Wells, J. R. ....	do. ....	70 00
		Yoke, J. J. ....	do. ....	83 37
		Smith, W. H. ....	do. ....	108 37
		Evans, Augusta D. ....	do. ....	83 37
		Nolan, A. W. ....	do. ....	200 00
		Rankin, F. H. ....	do. ....	250 00
		Simpson, F. M. ....	do. ....	100 00
		Gaines, W. L. ....	do. ....	150 00
		Pearson, F. A. ....	do. ....	75 00
		Wakely, L. M. ....	do. ....	50 00
		Brand, R. E. ....	do. ....	166 74
		Crandall, W. T. ....	do. ....	133 37
		Fraser, W. J. ....	do. ....	291 74
		Hepburn, N. W. ....	do. ....	175 00
		Harding, H. A. ....	do. ....	416 74
		Hulce, R. S. ....	do. ....	100 00
		Keller, O. A. ....	do. ....	83 37
		Parker, H. N. ....	do. ....	200 00
		Ruehe, H. A. ....	do. ....	116 74
		Blair, J. C. ....	do. ....	416 74
		Durst, C. E. ....	do. ....	125 00
		Foglesong, L. E. ....	do. ....	100 00
		Gardner, J. J. ....	do. ....	100 00
		Lloyde, J. W. ....	do. ....	266 74
		Miller, Wilhelm. ....	do. ....	250 00
		Nehrling, A. H. ....	do. ....	125 00
		Root, R. R. ....	do. ....	166 74
		Dorner, H. B. ....	do. ....	200 00
		Hutchinson, James. ....	do. ....	100 00
		Muncie, F. W. ....	do. ....	83 37
		Peltier, G. L. ....	do. ....	83 37
		Gunderson, A. G. ....	do. ....	83 37
		Pickett, B. S. ....	do. ....	250 00
		Ruth, W. A. ....	do. ....	125 00
		Watkins, O. S. ....	do. ....	150 00
		Bevier, Isabel. ....	do. ....	250 00
		Gibbs, Charlotte. ....	do. ....	125 00
		Goldthwaite, Nellie E. ....	do. ....	166 74
		Parsons, Maud. ....	do. ....	100 00
		Pincomb, Helena M. ....	do. ....	133 37
		Rinaker, Harriet. ....	do. ....	125 00
		Wheeler, Ruth. ....	do. ....	133 37
		Powell, B. E. ....	do. ....	191 74
		McIntosh, D. ....	do. ....	208 37
		Bartow, Edward. ....	do. ....	291 66
		Corson, H. P. ....	do. ....	100 00
		Ferguson, H. F. ....	do. ....	60 00
		Hansen, Paul. ....	do. ....	250 00
		Hilscher, Ralph. ....	do. ....	100 00
		Langelier, W. F. ....	do. ....	100 00
		Mohlmann, F. W. ....	do. ....	60 00
		Andros, S. O. ....	do. ....	150 00
		Harnack, Carman. ....	do. ....	75 00
		Hart, Eliza. ....	do. ....	48 32
		Jester, Marie. ....	do. ....	65 00
		Johnson, J. J. ....	do. ....	55 00
		McMullin, Jane. ....	do. ....	60 00
		Allen, Josephine. ....	do. ....	55 00
		Alley, W. E. ....	do. ....	85 00
		Amos, Winifred L. ....	do. ....	65 00
		Arneson, Mabel. ....	do. ....	60 00
		Ash, Ethel. ....	do. ....	60 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
763 Ctd.	1913. Aug. 21	Atkinson, C. E.	Salary, August, 1913	\$141 66
		Blackwell, Mary L.	do.	50 00
		Boice, L. A.	do.	125 00
		Bolan, Anna R.	do.	60 00
		Broadhurst, Tabitha J.	do.	75 00
		Brown, Ina M.	do.	60 00
		Browne, William H.	do.	283 34
		Bryan, Sarah	do.	65 00
		Buckler, Helen I.	do.	50 00
		Coles, B. D.	do.	50 00
		Cole, H. W.	do.	60 00
		Crawford, C. C.	do.	60 00
		Cunningham, H. E.	do.	150 00
		Dalton, C. E.	do.	45 00
		David, Eshoo	do.	45 00
		David, Paul	do.	45 00
		Durley, Franc.	do.	50 00
		Emigh, Edith	do.	65 00
		Feind, Frances M.	do.	75 00
		Fieg, R. I.	do.	50 00
		Foss, Margaret C.	do.	40 00
		Fraser, Viola	do.	55 00
		Froberg, Eric	do.	60 00
		Goetz, Antoinette	do.	65 00
		Good, Elizabeth	do.	40 00
		Griffith, Mabel F.	do.	60 00
		Hamilton, (Mrs.) Alice V.	do.	75 00
		Havens, C. H.	do.	120 00
		Hay, N.	do.	166 66
		Heater, Myrtle E.	do.	55 00
		Houchens, Josie B.	do.	75 00
		Hull, A. H.	do.	65 00
		Humrichouse, Katie L.	do.	50 00
		Johnson, Gertrude.	do.	55 00
		Kelley, J. H.	do.	166 66
		Kirwan, Nora	do.	41 66
		Knapp, Aurella	do.	65 00
		Knorr, L. E.	do.	140 00
		Kyle, Martha J.	do.	50 00
		Lamb, Allie	do.	45 00
		Lee, A. R.	do.	91 66
		Loomis, Metta	do.	75 00
		Lund, Stella	do.	55 00
		McConn, C. M.	do.	266 67
		McGurty, Agnes	do.	83 33
		Manspeaker, L. Mae	do.	83 33
		Meneley, Maude E.	do.	50 00
		Meseck, Rudolph	do.	65 00
		Miller, C. F.	do.	75 00
		Morey, Lloyd	do.	85 00
		Morrow, J. A.	do.	166 66
		Murphey, M. W.	do.	110 00
		North, James W.	do.	70 00
		Oaks, Catherine S.	do.	65 00
		Oberdorfer, H. D.	do.	200 00
		Packard, Bessie	do.	75 00
		Peel, Elizabeth C.	do.	75 00
		Peel, Thomas	do.	55 00
		Post, F. W.	do.	75 00
		Postlewait, Harriet L.	do.	50 00
		Rickets, Clara A.	do.	60 00
		Rodgers, Della M.	do.	40 00
		Robertson, Nellie M.	do.	55 00
		Savage, John	do.	40 00
		Sharp, Bertha	do.	55 00
		Shepard, Anna L.	do.	91 66
		Showers, T. J.	do.	125 00
		Slater, Sara M.	do.	55 00
		Smith, I. M.	do.	108 33
		Smith, Jessie A.	do.	100 00
		Smith, Mayme L.	do.	65 00
		Southwell, James	do.	115 00
		Staples, O. E.	do.	150 00
		Steitz, Alfred	do.	75 00
		Stevens, Sabra	do.	55 00
		Thompson, M. E.	do.	85 00
		Tomlinson, J. S.	do.	100 00
		Torrance, Mary	do.	55 00
		Tuttle, G. P.	do.	91 66

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
763	1913.			
763	Aug. 21	Tyrrell, Josephine.....	Salary, August, 1913.....	\$45 00
763	Id.	Voight, Lida E.....	do.....	83 33
		White, Lida E.....	do.....	50 00
		Wyninger, H. T.....	do.....	52 50
764	do....	Pay roll.....	Civil service.....	\$7,933 57
		Argo, Roy.....	Wages, August, 1913.....	55 00
		Barto, Lucy M.....	do.....	20 00
		Chaplin, Ralph.....	do.....	60 00
		Conley, M. J.....	do.....	75 00
		Cook, Jessie.....	do.....	55 00
		Crathorne, Anna.....	do.....	50 00
		Crawford, T. P.....	do.....	50 00
		Custer, Emma L.....	do.....	70 00
		Foor, H.....	do.....	55 00
		Gage, Marjorie H.....	do.....	65 00
		Goodspeed, W. S.....	do.....	83 33
		Gordon, Marie A.....	do.....	50 00
		Halliday, Mabel.....	do.....	40 39
		Harolle, Claude.....	do.....	40 00
		Hough, William.....	do.....	83 33
		Ingalls, H. B.....	do.....	60 00
		Jenkins, Elmer.....	do.....	60 00
		Kelley, J. R.....	do.....	57 50
		McIntire, W. A.....	do.....	50 00
		McIntosh, Winifred.....	do.....	10 00
		Meenach, Earl.....	do.....	60 00
		Millar, Mary.....	do.....	65 00
		Moore, P. O.....	do.....	47 50
		Nyberg, Florence.....	do.....	50 00
		Patterson, Will.....	do.....	50 00
		Poll, Lillian.....	do.....	50 00
		Pritchard, H.....	do.....	65 00
		Pritchard, R.....	do.....	60 00
		Pulling, Elizabeth.....	do.....	60 00
		Rhoads, Hazel.....	do.....	60 00
		Rose, M. D.....	do.....	52 50
		Sharp, Ethel.....	do.....	40 00
		Sprinkle, D. C.....	do.....	50 00
		States, Bertha G.....	do.....	50 00
		Stoneburner, A. J.....	do.....	50 00
		Stricklan, Freda O.....	do.....	65 00
		Wheeler, H. H.....	do.....	70 00
		White, Loretto.....	do.....	65 00
		Atkinson, O. G.....	do.....	47 50
		Brown, C. F.....	do.....	45 00
		Brown, Edward.....	do.....	47 50
		Brown, E. J.....	do.....	45 00
		Buckles, Mildred E.....	do.....	65 00
		Campbell, Mason.....	do.....	45 00
		Coffey, J. H.....	do.....	50 00
		Cover, Hazel.....	do.....	60 00
		Curry, Florence J.....	do.....	30 00
		David, Simon.....	do.....	40 00
		Durman, Ben.....	do.....	47 50
		Ellis, E. R.....	do.....	45 83
		Engle, Lawrence.....	do.....	47 50
		Feldkamp, Amella.....	do.....	40 00
		Frizzell, L. F.....	do.....	45 00
		Gallaher, Marion B.....	do.....	40 00
		George, Ella.....	do.....	40 00
		Heath, William.....	do.....	50 00
		Imngerich, C. T.....	do.....	50 00
		Klein, Gordon.....	do.....	3 32
		Klena, Joseph.....	do.....	63 22
		McQueen, H. D.....	do.....	47 50
		Mink, George.....	do.....	47 50
		Mink, J. D.....	do.....	50 00
		Moore, H. E.....	do.....	50 00
		Mount, Harold.....	do.....	50 00
		Nesbit, Lawrence.....	do.....	50 00
		Proesel, William.....	do.....	45 00
		Reid, Olive G.....	do.....	50 00
		Riggs, Bess.....	do.....	30 00
		Leonard, Russell.....	do.....	45 83
		Sayer, Clint.....	do.....	35 00
		Shaffer, Guy.....	do.....	50 00
		Smith, H. S.....	do.....	80 00
		Turner, Chester.....	do.....	50 00
		Varner, Elmer.....	do.....	47 50

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
764	Aug. 21	Anderson, J. C.	Wages, August, 1913. ....	\$ 65 00
<i>Cld.</i>		Andrews, J. B.	do.	50 00
		Badger, C. J.	do.	40 00
		Beaumont, G. S.	do.	45 00
		Bennett, W. L.	do.	60 00
		Bowling, B. L.	do.	83 33
		Burdick, I. F.	do.	75 00
		Burwash, A. E.	do.	55 00
		Campbell, C. A.	do.	60 00
		Cate, H. A.	do.	60 00
		Chapman, C. C.	do.	83 33
		Checkley, J. H.	do.	83 33
		Crouch, H. E.	do.	115 00
		DeWert, H. A.	do.	55 00
		Dunlap, B. H.	do.	60 00
		Ebersol, E. T.	do.	60 00
		Ellis, O. I.	do.	60 00
		Engle, W. J.	do.	70 00
		Fahrnkopf, H. F. T.	do.	60 00
		Fullenwider, T.	do.	55 00
		Gault, F. W.	do.	80 00
		Gentle, G. E.	do.	60 00
		Gilkerson, H. C.	do.	60 00
		Grantham, G. M.	do.	50 00
		Harry, W. L.	do.	83 33
		Heck, A. F.	do.	50 00
		Hinkley, G. M.	do.	50 00
		Hoffman, R. W.	do.	70 00
		Hunter, L. A.	do.	70 00
		Jones, Garfield.	do.	60 00
		Lanham, E. T.	do.	100 00
		Lankford, John.	do.	60 00
		Lawson, H. C.	do.	40 25
		McGhee, O. M.	do.	45 00
		Nogle, George.	do.	43 08
		Palfrey, John R.	do.	75 00
		Partridge, N. L.	do.	60 00
		Pine, Fred.	do.	75 00
		Radebaugh, G. A.	do.	100 00
		Reed, Alice.	do.	50 00
		Rigg, C. L.	do.	40 00
		Romine, J. F.	do.	40 00
		Scroggins, D. L.	do.	100 00
		Sims, Flora M.	do.	83 33
		Smith, F. A. C.	do.	125 00
		Smith, J. F.	do.	65 00
		Snider, H. J.	do.	50 00
		Stocker, Cornelius.	do.	83 33
		Thomas, Melvin.	do.	65 00
		Torgerson, E. F.	do.	75 00
		Tornquist, Andrew.	do.	75 00
		Walters, Philip.	do.	70 00
		Walworth, E. H.	do.	70 00
		Yapp, W. W.	do.	70 00
		Bowen, Evalena.	do.	65 00
		Burt, Ruth.	do.	50 00
		Engle, Ralph.	do.	55 00
		Glover, R. C.	do.	25 00
		Hakanson, Eric.	do.	40 00
		Hiskey, George.	do.	50 00
		Murray, Ralph.	do.	50 00
		Needham, Lucile.	do.	60 00
		Snapp, R. R.	do.	50 00
		Stoutzenberg, Florence.	do.	50 00
		Tornquist, Alpha.	do.	55 00
		Wilkins, Stanley.	do.	40 00
765	do.	Frank Hawley, Contractor.	Moving horticultural greenhouses.	\$1,600 00
766	do.	R. K. Hursb.	Traveling expenses.	13 51
767	do.	Twin City Printing Co.	Office supplies.	1 20
768	do.	Champaign Steam Laundry.	Laundry.	17 01
769	do.	John H. Doyle.	Building materials.	4 25
770	do.	D. H. Loyde.	Office supplies.	12 64
771	do.	The Burr Co.	Machinery.	2 05
772	do.	Twin City Ice & Cold Storage Co.	General supplies.	33 00
773	do.	Twin City Electric Co.	Awnings.	73 10
774	do.	E. H. Sargent & Co.	Laboratory apparatus.	365 77
775	do.	General Electric Co.	Machinery.	237 00
776	do.	H. F. Chester.	Drayage.	48 58
777	do.	John Reichard.	Corn and oats.	267 57

OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
	1913.			
778	Aug. 21	Burroughs Adding Machine Co.	Office supplies	\$ 1 57
779	do.	The Creamery Package Mfg. Co.	Zero oil.	2 50
780	do.	Metzler & Schafer Co.	General supplies	1 30
781	do.	John Reichard.	Corn and oats.	198 00
782	do.	Tablet & Ticket Co.	Office supplies.	3 13
783	do.	E. T. Benjamin.	General supplies	10 50
784	do.	Chas. A. Hall Hardware Co.	do.	7 31
785	do.	R. C. Wagner & Son.	Coal.	7 50
786	do.	Watson Faulkner.	General supplies	3 75
787	do.	Chas. F. Witt.	Harness repairs.	1 25
788	do.	C. W. Murphy.	Fixtures	75 50
789	do.	Bacon Brothers.	General supplies.	1 60
790	do.	W. W. Walls & Co.	Building materials	4 05
791	do.	Frederick Post Co.	General supplies	10 50
792	do.	Jas. F. Umpleby.	Fencing.	157 20
793	do.	James B. Clow & Sons.	Plumbing materials.	52 99
794	do.	Carl H. Reuter.	Office equipment.	247 50
795	do.	Linde Air Products Co.	Laboratory supplies.	1 50
796	do.	H. McGlade.	General supplies.	34 75
797	do.	Harry C. Gilkerson.	Traveling expenses	17 24
798	do.	F. W. Garrett.	do.	27 49
799	do.	Harry Gilkerson.	Field expenses	25 00
800	do.	Charles C. Rees.	Traveling expenses	11 51
801	do.	Harrison Fahrnkopf.	Field expenses	91 54
802	do.	Harrison Fahrnkopf.	Traveling expenses	13 86
803	do.	A. F. Gustafson.	do.	33 70
804	do.	S. V. Holt.	do.	49 65
805	do.	R. W. Dickenson.	do.	37 21
806	do.	J. G. Mosier.	do.	16 74
807	do.	Truman Fullenwider.	do.	29 68
808	do.	George M. Hinkley.	do.	31 51
809	do.	O. E. Staples, Bursar.	Pay roll.	588 00
810	Aug. 25	McKey & Poague, Agents.	Rent.	500 00
811	do.	Western Union Telegraph Co.	Messages.	43 76
812	do.	Postal Telegraph-Cable Co.	do.	4 16
813	do.	Twin City Ice & Cold Storage Co.	General supplies.	4 00
814	do.	G. S. Blakeslee & Co.	Laboratory apparatus.	40 00
815	do.	T. L. Harrington.	Machinery repairs.	1 00
816	do.	The Letter Shop.	Clerical assistance.	2 30
817	do.	Mrs. Frank M. Perry.	Making towels.	3 03
818	do.	White Line Steam Laundry.	Laundry.	20 50
819	do.	Willard Cooper.	Machine repairs.	4 60
820	do.	A. Pickering & Son.	Machine repairs.	2 00
821	do.	Wilson Brothers.	Traveling expenses	13 00
822	do.	B. F. Stevenson.	Entertaining.	6 40
823	do.	Metzler & Schafer Co.	General supplies.	6 32
824	do.	Engineering Record.	Advertising.	3 60
825	do.	Eisner Grocery Co.	Laboratory supplies.	5 90
826	do.	Commercial Telephone & Telegraph Co.	Messages.	6 20
827	do.	Automatic Electric Co.	Phones.	12 50
828	do.	J. Bowman.	Tools.	21 33
829	do.	Wittiams Bros.	Building repairs.	31 30
830	do.	N. L. Partridge.	Supplies.	3 35
831	do.	National Engineer.	Advertising.	4 00
832	do.	Otto Schwartz.	Traveling expenses	26 74
833	do.	N. L. Partridge.	do.	4 09
834	do.	F. A. Pearson.	do.	2 72
835	do.	F. D. Voris.	do.	13 24
836	do.	American Multigraph Sales Co.	Machine repairs.	2 90
837	do.	J. C. Thomas.	Fencing.	22 95
838	do.	H. C. Wheeler.	Traveling expenses	55 61
839	do.	A. H. Nehrling.	do.	11 20
840	Aug. 26	O. E. Staples, Bursar.	Express bills paid.	78 86
841	do.	O. E. Staples, Bursar.	Student pay roll paid.	175 07
842	do.	Illinois Traction System.	Freight and express.	8 41
843	do.	C. C. & St. L. R. R. Co.	do.	64 96
844	do.	Illinois Central R. R. Co.	do.	22 23
845	do.	Wabash R. R.	do.	34 60
846	do.	O. E. Staples, Bursar.	Sundry bills paid.	50 32
847	do.	H. A. Aldrich.	Traveling expenses.	18 43
848	do.	August Geweke.	do.	8 30
849	do.	Penry Lussenhop.	Field expenses.	25 00
850	do.	Persis Putman.	Clerical assistance.	12 40
851	do.	John Berlin.	Field expenses.	98 65
852	do.	F. W. Wascher.	Traveling expenses.	42 62
853	do.	H. J. Snider.	do.	11 55
854	do.	McKey & Poague, Agents.	Rent.	500 00
855	do.	C. C. & St. L. R. R. Co.	Freight.	3 49
856	Aug. 29	W. C. Titcomb.	Traveling expenses.	26 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1913.				
857	Aug. 29	R. W. Dickenson	Traveling expenses	\$ 37 80
858	do	F. W. Wascher	do	39 67
859	do	H. C. Wheeler	do	51 97
860	do	R. W. Dickenson	do	26 35
861	do	A. F. Gustafson	do	23 38
862	do	Truman Fullenwider	do	31 35
863	do	Harrison Fahrnkopf	do	13 48
864	do	H. C. Gilkerson	do	20 19
865	do	G. M. Hinkley	do	16 82
866	do	O. S. Fisher	Traveling expenses and fencing	68 42
867	do	F. W. Gault	Traveling expenses and supplies	58 89
868	do	Frank Price	Painting	1,095 50
869	do	William L. Mays	Field expenses	37 00
870	do	A. L. Moats	do	23 00
871	do	N. W. Hepburn	Traveling expenses	9 29
872	do	Prof. B. S. Pickett	do	11 89
873	do	W. A. Ruth	do	5 72
874	do	O. S. Watkins	do	9 47
875	do	B. S. Pickett	do	5 54
876	do	Stella R. Fox	do	4 20
877	do	Taylor Hardware Co.	Building materials	19 50
878	do	W. Lewis & Co.	Office supplies	1 58
879	do	Walker & Mulliken	Furniture repairs	20 00
880	do	Alexander Lumber Co.	Building materials	6 40
881	do	D. H. Loyde	Laboratory supplies	1 20
882	do	Ideal Electric Co.	Electrical materials	31 73
883	do	Wm. D. Foster	Traveling expenses	6 79
884	do	H. W. Johns-Manville Co.	General supplies	13 62
885	do	C. W. Johnson	Machine repairs	5 80
886	do	W. W. Walls & Co.	Building materials	4 14
887	do	The Burr Co.	Tools	30 78
888	do	Vaughans Seed Store	General supplies	61 75
889	do	D. M. Sims	General labor	48 90
890	do	J. F. Auld	Plastering	106 50
891	do	Bryan Marsh Electric Works	Electrical supplies	99 40
892	do	Twin City Roofing & Sheet Metal Works	Building repairs	37 60
893	do	Bacon Bros.	General supplies	18 88
894	do	Warren Brush Co.	do	37 40
895	do	Western Electric Co.	Electrical materials	14 79
896	do	American Steam Gauge & Valve Mfg. Co.	Laboratory apparatus	14 00
897	do	Stipes & Hecker	Building materials	7 90
898	do	Oblong Lumber Co.	Drains	31 70
899	do	H. D. Oberdorfer	Traveling expenses	2 25
900	do	Hunter, Rourke & Co.	Building materials	83 81
901	do	Sears, Roebuck & Co.	General supplies	14 00
902	do	Corbin Cabinet Lock Co.	do	1 03
903	do	Hill, Clarke & Co.	Laboratory apparatus	50 00
904	do	Hyatt Roller Bearing Co.	do	53 63
905	do	H. Mueller Mfg. Co.	General supplies	43 89
906	do	Maxim Chemical Co.	Janitor supplies	9 00
907	do	G. C. Willis	General supplies	29 55
908	do	Leeds & Northrup Co.	Apparatus repairs	20 00
909	do	E. H. Sargent & Co.	Laboratory supplies	51 00
910	do	Mittendorf & Klier	Fixtures	8 10
911	do	Williams Bros.	Building materials	4 00
912	do	Central Electric Co.	Electrical materials	35 30
913	do	Exide Battery Depots	Laboratory apparatus	2 53
914	do	Ernst Leitz	do	369 30
915	do	Keuffel & Esser Co.	do	10 30
916	do	Geo. B. Carpenter & Co.	Tools	12 80
917	do	H. G. Hake	Services	30 00
918	do	Self Winding Clock Co.	Clocks	235 00
919	do	Weil Bros.	Building materials	73 86
920	do	Hoosier Mfg. Co.	Soap	7 50
921	do	Brown Hoisting Machine Co.	Building materials	295 07
922	do	Schellert Mfg. Co.	Plumbing materials	29 39
923	do	German Kali Works, Inc.	Fertilizer	124 75
924	do	Lewis Electric Supply Co.	Electrical supplies	2 00
925	do	C. F. Witt Estate	Farm machinery	19 25
926	do	Royersford Foundry & Machine Co.	Machinery repairs	9 69
927	do	Reeves Pulley Co.	Machine repairs	15 12
928	do	Hoppes Mfg. Co.	Laboratory apparatus	10 00
929	do	Jno. B. Bennett	Laboratory supplies	36 05
930	do	C. W. Davis	Building materials	63 60
931	do	C. O. Bartlett & Snow Co.	Laboratory apparatus	135 00
932	do	Standard Oil Co.	General supplies	60 40
933	do	J. D. White	Postage	330 00
934	Sept. 4	The Wabash R. R.	Freight	56 81
935	do	C., C., & St. L. R. R. Co.	do	202 09

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
936	Sept. 4	The Wabash R. R.	Freight	\$ 2 17
937	..do.	Illinois Central R. R. Co.	..do.	5 45
938	..do.	J. S. Kingsley	Traveling expenses	39 25
939	..do.	C., C., C. & St. L. R. R. Co.	Freight	12 38
940	..do.	Butter Patrons	Butter	66 14
941	..do.	W. B. Day, Actuary	Expenses	86 83
942	..do.	M. R. Carlson	Traveling expenses	10 64
943	..do.	F. A. Pearson	..do.	3 83
944	..do.	Carroll J. Badger	..do.	4 48
945	..do.	J. B. Andrews	..do.	20 36
946	..do.	Alumni Assn.	Publication	250 00
947	..do.	J. F. Auld	Plastering	15 09
948	..do.	J. D. White, Clerk of Station	Stamps	440 00
949	..do.	M. E. Thompson	Expenses	8 00
950	..do.	L. A. Harding	Traveling expenses	64 66
951	..do.	O. S. Watkins	Field expenses	9 75
952	..do.	Pay roll		9,765 12
		Carmichael, W. J.	Salary, August, 1913	\$50 00
		Lang, LeRoy	..do.	44 44
		Moklman, Harry	..do.	32 40
		Newlin, C. I.	..do.	37 50
		Booher, M. C.	Wages, August, 1913	18 80
		Booker, O. J.	..do.	47 20
		Booker, O. J.	..do.	40 80
		Boswell, James	..do.	35 87
		Boyer, G. W.	..do.	65 31
		Campbell, Mathew	..do.	51 00
		Carothers, Cevilla	..do.	39 52
		Carson, Rolla S.	..do.	59 60
		Cheever, J. W.	..do.	48 00
		Collins, A. L.	..do.	33 60
		Craig, J. D.	..do.	93 60
		Crawford, R. W.	..do.	19 00
		Cunningham, Perley	..do.	41 12
		Davis, Paul	..do.	33 20
		Dunseth, C. A.	..do.	90 00
		English, B. F.	..do.	61 64
		Ensor, Russell	..do.	52 00
		Ernst, Elmore	..do.	32 38
		Fechtruph, Herman	..do.	52 80
		Fiscus, J. C.	..do.	89 60
		Franklin, F. T.	..do.	56 49
		Glenn, V. S.	..do.	55 00
		Griffin, G. C.	..do.	62 00
		Gundlock, Chas.	..do.	6 00
		Gundlock, Chas.	..do.	47 00
		Hooker, Fred	..do.	49 80
		Hoover, F. F.	..do.	56 10
		Hunter, J. W.	..do.	62 00
		Janson, J. M.	..do.	36 80
		Johnson, C. C.	..do.	61 95
		Kliem, J. A. J.	..do.	71 61
		Lanham, R. B.	..do.	45 40
		Long, J. F.	..do.	66 99
		May, U. G.	..do.	51 00
		Moore, C. P.	..do.	48 40
		Nelson, C. Q.	..do.	37 80
		Peterson, Nick	..do.	52 20
		Porter, S. A.	..do.	23 20
		Reed, B. L.	..do.	56 40
		Sandwell, Martin	..do.	90 00
		Snook, Orval	..do.	53 34
		Snyder, T. B.	..do.	40 00
		Speedie, A. C.	..do.	93 60
		Stearns, L. M.	..do.	65 10
		Surbaugh, C. A.	..do.	50 60
		Sparks, Marion	..do.	13 50
		Sparks, Marion	..do.	11 40
		Thomson, H. L.	..do.	64 00
		Vanderbeck, H. J.	..do.	42 60
		Vandeventer, J. H.	..do.	93 60
		Warmbier, A.	..do.	38 40
		Wilson, Wesley	..do.	93 60
		Wright, Amos	..do.	37 20
		Langhoff, Wm.	..do.	61 64
		Mathers, Jennie	..do.	50 00
		Earhart, C. M.	..do.	25 80
		Fucukawa, S.	..do.	43 00
		Crawford, R. W.	..do.	33 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
952 Ctd.	1913. Sept. 4	Pickels, G. W. ....	Wages, August, 1913.....	\$ 23 40
		Higgins, Harry.....	do.....	80 67
		Wright, G. E. ....	do.....	125 00
		Arrington, C. E. ....	do.....	65 10
		Atwell, M. W. ....	do.....	56 91
		Bailey, J. E. ....	do.....	49 35
		Barnes, V. R. ....	do.....	93 60
		Berbaum, E. R. ....	do.....	46 80
		Bevis, A. ....	do.....	143 00
		Brannigan, John.....	do.....	82 95
		Brown, Basil.....	do.....	65 76
		Brown, Harry.....	do.....	54 60
		Bullock, D. M. ....	do.....	62 10
		Butler, Thomas.....	do.....	62 56
		Ceduskey, John.....	do.....	81 40
		Crathorne, F. ....	do.....	84 50
		Cunningham, F. ....	do.....	110 50
		Davis, Joseph.....	do.....	71 61
		Dibble, E. P. ....	do.....	85 10
		Downing, H. ....	do.....	58 50
		Fay, T. J. ....	do.....	96 10
		Fender, Fred.....	do.....	80 10
		Fender, Louie.....	do.....	68 64
		Fiscus, J. J. ....	do.....	61 64
		Fogarty, F. ....	do.....	54 60
		Fogarty, W. ....	do.....	54 00
		Fox, Guy.....	do.....	76 00
		Freeman, C. Y. ....	do.....	54 49
		Graybeal, W. H. ....	do.....	65 10
		Hamlin, Sell.....	do.....	52 00
		Hanson, Samuel.....	do.....	72 50
		Hargan, E. ....	do.....	69 79
		Henderson, T. O. ....	do.....	106 40
		Hill, Charles.....	do.....	95 94
		Hixon, W. G. ....	do.....	52 00
		Hutton, Ross.....	do.....	63 02
		Irvine, Frank.....	do.....	74 25
		Irvine, James.....	do.....	55 65
		Jones, Margaret.....	do.....	44 20
		Justus, E. W. ....	do.....	108 00
		Langhoff, A. ....	do.....	84 50
		Langhoff, Fred.....	do.....	64 40
		Lewis, E. C. ....	do.....	72 87
		Litton, A. C. ....	do.....	39 27
		Long, Thomas.....	do.....	79 38
		McAllister, A. J. ....	do.....	76 56
		McCulough, James.....	do.....	61 60
		McClughen, Frances.....	do.....	44 20
		Magnuson, A. O. ....	do.....	80 00
		Mahorney, H. H. ....	do.....	65 32
		Meneely, Dan.....	do.....	61 64
		Meenach, O. E. ....	do.....	54 28
		Meyers, Jesse.....	do.....	56 81
		Miller, C. M. ....	do.....	55 23
		Moran, A. ....	do.....	56 25
		Morgan, J. E. ....	do.....	52 00
		Morgan, Rebecca.....	do.....	44 20
		Murphey, Ruthe.....	do.....	60 32
		Newton, J. R. ....	do.....	75 12
		Nikolaus, Jacob.....	do.....	65 10
		Perry, F. M. ....	do.....	64 40
		Purkins, J. F. ....	do.....	45 98
		Quinn, William.....	do.....	71 61
		Richards, Ed. ....	do.....	103 60
		Ryan, Mary E. ....	do.....	34 00
		Servis, A. ....	do.....	65 32
		Sinclair, C. R. ....	do.....	56 25
		Smith, W. J. ....	do.....	105 78
		Snyder, J. ....	do.....	54 60
		Stateler, F. ....	do.....	75 46
		Swearingen, Ralph.....	do.....	28 20
		Templin, William.....	do.....	85 13
		Tillotson, I. F. ....	do.....	65 33
		Toy, George.....	do.....	61 18
		Turner, George.....	do.....	64 63
		Warmbler, August.....	do.....	16 80
		Wharmby, Ed. ....	do.....	66 93
		Wilde, William.....	do.....	96 10
		Wilson, Frank.....	do.....	37 60



OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
952 <i>Ctd.</i>	1913. Sept. 4	Beach, Frank.....	Wages, August, 1913.....	\$37 68
		Beyer, Vera.....	do.....	56 40
		Boomstra, S. P.....	do.....	13 30
		Boettiger, L. A.....	do.....	44 45
		Broadhurst, E. Maury.....	do.....	21 90
		Brown, Clair.....	do.....	23 60
		Brown, K. G.....	do.....	30 75
		Brown, Hodwad D.....	do.....	51 30
		Craig, E. E.....	do.....	52 50
		Danielson, R. R.....	do.....	80 25
		Fernandez, C. S.....	do.....	31 00
		Gauger, R. W.....	do.....	23 30
		Gauger, R. W.....	do.....	7 00
		Golden, W. E.....	do.....	51 00
		Golden, W. B.....	do.....	51 00
		Hannah, H. I.....	do.....	50 00
		Helfrich, O. L.....	do.....	10 00
		Hobart, Hugh.....	do.....	39 26
		Higgins, Max B.....	do.....	41 10
		Hubbard, Marie.....	do.....	30 70
		Inagaki, Noble.....	do.....	16 80
		Inagaki, Noble.....	do.....	8 20
		Kercher, Otis.....	do.....	31 05
		Klein, Nancy.....	do.....	12 80
		Klein, George M.....	do.....	23 75
		Lee, Carrie A.....	do.....	2 30
		Mannix, Pauline.....	do.....	24 45
		McVay, T. N.....	do.....	65 50
		Merideth, Ina.....	do.....	30 30
		Millizen, Edna.....	do.....	11 40
		Mitchell, Eva.....	do.....	33 00
		Mitchell, Grace.....	do.....	8 70
		Mitchell, Grace.....	do.....	28 90
		Nelson, C. R.....	do.....	70 20
		Newlin, W. B.....	do.....	36 70
		Newlin, C. W.....	do.....	37 50
		Odell, A. A.....	do.....	76 37
		Pung, S. C.....	do.....	13 90
		Rand, C. C.....	do.....	60 00
		Ritchey, R. W.....	do.....	23 40
		Roberts, Emmett.....	do.....	34 00
		Scott, E. S.....	do.....	25 20
		Skemp, S. C.....	do.....	31 50
		Taylor, W. M.....	do.....	50 00
		Underwood, C. S.....	do.....	20 00
		Wagner, R. R.....	do.....	40 50
		Yapp, J. O.....	do.....	8 80
		Yates, W. R.....	do.....	13 80
		Zackmire, P.....	do.....	38 80
953	Sept. 5	O. S. Watkins.....	Traveling expenses.....	\$ 20 44
954	do.....	Ralph Chaplin.....	Field expenses.....	10 87
955	do.....	Ralph Chaplin.....	Traveling expenses.....	6 20
956	do.....	John A. Rumer & Son.....	Field expenses.....	18 40
957	do.....	F. W. Gault.....	Traveling and field expenses.....	23 75
958	do.....	George W. Medley.....	Field expenses.....	9 19
959	do.....	J. H. Checkley.....	Traveling expenses.....	11 44
960	do.....	Rev. H. S. Maxwell.....	do.....	7 00
961	do.....	Treasurer, Old Salem Chautauqua.....	Agricultural instructions.....	100 00
962	do.....	F. M. Simpson.....	Field expenses.....	1 85
963	do.....	J. V. Stevenson.....	Lectures and traveling expenses.....	33 95
964	do.....	Demonstrators' Assn. of Illinois.....	Laboratory supplies.....	40 00
965	do.....	Central Electric Co.....	Electrical materials.....	102 96
966	do.....	Truman Fullenwider.....	Traveling expenses.....	29 09
967	do.....	Orr M. Allyn.....	do.....	12 56
968	do.....	H. C. Gilkerson.....	do.....	13 16
969	do.....	A. Floyd Heck.....	do.....	10 99
970	do.....	F. W. Wascher.....	do.....	38 05
971	do.....	Andrew Tornquist.....	Field expenses.....	37 31
972	do.....	J. E. Whitechurch.....	Traveling expenses.....	53 92
973	do.....	S. V. Holt.....	Field expenses.....	102 35
974	do.....	Illinois Traction System, Urbana.....	Freight.....	31 00
975	do.....	Stipes & Hecker.....	Building materials.....	13 20
976	do.....	E. H. Sargent & Co.....	Laboratory supplies.....	201 11
977	do.....	Morrison-Plumber Co.....	Plumbing materials.....	11 28
978	do.....	Miller Harness Co.....	Machinery repairs.....	4 80
979	do.....	Mallory & Mitchell.....	Advertising.....	643 09
980	do.....	The Letter Shop.....	Typewriting copies.....	3 20
981	do.....	Knowlton & Bennett.....	General supplies.....	12 30
982	do.....	Ideal Electric Co.....	Office equipment.....	32 09

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
983	Sept. 5	S. E. Huff & Co.	Building materials	\$326 95
984	do.	Ernst Hertzberg & Sons	Binding books	174 38
985	do.	Eisner Grocery Co.	Supplies	2 60
986	do.	John H. Doyle	do.	16 40
987	do.	D. T. Dobbins	do.	6 06
988	do.	T. J. Colvin	Laboratory supplies	1 65
989	do.	City of Chicago	Inspections	3 50
990	do.	Central Electric Co.	Electrical materials	50 52
991	do.	E. T. Benjamin	Machinery repairs	3 50
992	do.	Barnhart Bros	Tools	14 20
993	do.	Bacon Bros	Supplies	8 10
994	do.	Taylor Hardware Co.	do.	6 90
995	do.	Woldenberg & Schaar	Laboratory supplies	275 79
996	do.	J. W. Butler Paper Co.	Office supplies	450 26
997	do.	J. Terquem & Co.	Books	29 96
998	do.	Otto Harrassowitz	do.	30 14
999	do.	Flanagan-Pearson Co.	Printing & publishing	4 50
1000	do.	Guy Daily	Live stock	15 00
1001	do.	Curtis Publishing Co.	Country Gentleman binder	1 50
1002	do.	Crane Co.	Machinery repairs	10 31
1003	do.	Brown Hoisting Machinery Co.	Building materials	33 43
1004	do.	Belle City Mfg. Co.	Machinery repairs	83
1005	do.	Alexander Lumber Co.	Lumber	37 68
1006	do.	J. C. Allen	Supplies	2 00
1007	do.	W. D. Allen Mfg. Co.	Tools	49 75
1008	do.	V. D. Anderson Co.	Machinery repairs	4 26
1009	do.	W. M. Davis	Wells	10 00
1010	do.	A. B. Dick Co.	Office supplies	118 90
1011	do.	Dodge Mfg. Co.	Laboratory apparatus	39 00
1012	do.	R. R. Donnelley & Sons Co.	Freight charges	18 86
1013	do.	Eimer & Amend	Electric lamp for oven	49
1014	do.	Henry A. Dreer	Laboratory apparatus	16 63
1015	do.	Fairbanks, Morse & Co.	Hose	7 50
1016	do.	Louis Ely & Co.	Machinery repairs	2 50
1017	do.	Wm. Fetzer Co.	Spring	40
1018	do.	Emil Greiner Co.	Laboratory supplies	3 00
1019	do.	General Chemical Co.	do.	190 63
1020	do.	Fuller & Fuller Co.	do.	30 22
1021	do.	Henry Fuermann & Sons	Supplies	2 00
1022	do.	Keuffel & Esser Co.	Laboratory supplies	209 60
1023	do.	Illinois State Penitentiary	Supplies	14 63
1024	do.	Illinois Paper Box Co.	Paper boxes	20 20
1025	do.	W. A. Hutchenson	Wheat straw	14 71
1026	do.	Heath & Milligan Mfg. Co.	Cement coating	14 00
1027	do.	Hanovia Chemical & Mfg. Co.	Laboratory supplies	20 41
1028	do.	Leavitt Mfg. Co.	Building materials	2 17
1029	do.	Kewaunee Mfg. Co.	Laboratory apparatus	19 35
1030	do.	Ledder & Probst	do.	70 52
1031	do.	Leeds & Northup Co.	do.	101 25
1032	do.	Modern Tool Co.	do.	35 08
1033	do.	P. E. McCarthy	Supplies	1 00
1034	do.	American Prison Assn.	Books	1 50
1035	do.	Edgar J. Banks	do.	4 00
1036	do.	Boston Book Co.	do.	27 00
1037	do.	Chivers Book Binding Co.	do.	1 65
1038	do.	William J. Gerhard	do.	3 66
1039	do.	Peck & Hills Furniture Co.	Chair	4 75
1040	do.	Richmond Safety Gate Co.	Slide gate and equipment	12 00
1041	do.	C. V. Ritter	Books	15 00
1042	do.	Underwood Typewriter Co.	Platen for No. 5 Typewriter	2 00
1043	do.	Wing Seed Co.	Blue grass	65 00
1044	do.	Whitaker Paper Co.	Supplies	24 00
1045	do.	Western Lumber Co.	Lumber	37 10
1046	do.	W. W. Walls & Co.	Building materials	9 88
1047	do.	Walker & Mulliken	Supplies	18 00
1048	do.	R. C. Wagner & Son	Hauling	26 00
1049	do.	Wabash Cabinet Co.	Office supplies	12 00
1050	do.	J. W. Vallentyne, Postmaster	Stamps	400 00
1051	do.	Twin City Roofing & Sheet Metal Works	Building materials	2 50
1052	do.	Twin City Printing Co.	Time tables for College of Agriculture	76 00
1053	do.	B. A. Strauch	Supplies	2 55
1054	do.	Twin City Roofing & Sheet Metal Works	Building materials	12 50
1055	do.	A. A. Stout	Oat straw	109 62
1056	do.	H. A. Slade	Baling straw	56 80
1057	do.	Peerless Belt Lacing Machine Co.	Supplies	3 49
1058	do.	G. W. Sheldon & Co.	Duty on books	22 74

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
1059	Sept. 5	Sanitary Dairy, L. D. Wilson, Proprietor	Supplies.	\$ 4 80
1060	do.	F. K. Robeson.	do.	6 80
1061	do.	E. P. Reichhelm & Co.	Laboratory supplies.	26 69
1062	do.	John Reichard.	Corn.	51 40
1063	do.	Remington Typewriter Co.	Office equipment, repairs.	3 50
1064	do.	Reliable Plumbing & Heating Co.	Plumbing.	10 61
1065	do.	Jacob Reed's Sons, Inc.	Laboratory apparatus.	285 25
1066	Sept. 8	Gilbert & Bennett Mfg. Co.	Laboratory supplies.	18 90
1067	do.	C. F. Miller.	do.	1 30
1068	do.	H. A. Hollister.	Traveling expenses.	12 94
1069	do.	The Bulletin of Pharmacy.	Advertising.	7 50
1070	do.	New York Botanical Garden.	Books.	1 50
1071	do.	C. W. Phillips.	Labor.	7 00
1072	do.	Ernst Hertzberg & Sons.	Books.	2 04
1073	do.	Ernst Hertzberg & Sons.	Binding books.	150 77
1074	Sept. 9	The Black Diamond.	Advertising.	10 04
1075	do.	Charles A. Campbell.	Field expenses.	34 12
1076	do.	O. S. Fisher.	Traveling expenses.	48 34
1077	do.	Albert Tate.	Field expenses.	82 90
1078	do.	H. C. Wheeler.	Traveling expenses.	42 83
1079	do.	R. W. Dickenson.	do.	56 32
1080	do.	O. M. McGhee.	do.	8 14
1081	do.	F. W. Garrett.	Field expenses.	39 58
1082	do.	George M. Hinkley.	Traveling expenses.	10 73
1083	do.	E. E. Hoskins.	Field expenses.	53 69
1084	do.	F. W. Gault.	Traveling expenses.	10 19
1085	do.	A. Floyd Heck.	do.	12 81
1086	do.	Harrison Fahrnkopf.	Field expenses.	29 58
1087	do.	H. J. Snider.	do.	51 28
1088	do.	C. E. Burkhart.	do.	24 05
1089	do.	W. M. Powell.	do.	68 95
1090	do.	Wm. Aten, Sr.	do.	66 61
1091	do.	O. M. McGhee.	Traveling expenses.	31 02
1092	do.	O. S. Watkins.	do.	18 19
1093	do.	J. D. White, Clerk.	Stamps.	150 00
1094	Sept. 10	Hon. S. M. Fitch.	Corporation tax.	238 38
1095	do.	Illinois State Reformatory.	Stationery.	11 25
1096	do.	Southern Illinois Penitentiary.	Supplies.	26 46
1097	do.	D. Shor.	Laboratory supplies.	193 25
1098	do.	C. H. Hanson, Inc.	Supplies.	24 00
1099	do.	Taylor Hardware Co.	Tools.	1 75
1100	do.	Vonnegut Machinery Co.	Machinery repairs.	3 90
1101	do.	L. S. Starrett Co.	Laboratory apparatus.	115 47
1102	do.	C. A. Denman.	Painting.	44 50
1103	do.	Barnhart Brothers.	Supplies.	1 20
1104	do.	J. C. Thomas.	do.	3 10
1105	do.	S. E. Huff & Co.	Ladders.	3 50
1106	do.	E. H. Sargent & Co.	Laboratory supplies.	5 68
1107	do.	Goder-Heimann Co.	Botany chart.	3 20
1108	do.	Illinois State Reformatory.	Supplies.	30 45
1109	do.	Reliable Plumbing & Heating Co.	Plumbing.	72 21
1110	do.	Twin City Ice & Cold Storage Co.	Supplies.	5 50
1111	do.	Wabash R. R.	Freight.	55 81
1112	do.	C., C., C. & St. L. Ry. Co.	do.	71 27
1113	Sept. 11	Pay roll.	do.	1, 013 02
		Anderson, J. C.	Wages, August, 1913.	\$ 5 00
		Bennett, W. L.	do.	10 00
		Campbell, C. A.	do.	5 00
		Chapman, C. C.	do.	16 67
		Davis, R. E.	do.	94 20
		Hunter, L. A.	do.	5 00
		Raynor, W. H.	do.	125 45
		Gault, F. W.	do.	10 00
		Heermann, Louise B.	do.	20 00
		Ritter, Sarah M.	do.	42 50
		Bodel, Nathan.	do.	30 00
		Campbell, Mason.	do.	45 00
		Cole, H. W.	do.	95 00
		Cole, H. W.	do.	28 00
		Coles, B. D.	do.	20 60
		Daniels, John.	do.	30 00
		Gelda, Isok.	do.	26 67
		Jensen, George.	do.	16 50
		Ambrose, A. S.	do.	39 00
		Carlson, M. R.	do.	36 67
		Cox, C. G.	do.	53 20
		Daisey, E. A.	do.	31 60
		English, H. M.	do.	31 68
		Gregory, P. T.	do.	6 25

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1913.</b>				
11 3	Sept. 11	Leriche, Willis.	Wages, August, 1913.	\$ 3 50
<i>Ctd.</i>		Lyons, R. J.	do.	43 00
		McKaskill, K. A.	do.	47 78
		Rant, Alfred.	do.	22 00
		Warinner, C. W.	do.	27 75
		Wilford, Robert.	do.	45 00
		Boonstra, S. P.	do.	10 50
1114	do.	Champaign Steam Laundry.	Laundry.	\$ 3 52
1115	do.	William Sullivan.	Payment of rent.	400 00
1116	do.	V. A. Place.	Traveling expenses.	4 15
1117	do.	Alfred Rant.	do.	8 44
1118	do.	Herbert A. Cate.	do.	14 86
1119	do.	E. A. Eichhorst.	Machine repairs.	7 40
1120	do.	Illinois State Reformatory.	Postal cards.	6 00
1121	do.	Commercial Telephone & Telegraph Co.	Telephone rent.	5 20
1122	do.	Engineering Magazine.	Advertising.	4 18
1123	do.	H. W. Wilson Co.	Books.	7 50
1124	do.	Meyer Brothers, Druggist.	Advertising.	15 00
1125	do.	National Assn. of Retail Druggists.	Laboratory supplies.	28 36
1126	do.	Woldenberg & Schaar.	Laboratory supplies.	128 15
1127	do.	L. C. Smith & Bros. Typewriter Co.	Rent on typewriters.	7 50
1128	Sept. 12	O. E. Staples, Bursar.	Express bills paid in cash.	105 13
1129	do.	A. R. Knight.	Traveling expenses.	17 56
1130	do.	O. E. Staples, Bursar.	Pay roll paid in cash.	536 23
1131	do.	O. E. Staples, Bursar.	do.	501 88
1132	do.	O. E. Staples, Bursar.	Petty bills paid in cash.	88 76
1133	Sept. 13	U. S. Department of Agriculture.	Cards.	2 10
1134	do.	Champaign County Abstract Co.	Services.	4 00
1135	do.	The Letter Shop.	Typewriting.	9 25
1136	do.	E. M. Moll.	Machine repairs.	2 90
1137	do.	Ledder & Probst.	Laboratory apparatus.	7 10
1138	do.	Eisner Grocery Co.	Salt.	2 60
1139	do.	Elmer & Amend.	Laboratory supplies.	2 80
1140	do.	Harshaw-Fuller-Goodwin Co.	do.	37 95
1141	do.	Leavitt Mfg. Co.	Machine repairs.	2 80
1142	do.	Carborundum Co.	Laboratory supplies.	26 08
1143	do.	Samuel Harris & Co.	Laboratory apparatus.	25 99
1144	do.	C. H. Paddock Lumber Co.	Building materials.	23 49
1145	do.	Machinists Supply Co.	Laboratory apparatus.	4 73
1146	do.	Illinois Printing Co.	Circulars.	270 00
1147	do.	Hamblen Plumbing Co.	Repairs.	6 45
1148	do.	Riddiford Bros.	Window squeegees.	1 50
1149	do.	Fuller & Fuller Co.	Supplies.	2 70
1150	do.	Remington Typewriter Co.	Rental of typewriter.	3 00
1151	do.	Stevens, Maloney & Co.	Office supplies.	18 31
1152	do.	Library Bureau.	White cards.	10 00
1153	do.	Scientific Materials Co.	Laboratory supplies.	38 25
1154	do.	Enterprise Electric Co.	Laboratory apparatus.	140 00
1155	do.	Hoskins Mfg. Co.	Chemists triangles.	8 17
1156	do.	Johnson Bros.	Plumbing materials.	13 22
1157	do.	A. W. Stoolman.	Labor.	91 80
1158	do.	Atlas School Supply Co.	Blackboards.	27 72
1159	do.	Ashcroft Mfg. Co.	Charts.	10 44
1160	do.	Automatic Electric Co.	Electrical materials.	26 14
1161	do.	Shaw-Walker Co.	Office supplies.	66 56
1162	do.	Burke & James.	Laboratory apparatus.	3 50
1163	do.	The American City.	Library supplies.	2 00
1164	do.	G. Cramer Dry Plate Co.	Supplies.	3 11
1165	do.	Zenner Disinfectant Co.	do.	12 50
1166	do.	Nathan R. Graves.	Photos & duplicates.	11 00
1167	do.	American Berkshire Assn.	Entry fees and blanks.	15 75
1168	do.	H. J. Snider.	Traveling expenses.	9 07
1169	do.	A. F. Gustafson.	do.	19 67
1170	do.	Harry C. Gilkerson.	do.	22 63
1171	do.	C. C. Logan.	do.	18 47
1172	do.	R. W. Dickenson.	do.	40 14
1173	do.	Frank Morgan.	Field expenses.	70 55
1174	do.	F. W. Wascher.	Traveling expenses.	42 35
1175	do.	H. C. Wheeler.	do.	34 43
1176	do.	S. V. Volt.	do.	52 80
1177	do.	Melvin Thomas.	do.	24 63
1178	do.	Fred Bockelman.	Traveling expenses and services.	17 44
1179	do.	F. A. Pearson.	Traveling expenses.	10 22
1180	do.	John C. Moore Corporation.	Office supplies.	13 75
1181	do.	J. J. Keith.	Drilling water well.	72 50
1182	do.	Hunter, Rourke & Co.	Laboratory apparatus.	3 50
1183	do.	V. Mueller & Co.	DeVilbiss vaginal speculum.	1 20
1184	do.	Mittendorf & Kiler.	Office supplies.	5 12
1185	do.	Morrisson, Plummer & Co.	Supplies.	7 50

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
1186	Sept. 13	Flanigan-Pearson Co. ....	Office supplies .....	\$ 6 00
1187	do.	Geo. B. Carpenter & Co. ....	Supplies .....	34 20
1188	do.	Frison Bros. Carriage Shop .....	Wagon repairs .....	24 75
1189	do.	Alexander Lumber Co. ....	Lumber .....	18 12
1190	do.	Chas. A. Hall Hardware Co. ....	Screen wires .....	12 25
1191	do.	Knowlton & Bennett .....	Glass .....	15 00
1192	do.	American Multigraph Sales Co. ....	Office supplies .....	75 00
1193	do.	R. Friedlander & Sohn .....	Books .....	11 40
1194	do.	Luzac & Co. ....	do. ....	2 45
1195	do.	G. E. Stechert & Co. ....	do. ....	18 00
1196	do.	Otto Harrassowitz .....	do. ....	36 10
1197	do.	Pickering & Chatto .....	do. ....	2 72
1198	do.	Paul Gottschalk .....	do. ....	94 40
1199	do.	Boston Book Co. ....	do. ....	5 80
1200	do.	B. F. Stevens & Brown .....	do. ....	76 40
1201	do.	Joseph Baer & Co. ....	do. ....	8 50
1202	do.	Martinus Nijhoff .....	do. ....	29 43
1203	do.	John H. Doyle .....	Office supplies .....	1 65
1204	do.	Twin City Ice & Cold Storage Co. ....	Supplies .....	6 00
1205	do.	C. C. Short .....	Field expenses .....	5 00
1206	do.	Strauch Kodak Finishing Shop .....	Supplies .....	53 60
1207	do.	Taylor Hardware Co. ....	Building materials .....	102 60
1208	do.	C. A. Denman .....	do. ....	654 29
1209	do.	D. H. Lloyd .....	Supplies .....	13 29
1210	do.	S. E. Huff & Co. ....	Fixtures .....	31 25
1211	do.	Illinois State Reformatory .....	Envelopes tension .....	164 80
1212	do.	Reliable Plumbing & Heating Co. ....	Plumbing .....	40 08
1213	do.	E. Davenport .....	Traveling expenses .....	30 25
1214	do.	A. S. Nelson & Sons .....	Supplies .....	5 20
1215	do.	J. C. Thomas .....	do. ....	4 02
1216	do.	W. Lewis & Co. ....	do. ....	5 70
1217	do.	General Electric Co. ....	Laboratory apparatus .....	45 63
1218	do.	American Steel & Wire Co. ....	Fencing .....	266 58
1219	Sept. 15	Alfred Bergen .....	Field expenses .....	28 45
1220	do.	Western Union Telegraph Co. ....	Services .....	1 28
1221	do.	C. C. C. & St. L. Ry. Co. ....	Freight .....	39 14
1222	do.	The Wabash R. R. ....	do. ....	110 27
1223	do.	J. E. Whitchurch .....	Traveling expenses .....	58 95
1224	do.	Chas. A. Campbell .....	Field expenses .....	31 29
1225	do.	Harrison Fahrnkopf .....	do. ....	37 03
1226	do.	J. G. Mosier .....	Traveling expenses .....	24 89
1227	do.	A. Floyd Heck .....	Field expenses .....	15 11
1228	do.	F. W. Garrett .....	do. ....	35 24
1229	do.	A. L. Moats .....	do. ....	26 95
1230	do.	H. B. Dörner .....	Traveling expenses .....	42 54
1231	do.	B. S. Packett .....	do. ....	8 59
1232	do.	J. Bowman .....	Farm machinery .....	10 00
1233	do.	Flora Lumber Co. ....	Building materials .....	6 05
1234	do.	J. Bowman .....	Well .....	19 54
1235	do.	The Druggists' Circular .....	Advertising .....	33 33
1236	do.	E. A. White .....	Traveling expenses .....	12 16
1237	Sept. 16	Hoosier Storage Battery Co. ....	Field expenses .....	76 52
1238	do.	W. H. Smith .....	Traveling expenses .....	10 87
1039	do.	W. F. Handschin .....	do. ....	18 59
1240	do.	J. F. Gillespie .....	Traveling expenses and services .....	9 73
1241	do.	F. W. Garrett .....	Traveling expenses .....	13 27
1242	do.	Harry C. Gilkerson .....	do. ....	12 09
1243	do.	Robert W. Stark .....	do. ....	11 66
1244	do.	F. A. Haines .....	Rent .....	715 05
1245	do.	George Strode .....	Awings .....	16 00
1246	do.	Ludowici-Celadon Co. ....	Building materials .....	282 40
1247	do.	E. W. Maynard .....	Walks .....	313 00
1248	do.	Electric Coal Co. ....	Coal .....	987 20
1249	Sept. 17	J. W. Butler Paper Co. ....	Office supplies .....	33 64
1250	do.	Whitall-Tatum Co. ....	Laboratory supplies .....	42 34
1251	do.	American Guernsey Cattle Club .....	Application for registration .....	2 00
1252	do.	Creamery Package Mfg. Co. ....	Rubber apron .....	1 75
1253	do.	Detroit Graphite Co. ....	Paint .....	9 60
1254	do.	Henry F. Michell .....	Supplies .....	19 45
1255	do.	Twin City Bindery & Blank Book Co. ....	Newspaper holders .....	7 20
1256	do.	Library Bureau .....	Supplies .....	13 00
1257	do.	Atlas Ball Co. ....	Laboratory apparatus .....	64 86
1258	do.	Hoskins Mfg. Co. ....	Apparatus repairs .....	5 30
1259	do.	Standard Oil Co. ....	Supplies .....	40 76
1260	do.	Royersford Foundry & Machine Co. ....	Sells roller bearing .....	4 85
1261	do.	Hisey-Wolf Machine Co. ....	Apparatus repairs .....	9 10
1262	do.	Crucible Steel Co. of America .....	Laboratory supplies .....	4 28
1263	do.	National Malleable Castings Co. ....	Supplies .....	7 40
1264	do.	Westerlin & Campbell Co. ....	Apparatus repairs .....	3 54

OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
1913.				
1265	Sept. 17	International Press Clipping Bureau	Clippings service.	\$ 5 00
1266	..do.	Riddiford Bros.	Supplies.	57 00
1267	..do.	Remington Typewriter Co.	Repairs.	1 95
1268	..do.	Central Marine Works.	Services.	9 73
1269	..do.	V. Mueller & Co.	Supplies.	266 40
1270	..do.	Physicians' Supply and Drug Co.	..do.	3 71
1271	..do.	Chicago Towel Co.	..do.	24 00
1272	..do.	F. J. Burns & Co.	Live frogs.	1 20
1273	..do.	Mrs. C. A. McClaey	Hand towels.	10 16
1274	..do.	Chicago Telephone Co.	Services.	11 80
1275	..do.	Hamblev Plumbing Co.	Plumbing.	21 68
1276	..do.	Consumers Co.	Book of ice coupons.	13 00
1277	..do.	Saffell Co.	Supplies.	3 15
1278	..do.	Geo. B. Carpenter & Co.	..do.	6 96
1279	..do.	Truman Fullenwider.	Traveling expenses.	33 90
1280	..do.	F. W. Wascher.	..do.	43 63
1281	..do.	O. M. McGhee.	..do.	13 55
1282	..do.	R. E. Augustus.	..do.	8 89
1283	..do.	Watson Faulkner.	Linseed oil.	1 20
1284	..do.	J. B. Ford Co.	Supplies.	25 00
1285	..do.	Standard Oil Co.	..do.	6 40
1286	..do.	E. G. Mendenhall.	Machinery.	25 00
1287	..do.	Craftsman Publishing Co.	Subscription.	3 00
1288	..do.	Eugene Dietzgen Co.	Furniture.	28 15
1289	..do.	Frank Zencher.	Machine repairs.	1 75
1290	..do.	Waukesha Mfg. Co.	Supplies.	8 50
1291	..do.	F. M. Leslie.	..do.	1 15
1292	..do.	Davis Milk Machinery Co.	Bottle filler.	40 00
1293	..do.	White Hall Sewer Pipe & Stoneware Co.	Building materials.	3 00
1294	..do.	A. S. Nelson & Sons.	Supplies.	3 50
1295	..do.	Missouri Belting Co.	Apparatus repairs.	14 41
1296	..do.	Louden Machinery Co.	Metal manger.	5 50
1297	..do.	Ely Repair Co.	Building materials.	3 20
1298	..do.	Geo. B. Carpenter & Co.	Machinery repairs.	2 07
1299	..do.	Hunter, Rourke & Co.	..do.	4 48
1300	..do.	American Pulley Co.	Laboratory apparatus.	4 01
1301	..do.	Central Electric Co.	Electrical materials.	3 30
1302	..do.	Tuttle & Clark.	Farm machinery.	57 82
1303	..do.	R. W. Braithwaite, V. S.	Services.	12 75
1304	..do.	C. W. Rolfe.	Live stock.	46 24
1305	..do.	Western Roofing & Supply Co.	Laboratory apparatus.	6 33
1306	..do.	W. W. Walls & Co.	Building materials.	25 50
1307	..do.	Dust-All Mfg. Co.	Supplies.	20 00
1308	..do.	National Engraving Co.	Zinc etchings.	25 00
1309	..do.	Western Lumber Co.	Lumber.	7 03
1310	..do.	Prof. James E. Armstrong.	Services.	25 00
1311	..do.	American Hampshire Sheep Assn.	Recording sheep.	7 00
1312	..do.	Cook & Chick Co.	Repairing pipe and sterilizer valve.	8 00
1313	..do.	Gane Brothers & Co.	Straw boards.	14 00
1314	..do.	Inter Ocean Newspaper Co.	Advertising.	40 95
1315	..do.	Maas Brothers.	Supplies.	49 35
1316	..do.	Illinois Medical Journal.	Advertising.	35 00
1317	..do.	Kansen's Express and Van Co.	Services.	3 60
1318	..do.	V. Mueller & Co.	Scissors sharpened.	1 00
1319	..do.	Central Scientific Co.	Acetamide.	2 40
1320	..do.	Morrison Plumber Co.	Supplies.	43 50
1321	..do.	Fuller & Fuller Co.	..do.	29 32
1322	..do.	Woldenberg & Schaar.	Laboratory supplies.	11 00
1323	..do.	Joseph Alexander.	Heat and light supplies.	23 25
1324	..do.	Gaylord Bros.	Pamphlet binders.	198 49
1325	..do.	Keuffel & Esser Co. of New York.	Laboratory supplies.	9 17
1326	..do.	National Drain Tile Co.	Drains.	96 00
1327	..do.	General Electric Co.	Fans.	30 16
1328	..do.	G. C. Willis.	Sign cloth.	3 75
1329	..do.	Fairbanks, Morse & Co.	Grain testers.	65 00
1330	..do.	Williams Bros.	Building materials.	18 79
1331	..do.	Central Electric Co.	Laboratory apparatus.	7 52
1332	..do.	Chas. A. Hall Hardware Co.	Hand axe.	1 10
1333	..do.	A. C. McClurg & Co.	Supplies.	11 14
1334	..do.	William H. Guild & Co.	..do.	5 10
1335	..do.	Walker Vehicle Co.	Equipment repairs.	120 30
1336	..do.	H. M. Hooker Co.	Supplies.	51 39
1337	..do.	Crane Co.	Plumbing.	73 64
1338	..do.	Brown & Sharpe Mfg. Co.	Laboratory apparatus.	93 42
1339	..do.	Joseph T. Ryerson & Son.	Laboratory supplies.	146 97
1340	..do.	Mittendorf & Kiler.	Supplies.	36 60
1341	..do.	G. E. Stechert & Co.	Books.	76 11
1342	..do.	A. C. McClurg & Co.	..do.	47 23
1343	..do.	Leavitt Mfg. Co.	Building materials.	18 29

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
1344	Sept. 17	Mallory & Mitchell	Advertising	\$ 88 16
1345	do	A. H. Barbar Creamery Supply Co.	Laboratory apparatus	23 15
1346	do	Meyer & Wenthe	Office supplies	7 90
1347	do	Bacon Brothers	Supplies	28 69
1348	do	Twin City Roofing & Sheet Metal Works	Building materials	6 85
1349	do	The Tablet & Ticket Co.	Office supplies	7 94
1350	do	Flanigan-Pearson Co.	do	37 00
1351	do	W. Lewis & Co.	Supplies	6 79
1352	do	Percival & Moorehead	do	18 00
1353	do	Creamery Package Mfg. Co.	do	88 58
1354	do	Ernst Hertzgrg & Sons	Binding books	172 49
1355	do	C. C. C. & St. L. Ry. Co.	Freight	27 22
1356	do	Illinois Central R. R. Co.	do	25 81
1357	do	The Wabash R. R.	do	10 26
1358	do	P. J. Foley	Moving horticultural greenhouses	2,240 00
1359	do	Carson-Payson Co.	Plumbing	41 05
1360	do	Metzler & Schafer Co.	Supplies	2 75
1361	do	John H. Doyle	do	15 33
1362	do	D. H. Lloyd	do	11 32
1363	do	E. H. Sargent & Co.	Laboratory supplies	167 66
1364	do	Reliable Plumbing & Heating Co.	Plumbing	7 35
1365	do	S. E. Huff & Co.	Building materials	20 65
1366	do	Miller Harness Co.	Supplies	1 50
1367	do	F. K. Robeson	Laboratory supplies	11 37
1368	do	Illinois State Reformatory	Printing	128 15
1369	do	Alexander Lumber Co.	Supplies	7 96
1370	do	Twin City Ice & Cold Storage Co.	do	8 00
1371	Sept. 18	Champaign Steam Laundry	Laundry	1 35
1372	do	Barnhart Brothers	Building materials	3 25
1373	do	Burr Co.	Supplies	36 79
1374	do	U. of I. Supply Store	do	26 97
1375	do	P. Adams	Labor	151 72
1376	do	W. M. Taylor	Traveling expenses	12 56
1377	do	B. S. Pickett	do	29 92
1378	do	Alfred J. Gunderson	do	25 75
1379	do	Augusta D. Evans	do	15 51
1380	do	A. W. Nolan	do	10 05
1381	do	The Beardsley Hotel	Entertainment	2 50
1382	do	The Carborundum Co.	Supplies	8 60
1383	do	Harris-Dillavou Co.	do	13 00
1384	do	Twin City Ice & Cold Storage Co.	do	4 00
1385	do	Automatic Electric Co.	First selector	15 00
1386	do	Westinghouse Electric & Mfg. Co.	Repairs	1 24
1387	do	Eastman Kodak Co.	Laboratory apparatus	14 90
1388	do	Alex Harmon & Son	Field expenses	14 25
1389	do	Frank Price	Painting	146 00
1390	do	A. C. McClurg & Co.	Books	1 31
1391	do	White Steam Laundry	Laundry	15 83
1392	do	Twin City Roofing & Sheet Metal Works	Building materials	6 40
1393	do	National Engineer	Advertising	4 00
1394	do	Graton & Knight Mfg. Co.	Apparatus repairs	3 51
1395	do	Tice & Lynch	Expenses	17 05
1396	do	G. E. Stechert & Co.	Books	11 63
1397	do	Paul Gottschalk	do	7 20
1398	do	Meyer Y. Wenthe	Office supplies	2 85
1399	do	J. W. Butler Paper Co.	do	232 20
1400	do	Eimer & Amend	Laboratory supplies	91 95
1401	do	E. H. Sargent & Co.	do	244 04
1402	do	G. W. Sheldon & Co.	Duty on books	53 72
1403	do	Knowlton & Bennett	Supplies	1 15
1404	do	Central Electric Co.	Electrical supplies	3 65
1405	do	Alexander Lumber Co.	Laboratory apparatus	11 92
1406	do	Illinois State Reformatory	Printing	6 15
1407	do	Flanigan-Pearson Co.	do	201 63
1408	do	D. H. Lloyd	Supplies	6 25
1409	do	Spalding & Quirk	do	1 20
1410	do	Frederick Post Co.	do	9 00
1411	do	Bryan-Marsh Electric Works	do	35 50
1412	do	Veeder Mfg. Co.	Laboratory apparatus	1 62
1413	do	Barnhart Brothers	Supplies	2 35
1414	do	Urbana Courier Co.	Advertising	15 00
1415	do	E. H. Sargent & Co.	Laboratory supplies	69 34
1416	do	F. K. Robeson	Supplies	6 60
1417	do	Flanigan-Pearson Co.	Printing and publishing	304 00
1418	do	Joseph Schmelik	Wages	24 80
1419	do	William Imhoff	do	18 00
1420	do	Frank J. Shalik	do	7 20
1421	do	W. Imhoff	do	2 20
1422	do	Bert D. Coles	do	7 60

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1913.				
1423	Sept. 19	R. W. Dickenson.....	Traveling expenses.....	\$ 43 68
1424	..do.	S. V. Holt.....	..do.	44 40
1425	..do.	F. W. Gault.....	..do.	13 69
1426	..do.	H. E. Hoskins.....	Field expenses.....	35 38
1427	..do.	O. S. Fisher.....	Drains, farm buildings.....	383 40
1428	..do.	C. G. Hopkins.....	Traveling expenses.....	21 03
1429	..do.	C. C. Logan.....	..do.	22 72
1430	..do.	Harrison Fahrkopf.....	Field expenses.....	23 88
1431	..do.	A. Floyd Heck.....	Traveling expenses.....	13 50
1432	..do.	Eugene Dietzgen Co.....	Laboratory supplies.....	1 20
1433	..do.	Champaign Seed Co.....	Seed.....	11 45
1434	..do.	Chester M. Whitney.....	Supplies.....	6 00
1435	..do.	Irwine W. Maxwell.....	Feeding supplies.....	106 29
1436	..do.	W. F. Hardy.....	Supplies.....	20 63
1437	..do.	Twin City Roofing & Sheet Metal Works.....	Labor and building material.....	6 40
1438	..do.	Electric Appliance Co.....	Laboratory apparatus.....	21 36
1439	..do.	Hoskins Mfg. Co.....	..do.	22 50
1440	..do.	J. Heffeman & Son.....	Laboratory supplies.....	11 20
1441	..do.	F. A. Hawley.....	Concrete work.....	36 00
1442	..do.	John Reichard.....	Corn.....	420 53
1443	..do.	The Silver Mfg. Co.....	Apparatus repairs.....	37 00
1444	..do.	Dryer & Burt.....	Corn.....	211 17
1445	..do.	Frank Bireley.....	Straw.....	157 76
1446	..do.	Zenmer Disinfectant Co.....	Supplies.....	6 25
1447	..do.	Imperial Cotto Milling Co.....	Feeding supplies.....	113 84
1448	..do.	Illinois State Reformatory.....	Printing.....	3 75
1449	..do.	American Multigraph Sales Co.....	Supplies.....	1 58
1450	..do.	Morse Chain Co.....	Laboratory apparatus.....	41 55
1451	..do.	Dodge Mfg. Co.....	..do.	10 03
1452	..do.	U. S. Reduction Co.....	Laboratory supplies.....	52 26
1453	..do.	Cochrane-Bly Co.....	Laboratory apparatus.....	11 70
1454	..do.	Gustav Fock.....	Books.....	15,000 00
1455	..do.	Tice & Lynch.....	Expenses.....	350 45
1456	..do.	McKey & Poague.....	Rent.....	500 00
1457	..do.	American Boiler Welding Co.....	Machinery repairs.....	70 59
1458	..do.	C. W. Johnson.....	..do.	3 70
1459	..do.	Babcock & Wilcox Co.....	..do.	17 04
1460	..do.	Wilson Brothers.....	Traveling expenses.....	7 50
1461	..do.	John Schroeder Lumber Co.....	Supplies.....	32 61
1462	..do.	McIntosh Stereopticon Co.....	Laboratory supplies.....	5 86
1463	..do.	Bacon Brothers.....	Supplies.....	1 50
1464	..do.	L. G. Hubbard.....	..do.	284 05
1465	..do.	Dallenbach Brothers.....	Laboratory supplies.....	2 70
1466	..do.	Fred C. Hubbard.....	Alfalfa.....	33 18
1467	..do.	Williams Brothers.....	Building materials.....	74 48
1468	..do.	A. H. Barber Creamery Supply Co.....	Apparatus repairs.....	22 80
1469	..do.	Benedict Wrench Co.....	Tools.....	10 80
1470	..do.	Walker & Mulliken.....	Fixtures.....	14 95
1471	..do.	Mittendorf & Klier.....	Curtain rods and fixtures.....	1 79
1472	..do.	Percival & Moorehead.....	Fencing.....	1 15
1473	..do.	Eisner Grocery Co.....	Supplies.....	3 36
1474	..do.	Lansing Co.....	Laboratory apparatus.....	7 35
1475	..do.	G. Gennert.....	Laboratory supplies.....	10 18
1476	..do.	H. Swannell & Son.....	..do.	3 35
1477	..do.	Central Electric Co.....	Electric materials.....	106 90
1478	..do.	Chicago Retort & Fire Brick Co.....	Machinery repairs.....	135 00
1479	..do.	Reliable Plumbing & Heating Co.....	Plumbing.....	36 15
1480	..do.	Alexander Lumber Co.....	Fencing.....	143 73
1481	..do.	Tablet & Ticket Co.....	Office supplies.....	1 58
1482	..do.	The Letter Shop.....	Clerical assistance.....	37 20
1483	..do.	Spaulding & Quirk.....	Laboratory apparatus.....	6 40
1484	..do.	Barnhart Brothers.....	Supplies.....	3 30
1485	..do.	Chester Horseshoeing Shop.....	Field expenses.....	55 75
1486	..do.	Meyer & Wenthe.....	Office supplies.....	4 70
1487	..do.	Taylor Hardware Co.....	Building materials.....	94 15
1488	..do.	Chas. A. Hall Hardware Co.....	Supplies.....	17 91
1489	..do.	Twin City Printing Co.....	Office supplies.....	3 90
1490	..do.	Champaign Steam Laundry.....	Laundry.....	29 28
1491	..do.	U. of I. Supply Store.....	Office supplies.....	10 79
1492	..do.	The Burr Co.....	Machinery repairs.....	56 17
1493	..do.	Mallory & Mitchell.....	Advertising.....	400 36
1494	..do.	Chicago Examiner.....	..do.	161 19
1495	..do.	Demonstrators' Assn.....	Expenses.....	20 00
1496	..do.	Inter Ocean Newspaper Co.....	Advertising.....	68 55
1497	..do.	James H. Carter.....	Field expenses.....	82 85
1498	..do.	L. A. Hunter.....	Traveling and field expenses.....	14 14
1499	..do.	A. S. Ambrose.....	Traveling expenses.....	9 00
1500	..do.	G. Cramer Dry Plate Co.....	Laboratory supplies.....	2 18
1501	..do.	Scudamore Brothers.....	Supplies.....	2 67



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
1502	Sept. 19	A. J. Gahan.....	Setting tires.....	\$ 3 50
1503	..do....	Weston Electrical Instrument Co.....	Appratus repairs.....	13 25
1504	Sept. 22	Hunter, Rourke & Co.....	Building materials.....	17 52
1505	..do....	George M. Hinkley.....	Traveling expenses.....	16 08
1506	..do....	Robert W. Stark.....	Field expenses.....	28 67
1507	..do....	Truman Fullenwider.....	Traveling expenses.....	25 07
1508	..do....	E. B. Walton.....	Field expenses.....	89 44
1509	..do....	Warren A. Ruth.....	Traveling expenses.....	3 06
1510	..do....	J. J. Yoke.....	..do....	52 88
1511	..do....	Mrs. E. B. Walton.....	Field expenses.....	76 50
1512	..do....	Pay roll.....		77,928 30
		Filbey, E. J.....	Salary, September, 1914.....	\$ 183 33
		James, Edmund J.....	..do....	1,000 00
		Frazer, George E.....	..do....	300 00
		Smith, Adelle C.....	..do....	60 00
		Fiero, E. E.....	..do....	50 00
		Warnock, A. R.....	..do....	150 00
		Kyle, Martha J.....	..do....	50 00
		Hollister, H. A.....	..do....	270 83
		Carson, H. Y.....	..do....	125 00
		Kelley, R. L.....	..do....	100 00
		Rice, G. B.....	..do....	250 00
		White, J. M.....	..do....	416 66
		Davenport, Eugene.....	..do....	500 00
		Rietz, H. L.....	..do....	100 00
		Roberts, Elmer.....	..do....	50 00
		Evans, Augusta D.....	..do....	83 33
		Checkley, J. H.....	..do....	83 33
		Jamison, A. W.....	..do....	166 66
		Miller, W. P.....	..do....	41 66
		Nolan, A. W.....	..do....	200 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
		Clevenger, C. D.....	..do....	70 00
		Dickerson, I. W.....	..do....	133 33
		Dickinson, R. W.....	..do....	83 33
		Ebersol, E. T.....	..do....	60 00
		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
		Gernert, 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
		Hopkins, C. G.....	..do....	416 66
		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
		Park, J. B.....	..do....	150 00
		Pettit, J. H.....	..do....	250 00
		Reed, C. O.....	..do....	120 00
		Sachs, W. H.....	..do....	133 33
		Schoonhover, W. R.....	..do....	70 00
		Smith, L. H.....	..do....	266 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
		Whitchurch, J. E.....	..do....	150 00
		Whiting, A. L.....	..do....	150 00
		Warto, D. O.....	..do....	200 00
		Bull, Sleeter.....	..do....	133 33
		Carmichael, W. J.....	..do....	91 66
		Coffey, W. C.....	..do....	266 66
		Defleisen, J. A.....	..do....	200 00
		Edmonds, J. L.....	..do....	208 33

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1512	1913. Sept. 22	Grindley, H. S.	Salary, September, 1913..	\$291 66
Ctd.		Hall, L. D.	do.	112 50
		Handschin, W. F.	do.	200 00
		Joseph, W. E.	do.	150 00
		Mitchell, H. H.	do.	133 33
		Mumford, H. W.	do.	416 66
		Newlin, C. I.	do.	100 00
		Place, V. A.	do.	100 00
		Rusk, H. P.	do.	208 33
		Simpson, F. M.	do.	133 33
		Smith, W. H.	do.	125 00
		Yoke, J. J.	do.	83 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.	116 66
		Keller, O. A.	do.	91 66
		Lang, LeRoy	do.	175 00
		Parker, H. N.	do.	200 00
		Pearson, F. A.	do.	91 66
		Ruehe, H. A.	do.	133 33
		Yapp, W. W.	do.	91 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
		Fogleson, L. E.	do.	116 66
		Gunderson, A. J.	do.	100 00
		Hoffman, R. W.	do.	70 00
		Lloyd, J. W.	do.	291 66
		Miller, Wilhelm	do.	250 00
		Muncie, F. W.	do.	83 33
		Nehrling, A. H.	do.	150 00
		Peltier, G. L.	do.	83 33
		Pickett, B. S.	do.	250 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
		Bevier, Isabel	do.	250 00
		Crigler, Nina B.	do.	116 66
		Felming, Georgia	do.	100 00
		Goldthwaite, Nellie E.	do.	187 50
		Gray, Cora E.	do.	116 66
		Harrison, Florence	do.	100 00
		Pincomb, Helena M.	do.	133 33
		Seymour, Lurene	do.	150 00
		Stevens, Grace E.	do.	110 00
		Wheeler, Ruth	do.	141 66
		McIntosh, Donald	do.	208 33
		Burton, S. C.	do.	140 00
		Corrubia, A. B. M.	do.	160 00
		Cowley, F. K.	do.	120 00
		Forsythe, J. H.	do.	150 00
		Jones, R. T.	do.	160 00
		Kellogg, J. M.	do.	150 00
		Kimball, A. H.	do.	150 00
		Provine, L. H.	do.	291 66
		Ricker, N. C.	do.	291 66
		Wells, N. A.	do.	104 16
		Fehrenkamp, Winifred	do.	70 00
		Baker, I. O.	do.	333 33
		Bowling, B. L.	do.	83 33
		Davis, R. E.	do.	120 00
		Garver, N. B.	do.	141 66
		McDaniel, A. B.	do.	229 16
		G. W. Pickels	do.	150 00
		Raynor, W. H.	do.	130 00
		Smith, J. E.	do.	150 00
		Wiley, C. C.	do.	141 66
		Blagler, P. S.	do.	166 66
		Brooks, Morgan	do.	250 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1512	1913. Sept. 22	Bryant, J. M. ....	Salary, September, 1913..	\$229 16
Ctd.		Fisk, I. W. ....	do. ....	133 33
		James, L. V. ....	do. ....	133 33
		Knight, A. R. ....	do. ....	150 00
		Paine, E. B. ....	do. ....	250 00
		Waldo, E. H. ....	do. ....	166 66
		Abrams, D. A. ....	do. ....	150 00
		Chittenden, A. K. ....	do. ....	229 16
		Dunn, H. H. ....	do. ....	116 66
		Keller, R. B. ....	do. ....	166 66
		Kratz, A. P. ....	do. ....	133 33
		Moore, H. F. ....	do. ....	229 16
		Slater, W. A. ....	do. ....	150 00
		Vedder, J. N. ....	do. ....	133 33
		Yensen, T. D. ....	do. ....	133 33
		Crane, Rufus. ....	do. ....	100 00
		Jordan, H. H. ....	do. ....	140 00
		Miller, H. W. ....	do. ....	183 33
		Nelson, W. S. ....	do. ....	30 00
		Porter, F. M. ....	do. ....	125 00
		Rugg, H. O. ....	do. ....	150 00
		Steward, R. K. ....	do. ....	141 66
		Benedict, B. W. ....	do. ....	291 66
		Dent, J. A. ....	do. ....	150 00
		Domonske, A. B. ....	do. ....	140 00
		Duncan, J. M. ....	do. ....	90 00
		Eames, H. S. ....	do. ....	140 00
		Ellis, Frederick. ....	do. ....	150 00
		Frisk, J. A. ....	do. ....	91 66
		Godeke, H. F. ....	do. ....	130 00
		Goodenough, G. A. ....	do. ....	291 66
		Harding, L. A. ....	do. ....	291 66
		Kennedy, R. E. ....	do. ....	120 00
		Lanham, E. T. ....	do. ....	120 00
		Leutwiler, O. A. ....	do. ....	241 66
		Pendleton, J. C. ....	do. ....	100 00
		Radebaugh, G. H. ....	do. ....	110 00
		Rebman, P. J. ....	do. ....	80 00
		Richards, C. R. ....	do. ....	479 16
		Scroggin, D. L. ....	do. ....	120 00
		Torrance, F. C. ....	do. ....	110 00
		Waterfall, H. W. ....	do. ....	130 00
		Andros, S. O. ....	do. ....	25 00
		Holbrook, E. A. ....	do. ....	208 33
		Stoek, H. H. ....	do. ....	416 66
		Babbitt, H. E. ....	do. ....	140 00
		Boomsliter, G. P. ....	do. ....	170 00
		Enger, M. L. ....	do. ....	187 50
		Ensign, N. E. ....	do. ....	150 00
		Fleming, V. R. ....	do. ....	150 00
		Gardner, Harry. ....	do. ....	140 00
		Gonnerman, H. F. ....	do. ....	150 00
		Noerenberg, C. E. ....	do. ....	170 00
		Seely, F. B. ....	do. ....	170 00
		Talbot, A. N. ....	do. ....	416 66
		Vallance, Alexander. ....	do. ....	140 00
		Bair, W. H. ....	do. ....	50 00
		Carman, A. P. ....	do. ....	416 66
		Karrer, Sebastian. ....	do. ....	70 00
		Knipp, C. T. ....	do. ....	233 33
		Kunz, Jakob. ....	do. ....	208 33
		Nathanson, J. B. ....	do. ....	50 00
		Schulz, W. F. ....	do. ....	183 33
		Randolph, O. A. ....	do. ....	90 00
		Shook, G. A. ....	do. ....	120 00
		Smith, O. H. ....	do. ....	95 00
		Watson, F. R. ....	do. ....	229 16
		Warner, E. H. ....	do. ....	80 00
		Williams, E. H. ....	do. ....	141 66
		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
		Hale, W. G. ....	do. ....	291 66
		Harker, O. A. ....	do. ....	416 66
		Pomeroy, J. N. ....	do. ....	208 33
		Vernier, C. G. ....	do. ....	291 66

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1512 Ctd.	1913. Sept. 22	Andrews, O. M.....	Salary, September, 1913..	\$ 83 33
		Babcock, K. C.....	do.....	416 66
		Meyer, G. H.....	do.....	20 83
		Bradbury, C. E.....	do.....	120 00
		Kelley, C. F.....	do.....	150 00
		Lake, E. J.....	do.....	187 50
		Wetmore, Mary M.....	do.....	150 00
		Bond, J. J. D.....	do.....	30 00
		Reed, F. W.....	do.....	140 00
		Stebbins, Joel.....	do.....	291 66
		Burton, L. V.....	do.....	60 00
		Rahn, Otto.....	do.....	225 00
		Brigham, R. O.....	do.....	60 00
		Hague, Stella M.....	do.....	90 00
		Hottes, C. F.....	do.....	250 00
		Lamkey, E. M. R.....	do.....	60 00
		LeCato, J. M.....	do.....	60 00
		McDougall, W. B.....	do.....	120 00
		Parr, Rosalie M.....	do.....	80 00
		Scherfee, S. H.....	do.....	30 00
		Treleese, Wm.....	do.....	416 66
		Waggoner, H. D.....	do.....	60 00
		Whitten, J. H.....	do.....	60 00
		Hursh, R. K.....	do.....	150 00
		Radcliffe, B. S.....	do.....	120 00
		Rand, C. C.....	do.....	80 00
		Stull, R. T.....	do.....	250 00
		Adams, W. C.....	do.....	10 00
		Allen, C. H.....	do.....	50 00
		Baker, R. E.....	do.....	35 00
		Balke, C. W.....	do.....	250 00
		Bates, S. J.....	do.....	100 00
		Beal, G. D.....	do.....	140 00
		Braley, S. A.....	do.....	10 00
		Broderson, H. J.....	do.....	120 00
		Charlton, E. F.....	do.....	30 00
		Carter, H. M.....	do.....	30 00
		Clark, K. A.....	do.....	35 00
		Cohen, Joseph.....	do.....	10 00
		Cohn, Alexander.....	do.....	10 00
		Darrah, Juanita E.....	do.....	30 00
		Davissou, B. S.....	do.....	60 00
		Derick, C. G.....	do.....	166 66
		Engle, E. W.....	do.....	50 00
		Englis, D. T.....	do.....	30 00
		Foster, L. F.....	do.....	50 00
		Gilmore, R. E.....	do.....	30 00
		Hecker, C. H.....	do.....	100 00
		Hess, R. W.....	do.....	50 00
		Hewes, C. K.....	do.....	60 00
		Honovski, B. R.....	do.....	80 00
		Hopkins, B. S.....	do.....	140 00
		Janson, J. M.....	do.....	10 00
		Kremmers, H. C.....	do.....	30 00
		MacArthur, C. G.....	do.....	150 00
		MacInnes, D. A.....	do.....	140 00
		Nelson, R. A.....	do.....	10 00
		Noyes, W. A.....	do.....	416 66
		Parr, S. W.....	do.....	333 33
		Prasil, Anton.....	do.....	10 00
		Read, J. W.....	do.....	60 00
		Rich, P. C.....	do.....	10 00
		Ruby, G. B.....	do.....	10 00
		Scholl, Clarence.....	do.....	30 00
		Sears, G. W.....	do.....	60 00
		Sievert, C. W. J.....	do.....	10 00
		Skinner, G. S.....	do.....	10 00
		Smith, G. M.....	do.....	166 66
		Smith, L. D.....	do.....	100 00
		Snook, J. D.....	do.....	10 00
		Straw, W. A.....	do.....	10 00
		Taylor, E. H.....	do.....	30 00
		Taylor, S. C.....	do.....	50 00
		Thorp, Lambert.....	do.....	120 00
		Tippett, R. W.....	do.....	30 00
		Valentine, H. D.....	do.....	30 00
		Van Zoeren, G. J.....	do.....	60 00
		Washburn, E. W.....	do.....	291 66
		Weber, H. C. P.....	do.....	166 66

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1512	1913.			
<i>Ctd.</i>	Sept. 22	Weiland, H. J.	Salary, September, 1913..	\$ 35 00
		Wichers, Edward	do.	30 00
		Wildman, E. A.	do.	50 00
		Bogart, E. L.	do.	291 66
		Dewsnup, E. R.	do.	250 00
		Litman, Simon	do.	208 33
		Prickett, A. L.	do.	40 00
		Robinson, M. H.	do.	250 00
		Scoville, H. T.	do.	200 00
		Thompson, J. G.	do.	180 00
		Weston, N. A.	do.	250 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
		Anderson, L. F.	do.	229 16
		Bagley, W. C.	do.	416 66
		Coffman, L. D.	do.	291 66
		Hallquest, A. L.	do.	50 00
		Johnston, C. H.	do.	291 66
		Miller, W. S.	do.	150 00
		Alden, R. M.	do.	375 00
		Baldwin, E. C.	do.	175 00
		Boyer, C. V.	do.	140 00
		Buchen, W. A.	do.	150 00
		Clark, T. A.	do.	500 00
		Creek, H. L.	do.	140 00
		Curl, M. J.	do.	140 00
		Dodge, D. K.	do.	270 83
		Fulton, Edward	do.	175 00
		Goodwin, T. G.	do.	100 00
		Guild, T. H.	do.	125 00
		Gwinn, Alta	do.	90 00
		Harbarger, Sada A.	do.	100 00
		Jones, E. S.	do.	120 00
		Jones, H. S. V.	do.	183 33
		Jordan, J. C.	do.	100 00
		Kelso, Ruth	do.	100 00
		Kyle, Martha J.	do.	130 00
		Landee, Marion	do.	45 00
		Loomis, G. S.	do.	120 00
		McJohnston, Harrison	do.	120 00
		Paul, H. G.	do.	208 33
		Rinaker, Clarissa	do.	110 00
		Sarett, L. R.	do.	100 00
		Schoepperle, Gertrude	do.	130 00
		Scott, F. W.	do.	200 00
		Sherman, S. P.	do.	308 33
		Stanley, T. B.	do.	50 00
		Sutcliffe, E. G.	do.	100 00
		Tieje, A. J.	do.	120 00
		Whicher, G. F.	do.	110 00
		Woolbert, C. H.	do.	166 66
		Zeitlin, Jacob	do.	133 33
		Folsom, J. W.	do.	208 33
		Forbes, S. A.	do.	83 33
		Glasgow, Hugh	do.	120 00
		MacGillivray, A. D.	do.	250 00
		Peterson, Alvah	do.	60 00
		Bayley, W. S.	do.	250 00
		Fleener, F. L.	do.	40 00
		Heitkamp, G. W.	do.	40 00
		Rich, J. L.	do.	150 00
		Rolle, C. W.	do.	250 00
		Ross, C. S.	do.	40 00
		Savage, T. E.	do.	208 33
		Barto, P. S.	do.	100 00
		Brooks, N. C.	do.	208 33
		Flom, G. T.	do.	233 33
		Goebel, Julius	do.	312 50
		Green, Alexander	do.	120 00
		Held, F. E.	do.	50 00
		Koller, A. H.	do.	130 00
		Lessing, O. E.	do.	291 66
		Meyer, G. H.	do.	208 33
		Poor, C. M.	do.	150 00
		Williams, C. A.	do.	150 00
		Zucker, A. E.	do.	50 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1512 Ctd.	1913. Sept. 22	Alvord, C. W. ....	Salary, September, 1913..	\$145 83
		Brush, Elizabeth P. ....	do. ....	90 00
		Buck, S. J. ....	do. ....	150 00
		Cole, A. C. ....	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
		Burns, Josephine E. ....	do. ....	100 00
		Chittenden, E. W. ....	do. ....	120 00
		Crathorne, A. R. ....	do. ....	166 66
		Denton, W. W. ....	do. ....	140 00
		Emch, Arnold. ....	do. ....	187 50
		Hebbert, C. M. ....	do. ....	60 00
		Kempner, A. J. ....	do. ....	140 00
		Lytile, E. B. ....	do. ....	150 00
		Miller, G. A. ....	do. ....	291 66
		Rietz, H. L. ....	do. ....	158 33
		Rowland, S. A. ....	do. ....	60 00
		Rutledge, George. ....	do. ....	60 00
		Shaw, J. B. ....	do. ....	229 16
		Sisam, C. H. ....	do. ....	183 33
		Smith, G. W. ....	do. ....	60 00
		Stouffer, E. B. ....	do. ....	130 00
		Townsend, E. J. ....	do. ....	333 33
		Wahlin, G. E. ....	do. ....	116 66
		Zeis, H. C. ....	do. ....	60 00
		Beard, J. H. ....	do. ....	130 00
		Burge, W. E. ....	do. ....	183 33
		Neill, Alma J. ....	do. ....	60 00
		Bode, B. H. ....	do. ....	291 66
		Daniels, A. H. ....	do. ....	333 33
		Geyer, D. L. ....	do. ....	50 00
		Shepard, Queen L. ....	do. ....	110 00
		Dodd, W. F. ....	do. ....	191 66
		Fairlie, J. A. ....	do. ....	291 66
		Garner, J. W. ....	do. ....	333 33
		Hanford, A. C. ....	do. ....	50 00
		Mathews, J. M. ....	do. ....	150 00
		Bentley, Madison. ....	do. ....	270 83
		Ruckmich, C. A. ....	do. ....	130 00
		Sutherland, A. H. ....	do. ....	150 00
		Vance, T. J. ....	do. ....	90 00
		Beck, J. B. ....	do. ....	166 66
		Carnahan, D. H. ....	do. ....	112 50
		Carry, Charles. ....	do. ....	110 00
		Eppels, Joseph. ....	do. ....	90 00
		FitzGerald, II, J. D. ....	do. ....	225 00
		Moore, O. H. ....	do. ....	100 00
		Oliver, T. E. ....	do. ....	250 00
		Schulters, J. R. ....	do. ....	80 00
		Turner, L. M. ....	do. ....	150 00
		Wesenberg, T. G. ....	do. ....	90 00
		Hayes, E. C. ....	do. ....	275 00
		Todd, A. J. ....	do. ....	141 66
		Adams, C. C. ....	do. ....	137 50
		Chenoweth, H. E. ....	do. ....	30 00
		Faust, E. C. ....	do. ....	60 00
		Green, Bessie R. ....	do. ....	60 00
		Hanson, F. B. ....	do. ....	50 00
		Heimbürger, H. V. ....	do. ....	60 00
		Johnson, Gertrude. ....	do. ....	40 00
		Kingsley, J. S. ....	do. ....	291 66
		Linkins, R. H. ....	do. ....	60 00
		May, H. G. ....	do. ....	30 00
		Smith, Frank. ....	do. ....	250 00
		Stunkard, H. W. ....	do. ....	30 00
		VanCleave, H. J. ....	do. ....	120 00
		Ward, H. B. ....	do. ....	416 66
		Wells, Grace E. ....	do. ....	30 00
		Zeleny, Charles. ....	do. ....	250 00
		Harding, A. A. ....	do. ....	180 00
		Kirkup, Florence M. ....	do. ....	100 00
		Mills, C. H. ....	do. ....	225 00
		Morphy, E. W. ....	do. ....	170 00
		Nasmyth, H. D. ....	do. ....	170 00
		Schwartz, G. F. ....	do. ....	183 33
		Simon, Anna. ....	do. ....	100 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
1512	Sept. 22	Smith, Constance Barlow.....	Salary, September, 1913..	\$166 66
<i>Cld.</i>		Townsend, L. L.....	do.....	120 00
		Treat, Edna A.....	do.....	100 00
		Van den Berg, H. J.....	do.....	180 00
		Bond, Ethel.....	do.....	83 33
		Curtis, Florence R.....	do.....	133 33
		Reece, E. J.....	do.....	133 33
		Simpson, Frances.....	do.....	166 66
		Kinley, David.....	do.....	583 33
		Wright, A. B.....	do.....	50 00
		Colson, H. W.....	do.....	100 00
		Clark, A. H.....	do.....	150 00
		Day, W. B.....	do.....	108 33
		Day, W. B.....	do.....	100 00
		Eicher, B. L.....	do.....	100 00
		Fantus, Bernard.....	do.....	50 00
		Gathercoal, E. N.....	do.....	130 00
		Snow, C. M.....	do.....	150 00
		Carrithers, I. R.....	do.....	60 00
		Gill, H. L.....	do.....	220 00
		Hana, L. G.....	do.....	170 00
		Huff, G. A.....	do.....	416 66
		Jones, R. R.....	do.....	120 00
		Menley, E. J.....	do.....	90 00
		Pengilly, H. E.....	do.....	10 00
		Brooks, Verna.....	do.....	90 00
		Gaut, Rosa Lee.....	do.....	40 00
		Hitt, Agnes.....	do.....	20 00
		Hughitt, Anna L.....	do.....	100 00
		Landee, Marion C.....	do.....	45 00
		Moulton, Gertrude E.....	do.....	133 33
		Shoemaker, Ruth.....	do.....	70 00
		Craig, Jennie A.....	do.....	80 00
		Drury, F. K. W.....	do.....	200 00
		Felsenthal, Emma.....	do.....	83 33
		Goulding, P. S.....	do.....	166 66
		Herdman, Margaret.....	do.....	75 00
		Hodnefield, Jacob.....	do.....	125 00
		Hutchins, Margaret.....	do.....	83 33
		Janvrin, Charles.....	do.....	41 66
		Johnson, Alice.....	do.....	83 33
		Jutton, Emma R.....	do.....	100 00
		Kaiser, J. B.....	do.....	150 00
		Karsten, Eleanor G.....	do.....	100 00
		Leatherman, Marian.....	do.....	75 00
		Patton, Adah.....	do.....	91 66
		Torrance, Mary.....	do.....	75 00
		Windsor, P. L.....	do.....	291 66
		Wyeth, Ola M.....	do.....	80 00
		Bollman, Minnie J. (Student).....	do.....	32 50
		Hubbard, Marie E (Student).....	do.....	27 50
		Mitchell, Marguerite (Student).....	do.....	52 50
		Troy, Mary Z (Student).....	do.....	65 00
1513	Sept. 22	Pay roll (civil service).....		\$7,030 11
		Alexander, Lilla.....	Salary, September, 1913..	65 00
		Alley, W. E.....	do.....	85 00
		Amos, Winifred L.....	do.....	75 00
		Atkinson, E. C.....	do.....	141 66
		Blackwell, Mary.....	do.....	55 00
		Boice, L. A.....	do.....	125 00
		Broadhurst, Tabitha J.....	do.....	75 00
		Brown, Ina M.....	do.....	60 00
		Bryan, Sarah E.....	do.....	70 00
		Buckler, Helen I.....	do.....	50 00
		Crawford, C. C.....	do.....	65 00
		Cunningham, H. E.....	do.....	150 00
		Dalton, C. E.....	do.....	50 00
		Emigh, Edith.....	do.....	70 00
		Feind, Frances.....	do.....	80 00
		Fieg, Robert.....	do.....	50 00
		Fraser, Viola.....	do.....	65 00
		Goetz, Antoinette.....	do.....	70 00
		Good, Elizabeth.....	do.....	50 00
		Gordon, Marie A.....	do.....	55 00
		Griffith, Mabel.....	do.....	70 00
		Hamilton, Alice V.....	do.....	75 00
		Havens, Charles.....	do.....	120 00
		Hay, N.....	do.....	166 66
		Hayes, Burt.....	do.....	70 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1513	1913.			
Cl.	Sept. 22	Heater, Myrtle E.....	Salary, September, 1913..	\$ 60 00
		Houchens, Josie B.....	do.....	83 33
		Hull, A. H.....	do.....	65 00
		Humrichouse, Katie L.....	do.....	50 00
		Johnson, Gertrude E.....	do.....	55 00
		Kelley, J. H.....	do.....	183 33
		Kirwin, Nora.....	do.....	28 33
		Knapp, Aurella.....	do.....	75 00
		Knorr, L. E.....	do.....	150 00
		Lamb, Allie B.....	do.....	55 00
		Lee, A. R.....	do.....	91 66
		Leitz, Louise A.....	do.....	40 00
		Lund, Stella.....	do.....	55 00
		McConn, C. M.....	do.....	250 00
		McGurty, Agnes.....	do.....	83 33
		Manspeaker, L. Mae.....	do.....	83 33
		Mathers, Jennie.....	do.....	50 00
		Meneley, Maude E.....	do.....	50 00
		Meseck, R.....	do.....	65 00
		Miller, C. F.....	do.....	90 00
		Morey, Lloyd.....	do.....	125 00
		Morrow, J. A.....	do.....	166 66
		Murphy, Morris.....	do.....	110 00
		Nyberg, F. A.....	do.....	50 00
		Oberdorfer, H. D.....	do.....	200 00
		Packard, Bessie.....	do.....	75 00
		Peel, Elizabeth C.....	do.....	75 00
		Peel, Thomas.....	do.....	66 00
		Post, Frederick.....	do.....	75 00
		Postlewait, Harriet L.....	do.....	55 00
		Powell, B. E.....	do.....	191 66
		Renz, Myrtle.....	do.....	75 00
		Ricketts, Clara.....	do.....	60 00
		Robertson, Nellie.....	do.....	70 00
		Rogers, Della M.....	do.....	40 00
		Scanlan, Mary.....	do.....	60 00
		Sharp, Bertha L.....	do.....	55 00
		Shepard, Anna L.....	do.....	100 00
		Showers, T. J.....	do.....	125 00
		Slater, Sara M.....	do.....	60 00
		Smith, Florence E.....	do.....	75 00
		Smith, Jessie A.....	do.....	50 00
		Smith, I. M.....	do.....	125 00
		Smith, Mayme L.....	do.....	65 00
		Staples, O. E.....	do.....	150 00
		States, Bertha G.....	do.....	50 00
		Stevens, Sabra.....	do.....	65 00
		Steitz, Alfred.....	do.....	85 00
		Thompson, M. E.....	do.....	90 00
		Towne, L. J.....	do.....	175 00
		Tuttle, G. P.....	do.....	100 00
		Tyrrell, Josephine.....	do.....	50 00
		Voight, Lida E.....	do.....	83 33
		Wyninger, H. T.....	do.....	60 00
		Ellis, E. R.....	do.....	50 00
		Leonard, Russell.....	do.....	45 83
		Ressler, Milton.....	do.....	80 00
		Wright, G. E.....	do.....	125 00
1514	Sept. 23	Wm. Webb.....	Field expenses.....	\$120 68
1515	do.....	Raymond G. Goist.....	do.....	57 38
1516	do.....	H. C. Wheeler.....	Traveling expenses.....	45 42
1517	do.....	George M. Hinkley.....	do.....	17 94
1518	do.....	J. E. Whitchurch.....	do.....	21 24
1519	do.....	F. W. Garrett.....	Traveling and field expenses.....	14 08
1520	do.....	H. C. Gilkerson.....	Traveling expenses.....	9 79
1521	do.....	E. E. Hoskins.....	Field expenses.....	33 66
1522	do.....	O. S. Fisher.....	do.....	86 10
1523	do.....	Charles J. Davis.....	Apparatus repairs.....	52 50
1524	do.....	Woldenberg & Schaar.....	Laboratory apparatus and sup- plies.....	48 00
1525	do.....	R. W. McCready Cork Co.....	Laboratory supplies.....	22 05
1526	do.....	Bausch & Lomb Optical Co.....	Laboratory apparatus.....	49 20
1527	do.....	Bausch & Lomb Optical Co.....	do.....	54 00
1528	do.....	M. Izenstark.....	General supplies.....	12 95
1529	do.....	General Chemical Co.....	Laboratory supplies.....	6 75
1530	do.....	E. H. Sargent & Co.....	Fixtures.....	12 00
1531	do.....	The Oliver Typewriter Co.....	Office equipment repairs.....	6 15
1532	do.....	Neostyle Co.....	Office supplies.....	7 25
1533	do.....	Fuller & Fuller Co.....	Laboratory supplies.....	11 11



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
1534	Sept. 24	The Bourne-Fuller Co.	Plumbing materials.	\$ 470 31
1535	do.	Brown's Business School.	Clerical assistance.	15 00
1536	do.	Fuller & Fuller Co.	Supplies.	15 50
1537	do.	The Chicago Tribune.	Clerk.	1 75
1538	do.	Morrison, Plummer & Co.	Carbolic acid.	67 50
1539	do.	V. Mueller & Co.	Supplies.	14 25
1540	do.	Goodhart's Laundry.	Laundry.	42 05
1541	do.	Hetherington & Berner.	Laboratory supplies.	45 00
1542	do.	The Jeffrey Mfg. Co.	Laboratory apparatus.	17 24
1543	do.	S. Obermayer Co.	Laboratory supplies.	24 54
1544	do.	Adams Co.	Laboratory apparatus.	13 50
1545	do.	D. T. Heiwlich.	Live stock.	25 00
1546	do.	Street Gate Co.	Fencing.	7 40
1547	do.	Soft Water Laundry.	Laundry.	19 74
1548	do.	Burroughs Adding Machine Co.	Office equipment repairs.	1 25
1549	do.	Fairfield Lumber Co.	Fencing.	20 59
1550	do.	General Electric Co.	Office equipment.	15 08
1551	do.	C. U. Johnson.	Laboratory apparatus repairs.	24 00
1552	do.	Driver Haris Wire Co.	Laboratory supplies.	13 62
1553	do.	Geo. B. Carpenter & Co.	Colored Cotton waste.	13 78
1554	do.	V. Mueller & Co.	Wheel stretcher.	36 00
1555	do.	Lansing Co.	Farm machinery.	113 75
1556	do.	C. C. Logan.	Traveling expenses.	17 76
1557	do.	F. W. Wascher.	do.	46 36
1558	do.	R. W. Dickenson.	do.	43 35
1559	do.	Robert W. Stark.	Field expenses.	25 63
1560	do.	A. L. Moats.	do.	21 35
1561	do.	P. D. Long.	do.	70 85
1562	do.	National Engraving Co.	Printing and publishing.	78 65
1563	do.	S. C. Tucker.	Office supplies.	1 00
1564	do.	C. C. Short.	Field expenses.	1 50
1565	do.	National Drain Tile Co.	Drains.	78 90
1566	do.	Alex Harmon & Son.	Horseshoeing and repair work.	14 25
1567	do.	Robert Craig Co.	Laboratory supplies.	30 00
1568	do.	The Florist's Trade Journal Co.	Subscription.	1 00
1569	do.	The Garlock Packing Co.	Machinery repairs.	7 73
1570	do.	Messrs. Woldenberg & Schaar.	Laboratory supplies.	43 55
1571	do.	American Multigraph Sales Co.	Office supplies.	1 00
1572	do.	Flanigan-Pearson Co.	Printing.	20 00
1573	do.	Woodbury Lake Co.	Laboratory supplies.	9 75
1574	do.	Smith & Co.	General supplies.	4 00
1575	do.	H. B. Symons.	Wheat.	5 75
1576	do.	Chester Horseshoeing Shop.	Field expenses.	14 00
1577	do.	Southern Illinois Penitentiary.	General supplies.	18 00
1578	do.	A. A. Hinkley.	do.	40 00
1579	do.	C. C. C. & St. L. Ry. Co.	Freight.	44 24
1580	do.	The Wabash R. R.	do.	30 25
1581	do.	E. H. Sargent & Co.	Laboratory supplies.	81 90
1582	do.	The Bulletin of Pharmacy.	Advertising.	7 50
1583	do.	The Western Druggist.	do.	25 00
1584	do.	C. C. C. & St. L. Ry. Co.	Freight.	1 57
1585	do.	The National Druggist.	Advertising.	25 00
1586	do.	J. H. Hidwell & Co.	Machinery.	9 50
1587	do.	General Acoustic Co.	Rental dictograph service quarter	10 50
1588	do.	Helena M. Pincomb.	Traveling expenses.	7 74
1589	do.	Weil Brothers.	Plumbing.	4 78
1590	do.	Barnhart Brothers.	General supplies.	2 65
1591	Sept. 25	Merk & Co.	Laboratory supplies.	70 00
1592	do.	Knowlton & Bennett.	General supplies.	15 25
1593	do.	John H. Doyle.	do.	9 75
1594	do.	S. E. Huff & Co.	Building materials.	11 20
1595	do.	Bacon Brothers.	Laboratory supplies.	9 05
1596	do.	Taylor Hardware Co.	Building materials.	5 90
1597	do.	Illinois State Reformatory.	Printing.	92 25
1598	do.	U. of I. Supply Store.	Office supplies.	6 73
1599	do.	Central Electric Co.	Electrical supplies.	35 59
1600	do.	Crane Co.	Plumbing.	120 75
1601	do.	W. W. Walls & Co.	Building materials.	55 50
1602	do.	C. A. Denman.	Painting.	407 94
1603	do.	Stipes & Hecker.	Building materials.	12 98
1604	do.	Payroll.	do.	45 00
		Hiskey, G. M.	Wages, September, 1913.	45 00
1605	do.	Pay roll.	do.	1,749 95
		Dreyer, G. P.	Salary, September, 1913.	333 32
		Eycleshymer, A. C.	do.	416 66
		Fantus, Bernard.	do.	166 66
		Gardner, Stella.	do.	83 33
		Gehrman, Adolph.	do.	66 66
		Jones, T. S.	do.	108 33

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1605	1913.			
1605	Sept. 25	Lincoln, Mary C.....	Salary, September, 1913..	\$ 50 00
1605	Id.	Miller, E. G.....	do.....	100 00
		Rupert, R. R.....	do.....	166 66
		Small, J. C.....	do.....	50 00
		Welker, W. H.....	do.....	208 33
1606	..do....	Pay roll.....		\$ 808 29
		Blake, L. E.....	Salary, September, 1913..	66 66
		Coolidge, E. D.....	do.....	83 33
		Dittmar, Walter.....	do.....	83 33
		Dittmar, G. W.....	do.....	16 66
		Gallie, D. M.....	do.....	83 33
		McGuire, J. C.....	do.....	125 00
		Moorehead, F. B.....	do.....	166 66
		Noyes, F. B.....	do.....	83 33
		Schultz, Louis.....	do.....	33 33
		Starr, S. P.....	do.....	66 66
1607	..do....	Payroll.....	Civil service.....	426 25
		Badel, Nathan.....	Wages, September, 1913..	50 00
		Daniel, John.....	do.....	50 00
		David, Simon.....	do.....	50 00
		Gelda, Isak.....	do.....	50 00
		George, Elia.....	do.....	50 00
		Klena, Joseph.....	do.....	70 00
		Smith, H. S.....	do.....	80 00
		Tomek, Gertrude.....	do.....	26 25
1608	..do....	Pay roll.....	Civil service.....	125 00
		Heermann, Louise B.....	Salary, September, 1913..	50 00
		Ritter, Sarah M.....	do.....	75 00
1609	..do....	Pay roll.....	Civil service.....	1,085 00
		Allen, Josephine.....	Wages, September, 1913..	55 00
		Arneson, Mable.....	do.....	60 00
		Bolan, Anna R.....	do.....	60 00
		Browne, W. H.....	do.....	250 00
		Cole, H. W.....	do.....	60 00
		Coles, B. D.....	do.....	50 00
		David, Eshoo.....	do.....	45 00
		David, Paul.....	do.....	45 00
		Froberg, Eric.....	do.....	60 00
		Loomis, Metta.....	do.....	75 00
		North, J. W.....	do.....	70 00
		Savage, John.....	do.....	40 00
		Southwell, James.....	do.....	115 00
		Tomlinson, J. S.....	do.....	100 00
1610	Sept. 26	J. B. Andrews.....	Traveling expenses.....	32 12
1611	..do....	L. R. Lang.....	do.....	4 35
1612	..do....	N. W. Hepburn.....	do.....	3 84
1613	..do....	H. A. Ruehe.....	do.....	2 75
1614	..do....	H. S. Capron.....	Interest on payment for land.....	10 50
1615	..do....	J. D. White.....	Postage.....	680 00
1616	..do....	Southern Illinois Penitentiary.....	Supplies.....	20 40
1617	..do....	Arthur Ochs.....	Eggs.....	2 40
1618	..do....	Jones & Laughlin Steel Co.....	Supplies.....	3 18
1619	..do....	E. L. Sommers.....	Screws.....	7 75
1620	..do....	Hillison & Eiten Co.....	Supplies.....	140 00
1621	..do....	Illinois Malleable Iron Co.....	do.....	11 81
1622	..do....	City of Chicago.....	Inspection of three boilers.....	11 00
1623	..do....	Marshall Field & Co.....	Supplies.....	69 75
1624	..do....	Western Lumber Co.....	Lumber.....	8 21
1625	..do....	National Steam Specialty Co.....	Plumbing.....	14 50
1626	..do....	The Frederick Post Co.....	Supplies.....	12 00
1627	..do....	Rogers & Hubbard Co.....	Laboratory supplies.....	3 25
1628	..do....	Woldenberg & Schaar.....	do.....	60 37
1629	..do....	Brown & Sharpe Mfg. Co.....	do.....	1 92
1630	..do....	Spencer-Lens Co.....	do.....	92 70
1631	..do....	The Plainfield Grain Co.....	Fencing.....	115 20
1632	..do....	Arthur Broughton.....	Live stock.....	100 00
1633	..do....	Strauch Kodak Finishing Shop.....	General supplies.....	4 65
1634	..do....	G. C. Willis.....	do.....	3 75
1635	..do....	Walker & Mulliken.....	Window shades.....	2 50
1636	..do....	Vaughans Seed Store.....	General supplies.....	1 70
1637	..do....	Charles H. Besly & Co.....	Machine repairs.....	2 78
1638	..do....	The Garlock Packing Co.....	General supplies.....	21 28
1639	..do....	Schermerhorn Bros. Co.....	Janitor supplies.....	36 00
1640	..do....	W. J. Fraser.....	Traveling expenses.....	37 11
1641	..do....	A. Floyd Heck.....	do.....	10 97
1642	..do....	O. M. McGhee.....	do.....	32 71
1643	..do....	F. W. Gault.....	do.....	20 82
1644	..do....	Harrison Fahrnkopf.....	do.....	14 45

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
1645	Sept. 26	H. C. Wheeler	Traveling expenses	\$ 33 74
1646	..do.	S. V. Holt	..do.	55 25
1647	..do.	Weil Brothers	Plumbing materials	12 56
1648	..do.	C. J. Welch	Building materials	11 00
1649	..do.	Hibbard, Spencer, Bartlett & Co.	Office supplies	21 81
1650	..do.	Western Carbon & Ribbon Co.	..do.	161 40
1651	..do.	Weis Mfg. Co.	..do.	41 74
1652	..do.	Illinois Printing Co.	Printing	204 68
1653	..do.	Alberene Stone Co.	Laboratory apparatus repairs	12 72
1654	..do.	McIntosh Stereopticon Co.	Library and Laboratory supplies	3 75
1655	..do.	J. Horace McFarland Co.	Express	1 00
1656	Sept. 27	Messrs. Poehlmann Bros. Co.	Laboratory supplies	13 90
1657	..do.	D. Hurd	Supplies	198 50
1658	..do.	Mr. W. C. Athon	Refund on laboratory fee	15 00
1659	..do.	Heath & Milligan Mfg. Co.	Supplies	19 67
1660	..do.	R. H. Fermier	..do.	19 08
1661	..do.	Bacon Brothers	Painting	2, 118 55
1662	..do.	The Olney Daily Mail	Field expenses	4 00
1663	..do.	Hunter, Rourke & Co.	Laboratory apparatus	33 80
1664	..do.	John H. Doyle	Sledge hammer handles	50
1665	..do.	Percival & Moorehead	Screws	30
1666	..do.	J. W. Butler Paper Co.	Office supplies	48 11
1667	..do.	P. J. Foley, Contractor	Moving glass houses	2, 125 00
1668	..do.	Marshall Field & Co.	Office supplies	1 56
1669	..do.	The Burr Co.	Machine repairs	11 40
1670	..do.	F. K. Robeson	Cork carpet	3 58
1671	..do.	Eberhard Faber	Office supplies	180 45
1672	..do.	United States Blue Print Paper Co.	..do.	10 23
1673	..do.	The Taylor Hardware Co.	General supplies	4 40
1674	..do.	Illinois Malleable Iron	Supplies	35
1675	..do.	P. S. Campbell	Rubber stamp	35
1676	..do.	Alexander Lumber Co.	Fencing	90
1677	..do.	Leavitt Mfg. Co.	Laboratory apparatus	15 95
1678	..do.	Grassell Chemical Co.	Laboratory supplies	90
1679	..do.	Library Bureau	Office supplies	52 26
1680	..do.	Ginn & Co.	..do.	3 10
1681	..do.	Boorum & Pease Loose Leaf Book Co.	..do.	24 52
1682	..do.	Sanford Mfg. Co.	..do.	6 19
1683	..do.	John C. Moore Corporation	..do.	5 00
1684	..do.	The U. of I. Supply Store	..do.	27 92
1685	..do.	Irving-Pitt Mfg. Co.	..do.	2 44
1686	..do.	Crane Co.	Plumbing	168 45
1687	..do.	G. Cramer Dry Plate Co.	General supplies	12 27
1688	..do.	A. C. McClurg & Co.	Supplies	9 84
1689	..do.	Tower Mfg. & Novelty Co.	Office supplies	45 29
1690	..do.	George Strode	Supplies	64 50
1691	..do.	Merk & Co.	Advertising	107 78
1692	..do.	Illinois State Reformatory	Supplies	228 05
1693	..do.	Illinois State Reformatory	..do.	210 70
1694	..do.	Knowlton & Bennett	Office supplies	7 35
1695	..do.	Flanigan-Pearson Co.	Supplies	195 45
1696	..do.	Stipes & Hecker	..do.	11 00
1697	..do.	Central Electric Co.	Electrical materials	97 96
1698	..do.	D. H. Lloyd	Supplies	19 48
1699	..do.	Peoples Gas Light & Coke Co.	..do.	17 44
1700	..do.	The Letter Shop	Clerical assistance	6 45
1701	..do.	Bacon Brothers	General supplies	4 85
1702	..do.	Barnhart Brothers	Supplies	26 00
1703	..do.	Pay roll	Civil service	1, 521 78
		Bowen, Evalena	Wages, September, 1913.	\$65 00
		Brown, C. F.	..do.	45 00
		Brown, Edward	..do.	32 88
		Brown, E. J.	..do.	45 00
		Broyles, R. F.	..do.	45 00
		Burt, Ruth C.	..do.	50 00
		Campbell, Mason	..do.	31 50
		Chaplin, Ralph	..do.	60 00
		Coffey, J. H.	..do.	50 00
		Curry, Florence J.	..do.	30 00
		Feldkamp, Amelia	..do.	40 00
		Gallaher, Marion B.	..do.	40 00
		Grabbe, Florence H.	..do.	38 33
		Heath, Wm.	..do.	50 00
		Herbert, J. J.	..do.	85 00
		Jungerich, C. T.	..do.	20 00
		McQueen, H. D.	..do.	47 50
		Miller, W. W.	..do.	75 00
		Mink, George	..do.	47 50
		Mink, J. D.	..do.	50 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1703	1913. Sept. 27	Moore, H. E. ....	Wages, September, 1913..	\$ 50 00
<i>Cld.</i>		Mount, Harold. ....	do. ....	50 00
		Nesbit, Lawrence. ....	do. ....	50 00
		Page, Mrs. Lenora S. ....	do. ....	55 00
		Proesel, Wm. ....	do. ....	50 00
		Redman, Louise E. ....	do. ....	34 66
		Reid, Olive G. ....	do. ....	50 00
		Reynolds, Mrs. Elizabeth. ....	do. ....	29 41
		Riggs, Bess. ....	do. ....	30 00
		Sayer, Clint. ....	do. ....	35 00
		Shaffer, Guy. ....	do. ....	50 00
		Stives, M. F. ....	do. ....	45 00
1704	..do....	Shipman, Cash. ....	do. ....	45 00
		Pay roll. ....	Civil service. ....	\$2,045 83
		Argo, Roy. ....	Wages, September, 1913..	55 00
		Barto, Lucy M. ....	do. ....	20 00
		Buckles, Mildred E. ....	do. ....	65 00
		Conley, M. J. ....	do. ....	75 00
		Cook, Jesse. ....	do. ....	55 00
		Cover, Hazel. ....	do. ....	60 00
		Crathorne, Anna. ....	do. ....	50 00
		Crawford, T. P. ....	do. ....	50 00
		Custer, Emma L. ....	do. ....	70 00
		Foor, H. ....	do. ....	55 00
		Gage, Marjorie H. ....	do. ....	65 00
		Halliday, Mabel. ....	do. ....	60 00
		Harolle, Claude. ....	do. ....	40 00
		Hough, William. ....	do. ....	83 33
		Jenkins, Elmer. ....	do. ....	60 00
		Kelley, J. R. ....	do. ....	57 50
		McIntire, W. A. ....	do. ....	50 00
		Meenach, Earl. ....	do. ....	65 00
		Miller, Mary. ....	do. ....	65 00
		Moore, P. O. ....	do. ....	47 50
		Patterson, Will. ....	do. ....	50 00
		Pergande, R. ....	do. ....	95 00
		Poll, Lillian. ....	do. ....	50 00
		Pritchard, H. ....	do. ....	65 00
		Pritchard, R. ....	do. ....	60 00
		Pulling, Elizabeth. ....	do. ....	60 00
		Rhoads, Hazel. ....	do. ....	60 00
		Rose, M. D. ....	do. ....	52 50
		Sharp, Ethel. ....	do. ....	40 00
		Sprinkle, D. C. ....	do. ....	50 00
		Stoneburner, A. J. ....	do. ....	50 00
		Stricklan, Freda. ....	do. ....	65 00
		Wheeler, H. H. ....	do. ....	70 00
		White, Loretto. ....	do. ....	65 00
		Wilson, R. W. ....	do. ....	65 00
1705	..do....	Pay roll. ....		358 33
		Barlow, Bronson. ....	Salary, September, 1913..	150 00
		Hepburn, N. W. ....	do. ....	208 33
1706	..do....	Pay roll. ....		2,477 54
		Anderson, J. C. ....	Wages, September, 1913..	65 00
		Andrews, J. B. ....	do. ....	50 00
		Badges, C. J. ....	do. ....	40 00
		Beaumont, G. S. ....	do. ....	45 00
		Bennett, W. L. ....	do. ....	70 00
		Burdick, I. F. ....	do. ....	75 00
		Burwash, A. E. ....	do. ....	55 00
		Campbell, C. A. ....	do. ....	65 00
		Carlson, M. R. ....	do. ....	60 00
		Cate, H. A. ....	do. ....	70 00
		Chapman, C. C. ....	do. ....	100 00
		Crouch, H. E. ....	do. ....	115 00
		DeWerff, J. H. ....	do. ....	55 00
		Dunlap, B. H. ....	do. ....	50 00
		Engle, W. J. ....	do. ....	70 00
		Fullenwider, T. ....	do. ....	55 00
		Gault, F. W. ....	do. ....	65 75
		Graham, G. M. ....	do. ....	50 00
		Garver, Earl. ....	do. ....	19 50
		Hanford, W. W. ....	do. ....	20 00
		Harry, W. L. ....	do. ....	83 33
		Hinkley, G. M. ....	do. ....	26 92
		Hunter, L. A. ....	do. ....	75 00
		Jones, Garfield. ....	do. ....	65 00
		Lankford, John. ....	do. ....	60 00
		Lawson, H. C. ....	do. ....	55 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
1706	Sept. 27	McGee, O. M.	Wages, September, 1913..	\$32 88
<i>Chd.</i>		Palfrey, J. R.	do.	75 00
		Pine, Fred.	do.	75 00
		Reed, Alice.	do.	55 00
		Rigg, C. L.	do.	40 00
		Rising, John.	do.	38 33
		Romine, J. F.	do.	40 00
		Sims, Flora M.	do.	83 33
		Smith, J. F.	do.	65 00
		Spaulding, Charles.	do.	70 00
		Stark, R. W.	do.	75 00
		Taylor, S. C.	do.	15 00
		Thomas, Melvin.	do.	42 50
		Torgerson, E. F.	do.	50 00
		Tornquest, Andrew.	do.	75 00
		Walters, Philip.	do.	75 00
1707	..do....	Pay roll.		\$ 377 50
		Diekman, T. W.	do.	65 00
		Engle, Ralph.	do.	55 00
		Glover, R. C.	do.	75 00
		Huff, J. O.	do.	55 00
		Murray, Ralph.	do.	50 00
		Stoutzenberg, Florence.	do.	50 00
		Tornquist, Alpha.	do.	27 50
1705a	Sept. 29	Dr. H. A. Harding.	Traveling expenses.	92 99
1706a	Sept. 30	Korten Brothers Co.	Breakfast tea.	1 75
1707a	..do.	McIntosh Stereopticon Co.	Laboratory apparatus repairs.	2 61
1708	..do.	Dryer & Burt.	General supplies.	2 00
1709	..do.	Freeland Howe, Jr.	Laboratory supplies.	30 00
1710	..do.	Fuller & Fuller Co.	do.	100 00
1711	..do.	Linde Air Products Co.	do.	1 50
1712	..do.	Ingersoll-Rand Co.	Machine repairs.	30 00
1713	..do.	Allis-Chalmers Mfg. Co.	Machine repairs.	5 88
1714	..do.	Bryan Marsh Electric Works.	General supplies.	35 50
1715	..do.	Garrison Brass & Machine Works.	Machinery.	40 00
1716	..do.	Gunster Brothers.	Machinery.	30 00
1717	..do.	Central Electric Co.	Laboratory apparatus.	3 92
1718	..do.	Bacon Brothers.	Building materials.	1 50
1719	..do.	F. K. Robeson.	Carpet.	1 30
1720	..do.	Chas. A. Hall Hardware Co.	Laboratory apparatus.	1 25
1721	..do.	Frederick Post Co.	Laboratory supplies.	2 50
1722	..do.	Westinghouse Electric & Mfg. Co.	General supplies.	33 13
1723	..do.	Twin City Roofing & Sheet Metal Works.	Building materials.	14 35
1724	..do.	Lawyers Leather Brief Case Mfg. Co.	Office supplies.	6 30
1725	..do.	D. H. Lloyd.	Laboratory supplies.	1 00
1726	..do.	B. C. Ames Co.	Laboratory apparatus.	30 00
1727	..do.	American Steel & Wire Co.	Laboratory apparatus repairs.	2 75
1728	..do.	Sears, Roebuck & Co.	Laboratory apparatus.	18 82
1729	..do.	H. A. Hollister.	Traveling expenses.	9 77
1730	..do.	B. E. Powell.	Traveling expenses.	10 84
1731	..do.	S. E. Huff & Co.	Machine repairs.	41 25
1732	..do.	S. D. Hicks & Son.	Laboratory apparatus.	360 00
1733	..do.	Eugene Dietzgen.	Supplies.	1 11
1734	..do.	A. W. Jamison.	Traveling expenses.	5 35
1735	..do.	Hunter, Rourke & Co.	Laboratory apparatus.	9 75
1736	..do.	Royal A. Stipes.	Supplies.	6 00
1737	..do.	The Burr Co.	do.	14 86
1738	..do.	Ernest Hertzberg & Sons.	Books.	2 29
1739	..do.	McMaster-Carr Supply Co.	Machine repairs.	54 25
1740	..do.	Knowlton & Bennett.	Supplies.	6 25
1741	..do.	E. H. Sargent & Co.	Laboratory supplies.	431 19
1742	..do.	S. E. Huff Mfg. Co.	Supplies.	7 65
1743	..do.	S. E. Dillavou.	do.	14 85
1744	..do.	Taylor Hardware Co.	General supplies.	3 50
1745	Oct. 1	O. E. Staples, Bursar.	Student labor bills paid.	1,001 10
1746	..do.	O. E. Staples, Bursar.	Express bills paid.	95 34
1747	..do.	O. E. Staples, Bursar.	Sundry bills paid.	128 06
1748	..do.	H. C. Lawson.	Traveling expenses.	12 42
1749	..do.	W. P. Miller.	do.	7 69
1750	..do.	George E. Rice.	do.	10 68
1751	..do.	Carroll J. Badger.	do.	6 48
1752	..do.	Garfield Jones.	do.	17 01
1753	..do.	Prof. I. O. Baker.	do.	27 72
1754	..do.	H. E. Cunningham.	do.	21 84
1755	..do.	H. W. Stewart.	do.	15 16
1756	..do.	M. E. Jahr.	do.	10 82
1757	..do.	Chas. H. Mills.	do.	2 80
1758	Oct. 2	F. W. Wascher.	do.	53 21
1759	..do.	Wm. Schlotzhauer.	Field expenses.	17 25

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
1760	Oct. 2	H. P. Rusk	Traveling expenses	\$ 2 10
1761	..do..	H. C. Wheeler	..do..	53 15
1762	..do..	Harrison Fahrnkopf	..do..	28 76
1763	..do..	C. C. Logan	..do..	14 77
1764	..do..	E. E. Hoskins	..do..	24 28
1765	..do..	Robert W. Stark	..do..	17 12
1766	..do..	R. W. Dickenson	..do..	48 25
1767	..do..	Professor M. H. Robinson	Lectures	25 00
1768	..do..	Champaign County Abstract Co.	Abstracts	5 00
1769	..do..	A. S. Colby	Traveling expenses	6 87
1770	..do..	B. S. Pickett	..do..	12 20
1771	..do..	C. A. Denman	Painting	216 00
1772	..do..	Illinois Motor Car Sales Co.	Livery, representatives	11 25
1773	..do..	General Electric Co.	Office equipment	15 58
1774	..do..	Savage & Woods	Legal services	125 00
1775	Oct. 3	The Underwood Typewriter Co.	Office supplies	24 00
1776	..do..	Keuffel & Esser Co.	Office supplies	40 99
1777	..do..	Bausch & Lomb Optical Co.	Laboratory supplies	967 70
1778	..do..	H. Mueller Mfg. Co.	Tools	17 75
1779	..do..	D. H. Lloyd	Office supplies	7 06
1780	..do..	Rundle-Spence Mfg. Co.	Apparatus repairs	1 49
1781	..do..	Sengbusch Self-Closing Insktand Co.	Office supplies	24 00
1782	..do..	Whiting Paper Co.	..do..	60 00
1783	..do..	The Weis Mfg. Co.	..do..	53 08
1784	..do..	Sanford Mfg. Co.	..do..	4 50
1785	..do..	Hunter, Rourke & Co.	Building materials	71 59
1786	..do..	American Lead Pencil Co.	Office supplies	5 00
1787	..do..	W. W. Yapp	Traveling expenses	9 17
1788	..do..	F. A. Pearson	..do..	30 62
1789	..do..	W. F. Handschin	..do..	18 38
1790	..do..	The Secretary, University Press	Library supplies	2 10
1791	..do..	Joseph Baer & Co.	..do..	87 80
1792	..do..	The Garden Cities & Town Planning Assn.	Subscription	1 10
1793	..do..	Ernst Hertzberg & Sons	Binding books	46 30
1794	..do..	Flanigan-Pearson Co.	Printing	7 50
1795	..do..	Bacon Brothers	Building materials	1 20
1796	..do..	Tice & Lynch	One case books	8 75
1797	..do..	Eisner Grocery Co.	Supplies	55 22
1798	Oct. 4	A. J. Gunderson	Traveling expenses	13 70
1799	..do..	O. E. Staples, Bursar	Students paid in cash	213 85
1800	..do..	O. E. Staples, Bursar	Express bills paid in cash	92 74
1801	..do..	Pay roll (civil service)		9,724 17
		Arrington, C. E.	Wages, September, 1913.	\$ 63 00
		Atwell, M. W.	..do..	54 60
		Bailey, J. E.	..do..	61 32
		Barnes, V. R.	..do..	93 60
		Brannigan, John	..do..	81 90
		Brown, Basil	..do..	67 20
		Brown, Harry	..do..	36 75
		Bullock, D. M.	..do..	65 32
		Butler, Thomas	..do..	64 17
		Ceduskey, John	..do..	79 20
		Crathorne, F.	..do..	84 50
		Cunningham, F.	..do..	110 07
		Davis, Jos.	..do..	69 30
		Dibble, E. P.	..do..	83 03
		Downing, H.	..do..	59 17
		Fay, T. J.	..do..	93 00
		Fender, Fred	..do..	83 70
		Fender, Louie	..do..	69 08
		Fiscus, J. J.	..do..	64 40
		Fogarty, F.	..do..	54 60
		Fogarty, W.	..do..	54 00
		Fox, Guy	..do..	61 33
		Freeman, C. Y.	..do..	58 59
		Goodspeed, W. S.	..do..	83 33
		Graybeal, W. H.	..do..	63 00
		Hamlin, Sell	..do..	52 00
		Hanson, Saml.	..do..	70 00
		Hargan, E.	..do..	69 79
		Henderson, T. O.	..do..	105 26
		Hill, Charles	..do..	95 94
		Hixon, W. G.	..do..	52 00
		Hunt, O. L.	..do..	19 40
		Hutton, Ross	..do..	69 46
		Irvine, Frank	..do..	74 25
		Irvine, James	..do..	54 60
		Jones, Margaret	..do..	44 20

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1801 Ctd.	1913. Oct. 4	Justus, E. W.....	Wages, September, 1913..	\$108 00
		Langhoff, A.....	do.....	75 40
		Langhoff, Fred.....	do.....	63 71
		Lewis, E. C.....	do.....	69 30
		Litton, A. C.....	do.....	30 66
		Long, Thomas.....	do.....	84 78
		Magnuson, A. O.....	do.....	80 00
		Mahorney, H. H.....	do.....	68 54
		McAllister, A. J.....	do.....	78 48
		McClughen, Frances.....	do.....	44 20
		McCulough, James.....	do.....	60 72
		Meenach, O. E.....	do.....	72 22
		Meneely, Dan.....	do.....	63 25
		Meyers, Jesse.....	do.....	62 10
		Miller, C. M.....	do.....	55 23
		Moran, A.....	do.....	70 00
		Morgan, J. E.....	do.....	10 00
		Morgan, Rebecca.....	do.....	44 20
		Murphey, Ruthe.....	do.....	62 64
		Nagle, Sybil.....	do.....	16 66
		Newton, J. R.....	do.....	80 16
		Nikolaus, Jacob.....	do.....	63 00
		Perry, F. M.....	do.....	62 56
		Purkins, J. F.....	do.....	59 40
		Quinn, William.....	do.....	69 30
		Richards, Ed.....	do.....	100 80
		Ryan, Mary E.....	do.....	44 20
		Servis, A.....	do.....	71 30
		Sinclair, C. R.....	do.....	54 00
		Smith, W. J.....	do.....	114 80
		Snyder, J.....	do.....	54 60
		Stateler, F.....	do.....	75 68
		Templin, William.....	do.....	87 75
		Tillotson, I. F.....	do.....	68 62
		Toy, George.....	do.....	64 86
		Turner, George.....	do.....	67 85
		Warmbier, August.....	do.....	83 10
		Wharmby, Ed.....	do.....	68 08
		Wilde, William.....	do.....	93 93
		Wilson, Frank.....	do.....	41 60
		Booher, M. C.....	do.....	68 40
		Booker, A. J.....	do.....	75 60
		Boswell, Andrew.....	do.....	47 50
		Boswell, James.....	do.....	55 25
		Boyer, G. W.....	do.....	65 73
		Cambell, Mathew.....	do.....	50 00
		Carothers, Cevilla.....	do.....	39 52
		Carson, Rolla A.....	do.....	56 60
		Cheever, J. W.....	do.....	50 00
		Collins, A. L.....	do.....	61 20
		Craig, J. D.....	do.....	90 00
		Crawford, R. W.....	do.....	51 60
		Cunningham, Perley.....	do.....	45 50
		Davis, C. M.....	do.....	64 40
		Dunseth, C. A.....	do.....	21 20
		Dunseth, J. M.....	do.....	49 00
		English, B. F.....	do.....	63 02
		Ensor, Russell.....	do.....	54 40
		Fechtruph, Herman.....	do.....	54 20
		Fiscus, J. C.....	do.....	88 40
		Franklin, F. T.....	do.....	59 85
		Glenn, V. S.....	do.....	51 60
		Griffin, G. C.....	do.....	60 00
		Gundloch, Chas.....	do.....	27 00
		Hickey, J. B.....	do.....	67 25
		Higgins, Harry.....	do.....	82 66
		Hooker, Fred.....	do.....	48 60
		Hoover, F. F.....	do.....	62 48
		Johnson, C. C.....	do.....	60 90
		Johnson, A. L.....	do.....	51 60
		Kliem, J. A. J.....	do.....	69 30
		Langhoff, Wm.....	do.....	60 03
		Lanham, R. B.....	do.....	25 20
		Long, J. F.....	do.....	67 20
		Manley, Verna.....	do.....	28 75
		Markham, Kenneth.....	do.....	21 00
		Mattoon, C. E.....	do.....	51 00
		May, U. G.....	do.....	53 40
		Mink, G. C.....	do.....	20 77

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1801 Ctd.	1913. Oct. 4	Mink, W. M. ....	Wages, September, 1913..	\$39 81
		Moore, C. P. ....	do. ....	46 00
		Nelson, C. Q. ....	do. ....	53 00
		Peterson, Nick. ....	do. ....	52 40
		Porter, S. A. ....	do. ....	87 60
		Reed, B. L. ....	do. ....	58 00
		Sandwell, Martin. ....	do. ....	79 60
		Smalley, G. F. ....	do. ....	16 00
		Snook, Orval. ....	do. ....	57 75
		Sowers, A. L. ....	do. ....	48 00
		Sparks, Marion E. ....	do. ....	60 00
		Speedie, A. C. ....	do. ....	74 40
		Stearns, L. M. ....	do. ....	63 00
		Surbaugh, C. A. ....	do. ....	54 40
		Thomson, H. L. ....	do. ....	56 80
		Trimble, W. W. ....	do. ....	37 40
		Vanderbeck, H. J. ....	do. ....	7 50
		Vandeventer, J. H. ....	do. ....	90 00
		Vauble, Daniel. ....	do. ....	60 00
		Wilson, Wesley. ....	do. ....	84 80
		Wright, Amos. ....	do. ....	90 00
		Ambros, A. S. ....	do. ....	26 00
		Bagusin, A. ....	do. ....	34 60
		Barkman, C. P. ....	do. ....	2 40
		Barrett, Frank. ....	do. ....	17 20
		Boomstra, S. P. ....	do. ....	12 95
		Breedis, John. ....	do. ....	16 90
		Britton, F. E. ....	do. ....	10 30
		Britton, W. E. ....	do. ....	7 44
		Brown, Kenneth. ....	do. ....	25 00
		Christy, Glen. ....	do. ....	3 40
		Cleghorn, Belle. ....	do. ....	4 40
		Coen, E. E. ....	do. ....	10 31
		Cox, C. G. ....	do. ....	49 30
		Danielson, R. R. ....	do. ....	17 50
		Daisey, E. A. ....	do. ....	23 20
		Eppinger, J. G. ....	do. ....	9 00
		Ernest, Ruth. ....	do. ....	4 00
		Ernst, Elmore. ....	do. ....	31 75
		Eschauzer, Lewis. ....	do. ....	17 60
		Farley, F. W. ....	do. ....	34 39
		Foulke, C. C. ....	do. ....	1 70
		Furukawa, S. ....	do. ....	10 25
		Gage, J. H. ....	do. ....	2 40
		Gauger, J. F. ....	do. ....	50 00
		Gauger, R. W. ....	do. ....	17 50
		Gideon, C. R. ....	do. ....	15 00
		Halliday, Ruth. ....	do. ....	3 60
		Hallquist, Mrs. A. ....	do. ....	8 20
		Harting, Mildred. ....	do. ....	2 50
		Helfrich, O. L. ....	do. ....	40 50
		Horning, R. A. ....	do. ....	11 20
		Hubbard, Marie. ....	do. ....	11 30
		Inagaki, Nole. ....	do. ....	2 60
		Ingalls, Horace. ....	do. ....	34 50
		Klein, George. ....	do. ....	26 50
		Klein, Nan. ....	do. ....	23 90
		Kirkpatrick, F. A. ....	do. ....	13 20
		Larson, Martha S. ....	do. ....	6 00
		Lee, Carrie A. ....	do. ....	5 50
		Leggett, Frank. ....	do. ....	23 28
		Linsley, C. M. ....	do. ....	3 75
		Lymon, L. T. ....	do. ....	49 25
		Lyons, T. ....	do. ....	19 80
		McKaskill, K. A. ....	do. ....	34 39
		Magruder, Denton. ....	do. ....	4 80
		Mateer, Howard. ....	do. ....	6 25
		McVay, T. N. ....	do. ....	50 00
		Meltz, N. ....	do. ....	20 60
		Meredith, Ina V. ....	do. ....	27 13
		Meredith, LaVerne. ....	do. ....	8 30
		Miller, F. R. ....	do. ....	2 00
		Mitchell, Grace. ....	do. ....	25 80
		Mitchell, Helen. ....	do. ....	8 25
		Nay, E. O. ....	do. ....	2 00
		Nelson, C. R. ....	do. ....	48 38
		Nelson, M. ....	do. ....	15 60
		Nickolls, C. R. ....	do. ....	28 20
		Osborne, Pauline. ....	do. ....	22 00



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1801	1913.			
<i>Cld.</i>	Oct. 4	Paine, Olive.....	Wages, September, 1913..	\$ 5 50
		Rehling, C. H.....	do.....	19 95
		Rant, Alfred.....	do.....	32 40
		Rhea, C. J.....	do.....	36 75
		Schadt, Mabel E.....	do.....	8 00
		Scott, S. E.....	do.....	26 40
		Skemp, S. C.....	do.....	32 50
		Stearns, C. G.....	do.....	11 00
		Sutherland, G. F.....	do.....	15 00
		Sunderland, G. F.....	do.....	2 25
		Taylor, W. M.....	do.....	40 14
		Wood, H. T.....	do.....	3 20
1801a	Oct. 6	The Wabash Cabinet Co.....	Office supplies.....	\$ 5 13
1802	do.	Neostyle Co.....	do.....	1 09
1803	do.	Irving-Pitt Mfg. Co.....	do.....	4 39
1804	do.	Boorum & Pease Loose Leaf Book Co.....	do.....	6 18
1805	do.	E. H. Sargent & Co.....	Laboratory supplies.....	126 28
1806	do.	John A. Salzer Seed Co.....	General supplies.....	1 00
1807	do.	Leavitt Mfg. Co.....	Laboratory supplies.....	17 95
1808	do.	T. W. Wood & Sons.....	General supplies.....	1 00
1809	do.	G. E. Stechert & Co.....	Books.....	20 24
1810	do.	U. of I. Supply Store.....	Office supplies.....	4 00
1811	do.	B. C. Stephens.....	General supplies.....	1 00
1812	do.	E. W. Sampson.....	Pony collar.....	3 00
1813	do.	Hunter, Rourke & Co.....	Building materials.....	27 25
1814	do.	A. H. Barber Creamery Supply Co.....	General supplies.....	12 00
1815	do.	Charles H. Besly & Co.....	Tools.....	17 96
1816	do.	Burroughs Adding Machine Co.....	Office supplies.....	15 00
1817	do.	W. E. Terry Lumber Co.....	Building material.....	43 76
1818	do.	J. M. Thornburn & Co.....	Laboratory supplies.....	5 13
1819	do.	Shore Instrument & Mfg. Co.....	Laboratory apparatus repairs.....	15 00
1820	do.	Emerson Brantingham Implement Co.....	Farm machine repairs.....	2 20
1821	do.	Hoskins Mfg. Co.....	Laboratory apparatus.....	79 75
1822	do.	Standard Cap & Seal Co.....	Rental on caper No. 68.....	4 50
1823	do.	Harshaw, Fuller & Goodwin Co.....	General supplies.....	27 00
1824	do.	The Babcock & Wilcox Co.....	do.....	5 20
1825	do.	James G. Biddle.....	Laboratory apparatus.....	175 75
1826	do.	Central Scientific Co.....	do.....	11 91
1827	do.	Jeffersons Printing Co.....	Binding books.....	6 50
1828	do.	National Drain Tile Co.....	Drains.....	199 50
1829	do.	Twin City Ice & Cold Storage Co.....	Laboratory supplies.....	25 00
1830	do.	James B. Clow & Sons.....	Plumbing.....	4 63
1831	do.	H. J. Snider.....	Traveling expenses.....	26 62
1832	do.	Ralph Redney Root.....	do.....	26 19
1833	do.	B. S. Pickett.....	do.....	12 63
1834	do.	J. E. Whitchurch.....	Field expenses.....	31 68
1835	do.	Sturges & Burn Mfg. Co.....	Apparatus.....	28 20
1836	do.	National Ammonia Co.....	Supplies.....	26 52
1837	do.	George Strode.....	Awnings.....	12 50
1838	do.	Tablet & Ticket Co.....	Office supplies.....	2 10
1839	do.	Williams Brothers.....	Supplies.....	2 45
1840	do.	S. A. Sandweger.....	General supplies.....	56 70
1841	Oct. 8	B. A. Strauch.....	do.....	18 64
1842	do.	Knowlton & Bennett.....	Building materials.....	2 50
1843	do.	D. H. Lloyd.....	General supplies.....	2 75
1844	do.	Taylor Hardware Co.....	Building materials.....	7 47
1845	do.	P. S. Campbell.....	Advertising.....	17 25
1846	do.	The Burr Co.....	Laboratory supplies.....	17 41
1847	do.	Taylor Hardware Co.....	Repairs.....	6 73
1848	do.	F. K. Robeson.....	General supplies.....	11 48
1849	do.	D. H. Lloyd.....	do.....	3 85
1850	do.	Eisner Grocery Co.....	do.....	27 45
1851	do.	R. C. Wagner & Son.....	Grading.....	221 67
1852	do.	S. E. Huff & Co.....	Building materials.....	6 00
1853	do.	Dean Bros. Steam Pump Works.....	Machine repairs.....	1 48
1854	do.	R. C. Wagner & Son.....	Drayage.....	105 45
1855	do.	E. H. Sargent & Co.....	Laboratory supplies.....	18 31
1856	do.	Babcock & Wilcox Co.....	do.....	62 36
1857	do.	Nernst Lamp Co.....	Laboratory apparatus.....	17 10
1858	do.	Roessler & Hasslacher Chemical Co.....	Laboratory supplies.....	10 79
1859	do.	Machinists Supply Co.....	Laboratory apparatus.....	54 21
1860	do.	National Biscuit Co.....	Supplies.....	1 47
1861	do.	Albert Pick & Co.....	Cafe equipment.....	47 63
1862	do.	Bacon Brothers.....	Supplies.....	1 50
1863	do.	F. M. Leslie.....	Prints framed.....	3 75
1864	do.	F. H. Simpson Fruit Co.....	General supplies.....	175 34
1865	do.	Royal A. Stipes.....	Sand.....	3 30
1866	do.	The Bean Spray Pump Co.....	Machine repairs.....	3 92
1867	do.	C. C. Short.....	Field expenses.....	3 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
1868	Oct. 8	C. A. Denman.....	Painting.....	\$ 15 00
1869	..do..	Standard Oil Co.....	Laboratory supplies.....	33 13
1870	..do..	F. K. Robeson.....	..do.....	44 10
1871	..do..	The Letter Shop.....	Clerical assistance.....	7 50
1872	..do..	H. J. Carpenter.....	Tuning pianos.....	8 75
1873	..do..	Shaw-Walker Co.....	Office supplies.....	23 36
1874	..do..	Geo. B. Carpenter & Co.....	General supplies.....	4 00
1875	..do..	Watson Faulkner.....	..do.....	1 00
1876	..do..	Vaughans Seed Store.....	Nursery stock.....	44 75
1877	..do..	Commercial Telephone & Telegraph Co.....	Rent.....	4 00
1878	..do..	A. L. Huffman.....	Livery.....	2 00
1879	..do..	A. F. Gustafson.....	Traveling expenses.....	18 32
1800	..do..	R. W. Dickenson.....	..do.....	46 36
1881	..do..	F. W. Wascher.....	..do.....	49 29
1882	..do..	Harrison Fahrnkopf.....	..do.....	12 17
1883	..do..	Chas. A. Campbell.....	Field expenses.....	60 12
1884	..do..	Reliable Plumbing & Heating Co.....	Plumbing.....	12 21
1885	..do..	Standard Oil Co.....	General supplies.....	15 20
1886	..do..	Creamery Package Mfg. Co.....	Laboratory apparatus.....	48 17
1887	..do..	C. W. Murphy.....	..do.....	12 45
1888	..do..	Central Electric Co.....	Electrical supplies.....	10 39
1889	..do..	C. F. Witt Estate.....	Farm supplies.....	6 75
1890	..do..	R. C. Wagner & Son.....	General supplies.....	193 57
1891	..do..	Chester Horseshoeing Shop.....	Shoeing horses.....	17 50
1892	..do..	S. E. Dillavou.....	Machine repairs.....	18 55
1893	..do..	Alexander Lumber Co.....	Lumber.....	12 60
1894	..do..	S. E. Huff & Co.....	Building materials.....	14 00
1895	..do..	Flanigan-Pearson Co.....	Printing.....	6 75
1896	..do..	Knowlton & Bennett.....	Laboratory supplies.....	4 85
1897	..do..	Percival & Moorehead.....	Supplies.....	39 00
1898	..do..	Twin City Roofing & Sheet Metal Works.....	Building materials.....	27 60
1899	..do..	Stipes & Hecker.....	..do.....	28 95
1900	..do..	Barnhart Brothers.....	General supplies.....	21 35
1901	..do..	John H. Doyle.....	..do.....	6 63
1902	..do..	Chas. A. Hall Hardware Co.....	..do.....	30 78
1903	..do..	J. W. Butler Paper Co.....	Office supplies.....	70 45
1904	..do..	Bacon Brothers.....	General supplies.....	32 75
1905	..do..	H. A. Hollister.....	Traveling expenses.....	11 03
1906	..do..	W. H. Smith.....	..do.....	2 05
1907	..do..	A. Floyd Heck.....	..do.....	12 40
1908	..do..	Harry C. Gilkerson.....	..do.....	18 63
1909	..do..	E. Davenport.....	..do.....	36 39
1910	..do..	Crane Co.....	Plumbing.....	6 28
1911	..do..	Geo. F. Righter.....	Office supplies.....	7 80
1912	..do..	Tuttle & Clark.....	General supplies.....	23 94
1913	..do..	B. A. Strauch.....	..do.....	49 10
1914	..do..	Bacon Brothers.....	..do.....	4 15
1915	..do..	Bronson Barlow.....	..do.....	2 38
1916	..do..	Champaign Daily News.....	Subscription.....	2 50
1917	..do..	Champaign Gazette.....	..do.....	2 50
1918	Oct. 10	Stevens, Maloney & Co.....	Office supplies.....	19 98
1919	..do..	The Pure Carbonic Co.....	Laboratory supplies.....	2 50
1920	..do..	B. A. Strauch.....	General supplies.....	95
1921	..do..	P. S. Campbell.....	Printing.....	4 25
1922	..do..	F. J. Burns & Co.....	Laboratory supplies.....	3 60
1923	..do..	Adams-Bagnall Electric Co.....	Apparatus.....	6 72
1924	..do..	National Ry Publication Co.....	Subscription.....	8 00
1925	..do..	E. H. Sargent & Co.....	Laboratory supplies.....	152 80
1926	..do..	Morris & Co.....	General supplies.....	5 30
1927	..do..	G. Cramer Dry Plate Co.....	..do.....	1 19
1928	..do..	National Drain Tile Co.....	Drains.....	88 45
1929	..do..	Auson Northup Photographer.....	General supplies.....	2 15
1930	..do..	Eagle Machine Works.....	Laboratory apparatus.....	31 40
1931	..do..	Associated Arch. Print. & Sta. Co.....	General supplies.....	10 59
1932	..do..	C. A. Denman.....	Painting.....	26 80
1933	..do..	N. Y. & N. J. Lubricant Co.....	Laboratory supplies.....	5 00
1934	..do..	The Hill & Griffith Co.....	Laboratory apparatus.....	53 01
1935	..do..	J. H. Williams & Co.....	Apparatus repairs.....	14 69
1936	..do..	Delta File Works.....	Laboratory supplies.....	3 21
1937	..do..	Weil Brothers.....	Tools.....	10 00
1938	..do..	L. Wolff Mfg. Co.....	Plumbing.....	5 27
1939	..do..	Fuller & Fuller Co.....	Laboratory supplies.....	48 75
1940	..do..	Leeds & Northup Co.....	..do.....	6 60
1941	..do..	Goldschmidt Thermit Co.....	..do.....	8 00
1942	..do..	Harris Brothers Co.....	Folding chairs.....	13 75
1943	..do..	The Engineering Magazine.....	Advertising.....	1 99
1944	..do..	General Acoustic Co.....	Rental Dictograph Service.....	5 25
1945	..do..	Library of Congress.....	Deposit for index cards.....	5 00
1946	..do..	White Line Steam Laundry.....	Laundry.....	14 72

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
1947	Oct. 10	James B. Clow & Sons.	Tools.	\$ 6 17
1948	..do.	American LaFrance Fire Engine Co.	..do.	7 50
1949	..do.	Siegel, Cooper & Co.	Supplies.	7 82
1950	..do.	Green Engineering Co.	Machine repairs.	7 81
1951	..do.	Knowlton & Bennett.	Glass.	1 60
1952	..do.	Home Telephone Co.	Service.	100 00
1953	..do.	A. W. Pierson.	General supplies.	2 00
1954	..do.	H. A. Aldrich & Co.	Field expenses.	129 35
1955	..do.	Illinois Motor Car Sales Co.	Livery.	5 00
1956	..do.	Dean Brothers.	Plumbing.	16 80
1957	..do.	National Drain Tile Co.	Drains.	93 06
1958	..do.	O. E. Shobe & Co.	Livery.	1 50
1959	..do.	Watson Faulkner.	Laboratory apparatus.	2 25
1960	..do.	C. H. Masters.	General supplies.	1 00
1961	..do.	Ansco Co.	..do.	2 67
1962	..do.	Dr. G. W. Meyer.	Laboratory supplies.	2 00
1963	..do.	Armstrong & Harris.	General supplies.	2 30
1964	..do.	Weston Electrical Instrument Co.	Apparatus repairs.	6 70
1965	..do.	The Bridgeport Chain Co.	Building materials.	4 00
1966	..do.	F. M. Leslie.	Supplies.	1 00
1967	..do.	Champaign Steam Laundry.	Laundry.	2 56
1968	..do.	Powers Regulator Co.	General supplies.	6 88
1969	..do.	Scientific Materials Co.	Laboratory supplies.	1,546 57
1970	..do.	G. W. Smalley.	Traveling expenses.	11 44
1971	..do.	H. J. Snider.	..do.	19 38
1972	..do.	E. E. Hoskins.	..do.	9 42
1973	..do.	S. V. Holt.	..do.	57 80
1974	..do.	C. C. Logan.	..do.	11 72
1975	..do.	Alfred Bergren.	..do.	54 07
1976	..do.	H. C. Gilkerson.	..do.	4 54
1977	..do.	Robert W. Stark.	..do.	16 55
1978	..do.	H. C. Wheeler.	..do.	44 09
1979	..do.	J. A. Black.	Farm buildings.	22 50
1980	..do.	L. A. Hunter.	Field expenses.	15 69
1981	..do.	H. C. Gilkerson.	..do.	24 86
1982	..do.	O. S. Fisher.	..do.	204 17
1983	..do.	Rance Sutton.	..do.	24 94
1984	..do.	Albert Tate.	..do.	43 05
1985	..do.	George W. Matheny.	..do.	60 05
1986	..do.	Henry Pfau.	..do.	52 58
1987	..do.	Frank Morgan.	..do.	40 00
1988	..do.	Wm. Webb.	..do.	49 50
1989	..do.	C. W. Crabtree.	..do.	65 50
1990	..do.	Wm. Aten, Sr.	..do.	42 25
1991	..do.	Raymond G. Goist.	..do.	6 75
1992	..do.	Elmer Musgrove.	..do.	85 80
1993	..do.	Wm. Powell.	..do.	42 18
1994	..do.	Barnhart Brothers.	Laboratory supplies.	1 50
1995	..do.	R. C. Wagner & Son.	Grading.	24 00
1996	..do.	Waukesha Mfg. Co.	Sheep crates.	8 50
1997	..do.	R. F. Hilderbrand.	Photos of swine.	1 00
1998	..do.	Twin City Ice & Cold Storage Co.	Laboratory supplies.	24 00
1999	..do.	F. K. Robeson.	Can rubbers for mason jars.	6 60
2000	..do.	W. D. Nevel.	Pollucite.	20 00
2001	..do.	Southern Illinois Penitentiary.	Janitor supplies.	30 50
2002	..do.	Illinois State Reformatory.	Printing.	7 00
2003	..do.	Chas. A. Hall Hardware Co.	Tools.	6 50
2004	..do.	Leavitt Mfg. Co.	Apparatus repairs.	4 05
2005	..do.	Royal A. Stipes.	General supplies.	6 60
2006	..do.	Walker & Mulliken.	Window shade cloth.	5 75
2007	..do.	The Letter Shop.	Clerical assistance.	3 65
2008	..do.	Creamery Package Mfg. Co.	Apparatus repairs.	6 40
2009	..do.	Wm. Webb.	General supplies.	50 41
2010	..do.	Astrid S. Rosing.	Drains.	205 67
2011	..do.	Crucible Steel Co.	Laboratory supplies.	35 29
2012	..do.	American Steel & Wire Co.	Fencing.	9 00
2013	..do.	Harbinson-Walker Refractories Co.	Laboratory supplies.	6 90
2014	..do.	French Battery & Carbon Co.	Telephone batteries.	20 70
2015	..do.	Weis Mfg. Co.	Office supplies.	5 70
2016	..do.	Rand, McNally & Co.	..do.	13 25
2017	..do.	Irving-Pitt Mfg. Co.	..do.	8 36
2018	..do.	Kimble Durand Glass Co.	..do.	1 73
2019	..do.	Kimble Durand Glass Co.	Laboratory supplies.	18 00
2020	..do.	Mallory & Mitchell.	Advertising.	109 40
2021	..do.	Neostyle Co.	Office supplies.	3 50
2022	..do.	Illinois Glass Co.	Laboratory supplies.	13 20
2023	..do.	Ernst Leitz.	..do.	20 96
2024	..do.	Illinois Pharmaceutical Assn.	Advertising.	20 00
2025	..do.	Morrison, Plummer & Co.	Laboratory supplies.	254 37

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
2026	Oct. 10	National Assn. of Retail Druggists.	Advertising.	\$ 7 09
2027	do.	Alumni Assn.	do.	3 25
2028	do.	Sears, Roebuck & Co.	Apparatus repairs.	8 40
2029	do.	O. E. Staples, Bursar.	Express bills paid in cash.	70 11
2030	do.	O. E. Staples, Bursar.	Freight bills paid in cash.	132 66
2031	do.	Western Electric Co.	Laboratory supplies.	44 78
2032	do.	Vaughan's Seed Store.	do.	16 50
2033	do.	Williams Brothers.	Building materials.	2 13
2034	do.	J. F. Auld.	do.	27 00
2035	do.	Oldham Brothers.	Farm buildings supplies.	15 75
2036	do.	Automatic Electric Co.	Supplies.	2 69
2037	do.	Bryan-Marsh Electric Co.	do.	140 86
2038	do.	Standard Oil Co.	General supplies.	23 09
2039	do.	Ernst Hertzberg & Sons.	Books.	18 66
2040	do.	Flat Iron Store Co.	Laboratory apparatus.	49 41
2041	do.	Geo. Carpenter & Co.	General supplies.	34 85
2042	do.	W. Lewis & Co.	do.	4 81
2043	do.	Taylor Hardware Co.	Building materials.	18 25
2044	do.	W. W. Walls & Co.	do.	3 62
2045	do.	D. H. Lloyd.	Office equipment.	8 47
2046	do.	Bacon Brothers.	Painting.	53 04
2047	do.	Twin City Roofing & Sheet Metal Works	Building materials.	22 95
2048	do.	Illinois State Reformatory.	Printing.	52 35
2049	do.	The Burr Co.	Machine repairs.	50 75
2050	do.	John H. Doyle.	Farm machinery.	83 35
2051	do.	Woldenberg & Schaar.	Laboratory supplies.	201 25
2052	do.	E. H. Sargent & Co.	Laboratory apparatus.	99 45
2053	do.	Flanigan-Pearson Co.	Office supplies.	301 18
2054	do.	Miller, Harness Co.	Machine repairs.	5 55
2055	do.	Siegel, Cooper & Co.	Laboratory apparatus.	22 92
2056	do.	Twin City Ice & Cold Storage Co.	Supplies.	8 00
2057	do.	B. W. Benedict.	Traveling expenses.	2 30
2058	do.	A. Floyd Heck.	Field expenses.	26 80
2059	Oct. 11	Flanigan-Pearson Co.	Printing.	53 00
2060	do.	J. F. Gillespie.	Traveling expenses.	7 63
2061	do.	O. E. Staples, Bursar.	Sundry bills paid in cash.	77 50
2062	Oct. 14	H. D. Oberdorfer.	Coal.	1 90
2063	do.	M. R. Carlson.	Traveling expenses.	3 90
2064	do.	J. Kincaid.	Services.	30 00
2065	do.	H. W. Stewart.	Traveling expenses.	9 60
2066	do.	A. Zappone, Dish Clerk.	Live stock.	25 00
2067	do.	Robert Rutter & Son.	Binding books.	4 00
2068	do.	Illinois State Register.	Magazine.	5 00
2069	do.	A. L. A. Publishing Board.	Books.	8 80
2070	do.	Bennett's Newspaper & Magazine Agency	Magazines.	10 00
2071	do.	Downing's American Despatch.	Expenses.	8 35
2072	do.	Silica Syndicate.	Laboratory supplies.	193 72
2073	do.	C., C. & St. L. Ry. Co.	Freight.	12 38
2074	do.	C., C. & St. L. Ry. Co.	do.	37 58
2075	do.	The Wabash R. R. Co.	do.	110 42
2076	do.	G. E. Stechert & Co.	Books.	91 99
2077	do.	G. W. Sheldon & Co.	Expenses.	34 10
2078	do.	Ernst Hertzberg & Sons.	Binding books.	713 69
2079	do.	Library Congress.	Catalog cards.	75 00
2080	do.	Gustav Fock.	Books.	209 78
2081	do.	Norman W. Henley Publishing Co.	do.	15 04
2082	do.	Sharp & Smith.	Laboratory apparatus.	7 27
2083	do.	Herrick & Stoltey.	Livery service.	4 00
2084	do.	The Religious Education Assn.	Subscription.	3 00
2085	do.	Clayton F. Summy Co.	Supplies.	1 56
2086	do.	20th Century Press Clipping.	Clippings.	7 50
2087	do.	R. R. Bowker Co.	Books.	4 00
2088	do.	Hispanic Society of America.	do.	4 00
2089	do.	Chester Transfer Co.	Drayage.	36 87
2090	do.	Bennett's Newspaper & Magazine Agency	Magazine.	95
2091	do.	Iola Portland Cement Co.	Freight.	1 71
2092	do.	H. A. Hollister.	Traveling expenses.	16 96
2093	do.	Urbana Courier Co.	Classified advertisement.	3 08
2094	do.	G. E. Stechert & Co.	Books.	7 57
2095	Oct. 15	Pay roll.	Civil service.	93 12
		Hannah, H. I.	Wages, September, 193.	\$29 75
		Odell, Arthur.	do.	63 37
2096	do.	Pay roll.	Civil service.	577 00
		Brumley, C. A.	Wages, September, 1913.	52 00
		Dale, Fred.	do.	50 00
		Foss, Margaret.	do.	40 00
		Glenn, David.	do.	25 00
		Gossett, LeRoy.	do.	14 60
		James, L. E.	do.	25 20

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
2096	Oct. 15	Jennings, Elmer.....	Wages, September, 1913..	\$30 60
Cld.		Long, Roy.....	do.....	29 00
		McFadden, W. J.....	do.....	46 80
		Merchant, Dona.....	do.....	50 00
		Mock, Forrest.....	do.....	56 80
		Moody, D. L.....	do.....	45 60
		Ollis, A. W.....	do.....	24 60
		Simerl, M. A.....	do.....	26 80
		Neeham, Lucile.....	do.....	60 00
2097	Oct. 16	W. F. Handschin.....	Traveling expenses.....	\$ 16 50
2098	do.	A. W. Nolan.....	do.....	1 85
2099	do.	L. E. Foglesong.....	do.....	10 46
2100	do.	The Wabash R. R.....	Freight.....	6 00
2101	do.	F. M. Leslie.....	Framing picture.....	3 00
2102	do.	Doubleday, Page & Co.....	Subscriptions.....	4 65
2103	do.	The Milk Reporter.....	do.....	1 00
2104	do.	The Western Electric Co.....	Laboratory supplies.....	16 70
2105	do.	Wm. P. Carmichael Co.....	do.....	18 35
2106	do.	H. T. Lundquist.....	Apparatus repairs.....	16 87
2107	do.	The Daily Illini.....	Advertising.....	3 00
2108	do.	Western Carbon & Ribbon Co.....	Office supplies.....	73 00
2109	do.	Scientific Materials Co.....	Supplies.....	31 66
2110	do.	R. F. Weissbrenne.....	Violin.....	30 00
2111	do.	G. F. Sutherland.....	Laboratory supplies.....	15 00
2112	do.	Marine Biological Laboratory.....	do.....	8 75
2113	do.	S. E. Dillavou.....	Fencing and farm machinery.....	85 60
2114	do.	W. Lewis & Co.....	General supplies.....	2 20
2115	do.	The Shavings & Sawdust Co.....	Shavings.....	111 64
2116	do.	Dallenbach Brothers.....	Laboratory supplies.....	3 50
2117	do.	A. S. Nelson & Sons.....	do.....	6 50
2118	do.	Detroit Flower Pot Co.....	General supplies.....	57 18
2119	do.	The Babcock & Wilcox Co.....	Machinery repairs.....	17 40
2120	do.	Flat Iron Store Co.....	White cheese cloth.....	2 97
2121	do.	Tully's.....	Apple baskets.....	4 50
2122	do.	International Press Clipping Bureau.....	Clippings.....	5 00
2123	do.	William T. Comstock Co.....	Architect's Directory, 1913-14.....	3 00
2124	do.	The New Era Printing Co.....	Printing.....	9 80
2125	do.	Consumers Co.....	Hydrex.....	3 30
2126	do.	Eberhard Faber.....	Office supplies.....	103 37
2127	do.	Irving Pitt Mfg. Co.....	do.....	1 54
2128	do.	Sanford Mfg. Co.....	do.....	10 50
2129	do.	F. A. Hardy & Co.....	Laboratory apparatus.....	147 00
2130	do.	Chas. E. Mueller Co.....	Supplies.....	45 00
2131	do.	Farrar & Quinlan.....	do.....	58 65
2132	do.	Twin City Creamery Co.....	Butter.....	14 50
2133	do.	Breeder's Gazette.....	Subscription.....	4 25
2134	do.	Chicago Packing House.....	Supplies.....	64 08
2135	do.	Geo. Banta Publishing Co.....	Printing.....	222 06
2136	do.	J. S. Reimund.....	Supplies.....	15 75
2137	do.	J. Horace McFarland Co.....	Laboratory apparatus.....	101 40
2138	do.	Flanigan Pearson Co.....	Printing.....	53 00
2139	do.	A. S. Nelson & Sons.....	Supplies.....	4 90
2140	do.	Metzler & Schafer Co.....	do.....	18 56
2141	do.	D. H. Lloyd.....	Office supplies.....	44 09
2142	do.	E. H. Sargent & Co.....	Laboratory apparatus.....	18 70
2143	do.	Eisner Grocery Co.....	Supplies.....	15 47
2144	do.	J. W. Butler Paper Co.....	do.....	213 13
2145	do.	Illinois State Reformatory.....	Printing.....	451 75
2146	do.	The Letter Shop.....	Clerical assistance.....	6 20
2147	do.	Crane Co.....	Plumbing.....	10 85
2148	do.	Champaign Steam Laundry.....	Laundry.....	15 03
2149	do.	G. C. Willis.....	Laboratory supplies.....	8 55
2150	do.	F. K. Robeson.....	Laboratory apparatus.....	23 39
2151	do.	Keuffel & Esser Co.....	Office supplies.....	27 95
2152	do.	National Blank Book Co.....	do.....	23 70
2153	do.	Eugene Dietzgen Co.....	Laboratory supplies.....	19 50
2154	do.	G. Gennert.....	General supplies.....	9 54
2155	do.	Champaign Seed Co.....	Feeding supplies.....	97 30
2156	do.	Champaign Urbana Water Co.....	Water permit and general supplies.....	39 95
2157	do.	Knowlton & Bennett.....	Office supplies.....	3 30
2158	do.	Mittendorf & Klier.....	do.....	13 88
2159	do.	Machinists Supply Co.....	Laboratory supplies.....	61
2160	do.	Vaughans Seed Store.....	Supplies.....	4 25
2161	Oct. 17	C. S. Crandall.....	Traveling expenses.....	12 95
2162	do.	S. V. Holt.....	do.....	130 44
2163	do.	Robert W. Stark.....	do.....	16 64
2164	do.	H. C. Wheeler.....	do.....	53 82
2165	do.	D. O. Barto.....	do.....	8 45
2166	do.	R. W. Dickenson.....	do.....	34 94

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
2167	Oct. 17	F. W. Washer.....	Traveling expenses.....	\$ 50 45
2168	..do..	C. C. Logan.....	..do..	13 93
2169	..do..	J. C. Mosier.....	..do..	45 06
2170	..do..	Isabel Bevier.....	..do..	3 40
2171	..do..	Mamie Bunch.....	..do..	3 27
2172	..do..	Warren A. Ruth.....	Field expenses.....	86 75
2173	..do..	H. J. Snider.....	Traveling expenses.....	8 56
2174	..do..	Harrison Fahrnkopf.....	Field expenses.....	20 49
2175	..do..	A. Floyd Heck.....	Traveling expenses.....	8 62
2176	..do..	Henry Lussenhop.....	Field expenses.....	13 00
2177	..do..	Orr M. Allyn.....	Traveling expenses.....	29 06
2178	..do..	James H. Carter.....	Field expenses.....	70 00
2179	..do..	Stephen Rogers.....	..do..	172 99
2180	..do..	Revere Rubber Co.....	Garden hose.....	44 61
2181	..do..	J. E. Whitechurch.....	Field expenses.....	36 85
2182	..do..	W. E. Johns.....	Traveling expenses.....	50 78
2183	..do..	D. A. Abrams.....	..do..	3 95
2184	..do..	Marshall Field & Co.....	Supplies.....	1 50
2185	..do..	Brooks Bank Brothers.....	..do..	2 20
2186	..do..	Armour Co.....	..do..	11 25
2187	..do..	Chicago Towel Co.....	Towel service, September, 1913.....	24 00
2188	..do..	F. G. Hartwell Co.....	Coal.....	105 97
2189	..do..	Wm. Wood & Co.....	Medical Record.....	5 00
2190	..do..	Demonstrators' Assn. of Illinois.....	Expenses.....	70 00
2191	..do..	Library Bureau.....	Book truck.....	25 00
2192	..do..	Ahrens & Schreiner.....	Supplies.....	1 10
2193	..do..	Chicago Telephone Co.....	Service.....	14 47
2194	..do..	Morrisson, Plummer & Co.....	Supplies.....	42 83
2195	..do..	Illinois State Reformatory.....	Envelopes.....	23 40
2196	..do..	P. S. Campbell.....	Petitions for postponement of pay- ment of tuition.....	6 75
2197	..do..	American-German Boiler Compound Co.....	Supplies.....	23 80
2198	..do..	H. W. Johns-Manville Co.....	..do..	66 30
2199	..do..	Remington Typewriter Co.....	Rental of typewriter.....	3 00
2200	..do..	P. J. Kester.....	Supplies.....	9 00
2201	..do..	Michigan Lubricator Co.....	Cyclone lubricator.....	9 30
2202	..do..	Mallory & Mitchell.....	Supplies.....	52 50
2203	..do..	Stebbins Hardware Co.....	Galvanized pails.....	4 00
2204	..do..	Cameron, Amberg & Co.....	Dental schedules.....	17 40
2205	..do..	C. L. Frame Dental Supply Co.....	Supplies.....	218 76
2206	..do..	The R. D. Swisher Mfg. Co.....	..do..	66 65
2207	..do..	H. M. Hooker Co.....	..do..	16 48
2208	..do..	Western Lumber Co.....	Lumber.....	25 79
2209	..do..	Chicago Addressing Co.....	Supplies.....	39 26
2210	..do..	V. Mueller & Co.....	..do..	23 85
2211	..do..	The A. H. Andrews Co.....	..do..	143 90
2212	..do..	Cameron, Amberg & Co.....	..do..	52 50
2213	..do..	City of Chicago.....	Elevator inspection.....	4 00
2214	..do..	Flanigan-Pearson Co.....	Printing.....	32 08
2215	..do..	Illinois State Reformatory.....	..do..	11 40
2216	..do..	J. F. Auld.....	Plastering.....	82 74
2217	..do..	Bacon Brothers.....	Painting.....	2 75
2218	..do..	Ernst Hertzberg & Sons.....	..do..	3 69
2219	..do..	Maud Parsons.....	Traveling expenses.....	8 09
2220	..do..	Western Stoneware Co.....	Molding clay.....	10 50
2221	..do..	Urbana Courier Herald.....	Expenses.....	1 15
2222	..do..	Green Engineering Co.....	Machine repairs.....	5 20
2223	..do..	Knowlton & Bennett.....	Building materials.....	1 25
2224	..do..	Central Electric Co.....	Electrical materials.....	545 95
2225	..do..	Twin City Roofing & Sheet Metal Works.....	Building materials.....	23 40
2226	..do..	John Harp.....	Grading.....	181 70
2227	..do..	Oliver Typewriter Co.....	Office equipment repairs.....	7 29
2228	..do..	John Gray, Contractor.....	Laboratory apparatus.....	60 50
2229	Oct. 18	Standard Oil Co.....	General supplies.....	10 46
2230	..do..	Williams Brothers.....	Building materials.....	1 90
2231	..do..	J. W. Butler Paper Co.....	Office supplies.....	3 25
2232	..do..	Walter M. Hill.....	Manual for writers.....	1 22
2233	..do..	Union Clay Products Co.....	Laboratory supplies.....	4 80
2234	..do..	Ernst Leitz.....	Laboratory apparatus.....	82 00
2235	..do..	G. E. Stechert & Co.....	Magazines.....	161 66
2236	..do..	Library Bureau.....	General supplies.....	134 08
2237	..do..	Miss Flora Brown.....	Office supplies.....	1 50
2238	..do..	George W. Medley.....	Field expenses.....	52 50
2239	..do..	F. W. Muncie.....	Traveling expenses.....	9 55
2240	..do..	C. S. Crandall.....	..do..	2 42
2241	..do..	Wilhelm Miller.....	..do..	13 14
2242	..do..	Scott Paper Co.....	Drinking cups.....	6 00
2243	..do..	Bennett's Magazine Agency.....	Newspapers.....	13 85
2244	..do..	P. Adams.....	Labor.....	99 87

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
2245	Oct. 18	The American Contractor.....	Advertising.....	\$ 2 00
2246	..do.....	Champaign Gazette.....	Notice from Dean Clark.....	1 50
2247	..do.....	Pay roll.....		88,042 29
		Filbey, E. J.....	Salary, October, 1913.....	\$ 183 33
		James, Edmund J.....	do.....	1,000 00
		Frazer, George E.....	do.....	300 00
		Smith, Adelle C (Student).....	do.....	60 00
		Fiero, E. E (Student).....	do.....	50 00
		Warnock, A. R.....	do.....	150 00
		Kyle, Martha J.....	do.....	50 00
		Strong, Lillian.....	do.....	50 00
		Hollister, H. A.....	do.....	270 83
		Carson, H. Y.....	do.....	125 00
		Kelley, R. L (Student).....	do.....	100 00
		Rice, G. B.....	do.....	250 00
		White, J. M.....	do.....	416 66
		Davenport, Eugene.....	do.....	500 00
		Rietz, H. L.....	do.....	100 00
		Roberts, Elmer.....	do.....	50 00
		Checkley, J. H.....	do.....	83 33
		Jamison, A. W.....	do.....	166 66
		Miller, W. P.....	do.....	41 66
		Nolan, A. W.....	do.....	200 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
		Burlison, W. L.....	do.....	116 66
		Clevenger, C. B.....	do.....	70 00
		Dickerson, I. W.....	do.....	133 33
		Dickinson, R. W.....	do.....	83 33
		Ebersol, E. T.....	do.....	60 00
		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
		Gernert, 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
		Hopkins, C. G.....	do.....	416 66
		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
		Park, J. B.....	do.....	150 00
		Pettit, J. H.....	do.....	250 00
		Reed, C. O.....	do.....	120 00
		Sachs, W. H.....	do.....	133 33
		Schoonover, W. R.....	do.....	70 00
		Smith, L. H.....	do.....	266 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
		Whitchurch, J. E.....	do.....	150 00
		Whiting, A. L.....	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
		Detlefsen, J. A.....	do.....	200 00
		Edmonds, J. L.....	do.....	208 33
		Grindlay, H. S.....	do.....	291 66
		Hall, L. D.....	do.....	112 50
		Handschin, W. F.....	do.....	200 00
		Joseph, W. E.....	do.....	150 00
		Mitchell, H. H.....	do.....	133 33
		Mumford, H. W.....	do.....	416 66

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
2247 Ctd.	1913. Oct. 18	Newlin, C. I. ....	Salary, October, 1913. ....	\$100 00
		Place, V. A. ....	do. ....	100 00
		Rusk, H. P. ....	do. ....	208 33
		Simpson, F. M. ....	do. ....	133 33
		Smith, W. H. ....	do. ....	125 00
		Wells, J. R. ....	do. ....	83 33
		Yoke, J. J. ....	do. ....	83 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. ....	116 66
		Keller, O. A. ....	do. ....	91 66
		Lang, LeRoy ....	do. ....	175 00
		Parker, H. N. ....	do. ....	200 00
		Pearson, F. A. ....	do. ....	91 66
		Ruehe, H. A. ....	do. ....	133 33
		Yapp, W. W. ....	do. ....	91 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
		Foglesong, L. E. ....	do. ....	116 66
		Gardner, J. J. ....	do. ....	100 00
		Gunderson, A. J. ....	do. ....	100 00
		Hoffman, R. W. ....	do. ....	70 00
		Hutchinson, James ....	do. ....	100 00
		Lloyd, J. W. ....	do. ....	291 66
		Miller, Wilhelm ....	do. ....	250 00
		Muncie, F. W. ....	do. ....	83 33
		Nehrling, A. H. ....	do. ....	150 00
		Peltier, G. L. ....	do. ....	83 33
		Pickett, B. S. ....	do. ....	250 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
		Bevier, Isabel ....	do. ....	250 00
		Crigler, Nina B. ....	do. ....	116 66
		Fleming, Georgia ....	do. ....	100 00
		Goldthwaite, Nellie E. ....	do. ....	187 50
		Gray, Cora E. ....	do. ....	116 66
		Harrison, Florence ....	do. ....	100 00
		Parsons, Maud ....	do. ....	116 66
		Pincomb, Helena M. ....	do. ....	133 33
		Seymour, Lurene ....	do. ....	150 00
		Stevens, Grace E. ....	do. ....	110 00
		Wheeler, Ruth ....	do. ....	141 66
		McIntosh, Donald ....	do. ....	208 33
		Ash, Percy ....	do. ....	208 33
		Burton, S. C. ....	do. ....	140 00
		Clark, C. R. ....	do. ....	166 66
		Corrubia, A. B. M. ....	do. ....	160 00
		Cowley, F. K. ....	do. ....	120 00
		Fehrenkamp, Winifred ....	do. ....	70 00
		Forsythe, J. H. ....	do. ....	150 00
		Jones, R. T. ....	do. ....	160 00
		Kellogg, J. M. ....	do. ....	150 00
		Kimball, A. H. ....	do. ....	150 00
		Provine, L. H. ....	do. ....	291 66
		Ricker, N. C. ....	do. ....	291 66
		Titecomb, W. C. ....	do. ....	175 00
		Wells, N. A. ....	do. ....	104 16
		Baker, I. O. ....	do. ....	333 33
		Bowling, B. L. ....	do. ....	83 33
		Davis, R. E. ....	do. ....	120 00
		Garver, N. B. ....	do. ....	141 66
		McDaniel, A. B. ....	do. ....	229 16
		Pickels, G. W. ....	do. ....	150 00
		Raynor, W. H. ....	do. ....	130 00
		Smith, J. E. ....	do. ....	150 00
		Wiley, C. C. ....	do. ....	141 66
		Biegler, P. S. ....	do. ....	166 66



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
2247 Ctd.	1913. Oct. 18	Brooks, Morgan.....	Salary, October, 1913.....	\$250 00
		Bryant, J. M.....	do.....	229 16
		Fisk, I. W.....	do.....	133 33
		James, L. V.....	do.....	133 33
		Knight, A. R.....	do.....	150 00
		Loring, F. C.....	do.....	130 00
		Paine, E. B.....	do.....	250 00
		Waldo, E. H.....	do.....	166 66
		Abrams, D. A.....	do.....	150 00
		Chittenden, A. K.....	do.....	229 16
		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
		Yensen, T. D.....	do.....	133 33
		Crane, Rufus.....	do.....	100 00
		Jordan, H. H.....	do.....	140 00
		Miller, H. W.....	do.....	183 33
		Nelson, W. S.....	do.....	30 00
		Porter, F. M.....	do.....	125 00
		Rugg, H. O.....	do.....	150 00
		Steward, R. K.....	do.....	141 66
		Benedict, B. W.....	do.....	291 66
		Dent, J. A.....	do.....	150 00
		Domonske, A. B.....	do.....	140 00
		Duncan, J. M.....	do.....	90 00
		Eames, H. S.....	do.....	140 00
		Gross, G. A.....	do.....	167 30
		Frisk, J. A.....	do.....	91 66
		Godeke, H. F.....	do.....	130 00
		Goodenough, G. A.....	do.....	291 66
		Harding, L. A.....	do.....	291 66
		Kennedy, R. E.....	do.....	180 00
		Lanham, E. T.....	do.....	120 00
		Leutwiler, O. A.....	do.....	241 66
		Pendleton, J. C.....	do.....	100 00
		Radebaugh, G. H.....	do.....	110 00
		Rebman, P. J.....	do.....	80 00
		Richards, C. R.....	do.....	479 16
		Scroggin, D. L.....	do.....	120 00
		Torrance, F. C.....	do.....	110 00
		Waterfall, H. W.....	do.....	130 00
		Willard, A. C.....	do.....	200 00
		Andros, S. O.....	do.....	25 00
		Holbrook, E. A.....	do.....	208 33
		Stoek, H. H.....	do.....	416 66
		Babbitt, H. E.....	do.....	140 00
		Boomsliiter, G. P.....	do.....	170 00
		Enger, M. L.....	do.....	187 50
		Ensign, N. E.....	do.....	150 00
		Felming, V. R.....	do.....	150 00
		Gardner, Harry.....	do.....	140 00
		Gonnerman, H. F.....	do.....	150 00
		Noerenberg, C. E.....	do.....	170 00
		Seely, F. B.....	do.....	170 00
		Talbot, A. N.....	do.....	416 66
		Vallance, Alexander.....	do.....	140 00
		Bair, W. H.....	do.....	50 00
		Carman, A. P.....	do.....	416 66
		Jones, L. T.....	do.....	95 00
		Karrer, Sebastian.....	do.....	70 00
		Knipp, C. T.....	do.....	233 33
		Kunz, Jakob.....	do.....	208 33
		Nathanson, J. B.....	do.....	50 00
		Schulz, W. F.....	do.....	183 33
		Randolph, O. A.....	do.....	90 00
		Shook, G. A.....	do.....	120 00
		Smith, O. H.....	do.....	95 00
		Watson, F. R.....	do.....	229 16
		Warner, E. H.....	do.....	80 00
		Williams, E. H.....	do.....	141 66
		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

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
2247 Ctd.	1913. Oct. 18	Green, Frederick.....	Salary, October, 1913.....	\$291 66
		Hale, W. G.....	do.....	291 66
		Harker, O. A.....	do.....	416 66
		Pomeroy, J. N.....	do.....	208 33
		Vernier, C. G.....	do.....	291 66
		Cassidy, H. M. (Student).....	do.....	25 00
		Andrews, O. M.....	do.....	83 33
		Babcock, K. C.....	do.....	416 66
		Meyer, G. H.....	do.....	20 83
		Bradbury, C. E.....	do.....	120 00
		Kelley, C. F.....	do.....	150 00
		Lake, E. J.....	do.....	187 50
		Wetmore, Mary M.....	do.....	150 00
		Bond, J. J. D.....	do.....	30 00
		Reed, F. W.....	do.....	140 00
		Stebbins, Joel.....	do.....	291 66
		Burton, L. V.....	do.....	60 00
		Newell, C. R.....	do.....	100 00
		Rahn, Otto.....	do.....	225 00
		Brigham, R. O.....	do.....	60 00
		Hague, Stella M.....	do.....	90 00
		Hottes, C. F.....	do.....	250 00
		Lamkey, E. M. R.....	do.....	60 00
		LeCato, J. M.....	do.....	60 00
		McDougall, W. B.....	do.....	120 00
		Parr, Rosalie M.....	do.....	80 00
		Scherfee, S. H.....	do.....	30 00
		Trelease, Wm.....	do.....	416 66
		Waggoner, H. D.....	do.....	60 00
		Whitten, J. H.....	do.....	60 00
		Hursh, R. K.....	do.....	150 00
		Radcliffe, B. S.....	do.....	120 00
		Rand, C. C.....	do.....	80 00
		Stull, R. T.....	do.....	250 00
		Adams, W. C.....	do.....	10 00
		Allen, C. H.....	do.....	50 00
		Baker, R. E.....	do.....	35 00
		Balke, C. W.....	do.....	250 00
		Ball, T. R.....	do.....	30 00
		Bates, S. J.....	do.....	100 00
		Beal, G. D.....	do.....	140 00
		Braley, S. A.....	do.....	10 00
		Broderson, H. J.....	do.....	120 00
		Carter, H. M.....	do.....	30 00
		Charlton, E. E.....	do.....	30 00
		Clark, K. A.....	do.....	35 00
		Cohn, Alexander.....	do.....	10 00
		Darrah, Juanita E.....	do.....	30 00
		Davissou, B. S.....	do.....	60 00
		Derick, C. G.....	do.....	166 66
		Eckstein, C. H.....	do.....	10 00
		Engle, E. W.....	do.....	50 00
		Englis, D. T.....	do.....	30 00
		Foster, L. F.....	do.....	50 00
		Gilmore, R. E.....	do.....	30 00
		Hecker, C. H.....	do.....	100 00
		Hess, R. W.....	do.....	50 00
		Hewes, C. K.....	do.....	60 00
		Honovski, B. R.....	do.....	80 00
		Hopkins, B. S.....	do.....	140 00
		Janson, J. M.....	do.....	10 00
		Kremmers, H. C.....	do.....	30 00
		Layng, T. E.....	do.....	60 00
		Lewis, H. F.....	do.....	50 00
		MacArthur, C. G.....	do.....	150 00
		MacInnes, D. A.....	do.....	140 00
		Manuel, W. A.....	do.....	30 00
		Marquis, S. D.....	do.....	30 00
		Nelson, R. A.....	do.....	10 00
		Noyes, W. A.....	do.....	416 66
		Parr, S. W.....	do.....	333 33
		Prasil, Anton.....	do.....	10 00
		Read, J. W.....	do.....	60 00
		Rich, P. C.....	do.....	10 00
		Ruby, G. B.....	do.....	10 00
		Scholl, Clarence.....	do.....	30 00
		Sears, G. W.....	do.....	60 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1247	1913,			
Oct.	18			
Chf.				
		Stewart, C. W. J.	Salary, October, 1913.....	\$ 10 00
		Skinner, G. S.	do.....	10 00
		Smith, G. M.	do.....	166 66
		Smith, L. D.	do.....	100 00
		Snook, J. D.	do.....	10 00
		Straw, W. A.	do.....	10 00
		Taylor, E. H.	do.....	30 00
		Taylor, S. C.	do.....	50 00
		Thorp, Lambert.	do.....	120 00
		Tippett, R. W.	do.....	30 00
		Valentine, H. D.	do.....	30 00
		Van Zoeren, G. J.	do.....	60 00
		Washington, E. W.	do.....	291 66
		Weber, H. C. P.	do.....	166 66
		Weiland, H. J.	do.....	35 00
		Wichers, Edward.	do.....	30 00
		Widman, E. A.	do.....	50 00
		Bogart, E. L.	do.....	291 66
		Chase, W. A.	do.....	200 00
		Dewansup, E. R.	do.....	250 00
		Litman, Simon.	do.....	208 33
		Prickett, A. L.	do.....	40 00
		Robinson, M. H.	do.....	250 00
		Sooville, H. T.	do.....	200 00
		Stewart, C. L.	do.....	70 00
		Thompson, J. G.	do.....	180 00
		Thompson, N. A.	do.....	250 00
		Weston, H. A.	do.....	291 66
		Barton, H. J.	do.....	250 00
		Canter, H. V.	do.....	208 33
		Moss, C. M.	do.....	250 00
		Oldfather, W. A.	do.....	250 00
		Pease, A. S.	do.....	250 00
		Anderson, L. F.	do.....	229 16
		Bagley, W. C.	do.....	416 66
		Coffman, L. D.	do.....	291 66
		Hallquest, A. L.	do.....	50 00
		Harlan, C. L.	do.....	291 66
		Johnston, C. H.	do.....	150 00
		Miller, W. S.	do.....	375 00
		Alden, R. M.	do.....	175 00
		Baldwin, E. C.	do.....	140 00
		Boyer, C. V.	do.....	150 00
		Buchen, W. A.	do.....	500 00
		Clark, T. A.	do.....	140 00
		Creek, H. L.	do.....	140 00
		Curl, M. J.	do.....	140 00
		Dodge, D. K.	do.....	270 83
		Fulton, Edward.	do.....	175 00
		Goodwin, T. G.	do.....	100 00
		Guild, T. H.	do.....	125 00
		Gwin, Alta.	do.....	90 00
		Harbarger, Sada A.	do.....	100 00
		Jones, E. S.	do.....	120 00
		Jones, H. S. V.	do.....	153 33
		Jordan, J. C.	do.....	100 00
		Kelso, Ruth.	do.....	100 00
		Kyle, Martha J.	do.....	130 00
		Landee, Marion.	do.....	45 00
		Loomis, R. S.	do.....	120 00
		McJinnston, Harrison.	do.....	120 00
		Paul, H. G.	do.....	208 33
		Rhaker, Clarissa.	do.....	110 00
		Saret, L. R.	do.....	100 00
		Schoepferle, Gertrude.	do.....	130 00
		Scott, F. W.	do.....	200 00
		Sherman, S. P.	do.....	308 33
		Stanley, T. B.	do.....	60 00
		Sturcliffe, E. G.	do.....	100 00
		Tiele, A. J.	do.....	120 00
		Wheter, G. F.	do.....	110 00
		Woolbert, C. H.	do.....	166 66
		Zettlin, Jacob.	do.....	133 33
		Folsom, J. W.	do.....	208 33
		Forbes, S. A.	do.....	83 33
		Glasgow, Hugh.	do.....	120 00
		MacGillivray, A. D.	do.....	250 00
		Peterson, Alvan.	do.....	60 00
		Bayley, W. S.	do.....	250 00
		Pleener, F. L.	do.....	40 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
2247 Ctd.	1913. Oct. 18	Heitkamp, G. W.....	Salary, October, 1913.....	\$ 40 00
		Rich, J. L.....	do.....	150 00
		Rolfe, C. W.....	do.....	250 00
		Ross, C. S.....	do.....	40 00
		Savage, T. W.....	do.....	208 33
		Thompson, David.....	do.....	40 00
		Barto, P. S.....	do.....	100 00
		Brooks, N. C.....	do.....	208 33
		Flom, G. T.....	do.....	233 33
		Goebel, Julius.....	do.....	312 50
		Green, Alexander.....	do.....	120 00
		Held, F. E.....	do.....	50 00
		Koller, A. H.....	do.....	130 00
		Lessing, O. E.....	do.....	291 66
		Meyer, G. H.....	do.....	208 33
		Poor, C. M.....	do.....	150 00
		Spindler, G. W.....	do.....	50 00
		Williams, C. A.....	do.....	150 00
		Zucker, A. E.....	do.....	50 00
		Alvord, C. W.....	do.....	145 83
		Brush, Elizabeth P.....	do.....	90 00
		Buck, S. J.....	do.....	150 00
		Cole, A. C.....	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
		Borger, R. L.....	do.....	125 00
		Burns, Josephine E.....	do.....	100 00
		Chittenden, E. W.....	do.....	120 00
		Crathorne, A. R.....	do.....	166 66
		Denton, W. W.....	do.....	140 00
		Emch, Arnold.....	do.....	187 50
		Hebbert, C. M.....	do.....	60 00
		Kempner, A. J.....	do.....	140 00
		Lytle, E. B.....	do.....	150 00
		Miller, G. A.....	do.....	291 66
		Rietz, H. L.....	do.....	158 33
		Rowland, S. A.....	do.....	75 00
		Rutledge, George.....	do.....	60 00
		Shaw, J. B.....	do.....	229 16
		Sisam, C. H.....	do.....	183 33
		Smith, G. W.....	do.....	60 00
		Souffer, E. B.....	do.....	130 00
		Townsend, E. J.....	do.....	333 33
		Wahlin, G. E.....	do.....	116 66
		Zeis, H. C.....	do.....	60 00
		Beard, J. H.....	do.....	130 00
		Burge, W. E.....	do.....	183 33
		Neill, Alma J.....	do.....	60 00
		Bode, B. H.....	do.....	291 66
		Daniels, A. H.....	do.....	333 33
		Geyer, D. L.....	do.....	50 00
		Shepherd, Queen L.....	do.....	110 00
		Dodd, W. F.....	do.....	191 66
		Fairlie, J. A.....	do.....	291 66
		Garner, J. W.....	do.....	333 33
		Hanford, A. C.....	do.....	50 00
		Mathews, J. M.....	do.....	150 00
		Bentley, Madison.....	do.....	270 83
		Ruckmich, C. A.....	do.....	130 00
		Sutherland, A. H.....	do.....	150 00
		Vance, T. J.....	do.....	90 00
		Beck, J. B.....	do.....	166 66
		Carnahan, D. H.....	do.....	112 50
		Carry, Charles.....	do.....	110 00
		Eppels, Joseph.....	do.....	90 00
		FitzGerald, J. D.....	do.....	225 00
		Moore, O. H.....	do.....	120 00
		Oliver, T. E.....	do.....	250 00
		Schulters, J. E.....	do.....	80 00
		Seymour, A. R.....	do.....	166 66
		Turner, L. M.....	do.....	150 00
		Wesenberg, T. G.....	do.....	90 00
		Hayes, E. C.....	do.....	275 00
		Todd, A. J.....	do.....	141 66
		Adams, C. C.....	do.....	137 50
		Chenoweth, H. E.....	do.....	30 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
2247 Ctd.	1913. Oct. 18	Cobb, Margaret V.....	Salary, October, 1913.....	\$ 30 00
		Faust, E. C.....	do.....	60 00
		Green, Bessie R.....	do.....	60 00
		Heimbürger, H. V.....	do.....	60 00
		Johnson, Gertrude.....	do.....	40 00
		Kingsley, J. S.....	do.....	291 66
		Linkins, R. H.....	do.....	60 00
		May, H. G.....	do.....	30 00
		Smith, Frank.....	do.....	250 00
		Stunkard, H. W.....	do.....	30 00
		VanCleave, H. J.....	do.....	120 00
		Ward, H. B.....	do.....	416 66
		Wells, Grace E.....	do.....	30 00
		Zeleny, Charles.....	do.....	250 00
		Hanson, R. B.....	do.....	60 00
		Harding, A. A.....	do.....	180 00
		Kirkup, Florence M.....	do.....	100 00
		Mills, C. H.....	do.....	225 00
		Morphy, E. W.....	do.....	170 00
		Nasmyth, H. D.....	do.....	170 00
		Schwartz, G. F.....	do.....	183 33
		Simon, Anna.....	do.....	100 00
		Smith, Constance Barlow.....	do.....	166 66
		Townsend, L. L.....	do.....	120 00
		Treat, Edna A.....	do.....	100 00
		Van den Berg, H. J.....	do.....	180 00
		Bond, Ethel.....	do.....	83 33
		Curtis, Florence R.....	do.....	133 33
		Reece, E. J.....	do.....	133 33
		Simpson, Frances.....	do.....	166 66
		Oaks, Katherine S.....	do.....	75 00
		Kinley, David.....	do.....	583 33
		Wright, A. B.....	do.....	50 00
		Austin, Louise.....	do.....	25 00
		Bayley, Paul.....	do.....	25 00
		Blaney, Lillian.....	do.....	25 00
		Brandner, A. R.....	do.....	25 00
		Browne, Lois A.....	do.....	25 00
		Clark, Helen.....	do.....	25 00
		Cort, W. W.....	do.....	30 00
		Coultas, Lois M.....	do.....	25 00
		Cushing, Helen I.....	do.....	25 00
		Dewey, Ida B.....	do.....	25 00
		Fisher, L. N.....	do.....	25 00
		Garman, Philip.....	do.....	25 00
		Haskett, Aloa A.....	do.....	25 00
		Heck, A. O.....	do.....	25 00
		Ingels, Nelle L.....	do.....	25 00
		Kile, Jessie J.....	do.....	25 00
		Knight, C. K.....	do.....	25 00
		Knoche, Viola E.....	do.....	25 00
		Lamb, B. F.....	do.....	25 00
		Lantz, C. W.....	do.....	25 00
		Lawrence, Matthew.....	do.....	25 00
		Lincoln, Warren.....	do.....	25 00
		McKenna, E. L.....	do.....	25 00
		Mathews, Howard.....	do.....	25 00
		Miles, Lois M.....	do.....	25 00
		Miller, Jessie F.....	do.....	25 00
		Pasmore, D. F.....	do.....	25 00
		Parker, Marr.....	do.....	25 00
		Partridge, N. L.....	do.....	25 00
		Paulson, P. A.....	do.....	25 00
		Ray, S. H.....	do.....	25 00
		Reeves, H. P.....	do.....	25 00
		Schinnerer, O. P.....	do.....	25 00
		Shewhart, W. A.....	do.....	25 00
		Siebens, Thekla M.....	do.....	25 00
		Smith, R. S.....	do.....	25 00
		Stevens, W. E.....	do.....	25 00
		Stokes, C. N.....	do.....	25 00
		Sullivan, W. W.....	do.....	25 00
		Theilen, Margaret K.....	do.....	25 00
		Thoreen, Edna A.....	do.....	26 00
		Thorne, Mabel E.....	do.....	25 00
		Wilber, A. S.....	do.....	25 00
		Wilson, W. H.....	do.....	25 00
		Wolf, H. C.....	do.....	25 00
		Wolfe, W. S.....	do.....	25 00

OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
2247 <i>Ctd.</i>	1913. Oct. 18	Brown, R. W.	Salary, October, 1913.	\$ 35 00
		Carroll, W. E.	do.	40 00
		Clark, F. E.	do.	35 00
		Conel, J. L.	do.	35 00
		Farwell, S. P.	do.	40 00
		Fracker, S. B.	do.	35 00
		Gittins, Elizabeth M.	do.	30 00
		Gutberlet, J. E.	do.	40 00
		Harder, O. E.	do.	30 00
		Heuse, E. O.	do.	40 00
		Holley, C. E.	do.	35 00
		Howard, J. W.	do.	30 00
		Johnson, Morris	do.	30 00
		Kircher, E. A. T.	do.	40 00
		Lehenbauer, P. A.	do.	40 00
		Macfarlane, Wallace	do.	35 00
		McGregor, H. H.	do.	35 00
		Mathewson, L. C.	do.	40 00
		Millard, E. B.	do.	40 00
		Miller, J. E.	do.	35 00
		Peine, A. F.	do.	35 00
		Russell, F. A.	do.	35 00
		Voegelien, Lily B.	do.	30 00
		Watson, Minnie E.	do.	35 00
		Wright, Quincy	do.	30 00
		Wyatt, F. A.	do.	35 00
		Belt, J. H.	do.	50 00
		Hadley, E. F.	do.	50 00
		McDermet, Rudolph	do.	50 00
		Maney, G. A.	do.	50 00
		Montgomery, Julian	do.	50 00
		Pogue, R. B.	do.	50 00
		Thomas, H. R.	do.	50 00
		Wohlenberg, W. J.	do.	50 00
		Carrithers, I. R.	do.	60 00
		Gill, H. L.	do.	220 00
		Huff, G. A.	do.	416 66
		Jones, R. R.	do.	120 00
		Manley, E. J.	do.	90 00
		Pengilly, H. E.	do.	10 00
		Brooks, Verna	do.	90 00
		Gaut, Rosa Lee	do.	40 00
		Hitt, Agnes	do.	20 00
		Hughitt, Anna L.	do.	100 00
		Landee, Marion C.	do.	45 00
		Moulton, Gertrude	do.	133 33
		Shoemaker, Dorothy Ruth	do.	70 00
		Webster, F. D.	do.	48 00
		Ayer, T. P.	do.	70 00
		Bollman, Minnie J.	do.	32 50
		Branch, Nelle E.	do.	32 50
		Breddus, John	do.	18 00
		Cristy, Glen	do.	18 00
		Craig, Jennie A.	do.	80 00
		Drury, F. K. W.	do.	200 00
		Dunlap, Fannie	do.	60 00
		Eppinger, J. G.	do.	36 00
		Felsenthal, Emma	do.	83 33
		Fontaine, E. O.	do.	36 00
		Gibson, Mable H.	do.	27 50
		Goulding, P. S.	do.	166 66
		Herdman, Margaret	do.	75 00
		Hodnefield, Jacob	do.	125 00
		Hubbard, Marie E.	do.	27 50
		Hutchins, Margaret	do.	83 33
		Javnrin, Charles	do.	41 66
		Johnson, Alice	do.	83 33
		Jutton, Emma R.	do.	100 00
		Kaiser, J. B.	do.	150 00
		Karsten, Eleanor G.	do.	100 00
		Leatherman, Marian	do.	75 00
		Mitchell, Marguerite	do.	65 00
		Patton, Adah	do.	91 66
		Torrance, Mary	do.	75 00
		Troy, Mary Z.	do.	65 00
		Windsor, P. L.	do.	291 66
		Wyeth, Ola M.	do.	80 00
		Burmester, W. H.	do.	166 66
		Dreyer, George P.	do.	41 66

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
2247 Cld.	1913. Oct. 18	Dreyer, Geo. P.	Salary, October, 1913.	\$291 66
		Eycleshymer, A. C.	do.	416 66
		Fantus, Bernard.	do.	166 66
		Gardner, Stella.	do.	83 33
		Gehrman, Adolph.	do.	66 66
		Haskell, J. E.	do.	50 00
		Jones, T. S.	do.	108 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
		Small, J. C.	do.	50 00
		Welker, W. H.	do.	208 33
		Bake, L. E.	do.	66 66
		Bernard, F. S.	do.	80 00
		Coolidge, E. D.	do.	83 33
		Dittmar, Walter.	do.	83 33
		Dittmar, G. W.	do.	16 66
		Gallie, D. M.	do.	83 33
		Hixon, Arthur.	do.	60 00
		Lee, H. C.	do.	40 00
		McGuire, J. C.	do.	125 00
		Moorehead, F. B.	do.	83 33
		Moorehead, F. B.	do.	83 33
		Noyes, F. B.	do.	83 33
		Schultz, Louis.	do.	33 33
		Starr, S. P.	do.	66 66
		Colson, H. W.	do.	100 00
		Clark, A. H.	do.	150 00
		Day, W. B.	do.	208 33
		Eicher, B. L.	do.	100 00
		Fantus, Bernard.	do.	50 00
		Gathercoal, E. N.	do.	130 00
		Snow, C. M.	do.	150 00
		Langelier, W. F.	do.	125 00
		Hayes, J. B.	do.	90 00
		Jahr, M. E.	do.	140 00
		Barlow, Bronson.	do.	150 00
		Parcel, J. I.	do.	208 33
		Wilson, W. M.	do.	183 33
		Fargo, R. N.	do.	120 00
		Renich, Katherine L.	do.	60 00
		Young, L. E.	do.	150 00
		Fair, Sue M.	do.	80 00
		Nebel, M. L.	do.	50 00
2248	do.	Pay roll	Civil service employees	\$8,469 78
		Alexander, Lilla.	Salary, October, 1913.	65 00
		Alley, W. E.	do.	85 00
		Amos, Winifred.	do.	75 00
		Atkinson, C. E.	do.	141 66
		Blackwell, Mary.	do.	55 00
		Boice, L. A.	do.	125 00
		Broadhurst, Tabitha.	do.	75 00
		Brown, Ina M.	do.	60 00
		Bryan, Sarah E.	do.	70 00
		Buckler, Helen I.	do.	60 00
		Cass, Elizabeth H.	do.	65 00
		Crawford, C. C.	do.	65 00
		Cunningham, H. E.	do.	150 00
		Dalton, C. E.	do.	50 00
		Emigh, Edith.	do.	70 00
		Feind, Frances.	do.	80 00
		Fieg, Robert.	do.	50 00
		Fraser, Viola.	do.	65 00
		Garwood, Frances.	do.	50 00
		Goetz, Antoinette.	do.	70 00
		Good, Elizabeth.	do.	50 00
		Gordon, Marie.	do.	55 00
		Griffith, Mabel.	do.	70 00
		Hamilton, Mrs. Alice V.	do.	75 00
		Havens, Charles.	do.	120 00
		Hay, N.	do.	166 66
		Heater, Myrtle E.	do.	60 00
		Houchens, Josie B.	do.	83 33
		Hull, A. H.	do.	65 00
		Humrichouse, Katie L.	do.	50 00
		Johnson, Gertrude E.	do.	55 00
		Kelley, J. H.	do.	183 33
		Kirwin, Nora.	do.	50 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
2248	1913.			
Ctd.	Oct. 18	Knapp, Aurella.....	Salary, October, 1913.....	\$ 75 00
		Knorr, L. E.....	do.....	150 00
		Lamb, Allie B.....	do.....	55 00
		Leem, A. R.....	do.....	91 66
		Leitz, Louise A.....	do.....	40 00
		Love, Mary E.....	do.....	65 00
		McConn, C. M.....	do.....	250 00
		McGurty, Agnes.....	do.....	83 33
		Manspeaker, L. Mae.....	do.....	83 33
		Meneley, Maude E.....	do.....	60 00
		Meseck, R.....	do.....	65 00
		Miller, C. E.....	do.....	90 00
		Morey, Lloyd.....	do.....	125 00
		Morrow, J. A.....	do.....	166 66
		Murphy, Morris.....	do.....	110 00
		Nyberg, Florence A.....	do.....	50 00
		Oberdorfer, H. D.....	do.....	200 00
		Packard, Bessie.....	do.....	75 00
		Peel, Elizabeth C.....	do.....	75 00
		Peel, Thomas.....	do.....	44 00
		Post, Frederick.....	do.....	75 00
		Postlewait, Harriet L.....	do.....	55 00
		Powell, B. E.....	do.....	191 66
		Renz, Myrtle.....	do.....	75 00
		Ricketts, Clara.....	do.....	60 00
		Robertson, Nellie.....	do.....	70 00
		Rogers, Della M.....	do.....	40 00
		Scanlan, Mary.....	do.....	60 00
		Sharp, Bertha L.....	do.....	55 00
		Shaw, Hazel Y.....	do.....	65 00
		Shepard, Anna L.....	do.....	100 00
		Showers, T. J.....	do.....	125 00
		Slater, Sara M.....	do.....	60 00
		Smith, Florence E.....	do.....	75 00
		Smith, I. M.....	do.....	125 00
		Smith, Mayme L.....	do.....	65 00
		Staples, O. E.....	do.....	150 00
		States, Bertha G.....	do.....	50 00
		Stevens, Sabra.....	do.....	65 00
		Steltz, Alfred.....	do.....	85 00
		Thompson, M. E.....	do.....	90 00
		Towne, L. J.....	do.....	175 00
		Tuttle, G. P.....	do.....	100 00
		Tyrrell, Josephine.....	do.....	50 00
		Voight, Lida E.....	do.....	83 33
		Winchester, B. L.....	do.....	50 00
		Wyninger, H. T.....	do.....	60 00
		Beyer, Melinda L.....	do.....	75 00
		Allen, Josephine.....	do.....	55 00
		Arneson, Mabel.....	do.....	60 00
		Bolan, Anna R.....	do.....	60 00
		Browne, W. H.....	do.....	250 00
		Cole, H. W.....	do.....	60 00
		Coles, B. D.....	do.....	50 00
		David, Eshoo.....	do.....	45 00
		Froberg, Eric.....	do.....	60 00
		Loomis, Metta.....	do.....	75 00
		North, J. W.....	do.....	70 00
		Savage, John.....	do.....	40 00
		Southwell, James.....	do.....	115 00
		Tomlinson, J. S.....	do.....	100 00
		David, Paul.....	do.....	45 00
		Ellis, E. R.....	do.....	50 00
		Leonard, Russell.....	do.....	45 83
		Math, E. R.....	do.....	125 00
		Ressler, Milton.....	do.....	80 00
		Vanderbeek, H. J.....	do.....	65 00
		Wright, G. E.....	do.....	125 00
2249	do.....	The Peoples Gas Light & Coke Co.	Fuel and light.....	\$ 29 76
2250	do.....	Stebbins Hardware Co.	Laboratory apparatus.....	38 69
2251	do.....	J. F. Burns & Co.	Live frogs.....	7 20
2252	do.....	Parke, Davis & Co.	Laboratory supplies.....	12 74
2253	do.....	Globe-Wernicke Co.	Office equipment.....	65 57
2254	do.....	V. Mueller & Co.	Laboratory supplies.....	41 31
2255	do.....	Ella R. Michaels.....	do.....	20 00
2256	do.....	A. C. McClurg & Co.	Office supplies.....	1 30
2257	do.....	Bausch & Lomb Optical Co.	Laboratory apparatus.....	184 00
2258	do.....	Library Bureau.....	Furniture.....	180 00
2259	do.....	Marshall, Field & Co.	Supplies.....	1 40



OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
	1913.			
2260	Oct. 18	Western Fuel Co.	Fuel.	\$ 61 12
2261	..do.	Ernst Leitz	Laboratory apparatus.	11 98
2262	..do.	Chicago Eng. Supply Co.	Light	4 55
2263	Oct. 21	Leavitt Mfg. Co.	Repairing lockers.	6 68
2264	..do.	The Letter Shop	Mimeographing.	2 40
2265	..do.	C. A. Denman.	Painting.	58 45
2266	..do.	W. W. Walls & Co.	Lumber.	44 69
2267	..do.	G. W. Sheldon & Co.	Duty, freight, etc.	5 99
2268	..do.	Mississippi Valley Historical Assn.	Dues.	2 00
2269	..do.	The American City Bureau.	Books.	2 50
2270	..do.	D. H. Loyde.	Office supplies.	5 45
2271	..do.	M. E. Jahr.	Traveling expenses.	3 17
2272	..do.	Corbin Cabinet Look Co.	Keys.	8 08
2273	..do.	The Chester Horseshoeing Shop.	Horseshoeing.	11 00
2274	..do.	The Chas. A. Hall Hardware Co.	Steel square.	1 00
2275	..do.	The Breeders Gazette.	Copies.	7 50
2276	..do.	A. E. Wuesteman.	Clock.	1 50
2277	..do.	G. C. Willis.	Dry goods.	2 78
2278	..do.	National Biscuit Co.	Crackers.	1 54
2279	..do.	Urbana & Champaign Ry., Gas & Elec- tric Co.	Tickets, etc.	5 50
2280	..do.	Frank C. Pellett.	Prints.	1 40
2281	..do.	The Storrs & Harrison Co.	Nursery stock.	58 75
2282	..do.	H. Mueller Mfg. Co.	Tools.	14 63
2283	..do.	G. C. Amsbary Co.	Cloth.	24 00
2284	..do.	Peoria Stone & Marble Works.	Labor.	14 50
2285	..do.	T. M. Kehoe & Co.	Hay.	448 38
2286	..do.	Eastman Kodak Co.	Film.	8 00
2287	..do.	The Weis Mfg. Co.	Stand.	2 52
2288	..do.	The Bourne-Fuller Co.	Coupling.	14 53
2289	..do.	C. J. Welch.	Concrete walk.	441 60
2290	..do.	Meyer & Wenthe.	Stamps.	48
2291	..do.	Harvard College Library.	Catalog Cards.	11 71
2292	..do.	H. A. Hollister.	Traveling expense.	17 10
2293	..do.	Chicago Tribune.	Advertising.	10 50
2294	..do.	Central Union Telephone Co.	Exchange service.	138 00
2295	..do.	Montgomery Ward Co.	Erasers.	8 40
2296	..do.	S. E. Huff & Co.	Laboratory apparatus.	2 00
2297	..do.	J. M. Thornburn & Co.	Seeds.	3 90
2298	..do.	General Electric Co.	Fans.	22 00
2299	..do.	C. C. Short.	Hardware.	4 00
2300	..do.	Best & Co.	Supplies.	39 00
2301	..do.	The City of Urbana, C. B. Holmes.	License.	2 50
2302	..do.	W. Lewis & Co.	Bats.	2 25
2303	..do.	Illinois State Penitentiary.	Brooms.	3 50
2304	..do.	Ely Repair Co.	Iron.	3 50
2305	..do.	Hunter, Rourke & Co.	Coal.	25 50
2306	..do.	The Creamery Package Mfg. Co.	Thermometers.	7 06
2307	..do.	Twin City Roofing & Sheet Metal Works.	Repairing tank.	1 30
2308	..do.	Lord & Burnham Co.	Laboratory supplies.	8 07
2309	..do.	The Peters & Reed Pottery Co.	..do.	13 73
2310	..do.	The Letter Shop.	Reference cards.	1 50
2311	..do.	Pattengale Brothers.	Feeding stuff.	4 00
2312	..do.	Taylor Hardware Co.	Hardware.	2 33
2313	..do.	Ernst Hertzberg & Sons.	Binding.	2 33
2314	..do.	Julius Andrae & Sons Co.	Laboratory supplies.	2 66
2315	..do.	Edward C. Schmidt.	Traveling expenses.	8 40
2316	..do.	Federal Steel Fixture Co.	Laboratory supplies.	14 00
2317	..do.	Brown & Sharpe Mfg. Co.	Laboratory apparatus.	5 16
2318	..do.	The New Era Printing Co.	Reprints.	4 98
2319	..do.	The American Pharmaceutical Assn.	Advertising.	12 00
2320	..do.	Fuller & Fuller.	Laboratory supplies.	2 75
2321	..do.	E. W. A. Rowles.	Crayons.	2 80
2322	..do.	Woldenberg & Schaar.	Litmus paper.	10 50
2323	..do.	M. H. Fairchild & Brother.	Soft soap.	9 13
2324	..do.	Whitall-Tatum Co.	Laboratory supplies.	8 75
2325	..do.	M. A. Donohue & Co.	Paper.	17 00
2326	..do.	E. H. Sargent & Co.	Laboratory supplies.	37 20
2327	..do.	Consumers Co.	Hydrox.	7 80
2328	..do.	Central Electric Co.	Supplies.	53 93
2329	..do.	Charles H. Besly & Co.	Tools, supplies.	5 28
2330	..do.	Standard Oil Co.	Oil.	7 02
2331	..do.	Barnhart Brothers.	Hardware supplies.	7 05
2332	..do.	P. S. Campbell.	Printing, paper.	26 75
2333	..do.	L. C. Smith & Bros. Typewriter Co.	Rental.	7 50
2334	..do.	Illinois State Reformatory.	Printing.	39 85
2335	..do.	The Burr Co.	Repairs.	7 52
2336	..do.	Bryan-Marsh Electric Works.	Electric supplies.	159 75
2337	..do.	Bausch & Lomb Optical Co.	Laboratory supplies.	169 04

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
2338	Oct. 21	Bacon Brothers.....	Painting.....	\$ 40 45
2339	..do....	Benjamin & Wilson.....	Supplies.....	22 95
2340	..do....	J. C. Thomas Hardware.....	..do....	9 05
2341	..do....	E. T. Benjamin.....	Repairs.....	11 85
2342	..do....	Champaign Steam Laundry.....	Laundry service.....	22 36
2343	..do....	Williams Brothers.....	Paint, brushes.....	4 70
2344	..do....	Miller Harness Co.....	Supplies.....	15 25
2345	..do....	The Chester Transfer Co.....	Transfer.....	34 06
2346	..do....	Twin City Ice & Cold Storage Co.....	Ice books.....	8 00
2347	..do....	Knowlton & Bennett.....	Glass.....	6 70
2348	..do....	H. A. Ruehe.....	Traveling expenses.....	14 53
2349	..do....	Garfield Jones.....	..do....	13 18
2350	..do....	R. E. Hulce.....	..do....	5 80
2351	..do....	L. R. Lang.....	..do....	11 65
2352	..do....	W. W. Yapp.....	..do....	15 40
2353	..do....	F. A. Pearson.....	..do....	7 71
2354	..do....	R. E. Brand.....	..do....	28 10
2355	..do....	H. C. Lawson.....	..do....	13 17
2356	..do....	R. L. Polk & Co.....	Advertisement, etc.....	40 00
2357	..do....	Walter C. Jones.....	Instruction.....	66 67
O 2358	..do....	J. D. White, Postal Station Clerk.....	Postage.....	450 00
O 2359	..do....	C., C., C. & St. L. Ry. Co.....	Freight.....	192 33
O 2360	..do....	The C., C., C. & St. L. Ry. Co.....	..do....	13 61
O 2361	..do....	The Wabash R. R. Co.....	..do....	24 97
O 2362	Oct. 22	W. J. Carmichael.....	Traveling expense.....	8 97
O 2363	..do....	Vaughans Seed Store.....	Supplies.....	17 45
O 2364	..do....	Babcock & Wilcox.....	Machine repairs, labor.....	124 93
O 2365	..do....	Garman Mfg. Co.....	Crates.....	32 00
O 2366	..do....	Central Electric Co.....	Wire.....	12 38
O 2367	..do....	Keuffel & Esser.....	Paper.....	2 91
O 2368	..do....	Carson, Pirie, Scott & Co.....	Percolators, trays.....	16 66
O 2369	..do....	F. K. Robeson.....	Supplies.....	14 30
O 2370	..do....	Eisner Grocery Co.....	..do....	10 75
O 2371	..do....	Democrat Printing Co.....	Pamphlet boxes.....	100 00
O 2372	..do....	Tablet & Ticket Co.....	Paper letters.....	5 30
O 2373	..do....	Twin City Printing Co.....	Stationery.....	1 60
O 2374	..do....	The Wabash Cabinet Co.....	Cards.....	5 50
O 2375	..do....	Scott Paper Co.....	Drinking cups.....	1 50
O 2376	..do....	Axley Hay Co.....	Hay.....	188 89
O 2377	..do....	Humphreys-Godwin Co.....	Meal.....	578 00
O 2378	..do....	E. I. DuPont de Nemours Powder Co.....	General supplies.....	7 29
O 2379	..do....	C. W. Johnson.....	Laboratory apparatus.....	16 00
O 2380	..do....	D. H. Lloyd.....	Supplies.....	1 71
O 2381	..do....	Illinois State Reformatory.....	Printing.....	80 55
O 2382	..do....	E. H. Sargent & Co.....	Apparatus, etc.....	40 36
O 2383	..do....	Pay roll.....	Civil service employees.....	50 00
		Swearington, Daisy O.....	Salary, October, 1913.....	\$50 00
O 2384	..do....	Pay roll.....	Civil service employees.....	7,307 92
		Argo, Roy.....	Wages, October, 1913.....	55 00
		Barto, Lucy M.....	..do....	20 00
		Buckles, Mildred E.....	..do....	65 00
		Chaplin, Ralph.....	..do....	60 00
		Conley, M. J.....	..do....	75 00
		Cook, Jesse.....	..do....	55 00
		Cover, Hazel.....	..do....	60 00
		Crawford, T. P.....	..do....	50 00
		Custer, Emma L.....	..do....	70 00
		Foor, H.....	..do....	55 00
		Gage, Marjorie H.....	..do....	65 00
		Goodspeed, W. S.....	..do....	83 33
		Gubbins, Maud.....	..do....	60 00
		Halliday, Mable.....	..do....	60 00
		Harolle, Claude.....	..do....	40 00
		Healan, Louise B.....	..do....	50 00
		Hough, William.....	..do....	83 33
		Jenkins, Elmer.....	..do....	60 00
		Kelley, J. R.....	..do....	57 50
		McIntire, W. A.....	..do....	50 00
		Meenach, Earl.....	..do....	65 00
		Meenach, O. E.....	..do....	10 00
		Merchant, Dona.....	..do....	50 00
		Millar, Mary.....	..do....	65 00
		Moore, P. O.....	..do....	47 50
		Moore, J. E.....	..do....	15 00
		Patterson, Will.....	..do....	50 00
		Pergande, R.....	..do....	95 00
		Poll, Lillian.....	..do....	50 00
		Pritchard, H.....	..do....	65 00
		Pritchard, R.....	..do....	60 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 2384 Ctd.	1913. Oct. 22	Pulling, Elizabeth..... <sup>2</sup>	Wages, October, 1913...	\$ 60 00
		Rhoads, Hazel.....	do.....	60 00
		Ritter, Sarah M.....	do.....	75 00
		Rose, M. D.....	do.....	52 50
		Sharp, Ethel.....	do.....	40 00
		Sprinkle, D. C.....	do.....	50 00
		Stoneburner, A. J.....	do.....	50 00
		Stricklan, Freda.....	do.....	65 00
		Wheeler, H. H.....	do.....	70 00
		White, Loretto.....	do.....	65 00
		Wilson, R. W.....	do.....	65 00
		Badel, Nathan.....	do.....	50 00
		Bowen, Evalena.....	do.....	65 00
		Brown, C. F.....	do.....	45 00
		Brown, E. J.....	do.....	45 00
		Broyles, W. H.....	do.....	45 00
		Burt, Ruth C.....	do.....	50 00
		Coffey, J. H.....	do.....	50 00
		Conrad, Emma.....	do.....	35 00
		Cummings, J. S.....	do.....	43 27
		Curry, Florence J.....	do.....	30 00
		Dale, Fred.....	do.....	50 00
		Daniel, John.....	do.....	50 00
		David, Simon.....	do.....	50 00
		Engle, Lawrence.....	do.....	25 00
		Feldkamp, Amelia.....	do.....	40 00
		Gallagher, Marion B.....	do.....	40 00
		Gelda, Isak.....	do.....	50 00
		George, Elia.....	do.....	50 00
		Grabbe, Florence.....	do.....	50 00
		Ham, Raymond.....	do.....	47 00
		Hamm, Charles.....	do.....	47 50
		Hamlin, Clyde.....	do.....	58 33
		Heath, Wm.....	do.....	50 00
		Herbert, J. J.....	do.....	85 00
		Jensen, George.....	do.....	47 50
		Klena, Joseph.....	do.....	70 00
		Lankford, R. A.....	do.....	45 00
		McQueen, H. D.....	do.....	47 50
		Mink, George.....	do.....	47 50
		Mink, J. D.....	do.....	50 00
		Miller, W. W.....	do.....	75 00
		Moore, H. E.....	do.....	50 00
		Needham, Lucile.....	do.....	60 00
		Nesbit, Lawrence.....	do.....	50 00
		Proesel, Wm.....	do.....	50 00
		Redman, Louise E.....	do.....	60 00
		Reid, Olive G.....	do.....	50 00
		Reynolds, Mrs. Elizabeth.....	do.....	45 00
		Riggs, Bess.....	do.....	30 00
		Sayer, Clint.....	do.....	35 00
		Shipman, Cash.....	do.....	45 00
		Shue, Mrs. Lizzie B.....	do.....	40 00
		Smith, H. S.....	do.....	80 00
		Stives, M. F.....	do.....	45 00
		Tomek, Gertrude.....	do.....	60 00
		Vauble, Daniel.....	do.....	60 00
		Andrews, J. B.....	Wages, September, 1913	50 00
		Badges, C. J.....	do.....	40 00
		Beaumont, G. S.....	do.....	45 00
		Bennett, W. L.....	do.....	70 00
		Burdick, I. F.....	do.....	75 00
		Burwash, A. E.....	do.....	55 00
		Campbell, C. A.....	do.....	65 00
		Cate, H. A.....	do.....	70 00
		Chapman, C. C.....	do.....	100 00
		Crouch, H. E.....	do.....	115 00
		DeWerff, J. H.....	do.....	55 00
		Dunlap, B. H.....	do.....	60 00
		Engle, W. J.....	do.....	70 00
		Fullenwider, T.....	do.....	55 00
		Gardner, Luther.....	do.....	55 00
		Garver, Earl.....	do.....	58 50
		Grantham, G. M.....	do.....	50 00
		Harry, W. L.....	do.....	83 33
		Hunter, L. A.....	do.....	75 00
		Jensen, C. C.....	do.....	50 00
		Jones, Garfield.....	do.....	65 00
		Lankford, John.....	do.....	60 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 2384 <i>Cld.</i>	1913.			
	Oct. 22	Lawson, H. C.	Wages, September, 1913	\$55 00
		Palfrey, J. R.	do.	75 00
		Pine, Fred.	do.	75 00
		Reed, Alice.	do.	55 00
		Rigg, C. L.	do.	40 00
		Romine, J. F.	do.	40 00
		Schulze, George.	do.	35 00
		Schur, Raymond.	do.	40 00
		Sims, Flora M.	do.	83 33
		Smith, J. F.	do.	70 00
		Stark, R. W.	do.	75 00
		Torgerson, E. F.	do.	50 00
		Tornquist, Andrew.	do.	75 00
		Walters, Philip.	do.	75 00
		Anderson, J. C.	do.	70 00
		Clarke, Ethel.	do.	35 00
		Diekman, T. W.	do.	65 00
		Engle, Ralph.	do.	30 00
		Glover, R. C.	do.	50 00
		Hakansson, Eric.	do.	30 00
		Hiskey, George M.	do.	45 00
		Stoutzenberg, Florence.	do.	25 00
O 2385	Oct. 23	Meeker-Magner Co.	Renewal premium.	\$240 00
O 2386	do.	Chicago Fire Proof Storage Warehouse.	Storage.	4 50
O 2387	do.	J. B. Andrews.	Traveling expense.	17 04
O 2388	do.	Warran A. Ruth.	do.	98 80
O 2389	do.	Warran A. Ruth.	Field expense.	56 00
O 2390	do.	O. S. Watkins.	do.	22 25
O 2391	do.	H. F. Moore.	Traveling expenses.	21 44
O 2392	do.	M. Abe.	do.	7 84
O 2393	do.	D. A. Abrams.	do.	23 39
O 2394	do.	N. E. Ensign.	do.	21 79
O 2395	do.	G. A. Maney.	do.	23 59
O 2396	do.	H. R. Thomas.	do.	51 59
O 2397	do.	W. A. Slater.	do.	60 94
O 2398	do.	H. F. Gonnerman.	do.	30 29
O 2399	do.	A. N. Talbot.	do.	25 75
O 2400	do.	Paul Hansen.	do.	36 59
O 2401	do.	Central Electric Co.	Laboratory apparatus.	41 76
O 2402	do.	E. H. Sargent & Co.	do.	4 60
O 2403	do.	Cunningham Bros.	Supplies.	5 30
O 2404	do.	Chas. H. Besly & Co.	Laboratory apparatus.	8 75
O 2405	do.	Twin City Printing Co.	Stamps, printing.	19 40
O 2406	do.	John H. Doyle.	Supplies.	11 60
O 2407	do.	D. H. Lloyd.	do.	14 23
O 2408	do.	Keystone Type Foundry.	Laboratory apparatus.	59 93
O 2409	do.	Urbana & Champaign Ry., Gas & Elec- tric Co.	Laboratory supply of gas.	24 20
O 2410	do.	Martin Metz.	Painting.	16 50
O 2411	do.	American Steel & Wire Co.	Fencing.	144 74
O 2412	do.	The Board of Agriculture & Fisheries.	Bulletins.	3 35
O 2413	do.	D. H. Lloyd.	Supplies.	17 90
O 2414	do.	L. C. Smith & Bros. Typewriter Co.	Rentals.	6 00
O 2415	do.	Central Scientific Co.	Laboratory apparatus.	92 52
O 2416	do.	Champaign Steam Laundry.	Laundry work.	1 05
O 2417	do.	Dayton Tree Label Co.	Labels, stakes.	34 00
O 2418	do.	Walker & Mulliken.	Roller.	6 25
O 2419	do.	Flora Auto Co.	Repairs, etc.	1 50
O 2420	do.	Wilson Bros.	Livery hire.	12 50
O 2421	do.	Jolly, Wieland & Richardson Co.	Hardware, etc.	96 16
O 2422	do.	E. P. Little.	Hay.	35 52
O 2423	do.	Star Brass Mfg. Co.	Apparatus.	1 02
O 2424	do.	F. K. Robeson.	Felt.	1 80
O 2425	Oct. 24	Twin City Roofing & Sheet Metal Works	Laboratory apparatus.	25 20
O 2426	do.	Fairbanks, Morse & Co.	Truck.	4 20
O 2427	do.	Leavitt Mfg. Co.	Apparatus repairs.	5 50
O 2428	do.	Joseph T. Ryerson & Son.	Beams.	22 11
O 2429	do.	General Electric Co.	Repairs.	35 26
O 2430	do.	Wilson-Maeulen Co.	Tubes.	2 60
O 2431	do.	Roy Charles.	Tiling expense.	73 50
O 2432	do.	Samuel Campbell.	do.	120 52
O 2433	do.	S. V. Holt.	Traveling expenses.	53 80
O 2434	do.	J. E. Whitchurch.	Field expenses.	30 24
O 2435	do.	Chas. A. Campbell.	Traveling expenses.	40 98
O 2436	do.	Harrison Fahrnkopf.	do.	13 41
O 2437	do.	C. C. Logan.	do.	18 34
O 2438	do.	R. W. Dickenson.	do.	35 49
O 2439	do.	H. C. Wheeler.	do.	44 77
O 2440	do.	F. W. Wascher.	do.	51 22

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.]
1913.				
O 2441	Oct. 24	H. J. Snider.....	Field expenses.....	\$ 12 09
O 2442	..do..	E. E. Hoskins.....	..do..	18 12
O 2443	..do..	H. C. Gilkerson.....	Traveling expenses.....	14 82
O 2444	..do..	A. Floyd Heck.....	..do..	9 73
O 2445	..do..	J. R. Midyett.....	Field expenses.....	69 55
O 2446	..do..	O. M. Allyn.....	..do..	14 88
O 2447	..do..	H. W. Mumford.....	Traveling expenses.....	8 49
O 2448	..do..	B. E. Powell.....	..do..	6 24
O 2449	..do..	A. J. Gunderson.....	..do..	24 05
O 2450	..do..	O. S. Watkins.....	..do..	15 31
O 2451	..do..	Electric Coal Co.....	Coal.....	1, 097 09
O 2452	..do..	A. L. A. Publishing Board.....	Index, etc.....	6 08
O 2453	..do..	Fuller & Fuller Co.....	Gelatine.....	2 90
O 2454	..do..	R. C. Wagner & Son.....	Hauling.....	9 00
O 2455	..do..	Spencer Lens Co.....	Microscope, glasses.....	20 21
O 2456	..do..	The Tablet & Ticket Co.....	Cardboard.....	1 50
O 2457	..do..	E. G. Soltman.....	Contracts.....	2 70
O 2458	..do..	Hektograph Mfg. & Dup. Co.....	Duplicator.....	6 38
O 2459	..do..	Reasoner Brothers.....	Nursery stock.....	19 94
O 2460	..do..	Burke & James.....	Ingenito retouching hood.....	75
O 2461	..do..	The Illinois Agriculturist.....	Magazines, payment.....	35 00
O 2462	..do..	Flanigan-Pearson Co.....	Printing.....	4 50
O 2463	..do..	Harvard Apparatus Co.....	Laboratory apparatus.....	89 70
O 2464	..do..	A. E. Wuestman.....	Spectacles.....	2 50
O 2465	..do..	F. K. Robeson.....	Toweling.....	172 50
O 2466	..do..	E. H. Sargent & Co.....	Clays.....	51 50
O 2467	..do..	The American Multigraph Sales Co.....	Repairs.....	6 59
O 2468	..do..	Illinois State Reformatory.....	Printing.....	63 66
O 2469	..do..	D. H. Lloyd.....	Supplies.....	2 45
O 2470	..do..	P. S. Campbell.....	Printing.....	10 00
O 2471	..do..	John H. Doyle.....	Hardware supplies.....	3 44
O 2472	..do..	J. F. Burns & Co.....	Frogs.....	6 30
O 2473	..do..	Dunlap, Fannie.....	Salary, September, 1913.....	60 00
O 2474	..do..	O. E. Staples, Bursar.....	For student labor.....	509 63
O 2475	..do..	O. E. Staples, Bursar.....	Sundry bills paid.....	111 69
O 2476	..do..	O. E. Staples, Bursar.....	For general labor.....	458 28
O 2477	..do..	O. E. Staples, Bursar.....	Express bills paid.....	93 27
O 2478	..do..	C. M. Thompson.....	Salary.....	180 00
O 2479	..do..	Flanigan-Pearson Co.....	Binding.....	3 00
O 2480	..do..	Irving-Pitt Mfg. Co.....	Binders.....	15 13
O 2481	..do..	Gaylord Bros.....	Gummed numbers.....	5 25
O 2482	..do..	Arcus Ticket Co.....	Tickets.....	17 64
O 2483	..do..	National Steam Specialty Co.....	Air valves.....	28 96
O 2484	..do..	Standard Oil Co.....	Oil.....	16 58
O 2485	..do..	James B. Clow & Sons.....	Straps, tin.....	10 50
O 2486	..do..	Schaeffer & Dolan.....	Bonds.....	60 00
O 2487	..do..	Ernst Hertzberg & Sons.....	Book.....	76
O 2488	..do..	Champaign Gas & Electric Supply Co.....	Lamps.....	6 40
O 2489	..do..	George W. C. Meyer.....	Laboratory supplies.....	13 76
O 2490	..do..	Flanigan-Pearson Co.....	Printing.....	12 75
O 2491	..do..	John H. Doyle.....	Hinges and screws.....	1 05
O 2492	..do..	Chas. Grein.....	Straw.....	20 64
O 2493	..do..	Knowlton & Bennett.....	Oil.....	1 25
O 2494	..do..	R. C. Wagner & Son.....	Coal.....	10 22
O 2495	..do..	Twin City Ice & Cold Storage Co.....	Ice book.....	25 00
O 2496	..do..	Stone & Forsyth.....	Laboratory supplies.....	31 25
O 2497	..do..	T. J. Colvin.....	Meat.....	63
O 2498	..do..	A. S. Nelson & Sons.....	Oil.....	65
O 2499	..do..	Martin Metz.....	Repairing, etc.....	1 00
O 2500	..do..	C. C. Short.....	Repairing.....	50
O 2501	..do..	E. H. Sargent & Co.....	Thermometers.....	8 08
O 2502	..do..	G. C. Willis.....	Dry goods.....	35 94
O 2503	..do..	The Chas. A. Hall Hardware Co.....	Jar rubbers.....	90
O 2504	..do..	D. H. Lloyd.....	Repairing.....	4 25
P 2505	..do..	Barnhart Brothers.....	Pulls.....	1 65
O 2506	..do..	The Carborundum Co.....	Laboratory supplies.....	1 00
O 2507	..do..	The University Press.....	Programs.....	2 50
O 2508	..do..	F. K. Robeson.....	Toweling.....	7 03
O 2509	..do..	Cunningham Bros.....	Supplies.....	4 15
O 2510	..do..	Bacon Brothers.....	..do..	4 61
O 2511	..do..	Reliable Plumbing & Heating Co.....	Plumbing materials.....	13 15
O 2512	..do..	Alexander Lumber Co.....	Lumber.....	3 62
O 2513	..do..	Percival & Moorehead.....	Supplies.....	13 83
O 2514	..do..	A. H. Barber Creamery Supply Co.....	Laboratory apparatus.....	20 00
O 2515	..do..	General Electric Co.....	Fans.....	30 16
O 2516	..do..	Central Electric Co.....	Steel boxes, conduit.....	18 64
O 2517	..do..	The Taylor Hardware Co.....	Hardware supplies.....	8 25
O 2518	..do..	Twin City Printing Co.....	Stamps.....	4 20
O 2519	..do..	Illinois State Reformatory.....	Envelopes, printing.....	43 10

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
O 2520	Oct. 24	The Burr Co.	Foundry work, etc.	\$ 39 11
O 2521	do	Illinois State Reformatory.	Printing.	79 23
O 2522	do	A. C. McClurg & Co.	Supplies.	9 65
O 2523	do	Morrison, Plummer & Co.	do.	82 43
O 2524	do	The S. S. White Dental Mfg. Co.	do.	650 90
O 2525	do	John Bohr, D.D.S.	Laboratory supplies.	10 00
O 2526	do	Jacob & Holmes, Catalogs.	Catalogs.	530 00
O 2527	do	Goodhart's Laundry	Laundry.	23 86
O 2528	do	Baker Paper Co.	Supplies.	47 50
O 2529	do	Boland Machinery Co.	Foundry work.	12 12
O 2530	do	Kasen's Express & Van Co.	Transfer.	7 75
O 2531	do	Corbin Cabinet Lock Co.	Padlocks.	33 34
O 2532	do	Marshall Field & Co.	Towels.	13 23
O 2533	do	Siegel, Cooper & Co.	Rabbits.	2 00
O 2534	do	Consumer Co.	Ice book.	14 00
O 2535	do	Western Lumber Co.	Lumber.	4 64
O 2536	do	The Liquid Carbonic Co.	Gas.	1 50
O 2537	do	Antiseptic Liquid Soap Co.	Liquid soap.	28 80
O 2538	do	Fuller & Fuller Co.	Supplies.	35 06
O 2539	do	Ahrens & Schriener.	Supplies.	1 45
O 2540	do	V. Mueller & Co.	Laboratory apparatus.	134 70
O 2541	do	Physicians' Supply & Drug Co.	Laboratory supplies.	12 82
O 2542	do	Cameron, Amberg & Co.	Supplies.	37 83
O 2543	do	E. H. Sargent & Co.	Laboratory supplies.	61 80
O 2544	do	The Coast Products.	Supplies.	384 50
O 2545	do	Irving-Pitt Mfg. Co.	Indexes.	1 04
O 2546	do	H. P. Rusk.	Traveling expense.	47 37
O 2547	do	O. E. Staples, Bursar.	Student labor.	259 99
O 2548	do	Hoskins Mfg. Co.	Triangles.	8 10
O 2549	do	United States Blue Print Paper Co.	Slide rule.	3 24
O 2550	do	Whitehead Brothers Co.	Vibrator.	7 20
O 2551	do	P. S. Campbell.	Printing.	132 29
O 2552	do	The Garlock Packing Co.	Packing.	15 06
O 2553	do	Woldenberg & Schaar.	Laboratory apparatus, etc.	955 93
O 2554	do	Wadsworth-Holland Co.	Metal polish.	9 00
O 2555	do	Mittendorf & Kiler.	Transfer cases.	8 64
O 2556	do	The University Press.	Printing.	9 80
O 2557	Oct. 27	Flanigan-Pearson Co.	do.	84 00
O 2558	do	C. A. Denman.	Painting.	14 00
O 2559	do	Green Engineering Co.	Drive links.	34 34
O 2560	do	O. E. Staples, Bursar.	General labor.	133 42
O 2561	do	Whiting Paper Co.	Paper.	58 80
O 2562	do	Western Carbon & Ribbon Co.	Carbon paper.	2 35
O 2563	do	Standard Cap & Seal Co.	Laboratory supplies.	42 50
O 2564	do	Colonial Steel Co.	do.	98
O 2565	do	H. W. Johns-Manville Co.	Laboratory apparatus.	23 80
O 2566	do	S. C. Wilson & Co.	Feeding stuffs.	12 90
O 2567	do	L. E. Foglesong.	Traveling expenses.	250 13
O 2568	do	C. E. Durst.	do.	30 30
O 2569	do	R. T. Welsh.	do.	5 05
O 2570	do	A. Ten Broeck.	do.	5 10
O 2571	do	F. A. Pearson.	do.	4 69
O 2572	do	John R. Palfrey.	do.	7 70
O 2573	do	Earl Garver.	do.	8 16
O 2574	do	Rockwell-Barnes Co.	Office supplies.	95
O 2575	do	G. W. Sheldon & Co.	Freight and charges.	8 46
O 2576	do	Kalamazoo Loose Leaf Binder Co.	Office supplies.	13 63
O 2577	do	Electric Coal Co.	Coal.	72 00
O 2578	do	Ely Carriage Shop.	Repairing.	75
O 2579	do	W. B. Whittier & Co.	Nursery stock.	14 55
O 2580	do	Rogers & Hall Co.	Printing.	329 90
O 2581	do	Hoskins Mfg. Co.	Laboratory apparatus.	5 30
O 2582	do	The Letter Shop.	Multigraphing.	1 80
O 2583	do	Mining & Scientific Press.	Book.	3 75
O 2584	do	Chester White Record Assn.	Recording.	6 00
O 2585	do	The Fisher Governor Co.	Machine repairs.	31 30
O 2586	do	Peter Henderson & Co.	Supplies.	7 50
O 2587	do	Westinghouse Electric & Mfg. Co.	Repairs.	23 20
O 2588	do	J. C. White.	Plastering.	11 00
O 2589	do	Henry A. Dreer.	Seeds.	159 00
O 2590	do	Kafer Brothers.	Plow.	37 00
O 2591	do	Chas. Mollet.	Laboratory apparatus.	11 40
O 2592	do	C. C. Short.	Shoes.	1 00
O 2593	do	Henry F. Michell Co.	Couplers.	12 15
O 2594	do	U. S. Blue Print Paper Co.	Tracing paper.	10 77
O 2595	do	A. B. Dick Co.	Stencil paper.	27 44
O 2596	do	Neostyle Co.	Ink.	19 85
O 2597	do	The Enterprise Mfg. Co.	Laboratory apparatus.	18 50
O 2598	do	G. C. Willis.	Blanket.	4 97

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
O 2599	Oct. 27	The Champaign Daily Gazette.....	Advertising.....	\$ 4 20
O 2600	..do....	City of Champaign, City Clerk.....	License.....	2 00
O 2601	..do....	W. C. Kruse.....	Stove.....	8 50
O 2602	..do....	Stone Brothers.....	Supplies.....	15 57
O 2603	..do....	H. A. Hollister.....	Traveling expense.....	20 03
O 2604	Oct. 28	The C., C., C. & St. L. Ry. Co.....	Freight.....	111 01
O 2605	..do....	The Wabash R. R. Co.....	..do.....	141 56
O 2606	..do....	Illinois Central R. R. Co.....	..do.....	112 57
O 2607	..do....	Eugene Dietzgen Co.....	Paper.....	21 90
O 2608	..do....	A. B. Dick Co.....	Supplies.....	70 40
O 2609	..do....	Chas. H. Besly & Co.....	Laboratory supplies.....	7 57
O 2610	..do....	Twin City Roofing & Sheet Metal Works	Pipe, nails.....	43 90
O 2611	..do....	The University Press.....	Ink.....	6 00
O 2612	..do....	Alexander Lumber Co.....	Coal.....	6 86
O 2613	..do....	Leavitt Mfg. Co.....	Foundry work.....	40 18
O 2614	..do....	Bryan-Marsh Electric Works.....	Lamps.....	99 40
O 2615	..do....	General Electric Co.....	Supplies.....	92
O 2616	..do....	S. E. Huff & Co.....	Plaster.....	15 00
O 2617	..do....	E. D. Brockway.....	Gas pipe, labor.....	47 10
O 2618	..do....	Geo. Harding.....	Books.....	46
O 2619	..do....	Societe Mathematique de France.....	Book.....	3 00
O 2620	..do....	The Garlock Packing Co.....	Packings.....	87 16
O 2621	..do....	Bausch & Lomb Optical Co.....	Laboratory supplies.....	1,809 36
O 2622	..do....	Illinois State Reformatory.....	Printing.....	45 80
O 2623	..do....	James B. Clow & Sons.....	Materials.....	14 23
O 2624	..do....	The Chas. A. Hall Hardware Co.....	Hardware.....	5 58
O 2625	..do....	F. K. Robeson.....	Muslin, etc.....	20 98
O 2626	..do....	Western Electric Co.....	Supplies.....	302 91
O 2627	..do....	The Burr Co.....	Labor, material.....	25 53
O 2628	..do....	Central Electric Co.....	Electrical supplies.....	309 94
O 2629	..do....	Reliable Plumbing & Heating Co.....	Plumbing materials.....	106 10
O 2630	..do....	John H. Doyle.....	Hardware supplies.....	2 80
O 2631	..do....	Hibbard, Spencer, Bartlett & Co.....	Supplies.....	16 79
O 2632	..do....	The Weis Mfg. Co.....	Office supplies.....	60 28
O 2633	..do....	E. H. Sargent & Co.....	Laboratory supplies.....	38 95
O 2634	..do....	Bacon Brothers.....	Supplies.....	9 05
O 2635	..do....	The Taylor Hardware Co.....	Nails, etc.....	2 55
O 2636	..do....	The J. W. Butler Paper Co.....	Paper.....	101 82
O 2637	..do....	D. H. Lloyd.....	Supplies.....	2 85
O 2638	..do....	Percival & Moorehead.....	Hardware supplies.....	2 30
O 2639	..do....	Urbana & Champaign Ry., Gas & Elec- tric Co.....	Gas, electric current.....	346 87
O 2640	..do....	Jno. B. Bennett.....	Labor, material.....	370 00
O 2641	..do....	Williams Brothers.....	Glass.....	14 00
O 2642	..do....	Eisner Grocery Co.....	Grocery supplies.....	69 00
O 2643	..do....	Standard Oil Co.....	Oil.....	26 95
O 2644	..do....	National Engraving Co.....	Zinc etchings.....	244 47
O 2645	..do....	Frank Price.....	Painting.....	235 90
O 2646	..do....	Tower Mfg. & Novelty Co.....	Office supplies.....	162 56
O 2647	..do....	Caldwell Electric Co.....	Dry cells, batteries.....	3 40
O 2648	..do....	Flat Iron Store Co.....	Linoleum.....	18 90
O 2649	..do....	Pay roll.....		580 35
		Kamm, Oliver.....	Salary, September, Oc- tober, 1913.....	\$120 00
		Thompson, C. M.....	Salary, October, 1913.....	180 00
		Dixon, R. E.....	..do.....	57 03
		Aust, F. A.....	..do.....	83 33
		Harper, Julia.....	..do.....	65 00
		Rees, C. C.....	..do.....	41 66
		Allen, Louis.....	..do.....	33 33
O 2650	..do....	Pay roll.....	Civil service employees.....	128 87
		McGehee, Hester E.....	Salary, October, 1913.....	40 00
		Cunningham, H. E.....	Balance of Salary for October, 1913.....	16 66
		Oberdorfer, H. D.....	..do.....	8 33
		Putnam, Persis.....	Salary, October, 1913.....	63 88
O 2651	..do....	McKay & Poague, Agents.....	Rent.....	500 00
O 2652	Oct. 30	John Reichard.....	Corn, hay.....	1,201 20
O 2653	..do....	Geo. E. Amsbary Co.....	Wheat, brand.....	1,040 00
O 2654	..do....	Walter Dodson.....	Silage.....	160 00
O 2655	..do....	M. Waterson.....	Oats.....	101 00
O 2656	..do....	Elliott Brothers.....	Calves.....	1,265 60
O 2657	Nov. 1	C. E. Durst.....	Traveling expenses.....	13 94
O 2658	..do....	L. E. Foglesong.....	..do.....	11 78
O 2659	..do....	Wm. Miller.....	..do.....	11 40
O 2660	..do....	V. A. Place.....	..do.....	4 75
O 2661	..do....	L. E. Foglesong.....	..do.....	10 78
O 2662	..do....	F. A. Pearson.....	..do.....	16 54
O 2663	..do....	R. W. Dickenson.....	..do.....	48 96
O 2664	..do....	H. C. Wheeler.....	..do.....	43 79

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
O 2665	Nov. 1	Warren A. Ruth.....	Traveling expenses.....	\$ 6 47
O 2666	..do....	Warren A. Ruth.....	Field expenses.....	9 89
O 2667	..do....	Ralph Chaplin.....	Traveling expenses.....	4 20
O 2668	..do....	Wm. Black.....	..do.....	19 86
O 2669	..do....	F. W. Wascher.....	..do.....	44 60
O 2670	..do....	S. O. Andros.....	..do.....	1 90
O 2671	..do....	Western Electric Co.....	Electrical materials.....	783 83
O 2672	..do....	The Weis Mfg. Co.....	Office supplies.....	6 72
O 2673	..do....	Western Electric Co.....	Electrical supplies.....	1 24
O 2674	..do....	Reliable Plumbing & Heating Co.....	Plumbing materials.....	4 53
O 2675	..do....	Urbana & C. Ry., Gas & Electric Co.....	Gas consumed.....	13 60
O 2676	..do....	National Mosaic Tile Co.....	Building materials.....	298 87
O 2677	..do....	Jas. H. Rice & Co.....	Glass.....	11 65
O 2678	..do....	The Frederick Post Co.....	Supplies.....	15 30
O 2679	..do....	H. W. Johns-Manville Co.....	Building materials.....	17 92
O 2680	..do....	Missouri Belting Co.....	Belting.....	22 59
O 2681	..do....	Chapin & Co.....	Ajax flakes.....	70 00
O 2682	..do....	Ely Repair Co.....	Repairs.....	1 75
O 2683	..do....	Journal of Physical Chemistry.....	Paper.....	7 50
O 2684	..do....	J. M. Thorburn & Co.....	Laboratory supplies.....	2 25
O 2685	..do....	The Veeder Mfg. Co.....	Counters.....	1 95
O 2686	..do....	The Elliott Co.....	Supplies.....	4 50
O 2687	..do....	Arts & Decoration.....	Subscription.....	2 00
O 2688	..do....	The New York Times.....	Index.....	8 00
O 2689	..do....	Stipes & Hecker.....	Cement, etc.....	9 09
O 2690	..do....	The Sneed & Co. Iron Works.....	Labor.....	52 00
O 2691	..do....	The Shaw-Walker Co.....	Office supplies.....	2 00
O 2692	..do....	A. Flanagan Co.....	Records.....	2 88
O 2693	..do....	General Electric Co.....	Office equipment.....	11 78
O 2694	..do....	Crane Co.....	Plumbing.....	49 35
O 2695	..do....	Hess Warming & Ventilating Co.....	Torsion balance.....	17 50
O 2696	..do....	Driver-Harris Wire Co.....	Labor supplies.....	8 69
O 2697	..do....	Flanigan-Pearson Co.....	Printing.....	14 50
O 2698	..do....	Bryan-Marsh Electric Works.....	Lamps.....	112 30
O 2699	..do....	T. Warren Sharp.....	Fowls.....	15 00
O 2700	..do....	The Holstein-Friesian Register Co.....	Magazine.....	1 00
O 2701	..do....	Treman, King & Co.....	Brooder.....	10 90
O 2702	..do....	L. L. Longdon.....	Books.....	3 00
O 2703	..do....	The Mining World.....	..do.....	1 50
O 2704	..do....	Wm. Lewis & Son.....	Laboratory apparatus.....	23 36
O 2705	..do....	The Spur.....	Subscription.....	3 00
O 2706	..do....	The Chas. A. Hall Hardware Co.....	Supplies.....	21 83
O 2707	..do....	Illinois State Reformatory.....	Printing.....	98 85
O 2708	..do....	Eisner Grocery Co.....	Supplies.....	21 82
O 2709	..do....	Bacon Brothers.....	Glass.....	4 45
O 2710	..do....	The Burr Co.....	Supplies, foundry work.....	20 78
O 2711	..do....	The Taylor Hardware Co.....	Hardware.....	11 90
O 2712	..do....	U. of I. Supply Store.....	Supplies.....	34 20
O 2713	..do....	D. H. Lloyd.....	..do.....	34 69
O 2714	..do....	J. W. Butler Paper Co.....	Paper.....	74 80
O 2715	..do....	W. W. Walls & Co.....	Lumber, etc.....	8 72
O 2716	..do....	Central Electric Co.....	Electrical apparatus.....	85 27
O 2717	..do....	Ernst Hertzberg & Sons.....	Binding.....	111 22
O 2718	..do....	M. A. Donohue & Co.....	Class records.....	43 50
O 2719	..do....	Library Bureau.....	Cards, stamp.....	3 17
O 2720	..do....	The Creamery Package Mfg. Co.....	Supplies.....	51 56
O 2721	..do....	Keuffel & Esser Co.....	Laboratory apparatus.....	6 23
O 2722	..do....	Enterprise Iron Works.....	Fencing, etc.....	289 73
O 2723	..do....	A. H. Barber Creamery Supply Co.....	Wrappers, parchment.....	8 00
O 2724	Nov. 5	Pay roll.....	Civil service employees.....	166 66
		Moorehead, F. B.....	Salary for July and August.....	166 66
O 2725	..do....	Pay roll.....	Civil service employees.....	721 66
		Davis, David J.....	Salary, October, 1913.....	416 66
		Bartlett, Frank K.....	..do.....	180 00
		Gaffney, George.....	..do.....	65 00
		Nielson, Niels.....	..do.....	60 00
O 2726	..do....	Pay roll.....	Civil service employees.....	12, 421 88
		Arrington, C. E.....	Wages, October, 1913.....	65 10
		Atwell, M. W.....	..do.....	59 01
		Bailey, J. E.....	..do.....	63 21
		Barnes, V. R.....	..do.....	97 20
		Bevis, A.....	..do.....	133 65
		Brannigan, John.....	..do.....	83 65
		Brown, Basil.....	..do.....	75 60
		Brown, Harry.....	..do.....	56 70
		Bullock, D. M.....	..do.....	71 53
		Butler, Thomas.....	..do.....	64 86
		Ceduskey, John.....	..do.....	81 84



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

F No.	Date.	To whom.	For what.	Amount.
O 2726 Ctd.	1913. Nov. 5	Cook, Jesse.....	Wages, October, 1913...	\$ 19 25
		Crathorne, F.....	do.....	78 32
		Cunningham, F.....	do.....	114 32
		Davis, Jos.....	do.....	71 61
		Dibble, E. P.....	do.....	86 25
		Downing, H.....	do.....	63 22
		Fay, T. J.....	do.....	96 10
		Fender, Louie.....	do.....	73 48
		Fender, Fred.....	do.....	82 80
		Fiscus, J. J.....	do.....	69 92
		Fogarty, W.....	do.....	56 00
		Fogarty, F.....	do.....	56 70
		Foss, Margaret.....	do.....	40 00
		Freeman, C. Y.....	do.....	63 42
		Gallaher, Marion.....	do.....	20 00
		Gage, Marjorie.....	do.....	20 00
		Graybeal, W. H.....	do.....	65 10
		Hamlin, Sell.....	do.....	54 00
		Hanson, Samuel.....	do.....	72 50
		Hargan, E.....	do.....	72 38
		Henderson, T. O.....	do.....	109 82
		Hill, Charles.....	do.....	99 63
		Hixon, W. G.....	do.....	54 00
		Hunt, Oscar L.....	do.....	30 00
		Hutton, Ross.....	do.....	76 82
		Irvine, Frank.....	do.....	77 00
		Irvine, James.....	do.....	56 70
		Jones, Margaret.....	do.....	45 90
		Justus, E. W.....	do.....	108 00
		Langhoff, A.....	do.....	88 07
		Langhoff, Fred.....	do.....	68 77
		Lewis, E. C.....	do.....	71 61
		Litton, A. C.....	do.....	61 11
		Long, Thomas.....	do.....	98 01
		McAllister, A. J.....	do.....	69 60
		McClughen, Frances.....	do.....	45 90
		McCullough, James.....	do.....	63 58
		Magnuson, A. O.....	do.....	80 00
		Mahorney, H. H.....	do.....	77 51
		Meenach, O. E.....	do.....	79 35
		Meneely, Dan.....	do.....	67 85
		Miller, C. M.....	do.....	57 33
		Moran, A.....	do.....	72 50
		Morgan, Rebecca.....	do.....	45 90
		Morgan, J. E.....	do.....	10 00
		Murphey, Ruthe.....	do.....	65 25
		Newton, J. R.....	do.....	76 80
		Nikolaus, Jacob.....	do.....	65 10
		Perry, F. M.....	do.....	65 78
		Purkins, J. F.....	do.....	62 26
		Quinn, William.....	do.....	71 61
		Richards, Ed.....	do.....	104 16
		Ryan, Mary E.....	do.....	45 90
		Servis, A.....	do.....	83 26
		Sinclair, C. R.....	do.....	54 00
		Snyder, J.....	do.....	56 70
		Stateler, F.....	do.....	80 96
		Templin, William.....	do.....	89 62
		Tillotson, I. F.....	do.....	69 09
		Toy, George.....	do.....	65 78
		Turner, George.....	do.....	78 66
		Weaver, M. C.....	do.....	9 00
		Wharmby, Ed.....	do.....	72 68
		Wilde, William.....	do.....	96 10
		Wilson, Frank.....	do.....	43 20
		Beckman, Louis John.....	do.....	19 20
		Booher, M. C.....	do.....	95 20
		Boswell, Andrew.....	do.....	45 50
		Boswell, James.....	do.....	35 75
		Boyer, G. W.....	do.....	68 46
		Brumley, C. A.....	do.....	54 00
		Campbell, Mathew.....	do.....	54 00
		Carothers, Cevilla.....	do.....	41 04
		Carson, Rolla A.....	do.....	61 80
		Cheever, J. W.....	do.....	54 00
		Collins, A. L.....	do.....	62 80
		Craig, J. D.....	do.....	61 60
		Cunningham, Perley.....	do.....	34 13
		Davis, C. M.....	do.....	79 45

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 2726 Ctd.	1913. Nov. 1	Davis, Edward.....	Wages, October, 1913...	\$ 56 80
		Dunseth, C. A.....	do.....	82 80
		Dunseth, J. M.....	do.....	53 00
		English, B. F.....	do.....	67 34
		Ensor, Russell.....	do.....	55 20
		Fabert, H. F.....	do.....	53 80
		Fechtruph, Herman.....	do.....	59 20
		Fiscus, J. C.....	do.....	95 20
		Fox, Guy.....	do.....	76 33
		Franklin, F. T.....	do.....	61 53
		Glenn, David.....	do.....	54 00
		Glenn, V. S.....	do.....	55 60
		Griffin, G. C.....	do.....	62 00
		Gundloch, Chas.....	do.....	78 67
		Heinz, L. T.....	do.....	42 20
		Hickey, J. B.....	do.....	68 50
		Higgins, Harry.....	do.....	87 66
		Hooker, W. A.....	do.....	54 60
		Hoover, F. F.....	do.....	69 52
		Johnson, A. L.....	do.....	57 80
		Johnson, C. C.....	do.....	64 05
		Kliem, J. A. J.....	do.....	71 61
		Langhoff, Wm.....	do.....	65 32
		Lindsay, M. T.....	do.....	29 00
		Long, J. F.....	do.....	78 12
		Long, R. Ray.....	do.....	55 00
		Lyons, T. M.....	do.....	44 40
		McFadden, W. J.....	do.....	51 00
		Mack, Forrest.....	do.....	65 40
		Manley, Verna.....	do.....	60 00
		Markham, Kenneth.....	do.....	22 75
		Mattoon, C. E.....	do.....	54 00
		May, U. G.....	do.....	50 60
		Meyers, Jesse.....	do.....	64 63
		Moody, D. L.....	do.....	59 80
		Moore, C. P.....	do.....	62 20
		Nagle, Sybil.....	do.....	40 00
		Nelson, C. Q.....	do.....	55 80
		Ollis, A. W.....	do.....	62 00
		Peterson, Nick.....	do.....	54 80
		Peterson, A. C.....	do.....	62 25
		Porter, S. A.....	do.....	97 20
		Reed, B. L.....	do.....	59 00
		Reilly, G. H.....	do.....	77 50
		Shaffer, Guy.....	do.....	50 00
		Shipley, J. E.....	do.....	6 00
		Shriver, Alonzo L.....	do.....	65 00
		Simerl, M. A.....	do.....	46 80
		Small, M. M.....	do.....	60 00
		Smalley, G. F.....	do.....	36 00
		Smith, W. J.....	do.....	118 08
		Snook, Orval.....	do.....	60 27
		Snyder, T. B.....	do.....	10 00
		Speedie, A. C.....	do.....	97 20
		Stearns, L. M.....	do.....	65 10
		Steele, W. E.....	do.....	45 00
		Surbaugh, C. A.....	do.....	57 20
		Thomson, H. L.....	do.....	62 80
		Thompson, C. M.....	do.....	20 00
		Vandeventer, J. H.....	do.....	74 00
		Van Gundy, Harvey.....	do.....	29 40
		Waldo, Francis Joseph.....	do.....	62 00
		Walters, Prentice Therman.....	do.....	44 00
		Warmbier, August.....	do.....	85 50
		Wilson, Wesley.....	do.....	93 60
		Wright, Amos.....	do.....	65 60
		Sparks, Marion E.....	do.....	45 25
		Almond, H.....	do.....	30 25
		Apple, C. H.....	do.....	22 00
		Bagusin, A.....	do.....	19 00
		Baldwin, L. S.....	do.....	26 40
		Baldwin, L. S.....	do.....	47 60
		Baldwin, L. S.....	do.....	25 00
		Barden, H. E.....	do.....	15 00
		Barkman, C. P.....	do.....	14 80
		Bentley, R. L.....	do.....	12 60
		Berringer, Harriet.....	do.....	3 40

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 2726 Ctd.	1913. Nov. 1	Bevis, A Ledru.....	Wages, October, 1913...	\$27 40
		Billman, Elliott.....	do.....	15 40
		Bolander, Harold.....	do.....	14 74
		Britton, W. E.....	do.....	19 88
		Britton, F. E.....	do.....	32 90
		Brown, Ralph Powers.....	do.....	22 80
		Brown, H.....	do.....	13 75
		Brownfield, Lelah.....	do.....	12 25
		Budina, A. O.....	do.....	7 00
		Campbell, M. H.....	do.....	25 90
		Cavette, Erle.....	do.....	27 00
		Clegghorn, Belle.....	do.....	18 20
		Clements, O. R.....	do.....	6 00
		Coen, E. E.....	do.....	10 13
		Colbert, J. R.....	do.....	5 00
		Cox, C. G.....	do.....	11 40
		Cummins, W. E.....	do.....	29 70
		Custer, Emma.....	do.....	10 00
		Danielson, R. R.....	do.....	38 25
		Davis, Russel.....	do.....	33 00
		Davis, Leonard H.....	do.....	23 15
		Daisey, E. A.....	do.....	23 63
		English, H. M.....	do.....	32 70
		Eschauzer, L.....	do.....	21 40
		Farley, F. W.....	do.....	21 96
		Foster, D. D.....	do.....	15 00
		Foulk, Claude.....	do.....	15 40
		Funk, F. W.....	do.....	14 18
		Gage, James Howard.....	do.....	4 60
		Gauger, J. F.....	do.....	25 50
		Goebel, J.....	do.....	6 80
		Gould, John.....	do.....	11 40
		Grigg, D. R.....	do.....	11 40
		Halliday, Ruth.....	do.....	16 00
		Hallquest, Mrs. A. L.....	do.....	7 30
		Harting, Mildred.....	do.....	9 95
		Harwood, S. D.....	do.....	34 00
		Kenshaw, Amy.....	do.....	23 40
		Hill, C. F.....	do.....	10 00
		Hitchcock, E. W.....	do.....	22 58
		Horning, R. A.....	do.....	45 70
		Hufford, C. T.....	do.....	13 80
		Hughes, C. A.....	do.....	16 25
		Inagaki, Nole.....	do.....	28 20
		Ingalls, Ralph.....	do.....	16 25
		Johns, W. R.....	do.....	37 50
		Jones, W. R.....	do.....	28 44
		Kelley, H. P.....	do.....	18 80
		Kennicot, Sylvia.....	do.....	30 00
		King, Noble.....	do.....	21 88
		Kirkpatrick, F. A.....	do.....	12 60
		Kisselburg, K. M.....	do.....	23 00
		Lamb, Grover.....	do.....	26 60
		Larson, Martha.....	do.....	25 40
		Leggitt, Frank.....	do.....	22 58
		Lerch, Edward.....	do.....	20 00
		Lewis, T. G.....	do.....	15 20
		Linder, Lewis.....	do.....	10 00
		Lundquist, T. H.....	do.....	30 75
		Lindsey, C. H.....	do.....	21 25
		Linsley, C. M.....	do.....	14 50
		McCabe, C. L.....	do.....	9 60
		McGhee, O. M.....	do.....	16 70
		Magruder, Denton.....	do.....	20 00
		Mann, Edith.....	do.....	4 80
		Mattoon, E. W.....	do.....	1 20
		Maxwell, Leslie.....	do.....	26 60
		Meals, Robt.....	do.....	18 40
		Meltz, Nathan.....	do.....	14 60
		Millar, Mary.....	do.....	10 00
		Miller, F. R.....	do.....	4 60
		Milligen, Edna.....	do.....	6 60
		Miner, H. W.....	do.....	16 53
		Murray, Ralph.....	do.....	18 60
		Morris, Alice.....	do.....	3 20
		Morrison, W. R.....	do.....	22 80
		Munson, H.....	do.....	28 86
		Murphy, E. F.....	do.....	18 90
		Myers, Madge.....	do.....	6 40

OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
O 2726	1913.			
<i>Cld.</i>	Nov. 1	Myers, Rachel.....	Wages, October, 1913...	\$ 2 80
		Nelson, M.....	do.....	5 40
		Nelson, C. R.....	do.....	16 35
		Newman, F. A.....	do.....	14 00
		Nickolls, C. R.....	do.....	32 55
		Nixon, R. H.....	do.....	18 40
		Odell, Arthur.....	do.....	47 12
		Paine, Olive.....	do.....	21 40
		Peterson, Reuben W.....	do.....	19 05
		Price, C. B.....	do.....	10 40
		Questel, B. H.....	do.....	10 80
		Rehling, Chas.....	do.....	19 78
		Ropiequet, W. C.....	do.....	5 80
		Rugg, Earl N.....	do.....	31 75
		Salsbury, G. W.....	do.....	18 80
		Schroeder, G. W.....	do.....	11 80
		Scott, S. E.....	do.....	12 00
		Secor, E. C.....	do.....	15 75
		Shaffer, R. F.....	do.....	18 80
		Slater, W. E.....	do.....	33 90
		Smith, M. J.....	do.....	45 45
		Stearns, C. G.....	do.....	7 00
		Stevens, R. M.....	do.....	18 25
		Stilwell, Helen.....	do.....	6 00
		Stone, T. C.....	do.....	10 80
		Sundell, Dean.....	do.....	12 50
		Sutherland, G. F.....	do.....	9 75
		Thomas, E. W.....	do.....	18 07
		Thurston, H. W.....	do.....	23 60
		Tilton, L. D.....	do.....	23 25
		Timmins, H. A.....	do.....	10 15
		Tuthill, J. K.....	do.....	20 79
		Vandercook, H. P.....	do.....	22 25
		NanNatter, F. M.....	do.....	11 40
		Warriner, C. W.....	do.....	20 25
		Wallage, S. T.....	do.....	18 25
		Wham, Benj.....	do.....	18 20
		Wilson, A.....	do.....	13 48
		Wood, H. F.....	do.....	8 60
		Zaleski, Paul J.....	do.....	18 70
		Rachwalski, J.....	do.....	26 75
		Foss, Margaret.....	do.....	20 00
O 2727	do.....	A. N. Talbot.....	Expenses.....	\$ 5 05
O 2728	do.....	W. A. Slater.....	Laboratory supplies.....	9 65
O 2729	do.....	T. P. Sifford.....	Field expenses.....	7 66
O 2730	do.....	E. B. Walton.....	do.....	9 65
O 2731	do.....	Olive Percival.....	Lectures.....	80 00
O 2732	do.....	S. O. Andros.....	Traveling expenses.....	10 40
O 2733	do.....	S. O. Andros.....	do.....	7 26
O 2734	do.....	D. A. Abrams.....	do.....	43 20
O 2735	do.....	C. C. Porter.....	Rents.....	28 75
O 2736	do.....	Scientific Materials Co.....	Laboratory apparatus.....	380 99
O 2737	do.....	A. S. Colby.....	Traveling expenses.....	14 67
O 2738	do.....	S. V. Holt.....	do.....	43 18
O 2739	do.....	C. C. Logan.....	do.....	9 07
O 2740	do.....	Carroll J. Badger.....	do.....	12 81
O 2741	do.....	R. E. Hieronymous.....	Lectures.....	50 00
O 2742	do.....	E. A. White.....	Traveling expenses.....	7 50
O 2743	do.....	W. J. Carmichael.....	do.....	6 55
O 2744	do.....	H. W. Mumford.....	do.....	7 64
O 2745	do.....	Mabel Potter.....	do.....	14 50
O 2746	do.....	W. A. Wood.....	Digging.....	120 80
O 2747	Nov. 6	J. D. White, Clerk, Urbana Postoffice.....	Postal cards.....	25 00
O 2748	do.....	Julius Andrae & Sons Co.....	Telephone arm.....	29 40
O 2749	do.....	C. C. C. & St. L. Ry. Co.....	Freight.....	199 63
O 2750	do.....	Illinois Traction System.....	do.....	32 21
O 2751	do.....	The Wabash R. R.....	do.....	171 13
O 2752	do.....	The Illinois Central R. R. Co.....	do.....	129 60
O 2753	do.....	McIntosh Stereopticon Co.....	Laboratory apparatus.....	6 24
O 2754	do.....	Dr. C. E. Lucas.....	Professional services.....	14 75
O 2755	do.....	Jolly, Wieland & Richardson Co.....	Stove, linoleum.....	64 75
O 2756	do.....	E. F. Glasgow.....	Sand.....	11 25
O 2757	do.....	Jesse Jones Paper Co.....	Filing boxes.....	19 50
O 2758	do.....	The Hispanic Society of America.....	Books.....	2 61
O 2759	do.....	J. M. Barnhart.....	Traveling expenses.....	9 14
O 2760	do.....	Green Engineering Co.....	Supplies.....	35 88
O 2761	do.....	Hoffman & Kropf Chemical Co.....	Chemicals.....	2 50
O 2762	do.....	W. J. Boehm.....	Laboratory supplies.....	6 00
O 2763	do.....	Henry H. Shufeldt & Co.....	Alcohol.....	110 47

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
O 2764	Nov. 6	Mrs. F. M. Perry	Curtains, thread	\$ 10 00
O 2765	do	McDonough & Co.	Advertising	15 00
O 2766	do	Conference of Pharmaceutical Faculties	Dues	10 00
O 2767	do	Orr & Lockett Hardware Co.	Padlocks	27 35
O 2768	do	Gulick Tailoring Co.	Swimming trunks	92 50
O 2769	do	Ennis Hay Co.	Alfalfa	179 70
O 2770	do	Arthur G. Eldredge	Photo supplies	8 88
O 2771	Nov. 7	D. O. Haynes & Co.	Directory	5 00
O 2772	do	Bausch & Lomb Optical Co.	Apparatus repairs	2 00
O 2773	do	Birmingham & Seaman Co.	Janitor supplies	7 00
O 2774	do	Andrus & Church	Labels	2 20
O 2775	do	F. W. Woolworth Co.	Bowls	1 50
O 2776	do	Benedict Wrench Co.	Chain wrench	10 20
O 2777	do	Creamery Package Mfg. Co.	Apparatus repairs	54 22
O 2778	do	Fox Typewriter Co.	Repairing typewriter	15 00
O 2779	do	John C. Moore Corporation	Office supplies	7 00
O 2780	do	Weston Electrical Instrument Co.	Apparatus repairs	58 50
O 2781	do	The Uncle Sam Oil Co.	Crude oil	9 90
O 2782	do	R. D. Nuttall Co.	Rubber buffers	4 14
O 2783	do	Stone Publishing Co.	Book	5 00
O 2784	do	Captain T. J. Smith	Wheat straw	33 00
O 2785	do	J. Bowman	Hardware	45 40
O 2786	do	Chas. C. Smith	Office supplies	3 30
O 2787	do	Thomas E. Marr & Son	Print	1 00
O 2788	do	Biltmore Nursery	Catalogs	15 00
O 2789	do	Peoria Stone & Marble Works	Packing and cartage	75
O 2790	do	Twin City Bindery & Blank Book Co.	Office supplies	34 50
O 2791	do	Nernst Lamp Co.	Burners	5 30
O 2792	do	A. S. Nelson & Sons	Almanaris water	1 10
O 2793	do	The American Magazine	Magazines	3 00
O 2794	do	Kimble Durand Glass Co.	Laboratory supplies	4 05
O 2795	do	The Rand Co.	Office supplies	25 10
O 2796	do	Harbison-Walker Refractories Co.	Laboratory supplies	4 13
O 2797	do	Wm. Gaertner & Co.	Apparatus repairs	15 00
O 2798	do	Reliable Plumbing & Heating Co.	Laboratory apparatus	41 83
O 2799	do	Western Electric Co.	Desk lamp	1 27
O 2800	do	D. T. Robbins	Grinding corn	6 42
O 2801	do	Irving-Pitt Mfg. Co.	Binder	5 86
O 2802	do	The Tablet & Ticket Co.	Letters	1 80
O 2803	do	Willard Storage Battery Co.	Hyd. syringe	2 00
O 2804	do	Osgood Co.	Zincs, electrotpe	21 00
O 2805	do	The Champaign News	Sale notice	5 10
O 2806	do	The Daily Illini	Advertisement	19 80
O 2807	do	P. S. Campbell	Voucher list forms	14 70
O 2808	do	C. Hasler	Supplies	37 05
O 2809	do	Meyer & Wenthe	Stamps, key tags	1 98
O 2810	do	International Press Clipping Bureau	Clipping service	5 00
O 2811	do	C. F. Miller, Clerk	Petty expenses	1 46
O 2812	do	Underwood Typewriter Co.	Office supplies	1 56
O 2813	do	E. A. Purdy	Stud sockets	3 24
O 2814	do	W. J. Fraser	Traveling expenses	54 82
O 2815	do	O. A. Keller	do	6 54
O 2816	do	Eugene Dietzgen	Laboratory supplies	15 99
O 2817	do	Powers & Powers	Hydra	7 50
O 2818	do	Scott Paper Co.	General supplies	13 60
O 2819	do	Caldwell Electric Co.	Chain	3 50
O 2820	do	Ginn & Co.	Book	2 00
O 2821	do	L. C. Smith & Bros. Typewriter Co.	Rental	2 50
O 2822	do	Iowa State Conference of Charities and Correction	Books	8 00
O 2823	do	The American School Board Journal	Books	7 00
O 2824	do	Walker & Mulliken	Seat in chair	1 50
O 2825	do	National Tax Assn., A. E. Holcomb	Book	50
O 2826	do	Dravo-Doyle Co.	Laboratory apparatus	4 24
O 2827	do	Alex Nielsen	Laboratory supplies	6 00
O 2828	do	Geo. E. Amsbury Co.	Duck	3 70
O 2829	do	James B. Clow & Sons	Test plugs, etc.	18 07
O 2830	do	Jas. H. Rice Co.	Glass	25 87
O 2831	do	W. A. Jones Foundry & Machine Co.	Laboratory apparatus	12 00
O 2832	do	H. A. Swits	Rabbits	4 50
O 2833	do	O. Kircher	Services	76 34
O 2834	do	The Russian Symphony Orchestra	Payment of contract	1,200 00
O 2835	do	The C. C. C. & St. L. Ry. Co.	Freight	9 05
O 2836	do	General Chemical Co.	Chemicals	188 17
O 2837	do	S. V. Holt	Traveling expenses	55 30
O 2838	do	M. E. Jahr	do	7 05
O 2839	do	M. E. Jahr	do	6 30
O 2840	do	M. E. Jahr	do	6 05
O 2841	do	E. W. Bailey	do	12 19

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1913.				
O 2842	Nov. 7	J. W. Nave.	Laying tile.	\$ 15 00
O 2843	..do.	Franz H. Aust.	Traveling expenses.	12 10
O 2844	..do.	Ralph Chaplin.	Field expenses.	107 75
O 2845	..do.	Ralph Chaplin.	..do.	9 28
O 2846	..do.	Franz A. Aust.	Traveling expenses.	21 44
O 2847	..do.	W. J. Carmichael.	..do.	9 84
O 2848	..do.	L. R. Lang.	..do.	8 04
O 2849	..do.	Stephen Rogers	Field expenses.	147 45
O 2850	..do.	F. W. Wascher.	Traveling expenses.	54 06
O 2851	..do.	R. W. Dickenson.	..do.	37 35
O 2852	..do.	H. C. Wheeler.	..do.	45 94
O 2853	..do.	James H. Carter.	Field expenses.	30 50
O 2854	..do.	Leonard Hegnauer.	Traveling expenses.	6 55
O 2855	..do.	Ernst Hertzberg & Sons.	Binding.	127 43
O 2856	..do.	The Taylor Hardware Co.	Hardware supplies.	2 60
O 2857	..do.	Barnhart Bros.	..do.	14 60
O 2858	..do.	E. H. Sargent & Co.	Laboratory supplies.	96 93
O 2859	..do.	B. A. Strauch.	Developing and printing.	6 67
O 2860	..do.	Central Electric Co.	Supplies.	34 06
O 2861	..do.	Percival & Moorehead.	Supplies, stove.	15 90
O 2862	..do.	Urbana Courier Co.	Advertising.	10 54
O 2863	..do.	F. K. Robeson.	Supplies.	7 50
O 2864	..do.	Royal A. Stipes.	Sand.	13 20
O 2865	..do.	The Wabash Cabinet Co.	Cards.	18 26
O 2866	..do.	The Burr Co.	Foundry work, etc.	135 03
O 2867	..do.	Paul Gottschalk.	Books.	20 60
O 2868	..do.	G. E. Stechert & Co.	..do.	56 75
O 2869	..do.	D. H. Lloyd.	Supplies.	21 72
O 2870	..do.	Illinois State Reformatory.	Printing.	27 75
O 2871	..do.	The U. of I. Supply Store.	Supplies.	55 22
O 2872	..do.	Leavitt Mfg. Co.	Apparatus and repairs.	14 40
O 2873	..do.	John B. Bennett.	Sewer Pipe, etc.	27 30
O 2874	..do.	Mittendorf & Kiler.	Frames, etc.	12 33
O 2875	..do.	J. F. Auld.	Labor material.	38 82
O 2876	..do.	F. M. Leslie.	Framing.	15 75
O 2877	..do.	Bacon Brothers.	Paints.	11 18
O 2878	..do.	Champaign Steam Laundry.	Laundry.	1 77
O 2879	..do.	E. W. Sampson.	Supplies.	1 90
O 2880	..do.	J. T. Ryerson & Son.	Laboratory supplies.	32 50
O 2881	..do.	The Standard Calorimeter Co.	Laboratory apparatus.	267 20
O 2882	..do.	H. Swannell & Son.	Laboratory supplies.	15 75
O 2883	..do.	Woldenberg & Schaar.	..do.	146 80
O 2884	..do.	Fuller & Fuller Co.	Apparatus.	12 50
O 2885	..do.	Alexander Lumber Co.	Lumber.	2 70
O 2886	..do.	Hunter, Rourke & Co.	Materials.	2 25
O 2887	..do.	John H. Doyle.	Laboratory supplies.	2 44
O 2888	..do.	Stipes & Hecker.	Sand.	6 60
O 2889	..do.	Standard Oil Co.	Solar red engine.	2 40
O 2890	..do.	Central Scientific Co.	Moulds.	5 12
O 2891	..do.	Eisner Grocery Co.	Salt.	1 30
O 2892	..do.	W. T. Crandall.	Traveling expenses.	21 49
O 2893	..do.	Lurene Seymour.	..do.	2 12
O 2894	..do.	W. W. Yapp.	..do.	19 42
O 2895	..do.	V. A. Place.	..do.	8 40
O 2896	..do.	J. J. Yoke.	..do.	9 15
O 2897	..do.	Earl Garver.	..do.	11 21
O 2898	..do.	A. Ten Broeck, Jr.	Butter testing.	6 00
O 2899	..do.	Illinois Motor Car Sales Co.	Livery services.	12 00
O 2900	..do.	The Alumni Assn.	Quarterly allowance.	250 00
O 2901	..do.	D. A. Abrams.	Laboratory supplies.	3 30
O 2902	..do.	L. J. Towne.	Traveling expenses.	7 34
O 2903	..do.	John H. Doyle.	Hardware supplies.	6 57
O 2904	..do.	O. E. Staples, Bursar.	Student labor.	717 76
O 2905	..do.	O. E. Staples, Bursar.	Sundry bills.	272 06
O 2906	..do.	O. E. Staples, Bursar.	Express bills.	133 17
O 2907	..do.	O. E. Staples, Bursar.	General labor.	470 21
O 2908	Nov. 14	Pay roll.	November, 1913.	83, 178 45
		Filbey, E. J.	Salary, November, 1913.	\$ 183 33
		James, Edmund J.	..do.	1, 000 00
		Frazer, George E.	..do.	300 00
		Smith, Adelle C. (Student).	..do.	60 00
		Kinley, David.	..do.	83 33
		Harker, O. A.	..do.	83 33
		Fair, Sue M.	..do.	80 00
		Fiero, E. E. (Student).	..do.	50 00
		Warnock, A. R.	..do.	150 00
		Kyle, Martha J.	..do.	50 00
		Strong, Lillian.	..do.	50 00
		Carrithers, I. R.	..do.	60 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 2908 Ctd.	1913.			
	Nov. 14	Fargo, R. N.....	Salary, November, 1913	\$120 00
		Gill, H. L.....	do.....	220 00
		Huff, G. A.....	do.....	416 66
		Jones, R. R.....	do.....	120 00
		Manley, E. J.....	do.....	90 00
		Pengilly, H. E.....	do.....	10 00
		Brooks, Verna.....	do.....	90 00
		Gaut, Rosa Lee.....	do.....	40 00
		Hiitt, Agnes.....	do.....	20 00
		Hughitt, Anna L.....	do.....	100 00
		Landee, Marion C.....	do.....	45 00
		Moulton, Gertrude E.....	do.....	133 33
		Shoemaker, Dorothy-Ruth.....	do.....	70 00
		Webster, F. D.....	do.....	48 00
		Hollister, H. A.....	do.....	270 83
		Ayer, T. P. (Student).....	do.....	70 00
		Bollman, Minnie J. (Student).....	do.....	32 50
		Branch, Nelle E. (Student).....	do.....	32 50
		Breedis, John (Student).....	do.....	18 00
		Britton, Floyd Evanston (Student).....	do.....	30 00
		Christy, Glen (Student).....	do.....	18 00
		Craig, Jennie A.....	do.....	80 00
		Drury, F. K. W.....	do.....	200 00
		Dunlap, Fannie (Student).....	do.....	60 00
		Eppinger, J. G. (Student).....	do.....	36 00
		Felsenthal, Emma.....	do.....	83 33
		Fontaine, E. O. (Student).....	do.....	36 00
		Gibson, Mable H. (Student).....	do.....	27 50
		Goulding, P. S.....	do.....	166 66
		Herdman, Margaret.....	do.....	75 00
		Hodnefield, Jacob.....	do.....	125 00
		Hubbard, Marie E. (Student).....	do.....	27 50
		Hutchins, Margaret.....	do.....	83 33
		Janvrin, Charles.....	do.....	41 66
		Johnson, Alice.....	do.....	83 33
		Jutton, Emma R.....	do.....	100 00
		Kaiser, J. B.....	do.....	150 00
		Karsten, Eleanor G.....	do.....	100 00
		Leatherman, Marian.....	do.....	75 00
		Mitchell, Marguerite (Student).....	do.....	65 00
		Patton, Adah.....	do.....	91 66
		Renich, Katherine Louise (Student).....	do.....	30 00
		Torrance, Mary.....	do.....	75 00
		Troy, Mary Z. (Student).....	do.....	65 00
		Windsor, P. L.....	do.....	291 66
		Wyeth, Ols M.....	do.....	80 00
		Eldredge, A. G.....	do.....	250 00
		Carson, H. Y.....	do.....	125 00
		Kelley, R. L. (Student).....	do.....	100 00
		Rice, G. B.....	do.....	250 00
		White, J. M.....	do.....	416 66
		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.....	200 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.....	35 00
		Burlison, W. L.....	do.....	116 66
		Clevenger, C. B.....	do.....	70 00
		Dickerson, I. W.....	do.....	133 33
		Dickinson, R. W.....	do.....	83 33
		Ebersol, E. T.....	do.....	60 00
		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
		Gernert, 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

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 2908 Ctd.	1913. Nov. 14	Holt, S. V.	Salary, November, 1913	\$150 00
		Hoskins, E. E.	do.	150 00
		Jahr, M. E.	do.	140 00
		Leighty, W. R.	do.	116 66
		Logan, C. C.	do.	150 00
		Mosier, J. G.	do.	291 66
		Niederman, Gertrude.	do.	100 00
		Park, J. B.	do.	150 00
		Pettit, J. H.	do.	250 00
		Reed, C. O.	do.	120 00
		Sachs, W. H.	do.	133 33
		Schoonover, W. R.	do.	70 00
		Smith, L. H.	do.	266 66
		Snider, H. J.	do.	70 00
		Stewart, H. W.	do.	150 00
		VanAlstine, E. T.	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
		Barto, D. O.	do.	200 00
		Bull, Sleeter	do.	133 33
		Edmonds, J. L.	do.	208 33
		Hall, L. D.	do.	112 50
		Handschin, W. F.	do.	200 00
		Mitchell, H. H.	do.	133 33
		Mumford, H. W.	do.	416 66
		Newlin, C. I.	do.	100 00
		Place, V. A.	do.	100 00
		Rusk, H. P.	do.	208 33
		Simpson, F. M.	do.	133 33
		Smith, W. H.	do.	125 00
		Wells, J. R.	do.	83 33
		Yoke, J. J.	do.	83 33
		Brand, R. E.	do.	175 00
		Clark, E. M.	do.	45 00
		Crandall, W. T.	do.	150 00
		Fraser, W. J.	do.	291 66
		Harding, H. A.	do.	416 66
		Hulce, R. S.	do.	116 66
		Keller, O. A.	do.	91 66
		Lang, LeRoy	do.	175 00
		Parker, H. N.	do.	200 00
		Pearson, F. A.	do.	91 66
		Ruehe, H. A.	do.	133 33
		Yapp, W. W.	do.	91 66
		Aust, F. A.	do.	83 33
		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
		Foglesong, L. E.	do.	116 66
		Gardner, J. J.	do.	100 00
		Gunderson, A. J.	do.	100 00
		Harper, Julia A.	do.	65 00
		Hoffman, R. W.	do.	70 00
		Hutchinson, James	do.	100 00
		Lloyd, J. W.	do.	291 66
		Miller, Wilhelm	do.	250 00
		Muncie, F. W.	do.	83 33
		Nehrling, A. H.	do.	150 00
		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
		Fleming, Georgia	do.	100 00
		Goldthwaite, Nellie	do.	187 50
		Gray, Cora E.	do.	116 66
		Harrison, Florence	do.	100 00
		Parsons, Maud	do.	116 66



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 2908 Ctc.	1913. Nov. 14	Pincomb, Helena M.	Salary, November, 1913	\$133 33
		Seymour, Lurene	do.	150 00
		Stevens, Grace E.	do.	110 00
		Wheeler, Ruth	do.	141 66
		McIntosh, Donald	do.	208 33
		Richards, C. R.	do.	62 50
		Ash, Percy	do.	208 33
		Burton, S. C.	do.	140 00
		Clark, C. R.	do.	166 66
		Corrubia, A. B. M.	do.	160 00
		Cowley, F. K.	do.	120 00
		Fehrenkamp, Winifred	do.	70 00
		Forsythe, J. H.	do.	150 00
		Jones, R. T.	do.	160 00
		Kellogg, J. M.	do.	150 00
		Kimball, A. H.	do.	150 00
		Provine, L. H.	do.	291 66
		Ricker, N. C.	do.	291 66
		Titcomb, W. C.	do.	175 00
		Wells, N. A.	do.	104 16
		Baker, I. O.	do.	333 33
		Bowling, B. L.	do.	83 33
		Davis, R. E.	do.	120 00
		Garver, N. B.	do.	141 66
		McDaniel, A. B.	do.	229 16
		Parcel, J. I.	do.	208 33
		Pickels, G. W.	do.	150 00
		Raynor, W. H.	do.	130 00
		Smith, J. E.	do.	150 00
		Wiley, C. C.	do.	141 66
		Wilson, W. M.	do.	183 33
		Biegler, P. S.	do.	166 66
		Brooks, Morgan	do.	250 00
		Bryant, J. M.	do.	229 16
		Fisk, I. W.	do.	133 33
		James, L. V.	do.	133 33
		Knight, A. R.	do.	150 00
		Loring, F. C.	do.	130 00
		Paine, E. B.	do.	250 00
		Waldo, E. H.	do.	166 66
		Abrams, D. A.	do.	150 00
		Chittenden, A. K.	do.	229 16
		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
		Yensen, T. D.	do.	133 33
		Crane, Rufus	do.	100 00
		Jordan, H. H.	do.	140 00
		Miller, H. W.	do.	183 33
		Nelson, W. S.	do.	30 00
		Porter, F. M.	do.	125 00
		Rugg, H. O.	do.	150 00
		Steward, R. K.	do.	141 66
		Benedict, B. W.	do.	291 66
		Dent, J. A.	do.	150 00
		Domonske, A. B.	do.	140 00
		Duncan, J. M.	do.	90 00
		Eames, H. S.	do.	140 00
		Gross, G. A.	do.	150 00
		Frisk, J. A.	do.	91 66
		Godeke, H. F.	do.	130 00
		Goodenough, G. A.	do.	291 66
		Harding, L. A.	do.	291 66
		Kennedy, E. E.	do.	150 00
		Lanham, E. T.	do.	120 00
		Leutwiler, O. A.	do.	241 66
		Pendleton, J. C.	do.	100 00
		Radebaugh, G. H.	do.	110 00
		Rebman, P. J.	do.	80 00
		Richards, C. R.	do.	416 66
		Scroggin, D. L.	do.	120 00
		Torrance, F. C.	do.	110 00
		Waterfall, H. W.	do.	130 00
		Willard, A. C.	do.	200 00
		Andros, S. O.	do.	25 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 2908 Ctd.	1913. Nov. 14	Holbrook, E. A. ....	Salary, Novmeber, 1913	\$208 33
		Stoek, H. H. ....	do. ....	416 66
		Young, L. E. ....	do. ....	150 00
		Babbitt, H. E. ....	do. ....	140 00
		Boomsliter, G. P. ....	do. ....	170 00
		Enger, M. L. ....	do. ....	187 50
		Ensign, N. E. ....	do. ....	150 00
		Fleming, V. R. ....	do. ....	150 00
		Gardner, Harry. ....	do. ....	140 00
		Gonnerman, H. F. ....	do. ....	150 00
		Noerenberg, C. E. ....	do. ....	170 00
		Seely, F. B. ....	do. ....	170 00
		Talbot, A. N. ....	do. ....	416 66
		Vallance, Alexander. ....	do. ....	140 00
		Bair, W. H. ....	do. ....	50 00
		Carman, A. P. ....	do. ....	416 66
		Jones, L. T. ....	do. ....	95 00
		Karrer, Sebastian. ....	do. ....	70 00
		Knipp, C. T. ....	do. ....	233 33
		Kunz, Jacob. ....	do. ....	208 33
		Nathanson, J. B. ....	do. ....	50 00
		Schulz, W. F. ....	do. ....	183 33
		Randolph, O. A. ....	do. ....	90 00
		Shook, G. A. ....	do. ....	120 00
		Smith, O. H. ....	do. ....	95 00
		Watson, F. R. ....	do. ....	229 16
		Warner, E. H. ....	do. ....	80 00
		Williams, E. H. ....	do. ....	141 66
		Hayes, J. B. ....	do. ....	90 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
		Andros, S. O. ....	do. ....	150 00
		Decker, E. H. ....	do. ....	291 66
		Green, Frederick. ....	do. ....	291 66
		Hale, W. G. ....	do. ....	291 66
		Harker, O. A. ....	do. ....	333 33
		Pomeroy, J. N. ....	do. ....	208 33
		Vernier, C. G. ....	do. ....	291 66
		Cassidy, H. M. (Student). ....	do. ....	25 00
		Andrews, O. M. ....	do. ....	83 33
		Babcock, K. C. ....	do. ....	416 66
		Meyer, G. H. ....	do. ....	20 83
		Seymour, A. R. ....	do. ....	25 00
		Bradbury, C. E. ....	do. ....	120 00
		Kelley, C. F. ....	do. ....	150 00
		Lake, E. J. ....	do. ....	187 50
		Wetmore, Mary M. ....	do. ....	150 00
		Bond, J. J. D. ....	do. ....	30 00
		Reed, F. W. ....	do. ....	140 00
		Stebbins, Joel. ....	do. ....	291 66
		Burton, L. V. ....	do. ....	60 00
		Newell, C. R. ....	do. ....	100 00
		Rahn, Otto. ....	do. ....	225 00
		Brigham, R. O. ....	do. ....	60 00
		Hague, Stella M. ....	do. ....	90 00
		Hottes, C. F. ....	do. ....	250 00
		Lamkey, E. M. R. ....	do. ....	60 00
		LeCato, J. M. ....	do. ....	60 00
		McDougall, W. B. ....	do. ....	120 00
		Farr, Rosalie M. ....	do. ....	80 00
		Scherfee, S. H. ....	do. ....	30 00
		Trelease, Wm. ....	do. ....	416 66
		Waggoner, H. D. ....	do. ....	60 00
		Whitten, J. H. ....	do. ....	60 00
		Hursh, R. K. ....	do. ....	150 00
		Radcliffe, B. S. ....	do. ....	120 00
		Rand, C. C. ....	do. ....	80 00
		Stull, E. T. ....	do. ....	250 00
		Adams, W. C. ....	do. ....	10 00
		Allen, C. H. ....	do. ....	50 00
		Baker, R. E. ....	do. ....	35 00
		Balke, C. W. ....	do. ....	250 00
		Ball, T. R. ....	do. ....	30 00
		Bates, S. J. ....	do. ....	100 00
		Beal, G. D. ....	do. ....	140 00
		Braley, S. A. ....	do. ....	10 00
		Broderson, H. J. ....	do. ....	120 00

OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
O 2908 <i>Ctd.</i>	1913. Nov. 14	Carter, H. M.	Salary, November, 1913	\$ 30 00
		Charlton, E. E.	do	30 00
		Clark, K. A.	do	35 00
		Cohn, Alexander	do	10 00
		Darrach, Juanita E.	do	30 00
		Davissou, B. S.	do	60 00
		Derick, C. G.	do	166 66
		Eckstein, C. H.	do	10 00
		Engle, E. W.	do	50 00
		Engels, D. T.	do	30 00
		Foster, L. F.	do	50 00
		Gilmote, R. E.	do	30 00
		Hecker, C. H.	do	100 00
		Hess, R. W.	do	50 00
		Hewes, C. K.	do	60 00
		Honorski, B. R.	do	80 00
		Hopkins, B. S.	do	140 00
		Janson, J. M.	do	10 00
		Kamm, Oliver	do	60 00
		Kremmers, H. C.	do	30 00
		Layne, T. E.	do	60 00
		Lewis, H. F.	do	50 00
		MacArthur, C. G.	do	150 00
		MacInnes, D. A.	do	140 00
		Manuel, W. A.	do	30 00
		Marchusi, S. D.	do	30 00
		Nelson, R. A.	do	10 00
		Noyes, W. A.	do	416 66
		Part, S. W.	do	333 33
		Prasli, Anton	do	10 00
		Read, J. W.	do	60 00
		Rich, P. C.	do	10 00
		Ruby, G. B.	do	10 00
		School, Clarence	do	30 00
		Sears, G. W.	do	60 00
		Siever, C. W. J.	do	10 00
		Skinner, G. S.	do	10 00
		Smith, G. M.	do	166 66
		Smith, L. D.	do	100 00
		Snook, J. D.	do	10 00
		Straw, W. A.	do	30 00
		Taylor, E. H.	do	10 00
		Taylor, S. C.	do	30 00
		Thorpe, Lambert	do	120 00
		Tippett, R. W.	do	30 00
		Valentine, H. D.	do	30 00
		Van Zoeren, G. J.	do	60 00
		Washburn, E. W.	do	291 66
		Weber, H. C. P.	do	166 66
		Weland, H. J.	do	35 00
		Wichers, Edward	do	30 00
		Wildman, E. A.	do	60 00
		Bogart, E. L.	do	291 66
		Chase, W. A.	do	50 00
		Dewarup, E. R.	do	200 00
		Litman, Simon	do	250 00
		Prickett, A. L.	do	208 33
		Robinson, M. H.	do	40 00
		Seoville, H. T.	do	250 00
		Stewart, C. L.	do	200 00
		Thompson, C. M.	do	70 00
		Thompson, J. G.	do	180 00
		Weston, N. A.	do	180 00
		Barton, H. J.	do	230 00
		Canter, H. V.	do	291 66
		Moss, C. M.	do	208 33
		Oldfather, W. A.	do	250 00
		Pase, A. S.	do	250 00
		Anderson, L. F.	do	229 16
		Bagley, W. O.	do	416 66
		Coffman, L. D.	do	291 66
		Halquest, A. L.	do	30 00
		Harlan, C. L.	do	30 00
		Johnston, G. H.	do	291 66
		Miller, W. S.	do	150 00
		Alden, R. M.	do	573 00
		Baldwin, E. O.	do	173 00
		Boyer, C. V.	do	140 00
		Buchan, W. A.	do	150 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 2808 Ctd.	1913. Nov. 14	Clark, T. A.....	Salary, November, 1913	\$500 00
		Creek, H. L.....	do.....	140 00
		Curl, M. J.....	do.....	140 00
		Dixon, R. E.....	do.....	110 00
		Dodge, D. K.....	do.....	270 83
		Fulton, Edward.....	do.....	175 00
		Goodwin, T. G.....	do.....	100 00
		Guild, T. H.....	do.....	125 00
		Gwinn, Alta.....	do.....	90 00
		Harbarger, Sada A.....	do.....	100 00
		Jones, E. S.....	do.....	120 00
		Jones, H. S. V.....	do.....	183 33
		Jordan, J. C.....	do.....	100 00
		Kelso, Ruth.....	do.....	100 00
		Kyle, Martha J.....	do.....	130 00
		Landee, Marion.....	do.....	45 00
		Loomis, R. S.....	do.....	120 00
		McJohnston, Harrison.....	do.....	120 00
		Paul, H. G.....	do.....	208 33
		Rinaker, Clarissa.....	do.....	110 00
		Sarett, L. R.....	do.....	100 00
		Schoepperle, Gertrude.....	do.....	130 00
		Scott, F. W.....	do.....	200 00
		Sherman, S. P.....	do.....	308 33
		Stanley, T. B.....	do.....	50 00
		Sutcliffe, E. G.....	do.....	100 00
		Tieje, A. J.....	do.....	120 00
		Whicher, G. F.....	do.....	110 00
		Woolbert, C. H.....	do.....	166 66
		Zeitlin, Jacob.....	do.....	133 33
		Folsom, J. W.....	do.....	208 33
		Forbes, S. A.....	do.....	83 33
		Glasgow, Hugh.....	do.....	120 00
		MacGillivray, A. D.....	do.....	250 00
		Peterson, Alvah.....	do.....	60 00
		Bayley, W. S.....	do.....	250 00
		Fleener, F. L.....	do.....	40 00
		Heitkamp, G. W.....	do.....	40 00
		Rich, J. L.....	do.....	150 00
		Rolfe, C. W.....	do.....	250 00
		Ross, C. S.....	do.....	40 00
		Savage, T. E.....	do.....	208 33
		Thompson, David.....	do.....	40 00
		Barto, P. S.....	do.....	100 00
		Brooks, N. C.....	do.....	208 33
		Flom, G. T.....	do.....	233 33
		Goebel, Julius.....	do.....	312 50
		Green, Alexander.....	do.....	120 00
		Held, F. E.....	do.....	50 00
		Koller, A. H.....	do.....	130 00
		Lessing, O. E.....	do.....	291 66
		Meyer, G. H.....	do.....	208 33
		Poor, C. M.....	do.....	150 00
		Spindler, G. W.....	do.....	50 00
		Williams, C. A.....	do.....	150 00
		Zucker, A. E.....	do.....	50 00
		Alvord, C. W.....	do.....	145 83
		Brush, Elizabeth P.....	do.....	90 00
		Buck, S. J.....	do.....	150 00
		Cole, A. C.....	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
		Borger, R. L.....	do.....	125 00
		Burns, Josephine E.....	do.....	100 00
		Chittenden, E. W.....	do.....	120 00
		Crathorne, A. R.....	do.....	166 66
		Denton, W. W.....	do.....	140 00
		Emch, Arnold.....	do.....	187 50
		Hebbert, C. M.....	do.....	60 00
		Kempner, A. J.....	do.....	140 00
		Lytie, E. B.....	do.....	150 00
		Miller, G. A.....	do.....	291 66
		Rietz, H. L.....	do.....	958 33
		Rowland, S. A.....	do.....	75 00
		Rutledge, George.....	do.....	60 00
		Shaw, J. B.....	do.....	229 16

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 2908 Ctd.	1913.			
	Nov. 14	Sisam, C. H.	Salary, November, 1913	\$183 33
		Smith, G. W.	do.	60 00
		Stouffer, E. B.	do.	130 00
		Townsend, E. J.	do.	333 33
		Wahlin, G. E.	do.	116 66
		Zeis, H. C.	do.	60 00
		Beard, J. H.	do.	130 00
		Burge, W. E.	do.	183 33
		Neill, Alma J.	do.	60 00
		Bode, B. H.	do.	291 66
		Daniels, A. H.	do.	333 33
		Geyer, D. L.	do.	50 00
		Shepherd, Queen L.	do.	110 00
		Dodd, W. F.	do.	191 66
		Fairlie, J. A.	do.	291 66
		Garner, J. W.	do.	333 33
		Hanford, A. C.	do.	50 00
		Mathews, J. M.	do.	150 00
		Bentley, Madison	do.	270 83
		Ruckmich, C. A.	do.	130 00
		Sutherland, A. H.	do.	150 00
		Vance, T. J.	do.	90 00
		Allen, Louis	do.	45 00
		Beck, J. B.	do.	166 66
		Carnahan, D. H.	do.	112 50
		Carry, Charles	do.	110 00
		Eppels, Joseph	do.	90 00
		FitzGerald, J. D., II.	do.	225 00
		Moore, O. H.	do.	120 00
		Oliver, T. E.	do.	250 00
		Schulters, J. R.	do.	80 00
		Seymour, A. R.	do.	166 66
		Turner, L. M.	do.	150 00
		Wesenberg, T. G.	do.	90 00
		Hayes, E. C.	do.	275 00
		Todd, A. J.	do.	141 66
		Adams, C. C.	do.	137 50
		Chenoweth, H. E.	do.	30 00
		Cobb, Margaret V.	do.	30 00
		Faust, E. C.	do.	60 00
		Green, Bessie R.	do.	60 00
		Heimbürger, H. V.	do.	60 00
		Johnson, Gertrude	do.	40 00
		Kingsley, J. S.	do.	291 66
		Linkins, R. H.	do.	60 00
		May, H. G.	do.	30 00
		Smith, Frank	do.	250 00
		Stunkard, H. W.	do.	30 00
		VanCleave, H. J.	do.	120 00
		Ward, H. B.	do.	416 66
		Wells, Grace E.	do.	30 00
		Zeleny, Charles	do.	250 00
		Hanson, F. B. (Student)	do.	60 00
		Kinley, David	do.	500 00
		Wright, A. B.	do.	50 00
		Austin, Louise	do.	25 00
		Bayley, Paul	do.	25 00
		Blaney, Lillian	do.	25 00
		Brandner, A. R.	do.	25 00
		Browne, Lois A.	do.	25 00
		Clark, Helen	do.	25 00
		Coultas, Lois M.	do.	25 00
		Cushing, Helen I.	do.	25 00
		Dewey, Ida B.	do.	25 00
		Fisher, L. N.	do.	25 00
		Garman, Philip	do.	25 00
		Haskett, Aloa A.	do.	25 00
		Heck, A. O.	do.	25 00
		Ingels, Nelle L.	do.	25 00
		Kile, Jessie J.	do.	25 00
		Knight, C. K.	do.	25 00
		Knoche, Viola E.	do.	25 00
		Lamb, B. F.	do.	25 00
		Lantz, C. W.	do.	25 00
		Lawrence, Matthew	do.	25 00
		Lincoln, Warren	do.	25 00
		McKenna, E. L.	do.	25 00
		Mathews, Howard	do.	25 00
		Miles, Lois M.	do.	25 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O. 2908 <i>Ctd.</i>	1913. Nov. 14	Miller, Jessie F.	Salary, November, 1913	\$ 25 00
		Pasmore, D. F.	do.	25 00
		Parker, Karr	do.	25 00
		Partridge, N. L.	do.	25 00
		Paulson, P. A.	do.	25 00
		Ray, S. H.	do.	25 00
		Reeves, H. P.	do.	25 00
		Schinnerer, O. P.	do.	25 00
		Showhart, W. A.	do.	25 00
		Siebens, Thekla M.	do.	25 00
		Smith, R. S.	do.	25 00
		Stevens, W. E.	do.	25 00
		Stokes, C. N.	do.	25 00
		Sullivan, W. W.	do.	25 00
		Theilen, Margaret K.	do.	25 00
		Thoreen, Edna A.	do.	25 00
		Thorne, Mabel E.	do.	25 00
		Wilber, A. S.	do.	25 00
		Wilson, W. H.	do.	25 00
		Wolf, H. C.	do.	25 00
		Wolfe, W. S.	do.	25 00
		Brown, R. W.	do.	35 00
		Carroll, W. E.	do.	40 00
		Clark, F. E.	do.	35 00
		Conel, J. L.	do.	35 00
		Cort, W. W.	do.	30 00
		Farwell, S. P.	do.	40 00
		Fracker, S. B.	do.	35 00
		Gittins, Elizabeth M.	do.	30 00
		Gutberlet, J. E.	do.	40 00
		Harder, O. E.	do.	30 00
		Heuse, E. O.	do.	40 00
		Holley, C. E.	do.	35 00
		Howard, J. W.	do.	30 00
		Johnson, Morris.	do.	30 00
		Kircher, E. A. T.	do.	40 00
		Lehenbauer, P. A.	do.	40 00
		Macfarlane, Wallace.	do.	35 00
		McGregor, H. H.	do.	35 00
		Mathewson, L. C.	do.	40 00
		Millard, E. B.	do.	40 00
		Miller, J. E.	do.	35 00
		Peine, A. F.	do.	35 00
		Russell, F. A.	do.	35 00
		Voegelein, Lily B.	do.	30 00
		Watson, Minnie E.	do.	35 00
		Wright, Quincy.	do.	30 00
		Wyatt, F. A.	do.	35 00
		Belt, J. H.	do.	50 00
		Hadley, H. F.	do.	50 00
		McDermet, Rudolph.	do.	50 00
		Maney, G. A.	do.	50 00
		Montgomery, Julian.	do.	50 00
		Nebel, M. L.	do.	50 00
		Pogue, R. B.	do.	50 00
		Thomas, H. R.	do.	50 00
		Wohlenberg, W. J.	do.	50 00
		Bond, Ethel.	do.	83 33
		Curtis, Florence R.	do.	133 33
		Reece, E. J.	do.	133 33
		Simpson, Frances.	do.	166 66
		Oaks, Katherine S.	do.	75 00
		Harding, A. A.	do.	180 00
		Kirkup, Florence M.	do.	100 00
		Mills, C. H.	do.	225 00
		Morphy, E. W.	do.	170 00
		Nasmyth, H. D.	do.	170 00
		Schwartz, G. F.	do.	183 33
		Simon, Anna.	do.	100 00
		Smith, Constance Barlow.	do.	166 66
		Townsend, L. L.	do.	120 00
		Treat, Edna L.	do.	100 00
		Van den Berg, H. J.	do.	180 00
		Langelier, W. F.	do.	125 00
		Colson, H. W.	do.	100 00
		Clark, A. H.	do.	150 00
		Day, W. B.	do.	108 33
		Day, W. B.	do.	100 00
		Eicher, B. L.	do.	100 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
O 2908	Nov. 14	Fantus, Bernard.....	Salary, November, 1913	\$ 50 00
<i>Cl'd.</i>		Gathercoal, E. N.....	do.....	130 00
		Snow, C. M.....	do.....	150 00
O 2909	..do.....	Pay roll (civil service employees).....	November, 1913.....	\$9,083.77
		Alexander, Lilla.....	Salary, November, 1913	65 00
		Alley, W. E.....	do.....	85 00
		Amos, Winifred L.....	do.....	75 00
		Atkinson, C. E.....	do.....	141 66
		Blackwell, Mary.....	do.....	55 00
		Boice, L. A.....	do.....	125 00
		Bowen, Evalena.....	do.....	65 00
		Broadhurst, Tabitha J.....	do.....	75 00
		Brown, Ina M.....	do.....	60 00
		Bryan, Sarah E.....	do.....	70 00
		Buckles, Mildred.....	do.....	65 00
		Buckler, Helen I.....	do.....	60 00
		Burt, Ruth.....	do.....	50 00
		Cass, Elizabeth H.....	do.....	65 00
		Crawford, C. C.....	do.....	65 00
		Cover, Hazel.....	do.....	60 00
		Cunningham, H. E.....	do.....	166 66
		Custer, Emma L.....	do.....	70 00
		Dalton, C. E.....	do.....	50 00
		Emigh, Edith.....	do.....	70 00
		Feldkamp, Amelia.....	do.....	40 00
		Fieg, Robert.....	do.....	50 00
		Foss, Margaret C.....	do.....	40 00
		Fraser, Viola.....	do.....	65 00
		Gage, Marjorie H.....	do.....	68 00
		Gallaher, Marion B.....	do.....	40 00
		Garwood, Frances.....	do.....	50 00
		Goetz, Antoinette.....	do.....	70 00
		Good, Elizabeth.....	do.....	50 00
		Gordon, Marie A.....	do.....	55 00
		Griffith, Mabel.....	do.....	70 00
		Halliday, Mable.....	do.....	60 00
		Hamilton, Mrs. Alice V.....	do.....	75 00
		Havens, Charles.....	do.....	120 00
		Hay, N.....	do.....	166 66
		Heater, Myrtle E.....	do.....	60 00
		Houchens, Josie B.....	do.....	83 33
		Hull, A. H.....	do.....	65 00
		Humrichouse, Katie L.....	do.....	50 00
		Johnson, Gertrude E.....	do.....	55 00
		Kelley, J. H.....	do.....	183 33
		Kirwin, Nora.....	do.....	50 00
		Knapp, Aurella.....	do.....	75 00
		Knorr, L. E.....	do.....	150 00
		Lahr, Lawrence.....	do.....	50 00
		Lamb, Allie B.....	do.....	55 00
		Lee, A. R.....	do.....	91 66
		Leitz, Louise A.....	do.....	40 00
		Love, Mary E.....	do.....	65 00
		McConn, C. M.....	do.....	250 00
		McGhee, Hester Elizabeth.....	do.....	40 00
		McGurty, Agnes.....	do.....	83 33
		McIntire, W. A.....	do.....	50 00
		Manspeaker, L. Mae.....	do.....	83 33
		Meneley, Maude E.....	do.....	60 00
		Meseck, R.....	do.....	65 00
		Millar, Mary.....	do.....	65 00
		Miller, C. F.....	do.....	90 00
		Morey, Lloyd.....	do.....	125 00
		Morrow, J. A.....	do.....	166 66
		Murphy, Morris.....	do.....	110 00
		Needham, Lucile.....	do.....	60 00
		Nyberg, Florence A.....	do.....	50 00
		Oberdorfer, H. D.....	do.....	208 33
		Packard, Bessie.....	do.....	75 00
		Peel, Elizabeth C.....	do.....	75 00
		Peel, Thomas.....	do.....	55 00
		Poll, Lillian.....	do.....	50 00
		Post, Frederick.....	do.....	75 00
		Postlewait, Harriet L.....	do.....	55 00
		Powell, B. E.....	do.....	191 66
		Pulling, Elizabeth.....	do.....	60 00
		Putnam, Persis.....	do.....	75 00
		Rein, Lillian E.....	do.....	50 00
		Renz, Myrtle.....	do.....	75 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 2909 Cld.	1913. Nov. 14	Ricketts, Clara.....	Salary, November, 1913 \$	60 00
		Riggs, Bess.....	do.....	30 00
		Robertson, Nellie.....	do.....	70 00
		Rogers, Della M.....	do.....	40 00
		Scanlan, Mary.....	do.....	60 00
		Sharp, Bertha L.....	do.....	55 00
		Sharp, Ethel.....	do.....	40 00
		Shaw, Hazel Y.....	do.....	65 00
		Shepard, Anna L.....	do.....	100 00
		Showers, T. J.....	do.....	125 00
		Slater, Sara M.....	do.....	60 00
		Smith, Florence E.....	do.....	75 00
		Smith, I. M.....	do.....	125 00
		Smith, Mayme L.....	do.....	65 00
		Staples, O. E.....	do.....	150 00
		States, Bertha G.....	do.....	50 00
		Stevens, Sabra.....	do.....	65 00
		Steitz, Alfred.....	do.....	85 00
		Stricklan, Freda O.....	do.....	65 00
		Thompson, M. E.....	do.....	90 00
		Towne, L. J.....	do.....	175 00
		Tuttle, G. P.....	do.....	100 00
		Tyrrell, Josephine.....	do.....	50 00
		Vaubel, D.....	do.....	60 00
		Voight, Lida E.....	do.....	83 33
		Wheeler, H. H.....	do.....	70 00
		White, Loretta.....	do.....	65 00
		Winchester, B. L.....	do.....	48 00
		Wyninger, H. T.....	do.....	60 00
		Beyer, Melinda L.....	do.....	75 00
		Merchant, Donna.....	do.....	50 00
		Feind, Frances.....	do.....	80 00
		Math, E. R.....	do.....	125 00
		Magruder, Ira W.....	do.....	70 00
		Ressler, Milton.....	do.....	80 00
		Vanderbeek, H. J.....	do.....	65 00
		Wright, G. E.....	do.....	125 00
		Lonius, J. O.....	do.....	90 00
		Ellis, E. R.....	do.....	50 00
		Leonard, Russell.....	do.....	45 83
		Reid, Olive G.....	do.....	50 00
O 2910	..do.....	Pay roll (civil service employees).....	November, 1913.....	\$150 00
		Carlson, M. R.....	Wages, October, 1913.....	60 00
		Geist, H. F.....	do.....	90 00
O] 2911	..do.....	Pay roll (civil service employees).....	November, 1913.....	100 00
		Sowers, A. L.....	Wages, October, 1913.....	100 00
O 2912	Nov. 15	V. Mueller & Co.....	Laboratory apparatus.....	325 12
O 2913	..do.....	H. W. Cole.....	Desk, chairs.....	35 00
O 2914	..do.....	Western Educational Advertising Agency.....	Advertising.....	75 00
O 2915	..do.....	The Book Shop Bindery.....	Binding.....	85 10
O 2916	..do.....	H. M. Hooker Co.....	Glass.....	9 43
O 2917	..do.....	Fleischer Paper Box Co.....	Boxes.....	10 20
O 2918	..do.....	S. S. White Dental Mfg. Co.....	Chair.....	26 50
O 2919	..do.....	Woldenberg & Schaar.....	Bottles.....	50 00
O 2920	..do.....	McMaster-Carr Supply Co.....	Plumbing materials.....	16 87
O 2921	..do.....	Parke-Davis & Co.....	Chemicals.....	21 24
O 2922	..do.....	The Adder Machine Co.....	Adding machine.....	195 00
O 2923	..do.....	The Chicago Tribune.....	Incidentals.....	1 75
O 2924	..do.....	The R. D. Swisher Mfg. Co.....	Steel stamp.....	1 00
O 2925	..do.....	The Western Union Telegraph Co.....	Time service.....	23 10
O 2926	..do.....	A. H. Abbott Co.....	Supplies.....	101 56
O 2927	..do.....	H. K. Mulford Co.....	Laboratory supplies.....	43 26
O 2928	..do.....	A. Daigger & Co.....	do.....	20 90
O 2929	..do.....	The Globe-Wernicke Co.....	Office equipment.....	293 45
O 2930	..do.....	Morrison, Plummer & Co.....	Laboratory supplies.....	286 63
O 2931	..do.....	Marshall Field & Co.....	Supplies.....	167 12
O 2932	..do.....	Fuller & Fuller Co.....	Laboratory supplies.....	82 31
O 2933	..do.....	Remington Typewriter Co.....	Typewriters.....	120 80
O 2934	..do.....	V. Mueller & Co.....	Laboratory supplies.....	124 30
O 2935	..do.....	The Chicago Evening Post Co.....	Advertising.....	159 60
O 2936	..do.....	The Inter-Ocean.....	do.....	107 10
O 2937	..do.....	Mallory & Mitchell.....	do.....	391 10
O 2938	..do.....	Chicago Examiner.....	do.....	68 04
O 2939	..do.....	The Chicago Examiner.....	do.....	71 82
O 2940	..do.....	C. L. Frame Dental Supply Co.....	Laboratory apparatus.....	241 35
O 2941	..do.....	The C., C. & St. L. Ry. Co.....	Freight.....	175 61
O 2942	..do.....	The Wabash R. R. Co.....	do.....	36 63
O 2943	..do.....	S. O. Andros.....	Expenses.....	11 50



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
O 2944	Nov. 15	Chris C. Jensen.....	Traveling expenses.....	\$ 9 72
O 2945	do.	W. E. Johns.....	Expert services.....	45 00
O 2946	do.	S. H. Ray.....	Traveling expenses.....	9 65
O 2947	do.	V. E. Spencer.....	do.....	19 04
O 2948	do.	R. S. Hulce.....	do.....	10 54
O 2949	do.	W. J. Mann.....	do.....	5 18
O 2950	do.	Orr M. Allyn.....	do.....	23 21
O 2951	do.	R. W. Dickenson.....	do.....	46 10
O 2952	do.	A. F. Gustafson.....	do.....	12 03
O 2953	do.	John Hale.....	Labor.....	26 80
O 2954	do.	Wm. Black.....	Labor, expense.....	12 56
O 2955	do.	D. E. Coffey.....	Labor.....	13 75
O 2956	do.	Charles Glascock.....	do.....	24 80
O 2957	do.	W. F. Handschin.....	Traveling expenses.....	12 75
O 2958	do.	Martin J. Prucha.....	do.....	27 58
O 2959	do.	H. A. Ruehe.....	do.....	7 04
O 2960	do.	Wilhelm Miller.....	do.....	8 10
O 2961	do.	M. E. Jahr.....	do.....	6 80
O 2962	do.	B. S. Pickett.....	Supplies.....	3 55
O 2963	do.	The Carson-Payson Co.....	Plumbing materials.....	103 85
O 2964	do.	Julius Andrae & Sons Co.....	Supplies.....	12 88
O 2965	do.	The Whitaker Paper Co.....	Paper.....	24 00
O 2966	do.	Philadelphia Storage Battery Co.....	Apparatus repairs.....	31 78
O 2967	do.	Luitwieler Pumping Engine Co.....	Machine repairs.....	40 50
O 2968	do.	Inter Ocean Oil Co.....	Oil.....	13 75
O 2969	do.	The Graham Mfg. Co.....	Key rings.....	3 43
O 2970	do.	James B. Clow & Sons.....	Plumbing materials.....	28 01
O 2971	do.	J. S. Reimund.....	Supplies.....	61 35
O 2972	do.	Twin City Creamery Co.....	Butter.....	40 20
O 2973	do.	Farrar & Quinlan.....	Supplies.....	70 38
O 2974	do.	Mrs. F. M. Sims.....	Monogram, etc.....	5 00
O 2975	do.	Merchants Transfer & Storage Co.....	Drayage.....	5 00
O 2976	do.	Twin City Electric Co.....	Eyelets.....	3 75
O 2977	do.	Chas. C. Smith.....	Office supplies.....	16 00
O 2978	do.	Electric Coal Co.....	Coal.....	155 07
O 2979	do.	Western Kieley Steam Specialty Co.....	Plumbing.....	1 57
O 2980	do.	Champaign Gazette.....	Advertising.....	15 00
O 2981	do.	Ullmann, Hoag & Davidson.....	Services.....	25 00
O 2982	do.	J. D. White, Postal clerk.....	Postage.....	500 00
O 2983	do.	R. T. Stull.....	Traveling expenses.....	38 87
O 2984	do.	H. P. Rusk.....	do.....	15 98
O 2985	do.	H. A. Hollister.....	do.....	25 67
O 2986	do.	Smith-Totman Co.....	Plumbing.....	200 00
O 2987	do.	Fred H. Rankin.....	Traveling expenses.....	81 84
O 2988	do.	Warren A. Ruth.....	do.....	42 86
O 2989	do.	G. H. Groves.....	Seed corn.....	4 00
O 2990	do.	Champaign Seed Co.....	Supplies.....	20 85
O 2991	do.	Ludwig Wilson.....	Mops, broom.....	3 88
O 2992	do.	Marshall Field & Co.....	Shades.....	7 50
O 2993	do.	Chas. Bodach & Sons.....	Wall case.....	45 50
O 2994	do.	Capt. T. G. Smith.....	Wheat straw.....	69 30
O 2995	do.	Henry M. Dunlap.....	Apples, barrels.....	22 35
O 2996	do.	Scudamore Brothers.....	Repairing harness.....	2 00
O 2997	do.	N. E. Prince Drug Co.....	Velox paper.....	2 40
O 2998	do.	A. W. Murray.....	Coal.....	16 38
O 2999	do.	A. Langhoff.....	Bulletin board.....	6 50
O 3000	do.	The Chicago Legal News Co.....	Forms.....	1 49
O 3001	do.	White Line Steam Laundry.....	Laundry.....	35 09
O 3002	do.	D. M. Sims.....	Hauling dirt.....	30 00
O 3003	do.	The Fitch Dustdown Co.....	Mops.....	24 00
O 3004	do.	Chicago Retort & Fire Brick Co.....	Tile.....	162 00
O 3005	do.	Champaign & Urbana Water Co.....	Fees.....	13 23
O 3006	do.	Federal Sign System Electric.....	Fixtures.....	6 77
O 3007	do.	Electric Coal Co.....	Coal.....	2, 809 07
O 3008	do.	D. F. McFarland.....	Traveling expenses.....	1 55
O 3009	do.	Chicago Packing House.....	Supplies.....	109 80
O 3010	do.	F. K. Robeson.....	Boots.....	10 00
O 3011	do.	E. H. Sargent & Co.....	Laboratory supplies.....	12 12
O 3012	do.	Knowlton & Bennett.....	do.....	2 35
O 3013	do.	The U. of I. Supply Store.....	Supplies.....	11 97
O 3014	do.	Bacon Brothers.....	Glass, paint.....	14 75
O 3015	do.	Leavitt Mfg. Co.....	Buckets, etc.....	39 12
O 3017	do.	General Electric Co.....	Apparatus, etc.....	202 09
O 3016	do.	Percival & Moorehead.....	Supplies.....	1 95
O 3018	do.	Woldenberg & Schaar.....	Laboratory apparatus.....	316 09
O 3019	do.	The Chester Transfer Co.....	Drayage, carriage.....	14 50
O 3020	do.	National Engraving Co.....	Etching, half-tones.....	68 35
O 3021	do.	Eisner Grocery Co.....	Supplies.....	93 66
O 3022	do.	The Chas. A. Hall Hardware Co.....	Paper holders.....	1 10

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
O 3023	Nov. 15	R. D. Swisher Mfg. Co.	Office supplies.	\$ 1 50
O 3024	..do.	Neostyle Co.	Stencils.	1 75
O 3025	..do.	F. M. Leslie.	Developing & printing.	7 80
O 3026	..do.	C. C. Short.	Iron work.	3 80
O 3027	..do.	Geo. B. Carpenter & Co.	Supplies.	38 69
O 3028	..do.	American Radiator Co.	Coils.	17 44
O 3029	..do.	W. Lewis & Co.	Supplies.	16 59
O 3030	..do.	The Tablet & Ticket Co.	Letters.	7 50
O 3031	..do.	Peck & Hills Furniture Co.	Furniture.	153 75
O 3032	..do.	Flanigan-Pearson Co.	Supplies.	12 90
O 3033	..do.	Mittendorf & Kiler.	Office equipment.	25 43
O 3034	..do.	Central Electric Co.	Supplies.	21 23
O 3035	..do.	Walker & Mulliken.	Furniture.	65 85
O 3036	..do.	John H. Doyle.	Hardware supplies.	9 86
O 3037	..do.	Barnhart Bros.	..do.	6 17
O 3038	..do.	Taylor Hardware Co.	..do.	8 35
O 3039	..do.	Western Electric Co.	Supplies.	64 72
O 3040	..do.	D. H. Lloyd.	Office supplies.	11 61
O 3041	..do.	B. A. Strauch.	Developing and printing.	25 98
O 3042	..do.	Stipes & Hecker.	Sand, gravel, cement.	32 80
O 3043	..do.	Hunter, Rourke & Co.	Lumber.	143 43
O 3044	..do.	Western Union Telegraph Co.	Message.	75
O 3045	..do.	J. W. Butler Paper Co.	Printing, etc.	24 14
O 3046	Nov. 20	O. E. Staples, Bursar.	Sundry bills paid.	154 77
O 3047	..do.	O. E. Staples, Bursar.	General labor.	201 17
O 3048	..do.	O. E. Staples, Bursar.	Student labor.	411 86
O 3049	..do.	Peter J. Kray.	Expert services.	120 00
O 3050	..do.	Illinois Traction System.	Freight.	48 78
O 3051	..do.	Wabash R. R. Co.	..do.	19 55
O 3052	..do.	Bronson Barlow.	Traveling expenses.	6 64
O 3053	..do.	Maud Parsons.	..do.	13 07
O 3054	..do.	Isabel Bevier.	..do.	4 32
O 3055	..do.	W. C. Coffey.	..do.	10 45
O 3056	..do.	United States Audit Co.	Services.	10 00
O 3057	..do.	Dr. Lee.	Grading.	32 00
O 3058	..do.	W. W. Lindley, P. M.	Postage.	2 00
O 3059	..do.	P. S. Barto.	Clerical assistance.	13 19
O 3060	..do.	F. W. Wascher.	Traveling expenses.	53 53
O 3061	..do.	C. C. Logan.	..do.	29 74
O 3062	..do.	H. C. Wheeler.	..do.	48 13
O 3063	..do.	A. S. Ambrose.	..do.	6 70
O 3064	..do.	E. G. Howe.	Traveling expenses, expert services.	19 82
O 3065	..do.	Garfield Jones.	Traveling expenses.	24 82
O 3066	..do.	W. Lincoln.	..do.	8 50
O 3067	..do.	H. A. Hollister.	..do.	19 18
O 3068	..do.	Commercial Telephone & Telegraph Co.	Service.	5 80
O 3069	..do.	G. W. Sheldon & Co.	Charges.	5 45
O 3070	..do.	The American Chemical Society.	Reprints.	2 00
O 3071	..do.	Soft Water Laundry.	Laundering.	1 12
O 3072	..do.	J. M. Lindgren.	Analysis.	15 00
O 3073	..do.	Carbondale Printing Co.	Printing.	6 00
O 3074	..do.	Astrid S. Rosing.	Drain tile.	112 80
O 3075	..do.	C. M. Johnson.	Material and labor.	5 05
O 3076	..do.	Flora Lumber Co.	Lumber.	2 75
O 3077	..do.	Federal Foundry Supply Co.	Laboratory supplies.	13 26
O 3078	..do.	The Carborundum Co.	Laboratory apparatus.	19 95
O 3079	..do.	Billings & Spencer Co.	..do.	32 95
O 3080	..do.	The W. S. Tyler Co.	Blotting paper.	1 04
O 3081	..do.	Norton Co.	Alundum.	15 00
O 3082	..do.	Gustave H. Michel.	Charts.	6 00
O 3083	..do.	John B. Bennett.	Pipe.	2 25
O 3084	..do.	Southern Illinois Penitentiary.	General supplies.	4 90
O 3085	..do.	People's Cooperative Co.	Gasoline.	1 00
O 3086	..do.	Watson Faulkner.	Ginger.	1 00
O 3087	..do.	A. H. Barber Creamery Supply Co.	Laboratory supplies.	13 01
O 3088	..do.	Howell's Microcosm.	Relief model.	40 00
O 3089	..do.	Illinois Electric Co.	Protectors.	12 00
O 3090	..do.	Western Valve Co.	Plumbing.	6 06
O 3091	..do.	Henry F. Michell Co.	Nursery stock.	2 50
O 3092	..do.	Independent Pneumatic Tool Co.	Laboratory apparatus.	3 75
O 3093	..do.	Machinists Supply Co.	Figures, letters.	6 12
O 3094	..do.	H. McGlade.	Repairing.	12 50
O 3095	..do.	J. Bishop & Co., Platinum Works.	..do.	23 08
O 3096	..do.	The Roessler & Hasslacher Chemistry Co.	Chemicals.	25 00
O 3097	..do.	Twin City Electric Co.	Materials.	5 15
O 3098	..do.	Tower Mfg. & Novelty Co.	Office supplies.	22 86

OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
	1913.			
O 3099	Nov. 20	J. D. White, Postal Clerk.....	Postage.....	\$200 00
O 3100	..do....	Browne-Morse Co.....	Supplies.....	46 32
O 3101	..do....	John Y. Chisholm, Phoenix Nursery Co.	Nursery stock.....	16 07
O 3102	..do....	R. C. Wagner & Son.....	Labor, hauling.....	7 50
O 3103	..do....	R. H. Linkins.....	Laboratory supplies.....	25 00
O 3104	..do....	James H. Rice Co.....	Furniture.....	50 70
O 3105	..do....	Wm. W. Coblentz.....	Laboratory apparatus.....	45 00
O 3106	..do....	Kimble-Durand Glass Co.....	..do.....	18 38
O 3107	..do....	Federal Steel Fixture Co.....	Shelving.....	31 00
O 3108	..do....	Jos. T. Ryerson & Son.....	Laboratory supplies.....	45 00
O 3109	..do....	Chas. K. Schweizer Co.....	Figures.....	1 02
O 3110	..do....	Whitall Tatum Co.....	Laboratory supplies.....	2 25
O 3111	..do....	G. C. Willis.....	Blankets.....	10 41
O 3112	..do....	Dallenbach Bros.....	Meat.....	1 48
O 3113	..do....	University of Chicago Press.....	Reprints, etc.....	1 40
O 3114	..do....	Harris-Dillavou & Co.....	Charcoal.....	3 00
O 3115	..do....	Estate Edward R. Ladew.....	Laboratory supplies.....	9 32
O 3116	..do....	Western Carbon & Ribbon Co.....	Carbon paper.....	31 20
O 3117	..do....	The Weis Mfg. Co.....	Office supplies.....	10 45
O 3118	..do....	H. L. Bockfinger.....	Rubber bands.....	6 60
O 3119	..do....	Becker Milling Machine Co.....	Laboratory apparatus.....	14 75
O 3120	..do....	Vaughan's Seed Store.....	Supplies.....	12 00
O 3121	..do....	J. Horace McFarland Co.....	Lantern slides.....	29 40
O 3122	..do....	Novo Engine Co.....	Machine.....	18 45
O 3123	Nov. 21	J. A. Peirce.....	Labor.....	3 40
O 3124	..do....	Beers & Clinkenbeard.....	Permiuims.....	15 00
O 3125	..do....	Oldham Brothers.....	Water glass.....	4 50
O 3126	..do....	Z. R. Genung.....	Live stock.....	475 00
O 3127	..do....	J. T. Baker Chemical Co.....	Chemicals.....	24 60
O 3128	..do....	The American Multigraph Sales Co.....	Equipment, repairs.....	7 82
O 3129	..do....	John Reichard.....	Corn.....	699 38
O 3130	..do....	World's Scrap Book & Envelope Co.....	Scrap book.....	5 70
O 3131	..do....	Kalamazoo Multicopy Co.....	Office supplies.....	6 35
O 3132	..do....	Dean Bros. Steam Pump Works.....	Machinery.....	39 50
O 3133	..do....	Tuttle & Clark.....	Blankets.....	14 40
O 3134	..do....	E. R. Roysdon.....	Moving barn and shed.....	45 00
O 3135	..do....	American Blower Co.....	Laboratory apparatus.....	160 00
O 3136	..do....	W. D. Allen Mfg. Co.....	Apparatus.....	253 85
O 3137	..do....	American-LaFrance Fire Engine Co.....	Fire extinguishers.....	12 20
O 3138	..do....	American Radiator Co.....	Valves.....	16 38
O 3139	..do....	American Steam Pump Co.....	Vacuum pump.....	20 40
O 3140	..do....	T. J. Colvin.....	Meat.....	2 44
O 3141	..do....	The Dixie Music House.....	Repairs.....	57 70
O 3142	..do....	F. M. Leslie.....	Supplies.....	59 85
O 3143	..do....	The Western Electric Co.....	Electrical supplies.....	2 50
O 3144	..do....	Williams Bros.....	Enamel.....	6 60
O 3145	..do....	E. M. Moll.....	Repairs.....	6 65
O 3146	..do....	C., C., C. & St. L. Ry. Co.....	Freight.....	44 10
O 3147	..do....	Central Union Telephone Co.....	Service.....	67 40
O 3148	..do....	Western Union Telephone Co.....	..do.....	29 34
O 3149	..do....	Western Union Telegraph Co.....	..do.....	10 92
O 3150	..do....	Postal-Telegraph-Cable Co.....	..do.....	2 85
O 3151	..do....	B. A. Strauch.....	Supplies.....	78 72
O 3152	..do....	U. of I. Supply Store.....	..do.....	19 03
O 3153	..do....	Alexander Lumber Co.....	Lumber.....	8 10
O 3154	..do....	Champaign Steam Laundry.....	Laundry.....	29 46
O 3155	..do....	Chester Transfer Co.....	Horseshoeing, cabs.....	26 00
O 3156	..do....	M. A. Donohue & Co.....	Supplies.....	70 50
O 3157	..do....	D. T. Dobbins.....	Grinding.....	10 09
O 3158	..do....	E. A. Eichhorst.....	Repairs.....	16 55
O 3159	..do....	Gym Store.....	Apparatus, supplies.....	25 00
O 3160	..do....	Hunter, Rourke & Co.....	Flooring, lumber.....	126 51
O 3161	..do....	Knowlton & Bennett.....	Supplies.....	7 20
O 3162	..do....	W. Lewis & Co.....	Cheese cloth.....	4 25
O 3163	..do....	McIntosh Stereopticon Co.....	Slide case, etc.....	10 38
O 3164	..do....	Metzler & Schafer Co.....	Flour, soap.....	5 90
O 3165	..do....	Louis F. Nafis.....	Laboratory supplies.....	21 25
O 3166	..do....	National Engraving Co.....	Zinc etchings.....	13 85
O 3167	..do....	Spalding & Quirk.....	Laboratory supplies.....	28 32
O 3168	..do....	Taylor Hardware Co.....	Hard ware supplies.....	17 35
O 3169	..do....	Standard Oil Co.....	Supplies.....	2 75
O 3170	..do....	Remington Typewriter Co.....	Machines, repairs.....	144 00
O 3171	..do....	E. H. Sargent & Co.....	Laboratory supplies.....	4 63
O 3172	..do....	C. C. Short.....	Horseshoeing.....	4 00
O 3173	..do....	Twin City Roofing & Sheet Metal Works	Labor, material.....	31 75
O 3174	..do....	Urbana Courier-Herald.....	Printing.....	36 75
O 3175	..do....	Champaign News.....	Advertising.....	69
O 3176	..do....	A. C. McClurg & Co.....	Office supplies.....	71 09
O 3177	..do....	The Creamery Package Mfg. Co.....	Supplies, repairs.....	43 58

OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
1913.				
O 3178	Nov. 21	Central Electric Co.	Laboratory supplies	\$ 22 61
O 3179	do.	Twin City Printing Co.	Supplies	6 55
O 3180	do.	John H. Doyle.	Hardware supplies	18 05
O 3181	do.	Corbin Cabinet Lock Co.	Keys.	30 94
O 3182	do.	Twin City Roofing & Sheet Metal Works	Repairs	5 92
O 3183	do.	G. E. Stechert & Co.	Books	99
O 3184	do.	G. C. Willis.	Grain bags.	1 50
O 3185	do.	Reliable Plumbing & Heating Co.	Laboratory apparatus	11 12
O 3186	do.	Oldham Bros.	Rubber gloves	1 00
O 3187	do.	H. W. Johns-Manville Co.	Asbestos.	4 27
O 3188	do.	Eugene Dietzgen Co.	Paper	6 48
O 3189	do.	Eisner Grocery Co.	Salt	2 60
O 3190	do.	Frison Brothers.	Repairs	
O 3191	do.	T. J. Colvin.	Beef	3 00
O 3192	do.	J. W. Butler Paper Co.	Paper	250 27
O 3193	do.	Keuffel & Esser Co.	Paper, etc.	116 31
O 3194	do.	D. H. Lloyd.	Office supplies	156 77
O 3195	do.	The Burr Co.	Foundry work	119 04
O 3196	do.	Ideal Electric Co.	Electrical supplies	39 01
O 3197	do.	Illinois State Reformatory	Printing	205 00
O 3198	do.	Woldenberg & Schaar	Laboratory apparatus	294 56
O 3199	do.	Peck & Hills Furniture Co.	Furniture	83 50
O 3200	do.	Geo. Banta Publishing Co.	Reprints	35 15
O 3201	do.	Mittendorf & Klier.	Files	234 99
O 3202	do.	P. S. Campbell.	Printing	12 25
O 3203	do.	Bryan-Marsh Electric Works.	Lamps	95 28
O 3204	do.	Leavitt Mfg. Co.	Foundry work	57 10
O 3205	do.	Stipes & Hecker.	Sand, gravel, cement	43 88
O 3206	do.	Crane Co.	Plumbing	133 46
O 3207	do.	Chas. A. Hall Hardware Co.	Supplies	5 00
O 3208	do.	Physicians' Supply & Drug Co.	Laboratory supplies	15 68
O 3209	do.	Geo. E. Brown & Co.	Printing	252 95
O 3210	do.	Illinois State Reformatory	do.	31 10
O 3211	do.	V. Mueller & Co.	Laboratory apparatus	332 55
O 3212	do.	A. Daigger & Co.	do.	320 99
O 3213	do.	Cameron, Amberg & Co.	Printing	60 70
O 3214	do.	Marshall Field & Co.	Linoleum	197 01
O 3215	do.	Crane Co.	Plumbing materials	5 00
O 3216	do.	A. C. McClurg & Co.	Supplies	32 77
O 3217	do.	Morrison, Plummer & Co.	Laboratory supplies	88 67
O 3218	do.	Ahrens & Schreiner	do.	6 53
O 3219	do.	The Peoples Gas Light & Coke Co.	Gas	32 96
O 3220	do.	Chicago Towel Co.	Supplies	42 16
O 3221	do.	Bacon Bros.	Glass	60
O 3222	do.	Barnhart Bros.	Supplies	4 30
O 3223	do.	F. E. Roach.	Furnace, etc.	46 20
O 3224	do.	C. L. Frame Dental Supply Co.	Laboratory apparatus	31 92
O 3225	do.	The Ritter Dental Supply House.	do.	299 25
O 3226	do.	E. H. Sargent & Co.	Laboratory supplies	1 65
O 3227	do.	H. W. Johns-Manville Co.	Supplies	4 50
O 3228	do.	The Inner Braced Furniture Co.	Furniture	46 89
O 3229	do.	Ogden Livery & Teaming Co.	Hauling	40 00
O 3230	do.	G. Cramer Dry Plate Co.	Laboratory supplies	56 31
O 3231	do.	Maas Brothers.	Supplies	60 71
O 3232	do.	The Globe-Wernicke Co.	Folders	12 50
O 3233	do.	Chicago Watchman's Clock Works.	Furniture	60 00
O 3234	do.	H. D. Oberdorfer.	Traveling expenses	14 09
O 3235	do.	Goodhart's Laundry	Laundry	56 86
O 3236	do.	Hamblin Plumbing Co.	Repairs	16 81
O 3237	do.	Chicago Telephone Co.	Service	15 52
O 3238	do.	H. M. Hooker Co.	Glass	12 00
O 3239	do.	The Star Oil Co.	Oil	16 50
O 3240	do.	Wanner Machinery Co.	Supplies	81 20
O 3241	do.	McDonough & Co.	Books	5 00
O 3242	do.	W. W. Cram.	Repairs	32 50
O 3243	do.	Kasen's Express & Van Co.	Freight, hauling	15 20
O 3244	do.	Butler St. Foundry & Iron Co.	Frame	1 50
O 3245	do.	Riddiford Bros.	Janitors' supplies	33 60
O 3246	do.	Colonial Hospital Supply Co.	Gloves	10 00
O 3247	do.	F. G. Hartwell Co.	Coal	148 34
O 3248	do.	Western Fuel Co.	do.	195 53
O 3249	do.	Arthur Ochs.	Painting	52 00
O 3250	do.	McIntosh Stereopticon Co.	Slides	52 50
O 3251	do.	Geo. M. Layman.	Poultry	50 00
O 3252	do.	Williams Bros.	Labor, materials	28 91
O 3253	do.	Whiting Paper Co.	Paper	58 80
O 3254	do.	H. W. Elliott.	Calves	2, 133 62
O 3255	do.	J. W. Dunlap	Mason work	17 65
O 3256	do.	E. H. Swigert.	Piano tuning, repairs	39 50

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1913.				
O 3257	Nov. 21	H. L. Bockfinger.....	Rubber bands.....	\$ 8 25
O 3258	..do....	Ennis Hay Co.....	Alfalfa.....	235 63
O 3259	..do....	Durand Steel Locker Co.....	Lockers.....	43 20
O 3260	..do....	R. S. Fitch.....	Laboratory supplies.....	12 50
O 3261	..do....	The Coast Products Co.....	Supplies.....	114 55
O 3262	..do....	Federal Sign System.....	Fixtures.....	31 27
O 3263	..do....	Guy E. Smith.....	Live stock.....	60 00
O 3264	..do....	J. D. Spangler.....	Apparatus.....	20 00
O 3265	..do....	G. A. Garrison.....	Road grader.....	45 00
O 3266	..do....	Houser & Sutton.....	Clover hay.....	951 76
O 3267	..do....	Howard C. Butler.....	Specimens.....	13 00
O 3268	..do....	C. S. Hill.....	Plano tuning.....	2 00
O 3269	..do....	E. C. Faust.....	Laboratory supplies.....	5 50
O 3270	..do....	Standard Underground Cable Co.....	Cable.....	542 00
O 3271	Nov. 22	Pay roll.....	November, 1913.....	3,876 56
		Schultze, S. George.....	Salary, November, 1913 \$ 35 00	
		Burmeister, W. H.....	..do.....	166 66
		Dreyer, George P.....	..do.....	41 66
		Dreyer, George P.....	..do.....	291 66
		Eycleshymer, A. C.....	..do.....	416 66
		Fantus, Bernard.....	..do.....	166 66
		Gardner, Stella.....	..do.....	83 33
		Gehrman, Adolph.....	..do.....	66 66
		Hakenson, Eric Gosta.....	..do.....	30 00
		Haskell, J. E.....	..do.....	50 00
		Jones, T. S.....	..do.....	108 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
		Small, J. C.....	..do.....	50 00
		Welker, W. H.....	..do.....	208 33
		Bartlett, Dr. Frank Kalser.....	..do.....	180 00
		Siegbahn, Nils.....	..do.....	60 00
		Gaffney, Carl O.....	..do.....	65 00
		Davis, D. J.....	..do.....	416 66
		Falls, Frederick H.....	..do.....	50 00
		Bake, L. E.....	..do.....	66 66
		Bernard, F. S.....	..do.....	40 00
		Coolidge, E. D.....	..do.....	83 33
		Dittmar, Walter.....	..do.....	83 33
		Dittmar, G. W.....	..do.....	16 66
		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.....	83 33
		Moorehead, F. B.....	..do.....	83 33
		Noyes, F. B.....	..do.....	83 33
		Schultz, Louis.....	..do.....	33 33
		Starr, S. P.....	..do.....	66 66
O 3272	..do....	Pay roll.....	November, 1913.....	45 00
		Hiskey, George M.....	Salary, November, 1913.....	45 00
O 3273	..do....	Pay roll (civil service employees).....	November, 1913.....	162 50
		Healan, Louise B.....	Wages, November, 1913.....	50 00
		Ritter, Sarah M.....	..do.....	42 50
		Klena, Joseph.....	..do.....	70 00
O 3274	..do....	Pay roll (civil service employees).....	November, 1913.....	1,163 30
		Arneson, Mabel.....	Salary, November, 1913.....	60 00
		Browne, W. H.....	..do.....	250 00
		Cole, H. W.....	..do.....	60 00
		Coles, B. D.....	..do.....	50 00
		Froberg, Eric.....	..do.....	60 00
		Hwasser, Anna Julia.....	..do.....	18 30
		Southwell, James.....	..do.....	115 00
		Tomlinson, J. S.....	..do.....	100 00
		Schur, Raymond.....	..do.....	40 00
		Allen, Josephine.....	..do.....	55 00
		Bolan, Anna R.....	..do.....	60 00
		David, Eshoo.....	..do.....	45 00
		Loomis, Metta.....	..do.....	75 00
		North, J. W.....	..do.....	70 00
		Gubbins, Maud.....	..do.....	60 00
		David, Paul.....	..do.....	45 00
O 3275	..do....	Pay roll (civil service employees).....	November, 1913.....	441 65
		Badel, Nathan.....	Wages, November, 1913.....	50 00
		Gelda, Isak.....	..do.....	50 00
		Tomek, Gertrude.....	..do.....	60 00
		Anderson, Frank H.....	..do.....	53 32

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 3275 <i>Cld.</i>	1913. Nov. 22	Behegan, Michael J.	Wages, November, 1913	\$42 00
		David, Simon	do.	50 00
		George, Ella	do.	50 00
		Josefson, George	do.	18 33
		Kastanes, John	do.	50 00
O 3276	do.	Watson, Ethel Eva	do.	18 00
O 3277	do.	J. D. White, Postal clerk	Postage, etc.	\$609 68
O 3278	do.	Florence H. Richards	Lecture	150 00
O 3279	do.	Mrs. F. M. Sims	Expert services	5 00
O 3280	do.	F. M. Leslie	Plaster casts	37 50
O 3281	do.	Well Brothers	Jute packing	5 28
O 3282	do.	Monash-Younger Co.	Keys	2 45
O 3283	do.	S. V. Holt	Traveling expenses	104 65
O 3284	do.	J. S. Mosier	do.	48 11
O 3285	do.	C. C. Logan	do.	19 82
O 3286	do.	F. W. Washer	do.	56 81
O 3287	do.	H. C. Wheeler	do.	45 78
O 3288	do.	C. C. Chapman	do.	4 49
O 3289	do.	Geo. B. Brown	Rent	20 00
O 3290	do.	L. A. Hunter	Traveling expenses	8 83
O 3291	do.	Wilhelm Miller	do.	28 59
O 3292	do.	C. E. Durst	do.	11 84
O 3293	do.	O. S. Watkins	do.	11 57
O 3294	do.	O. S. Watkins	Field expenses	56 38
O 3295	do.	M. E. Jahr	Traveling expenses	7 40
O 3296	do.	Ralph Chaplin	Field expenses	9 60
O 3297	do.	E. Davenport	Traveling expense	78 26
O 3298	do.	The Goodline Mfg. Co.	Guides	8 00
O 3299	do.	E. A. Wilcox Mfg. Co.	Gaskets	3 02
O 3300	do.	Williams Bros.	Glass	10 00
O 3301	do.	R. C. Wagner	Grading	9 25
O 3302	do.	Vaughan's Seed Store	Supplies	4 50
O 3303	do.	J. M. Thorburn & Co.	Laboratory supplies	1 80
O 3304	do.	Gould Storage Battery Co.	Laboratory apparatus	2 68
O 3305	do.	The Frederick Post Co.	Supplies	13 20
O 3306	do.	Rand, McNally & Co.	Map	1 62
O 3307	do.	The John J. Crooke Co.	Tinfoil	16 59
O 3308	do.	R. C. Wagner & Son	Coal	8 51
O 3309	do.	Ingram-Richardson Mfg. Co.	Table top	11 56
O 3310	do.	Ernst Leltz	Laboratory apparatus	21 25
O 3311	do.	The Illinois Printing Co.	Printing	11 50
O 3312	do.	Sanford E. Thompson	Laboratory apparatus	7 89
O 3313	do.	Uni-File Mfg. Co.	Cabinets	92 00
O 3314	do.	Jesse Jones Paper Box Co.	Boxes	32 00
O 3315	do.	Federal Chemical Co.	Supplies	274 00
O 3316	do.	Albert Pick & Co.	Apparatus, supplies	33 01
O 3317	do.	Geo. E. Amsbary	Wheat bran	3 00
O 3318	do.	W. T. Robinson	Printing	2 00
O 3319	do.	E. S. Lyons	Straw	18 85
O 3320	do.	Pattengale Bros.	Meal	2 00
O 3321	do.	Metzler & Schafer Co.	Groceries	116 19
O 3322	do.	A. S. Nelson & Sons	do.	1 35
O 3323	do.	Dricer-Harris Wire Co.	Wire	8 05
O 3324	do.	George Cutter Co.	Switchboard	90 00
O 3325	Nov. 25	Johnson Bros.	Plumbing supplies	80 66
O 3326	do.	American Steam Pump Co.	Pump repairs	72 00
O 3327	do.	Secretary of State	Copy of bill	1 50
O 3328	do.	Soft Water Laundry	Laundering	1 12
O 3329	do.	Frank A. Somers	Labor, material	18 45
O 3330	do.	Urbana Courier Co.	Printing	12 50
O 3331	do.	National X-Ray Reflector Co.	Apparatus	34 50
O 3332	do.	Progressive Construction Co.	Concrete walk	42 00
O 3333	do.	The Carson-Payson Co.	Plumbing materials	8 10
O 3334	do.	Sanford Mfg. Co.	Office supplies	45 13
O 3335	do.	Western Carbon & Ribbon Co.	Ribbons	8 14
O 3336	do.	Tower Mfg. & Novelty Co.	Office supplies	51 52
O 3337	do.	Fuller & Fuller Co.	Laboratory supplies	31 80
O 3338	do.	J. F. Peterson	Lunches	3 00
O 3339	do.	Augusta D. Evans	Traveling expenses	13 82
O 3340	do.	Bausch & Lomb Optical Co.	Laboratory supplies	96 35
O 3341	do.	Champaign Bottling Works	do.	2 00
O 3342	do.	The Roessler & Hasslacher Chemical Co.	do.	13 30
O 3343	do.	Westinghouse Electric & Mfg. Co.	Laboratory apparatus	14 85
O 3344	do.	Hoskins Mfg. Co.	Repairs	2 30
O 3345	do.	Barbed Wire & Iron Works	Wire cages	10 00
O 3346	do.	Armour Glue Works	Glue	54 36
O 3347	do.	(Various school superintendents)	Copying lists	11 10
O 3348	do.	National Biscuit Co.	Supplies	1 62
O 3348	do.	Jewell Belting Co.	do.	19 60

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
O 3349	Nov. 25	The Ludlow Valve Mfg. Co. ....	Plumbing supplies.....	\$ 170 29
O 3350	do.	Harris & Mead .....	Supplies.....	1 05
O 3351	do.	Hinds, Noble & Eldredge.....	Book.....	1 60
O 3352	do.	Ernst Lettz.....	Laboratory apparatus.....	1,293 60
O 3353	do.	The University Press.....	Card board.....	1 25
O 3354	do.	Morrison, Plummer & Co.....	Laboratory supplies.....	1 00
O 3355	do.	John V. Farwell Co.....	do.....	5 75
O 3356	do.	Fairbanks, Morse & Co.....	do.....	17 00
O 3357	do.	Carson, Pirle, Scott & Co.....	Plates.....	1 80
O 3358	do.	The Adder Machine Co.....	Ribbons.....	1 50
O 3359	do.	Poster Advertising Co.....	Advertising.....	5 25
O 3360	do.	Commercial Telephone & Telegraph Co.	Service.....	6 00
O 3361	do.	Flora Lumber Co.....	Lumber.....	6 55
O 3362	do.	M. S. Wyman.....	Shoeing horses.....	3 00
O 3363	do.	Alex. Harmon & Son.....	Shoeing, repairs.....	16 35
O 3364	do.	A. Pickering & Son.....	Labor, material.....	3 00
O 3365	do.	H. N. Parker.....	Traveling expenses.....	25 69
O 3366	do.	Frank Turner.....	do.....	5 04
O 3367	do.	E. A. Holbrook.....	do.....	2 52
O 3368	do.	G. W. Sheldon & Co.....	Freight and charges.....	14 36
O 3369	do.	Frank Zercher.....	Materials.....	3 50
O 3370	do.	Eugene Dietzgen Co.....	Supplies.....	15 70
O 3371	do.	Standard Oil Co.....	Oil.....	59 55
O 3372	do.	Pay roll.....	November, 1913.....	62 50
		Williams, A. E.....	Salary, Nov. 15-30, 1913.	\$62 50
O 3373	do.	Pay roll.....	November, 1913.....	6,059 25
		Andrews, J. B.....	Wages, November, 1913	\$ 50 00
		Ansen, Julius.....	do.....	50 00
		Badges, C. J.....	do.....	40 00
		Beaumont, G. S.....	do.....	45 00
		Bennett, W. L.....	do.....	70 00
		Burwash, A. E.....	do.....	55 00
		Bunch, Mamie.....	do.....	90 00
		Burdick, I. F.....	do.....	75 00
		Campbell, C. A.....	do.....	65 00
		Carlson, M. R.....	do.....	40 00
		Cate, H. A.....	do.....	70 00
		Chapman, C. C.....	do.....	100 00
		Crouch, H. E.....	do.....	115 00
		DeWett, J. H.....	do.....	55 00
		Dunlap, B. H.....	do.....	60 00
		Engle, Ralph.....	do.....	30 00
		Engle, W. J.....	do.....	70 00
		Fullenwider, T.....	do.....	55 00
		Garver, Earl.....	do.....	65 00
		Grantham, G. M.....	do.....	50 00
		Hampton, John.....	do.....	65 00
		Harry, W. L.....	do.....	83 33
		Hunter, L. A.....	do.....	75 00
		Jensen, C. C.....	do.....	55 00
		Jones, Garfield.....	do.....	65 00
		Lankford, John.....	do.....	60 00
		Lawson, H. C.....	do.....	55 00
		Lindgren, J. M.....	do.....	25 00
		Mann, W. J.....	do.....	58 33
		Onimette, N. H.....	do.....	50 00
		Palfrey, J. R.....	do.....	75 00
		Pine, Fred.....	do.....	75 00
		Reed, Alice.....	do.....	55 00
		Rigg, C. L.....	do.....	40 00
		Romine, J. F.....	do.....	40 00
		Sims, Flora M.....	do.....	83 33
		Smith, J. F.....	do.....	70 00
		Stark, R. W.....	do.....	75 00
		Torgerson, E. F.....	do.....	50 00
		Tornqvist, Andrew.....	do.....	75 00
		Walters, Philip.....	do.....	75 00
		Argo, Roy.....	do.....	55 00
		Barto, Lucy M.....	do.....	20 00
		Chaplin, Ralph.....	do.....	60 00
		Conley, M. J.....	do.....	75 00
		Cook, Jesse.....	do.....	55 00
		Crawford, T. P.....	do.....	50 00
		Foor, H.....	do.....	55 00
		Goodspeed, W. S.....	do.....	83 33
		Harrolle, Claude.....	do.....	40 00
		Hough, William.....	do.....	83 33
		Jenkins, Elmer.....	do.....	60 00
		Kelley, J. R.....	do.....	57 50

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 3373 Cld.	1913. Nov. 25	McIntire, W. A. ....	Wages, November, 1913	\$50 00
		Meenach, Earl. ....	do.	65 00
		Meenach, O. E. ....	do.	10 00
		Moore, P. O. ....	do.	47 50
		Morgan, J. E. ....	do.	15 00
		Patterson, Will. ....	do.	50 00
		Pergande, R. ....	do.	95 00
		Pritchard, H. ....	do.	65 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
		Swearingen, Daisy O. ....	do.	50 00
		Wilson, R. W. ....	do.	65 00
		Atkinson, O. G. ....	do.	47 50
		Brown, C. F. ....	do.	45 00
		Browne, E. J. ....	do.	45 00
		Brayles, W. H. ....	do.	45 00
		Coffey, J. H. ....	do.	50 00
		Conrad, Emma. ....	do.	35 00
		Cummings, J. S. ....	do.	45 00
		Curry, Florence J. ....	do.	30 00
		Dale, Fred. ....	do.	50 00
		Engle, Lawrence. ....	do.	25 00
		Grabbe, Florence H. ....	do.	50 00
		Hamlin, Clyde. ....	do.	50 00
		Hamm, Charles. ....	do.	47 50
		Hamlin, Hiram. ....	do.	43 33
		Ham, Raymond. ....	do.	47 00
		Heath, William. ....	do.	50 00
		Herbert, J. J. ....	do.	85 00
		Jensen, George. ....	do.	47 50
		Lankford, R. A. ....	do.	45 00
		Lowery, Kathryn. ....	do.	50 00
		McQueen, H. D. ....	do.	47 50
		Marshall, Samuel A. ....	do.	20 77
		Miller, W. W. ....	do.	75 00
		Mink, George. ....	do.	47 50
		Mink, J. D. ....	do.	50 00
		Moore, H. E. ....	do.	50 00
		Nesbit, Lawrence. ....	do.	50 00
		Pergande, Charles Glinn. ....	do.	39 00
		Peterson, A. C. ....	do.	47 50
		Proesel, William. ....	do.	50 00
		Redman, Louise E. ....	do.	60 00
		Reynolds, Elizabeth Mrs. ....	do.	45 00
		Sanders, J. F. ....	do.	47 50
		Shaffer, Guy. ....	do.	50 00
		Shipman, Cash. ....	do.	45 00
		Shue, Lizzie B., Mrs. ....	do.	40 00
		Stives, M. F. ....	do.	45 00
		Anderson, J. C. ....	do.	70 00
		Clarke, Ethel. ....	do.	35 00
		Diekman, T. W. ....	do.	65 00
		Glover, R. C. ....	do.	50 00
		Johns, W. E. ....	do.	37 50
		Stoutzenberg, Florence. ....	do.	25 00
O 3374	do.	Bacon Bros. ....	Supplies. ....	\$ 14 33
O 3375	do.	Ideal Electric Co. ....	do.	33 60
O 3376	do.	W. W. Walls & Co. ....	Lumber. ....	6 38
O 3377	do.	The Chas. A. Hall Hardware Co. ....	Hardware supplies. ....	4 20
O 3378	do.	Knowlton & Bennett. ....	Glass. ....	2 70
O 3379	do.	S. E. Huff & Co. ....	Labor, material. ....	15 05
O 3380	do.	A. B. Dick Co. ....	Office supplies. ....	54 45
O 3381	do.	Underwood Typewriter Co. ....	Machine, paper. ....	102 75
O 3382	do.	Hektograph Mfg. & Duplicator Co. ....	Duplicator refilled. ....	7 00
O 3383	do.	Chester Transfer Co. ....	Horseshoeing, etc. ....	53 89
O 3384	do.	J. W. Butler Paper Co. ....	Paper. ....	188 25
O 3385	do.	P. S. Campbell. ....	Printing. ....	55 25
O 3386	do.	Hunter, Rourke & Co. ....	Lumber. ....	16 15
O 3387	do.	G. C. Willis. ....	Supplies. ....	5 60
O 3388	do.	H. Mueller Mfg. Co. ....	do.	1 25
O 3389	do.	Bryan-Marsh Electric Works. ....	Lamps. ....	71 00
O 3390	do.	F. J. Burns & Co. ....	Turtles. ....	5 00
O 3391	do.	W. Lewis & Co. ....	Toweling. ....	2 37
O 3392	do.	James B. Clow & Sons. ....	Supplies. ....	26 70
O 3393	do.	Elsner Grocery Co. ....	Groceries. ....	24 63
O 3394	do.	Chas. C. Smith. ....	Signals. ....	2 08



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
O 3395	Nov. 25	Oldham Bros.	Supplies.	\$ 2 00
O 3396	do.	Rockwell Barnes Co.	Books.	5 70
O 3397	do.	National Blank Book Co.	Rings.	2 23
O 3398	do.	H. L. Bookfinger.	Rubber bands.	6 60
O 3399	do.	H. W. Johns-Manville Co.	Laboratory apparatus.	151 83
O 3400	do.	Central Electric Co.	Supplies.	96 97
O 3401	do.	John H. Doyle.	Hardware.	7 95
O 3402	do.	Mittendorf & Kiler.	Shades, furniture.	104 04
O 3403	do.	Twin City Roofing Co.	Labor, material.	26 53
O 3404	do.	D. H. Loyde.	Supplies.	37 92
O 3405	do.	Taylor Hardware Co.	do.	37 56
O 3406	do.	Western Electric Co.	Electric supplies.	95 04
O 3407	do.	Percival & Moorehead.	Supplies.	49 51
O 3408	do.	Woldenberg & Schaar.	Laboratory supplies.	265 46
O 3409	do.	Hibbard, Spencer, Bartlett & Co.	Supplies.	1 57
O 3410	do.	Keuffel & Esser Co.	do.	25 43
O 3411	do.	Illinois State Reformatory.	Printing.	128 75
O 3412	do.	Jas. H. Rice Co.	Glass.	10 93
O 3413	do.	Dallenbach Bros.	Meat.	67 83
O 3414	do.	Scientific Materials Co.	Laboratory apparatus.	160 66
O 3415	do.	The Storrs & Harrison Co.	Nurse's stock.	156 37
O 3416	do.	Benjamin & Wilson.	Horseshoeing.	27 50
O 3417	do.	B. F. Stevenson & Son.	Supplies.	8 46
O 3418	do.	Derrough & Co.	do.	4 50
O 3419	do.	Bennett's Newspaper & Magazine Agency	Subscriptions.	1,122 35
O 3420	do.	Irving-Pitt Mfg. Co.	Binders.	1 66
O 3421	do.	Sprague, Warner & Co.	Supplies.	10 50
O 3422	do.	E. H. Sargent & Co.	Laboratory supplies.	3 02
O 3423	do.	Stebbins Hardware Co.	Ladders, etc.	5 40
O 3424	do.	V. Mueller & Co.	Laboratory apparatus.	54 51
O 3425	do.	H. M. Hooker Co.	Glass, etc.	15 80
O 3426	do.	A. C. McClurg & Co.	Equipment.	2 31
O 3427	do.	Morrisson, Plummer & Co.	Laboratory supplies.	263 64
O 3428	do.	C. L. Frame Dental Supply Co.	Supplies.	38 84
O 3429	do.	Crane Co.	Materials.	298 68
O 3430	do.	Twin City Printing Co.	Printing.	44 65
O 3431	do.	Mittendorf & Kiler.	Linoleum.	56 15
O 3432	do.	Flanigan-Pearson Co.	Printing.	189 96
O 3433	do.	The U. of I. Supply Store.	Office supplies.	36 38
O 3434	do.	E. H. Sargent & Co.	Laboratory supplies.	39 71
O 3435	do.	Leavitt Mfg. Co.	Labor, materials.	40 18
O 3436	do.	Peck & Hills Furniture Co.	Desks, etc.	149 56
O 3437	do.	John Davis.	Books.	5 67
O 3438	do.	Heath & Milligan Mfg. Co.	Supplies.	6 30
O 3439	Nov. 26	Jacobus Printing Co.	Card board.	2 00
O 3440	do.	Neostyle Co.	Stencil.	10 50
O 3441	do.	Underwood Typewriter Co.	Repairs.	5 00
O 3442	do.	Colonial Hospital Supply Co.	Laboratory supplies.	45 75
O 3443	do.	Spencer Lens Co.	do.	250 00
O 3444	do.	Whitall-Tatum Co.	do.	68 64
O 3445	do.	International Magazine Co.	Subscriptions.	1 25
O 3446	do.	The Chinese Students' Monthly.	do.	1 00
O 3447	do.	Com. W. H. Beehler, U. S. Navy.	Book.	1 00
O 3448	do.	Max Weg.	Books.	50 00
O 3449	do.	W. H. Pearce & Co.	Freight agents.	3 24
O 3450	do.	Steel & Lawson.	Laboratory supplies.	1,003 55
O 3451	do.	Equitable Surety Co.	Bond.	5 00
O 3452	do.	Maas Brothers.	Supplies.	71 11
O 3453	do.	The Van Everen Co.	Gummed labels.	4 00
O 3454	do.	Illinois Tree Expert Co.	Tree surgery.	684 41
O 3455	do.	J. P. Weaver.	Corn boxes.	34 00
O 3456	do.	Merck & Co.	Laboratory supplies.	8 76
O 3457	do.	Ernst Leitz.	Laboratory apparatus.	222 25
O 3458	do.	D. T. Dobbins.	Grinding corn.	4 25
O 3459	do.	Henry J. Green.	Thermometers.	8 33
O 3460	do.	Doubleday, Page & Co.	Lantern slides.	10 75
O 3461	do.	Henry A. Dreer, Inc.	Supplies.	6 65
O 3462	do.	Burroughs Adding Machine Co.	Stand.	10 00
O 3463	do.	Underwood Typewriter Co.	Machine.	21 75
O 3464	do.	Jas. F. Umpleby.	Fencing.	161 24
O 3465	do.	Champaign Steam Laundry.	Laundry.	72 10
O 3466	do.	Merck & Co.	Laboratory supplies.	15 80
O 3467	do.	The Tablet & Ticket Co.	Supplies.	1 46
O 3468	do.	The Burr Co.	Foundry work, etc.	291 70
O 3469	do.	Ely Carriage Shop.	Repairing.	11 00
O 3470	do.	McIntosh Stereopticon Co.	Cases.	13 50
O 3471	do.	American Southdown Breeders' Assn.	Registrations.	40 50
O 3472	do.	Kutz Stationery Co.	Stationery.	105 17
O 3473	do.	The Linde Air Products Co.	Laboratory supplies.	3 25

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1913.				
O 3474	Nov. 26	Alexander Lumber Co.	Coal.	\$ 8 00
O 3475	do.	The Leeds & Northrup Co.	Laboratory apparatus.	24 25
O 3476	do.	The Standard Calorimeter Co.	Repairs.	46 80
O 3477	do.	Sauveur & Boylston.	Laboratory supplies.	1 99
O 3478	do.	Marshall Field & Co.	Towels.	171 50
O 3479	do.	Machinists Supply Co.	Laboratory apparatus.	20 53
O 3480	do.	Geo. A. Smith.	Photos.	2 50
O 3481	do.	Illinois Glass Co.	Laboratory supplies.	6 25
O 3482	do.	Hand-Craft Appliances Co.	do.	16 50
O 3483	do.	Neostyle Co.	Stencil.	1 84
O 3484	do.	Twin City Roofing Co.	Apparatus.	4 40
O 3485	do.	General Electric Co.	Laboratory apparatus.	13 00
O 3486	do.	D. Appleton & Co.	Book.	3 24
O 3487	do.	National Engraving Co.	Zinc etching.	2 00
O 3488	do.	Morang & Co.	Book.	20 00
O 3489	do.	The L. S. Starrett Co.	Case.	16 36
O 3490	do.	John Swaney.	Field rental.	36 00
O 3491	do.	C. H. Morrison.	do.	100 00
O 3492	do.	H. Mueller Mfg. Co.	Plumbing supplies.	2 45
O 3493	do.	J. B. Andrews.	Traveling expenses.	22 23
O 3494	do.	F. D. Voris & Sons Co.	Apples.	4 00
O 3495	do.	The Guide Publishing Co.	Subscription.	2 50
O 3496	do.	Chicago Calcium Light Co.	Hydrogen.	2 15
O 3497	do.	O. E. Shobe.	Horse hire.	3 00
O 3498	do.	Ennis Hay Co.	Alfalfa.	200 95
O 3499	do.	Bausch & Lomb Optical Co.	Laboratory supplies.	25 60
O 3500	do.	Marine Biological Laboratory.	do.	37 30
O 3501	do.	Library Bureau.	Office supplies.	3 10
O 3502	do.	G. E. Stechert & Co.	Books.	62 22
O 3503	do.	Pay roll (addendum to civil service).	October, 1913.	66 66
		Lonius, J. O.	Wages, Oct. 9, 1913.	\$66 66
O 3504	do.	Illinois Central R. R. Co.	Freight.	52 34
O 3505	do.	C. C. & St. L. Ry. Co.	do.	33 98
O 3506	do.	The Wabash R. R. Co.	do.	6 86
O 3507	do.	The Wabash R. R. Co.	do.	108 91
O 3508	do.	Arthur H. Clark Co.	Books.	29 10
O 3509	do.	Twin City Ice & Cold Storage Co.	Coupon book.	25 00
O 3510	do.	Ogden Livery & Boarding Stable.	Removal of debris.	20 00
O 3511	do.	E. H. Sargent & Co.	Laboratory supplies.	1 10
O 3512	Nov. 28	A. C. McClurg & Co.	Books.	145 86
O 3513	do.	G. E. Stechert & Co.	do.	291 68
O 3514	do.	Ernst Hertzberg & Sons.	Binding.	229 75
O 3515	do.	Joseph Baer & Co.	Books.	45 94
O 3516	do.	O. E. Staples, Bursar.	Sundry bills.	141 48
O 3517	do.	O. E. Staples, Bursar.	Express bills.	42 22
O 3518	do.	O. E. Staples, Bursar.	Student labor.	230 65
O 3519	do.	Mallinckrodt Chemical Works.	Chemicals.	15 00
O 3520	do.	Powers Regulator Co.	Repairs.	5 40
O 3521	do.	The H. & M. Div. Taylor Instrument Co.	Apparatus.	4 50
O 3522	do.	Freeman & Brooks.	Labor and material.	8 26
O 3523	do.	Arthur H. Clark Co.	Books.	503 75
O 3524	do.	Gaylord Bros.	Binders.	4 20
O 3525	do.	Harris-Dillavou & Co.	Coal.	9 00
O 3526	do.	Economy Drawing Table Co.	Furniture.	56 03
O 3527	do.	Copper County Commercial Club.	Bulletins.	1 10
O 3528	do.	Keystone Type Foundry.	Materials.	18 98
O 3529	do.	O. E. Staples, Bursar.	General labor.	314 78
O 3530	do.	O. E. Staples, Bursar.	Express bills.	23 02
O 3531	do.	O. E. Staples, Bursar.	do.	97 22
O 3532	do.	O. E. Staples, Bursar.	General labor.	140 69
O 3533	do.	O. E. Staples, Bursar.	Sundry bills.	20 44
O 3534	do.	O. E. Staples, Bursar.	Student labor.	453 44
O 3535	Nov. 29	Wm. Parkin.	Threshing.	10 00
O 3536	do.	E. E. Hoskins.	Traveling expenses.	29 44
O 3537	do.	Chas. A. Campbell.	Field expenses.	62 00
O 3538	do.	Robert W. Stark.	Traveling expenses.	38 06
O 3539	do.	Harrison Fahrnkopf.	do.	15 36
O 3540	do.	H. P. Rusk.	do.	6 52
O 3541	do.	The Western Union Telegraph Co.	Service.	11 17
O 3542	do.	Crane Co.	Plumbing materials.	115 16
O 3543	do.	F. A. Pearson.	Traveling expenses.	67 19
O 3544	do.	J. F. Hayford.	Lecture expenses.	6 74
O 3545	do.	The Tablet & Ticket Co.	Figures.	2 50
O 3546	do.	Standard Oil Co.	Oil.	4 00
O 3547	do.	Knowlton & Bennett.	Glue.	2 00
O 3548	do.	Illinois State Reformatory.	Ledger cards.	3 25
O 3549	do.	Percival & Moorehead.	Locks.	7 00
O 3550	do.	Wm. Webb.	Field expenses.	66 85
O 3551	do.	A. Daigger & Co.	Pencils.	7 20

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
O 3552	Nov. 29	Ella R. Michaels.	Gowns.	\$ 70 00
O 3553	do.	Schneider Brothers.	Laboratory apparatus.	77 50
O 3554	do.	Hercules Chemical Works.	Metal polish.	5 88
O 3555	do.	Ahrens & Schreiner.	Sugar.	5 00
O 3556	do.	American-LaFrance Fire Engine Co.	Fire apparatus.	49 00
O 3557	do.	H. W. Johns-Manville Co.	Building materials.	11 25
O 3558	do.	Chicago Telephone Co.	Service.	18 81
O 3559	do.	U. of I. Supply Store.	Office supplies.	10 00
O 3560	do.	A. L. Moats.	Field expenses.	59 77
O 3561	do.	C. C. Logan.	Traveling expenses.	23 54
O 3562	do.	H. J. Snider.	do.	12 86
O 3563	do.	F. W. Wascher.	do.	57 58
O 3564	do.	H. C. Gilkerson.	do.	20 00
O 3565	do.	Alexander H. Revell & Co.	Stools.	160 55
O 3566	do.	Hamblin Plumbing Co.	Plumbing.	384 04
O 3567	do.	The Globe Wernicke Co.	Files.	28 50
O 3568	do.	V. Mueller & Co.	Laboratory apparatus.	352 25
O 3569	do.	Commonwealth Edison Co.	Electric power.	263 90
O 3570	do.	D. H. Lloyd.	Office supplies.	68 30
O 3571	do.	P. S. Campbell.	Printing.	25 50
O 3572	do.	Mittendorf & Kiler.	Shades, repairs.	6 50
O 3573	do.	Flanigan-Pearson Co.	Printing.	132 00
O 3574	do.	Barnhart Bros.	Pans, etc.	17 80
O 3575	do.	E. H. Sargent & Co.	Laboratory supplies.	47 18
O 3576	do.	S. E. Huff & Co.	Lumber.	30 50
O 3577	do.	Woldenberg & Schaar.	Laboratory supplies.	124 84
O 3578	do.	John H. Doyle.	Supplies.	1 75
O 3579	do.	Taylor Hardware Co.	do.	3 45
O 3580	do.	Central Electric Co.	do.	17 75
O 3581	do.	The Chas. A. Hall Hardware Co.	Jar rubbers.	5 63
O 3582	do.	Eisner Grocery Co.	Soap, etc.	4 10
O 3583	do.	B. F. Stevenson & Son.	Gasoline, etc.	2 40
O 3584	do.	A. S. Nelson & Sons.	Supplies.	6 60
O 3585	do.	H. A. Aldrich & Co.	Fertilizers, etc.	347 01
O 3586	do.	Wilson Brothers.	Livery hire.	34 15
O 3587	do.	Benjamin & Wilson.	Repairs.	20 90
O 3588	do.	Twin City Printing Co.	Printing.	7 00
O 3589	do.	Geo. B. Carpenter & Co.	Laboratory supplies.	6 93
O 3590	do.	G. C. Willis.	Supplies.	25 67
O 3591	do.	Edward Penneck.	Laboratory apparatus.	18 03
O 3592	do.	W. J. Boehm.	do.	10 05
O 3593	do.	Hoffman & Kropff Chemical Co.	Laboratory supplies.	4 40
O 3594	do.	L. C. Smith & Bros. Typewriter Co.	Rentals.	19 00
O 3595	do.	American Multigraph Sales Co.	Repairs.	16 34
O 3596	do.	Whitall Tatum Co.	Supplies.	10 04
O 3597	do.	Fuller & Fuller Co.	Laboratory supplies.	17 06
O 3598	do.	Ernst Leitz.	Slide boxes.	28 00
O 3599	do.	Ahrens & Schreiner.	Laboratory supplies.	1 70
O 3600	do.	F. K. Robeson.	Toweling.	135 00
O 3601	do.	J. Bishop & Co., Platinum Works.	Platinum dishes.	400 36
O 3602	do.	B. S. Green, President.	Rent of land.	40 00
O 3603	do.	Houser & Sutton.	Clover hay.	259 86
O 3604	do.	H. C. Wheeler.	Traveling expenses.	44 04
O 3605	do.	R. W. Dickenson.	do.	76 37
O 3606	do.	Howard C. Sides.	Field expenses.	23 28
O 3607	do.	H. H. Stoek.	Traveling expenses.	14 52
O 3608	do.	Physicians' Supply & Drug Co.	Laboratory supplies.	145 41
O 3609	Nov. 28	V. Mueller & Co.	Laboratory apparatus.	86 90
O 3610	do.	Arthur G. Eldredge.	Traveling expense.	26 08
O 3611	do.	W. A. Ruth.	Field expenses.	18 45
O 3612	Dec. 3	Carroll J. Badger.	Traveling expenses.	18 53
O 3613	do.	Olive Percival.	Lectures.	45 00
O 3614	do.	A. W. Nolan.	Traveling expenses.	66 95
O 3615	do.	Orr M. Allyn.	Field expenses.	107 61
O 3616	do.	L. Hegnauer.	Traveling expenses.	9 56
O 3617	do.	H. C. Wheeler.	do.	34 76
O 3618	do.	R. W. Dickenson.	do.	36 35
O 3619	do.	Cincinnati Symphony Orchestra.	Contract.	1,200 00
O 3620	do.	Geo. Conover.	Rent of land.	88 80
O 3621	do.	F. W. Wascher.	Traveling expenses.	45 02
O 3622	do.	Robert W. Stark.	do.	10 32
O 3623	do.	Harry C. Gilkerson.	do.	36 54
O 3624	do.	Harrison Fahrnkopf.	do.	9 90
O 3625	do.	Geo. Conover.	Hauling.	1 00
O 3626	do.	C. W. Crabtree.	Field expenses.	36 50
O 3627	do.	Wm. Powell.	do.	31 20
O 3628	do.	C. C. C. & St. L. Ry. Co.	Freight.	151 87
O 3629	do.	Illinois Central R. R. Co.	do.	87 15
O 3630	do.	Wabash R. R. Co.	do.	23 58

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 3631	1913. Dec. 5	Pay roll .....	November, 1913 .....	\$11,351 18
		Beckman, Louis John .....	Wages, November, 1913 \$	67 00
		Booker, A. J. ....	do. ....	84 40
		Boyce, Will Allen .....	do. ....	88 66
		Boyer, G. W. ....	do. ....	68 67
		Brumley, C. A. ....	do. ....	50 00
		Campbell, Mathew .....	do. ....	50 00
		Carothers, Cevilla .....	do. ....	38 00
		Carson, Rolla A. ....	do. ....	59 20
		Cheever, J. W. ....	do. ....	50 00
		Clancy, Frank. ....	do. ....	21 15
		Clancy, Harry .....	do. ....	30 15
		Collins, A. L. ....	do. ....	64 80
		Craig, J. D. ....	do. ....	86 00
		Crawford, R. W. ....	do. ....	53 70
		Davis, Edward .....	do. ....	72 00
		Doyle, Bernard .....	do. ....	90 00
		English, B. F. ....	do. ....	60 26
		Ensor, Russell .....	do. ....	51 20
		Fabert, H. F. ....	do. ....	49 00
		Fechtruph, Herman .....	do. ....	65 60
		Fiscus, J. C. ....	do. ....	82 80
		Fox, Guy .....	do. ....	66 66
		Franklin, F. T. ....	do. ....	56 91
		Glenn, David .....	do. ....	50 00
		Glenn, V. S. ....	do. ....	52 40
		Griffin, G. C. ....	do. ....	58 00
		Hanson, Samuel .....	do. ....	67 50
		Hooker, Fred .....	do. ....	46 60
		Hooker, W. A. ....	do. ....	50 62
		Hoover, F. F. ....	do. ....	62 26
		Hudnut, Hale M. ....	do. ....	29 90
		James, L. E. ....	do. ....	23 00
		Johnson, C. C. ....	do. ....	63 00
		Jones, James E. ....	do. ....	12 15
		Kliem, J. A. J. ....	do. ....	70 14
		Long, J. F. ....	do. ....	75 60
		Lyons, T. M. ....	do. ....	41 50
		McFadden, W. J. ....	do. ....	30 00
		Manley, Verna .....	do. ....	60 00
		Mattoon, C. E. ....	do. ....	49 00
		May, U. G. ....	do. ....	50 20
		May, Vernon .....	do. ....	22 00
		Meyers, Jesse .....	do. ....	61 18
		Mock, Forrest .....	do. ....	60 20
		Moody, D. L. ....	do. ....	49 00
		Moore, C. P. ....	do. ....	55 80
		Nelson, C. Q. ....	do. ....	47 20
		Ollis, A. W. ....	do. ....	58 00
		Peterson, Nick .....	do. ....	51 40
		Reed, B. L. ....	do. ....	54 40
		Shipley, J. E. ....	do. ....	48 00
		Shriver, Alonzo L. ....	do. ....	110 75
		Smalley, C. F. ....	do. ....	43 20
		Snook, Orval .....	do. ....	57 12
		Sowers, A. L. ....	do. ....	16 00
		Sparks, Marion E. ....	do. ....	37 25
		Stearns, L. M. ....	do. ....	63 00
		Surbaugh, C. A. ....	do. ....	48 00
		Thomas, Walter .....	do. ....	54 67
		Thomson, H. L. ....	do. ....	56 80
		Trimble, W. W. ....	do. ....	41 60
		Utterback, Oliver J. ....	do. ....	31 80
		Vandeventer, J. H. ....	do. ....	85 20
		Waldo, Francis Joseph .....	do. ....	52 00
		Walters, Prentice Therman .....	do. ....	50 60
		Welker, Clarence .....	do. ....	68 40
		Wells, Teddie Edwin .....	do. ....	68 40
		Wilson, Charlie .....	do. ....	28 20
		Gundloch, Charles .....	do. ....	50 00
		Porter, S. A. ....	do. ....	86 40
		Van Gundy, Harvey .....	do. ....	47 10
		Arrington, C. E. ....	do. ....	63 00
		Atwell, M. W. ....	do. ....	55 86
		Bailey, J. E. ....	do. ....	59 64
		Barnes, V. R. ....	do. ....	90 00
		Brown, Basil .....	do. ....	63 84
		Brown, Harry .....	do. ....	53 97
		Bullock, D. M. ....	do. ....	65 78

OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
O 3631 Ctd.	1913. Dec. 5	Butler, Thomas.	Wages, November, 1913	\$ 64 63
		Ceduskey, John.	do.	76 56
		Crathorne, F.	do.	81 25
		Cunningham, F.	do.	106 25
		Davis, Joseph.	do.	70 14
		Dibble, E. P.	do.	80 96
		Fay, T. J.	do.	93 00
		Fender, Fred.	do.	78 30
		Fender, Louie.	do.	72 60
		Fiscus, J. J.	do.	60 26
		Fogarty, F.	do.	52 50
		Fogarty, W.	do.	52 00
		Freeman, C. Y.	do.	54 81
		Graybeal, W. H.	do.	63 00
		Hamlin, Sell.	do.	50 00
		Hargan, E.	do.	67 21
		Henderson, T. O.	do.	106 02
		Hill, Charles.	do.	92 25
		Hixon, W. G.	do.	50 00
		Hunt, Oscar L.	do.	27 60
		Hutton, Ross.	do.	66 47
		Irvine, Frank.	do.	71 50
		Irvine, James.	do.	52 50
		Jones, Margaret.	do.	42 50
		Justus, E. W.	do.	108 00
		Langhoff, A.	do.	81 25
		Langhoff, Fred.	do.	62 10
		Lewis, E. C.	do.	69 30
		Litton, A. C.	do.	57 75
		Long, Thomas.	do.	82 62
		McAllister, A. J.	do.	78 96
		McCulough, James.	do.	59 18
		McClughen, Frances.	do.	42 50
		McClughen, Mrs. F. E. M.	do.	11 63
		Magnuson, A. O.	do.	80 00
		Mahorney, H. H.	do.	68 54
		Meenach, O. E.	do.	71 07
		Meneely, Dan.	do.	67 62
		Miller, C. M.	do.	53 76
		Moran, A.	do.	70 00
		Morgan, J. E.	do.	10 00
		Morgan, Rebecca.	do.	42 50
		Murphey, Ruthe.	do.	60 00
		Nagle, Sybil.	do.	35 00
		Newton, J. R.	do.	83 04
		Nikolaus, Jacob.	do.	63 00
		Perry, F. M.	do.	62 10
		Purkins, J. F.	do.	57 86
		Quinn, William.	do.	70 14
		Richards, Ed.	do.	100 80
		Ryan, Mary E.	do.	42 50
		Servis, A.	do.	76 13
		Sinclair, C. R.	do.	54 00
		Smith, W. J.	do.	113 57
		Snyder, J.	do.	52 50
		Stateler, F.	do.	70 84
		Templin, William.	do.	82 12
		Tillotson, I. F.	do.	73 55
		Toy, George.	do.	62 33
		Turner, George.	do.	66 47
		Warmbier, August.	do.	81 30
		Weaver, M. C.	do.	51 00
		Wharmby, Ed.	do.	66 47
		Wilde, William.	do.	93 00
		Wilson, Frank.	do.	40 00
		Brannigan, John.	do.	44 45
		Disoway, M. D.	do.	100 00
		Fast, E. E.	do.	90 00
		Fitch, H. H.	do.	75 00
		Gibson, A. E.	do.	48 00
		Geist, H. F.	do.	90 00
		Haynes, J. K.	do.	80 00
		McFadden, E. C.	do.	75 00
		Moffit, J. A.	do.	75 00
		Rachwalski, J.	do.	63 50
		Wakely, A. W.	do.	80 00
		Almond, H.	do.	28 50
		Bagusin, A.	do.	18 00
		Baldwin, L. S.	do.	46 80

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 3631 Ctd.	1913. Dec. 5	Barkman, C. P.	Wages, November, 1913	\$17 20
		Barden, H. E.	do.	15 00
		Barnhardt, Pearl	do.	18 50
		Berringer, Harriet	do.	3 00
		Bevis, Ledru	do.	10 80
		Britton, W. E.	do.	38 00
		Blum, W. J.	do.	3 40
		Brown, John	do.	3 60
		Brown, Ralph Powers	do.	21 00
		Brown, Kenneth	do.	25 00
		Brownfield, Lelah	do.	11 38
		Burst, S. H.	do.	15 23
		Cavette, Erie	do.	26 00
		Cleghorn, Belle	do.	13 60
		Clements, O. R.	do.	7 20
		Dale, J. H.	do.	14 18
		Danielson, R. R.	do.	31 00
		Davis, Leonard H.	do.	15 60
		Davis, Russel	do.	33 00
		Dorris, H. W.	do.	10 17
		English, H. M.	do.	7 80
		Eschauer, L.	do.	21 10
		Farley, F. W.	do.	22 84
		Fisher, C. R.	do.	11 99
		Foster, D. D.	do.	10 90
		Foult, Claude	do.	12 00
		Funk, F. W.	do.	26 95
		Gage, James Howard	do.	3 40
		Galpin, Stella	do.	20 00
		Gideon, C. R.	do.	13 00
		Goebel, J.	do.	5 80
		Gould, John	do.	6 60
		Halliday, Ruth	do.	13 40
		Hart, P. M.	do.	8 40
		Harting, Mildred	do.	2 85
		Harwood, S. D.	do.	26 25
		Hallquest, Mrs. A. L.	do.	6 80
		Henshaw, Amy	do.	6 00
		Hill, C. F.	do.	10 00
		Huford, C. T.	do.	18 60
		Hughes, C. A.	do.	15 00
		Inagaki, N.	do.	22 30
		Ingalls, Horace	do.	17 25
		Jones, W. O.	do.	5 80
		Jones, W. R.	do.	24 50
		Kelley, A. P.	do.	13 00
		Kelley, H. P.	do.	14 00
		Kennicott, Sylvia	do.	30 00
		Kirkpatrick, F. A.	do.	18 60
		Kisselburg, K. M.	do.	12 50
		Larson, Martha	do.	18 20
		Linder, Lewis	do.	10 00
		Lindsey, G. H.	do.	22 00
		Linsley, C. M.	do.	10 75
		Lundquist, H. J.	do.	26 50
		McCabe, C. L.	do.	9 80
		McGhee, O. M.	do.	15 40
		McVay, T. N.	do.	7 00
		Magruder, Denton	do.	17 20
		Mann, Edith	do.	5 95
		Mattoon, E. W.	do.	1 80
		Meltz, Nathan	do.	15 00
		Milligen, Edna	do.	6 40
		Miller, F. R.	do.	2 60
		Miner, H. W.	do.	16 28
		Miller, C. A.	do.	6 60
		Morris, Alice	do.	3 60
		Morrison, W. R.	do.	21 20
		Munson, John	do.	25 38
		Murphy, E. F.	do.	17 38
		Myers, Madge	do.	5 40
		Myers, Rachel	do.	2 20
		Nelson, C. R.	do.	15 90
		Nelson, M.	do.	3 00
		Nelson, P. S.	do.	39 60
		Newman, F. A.	do.	16 45
		Nickolls, C. R.	do.	25 65
		Nixon, R. H.	do.	21 80
		Odell, Arthur	do.	39 32

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 3631	1913. Dec. 5	Osborne, Pauline.....	Wages, November, 1913	\$ 9 00
<i>Id.</i>		Ordonez, B. R. ....	do.	33 95
		Paine, Olive.....	do.	18 70
		Peterson, Reuben W. ....	do.	17 10
		Questel, B. H. ....	do.	13 40
		Rehling, Charles.....	do.	26 34
		Richardson, H. R. ....	do.	11 13
		Ropiequet, W. C. ....	do.	6 80
		Rugg, Earl V. ....	do.	27 50
		Salsbury, G. W. ....	do.	21 80
		Secor, E. C. ....	do.	15 00
		Semple, Arthur.....	do.	21 30
		Shaffer, R. F. ....	do.	21 80
		Scott, S. E. ....	do.	12 00
		Skemp, S. C. ....	do.	26 50
		Slater, M. E. ....	do.	29 10
		Smith, M. J. ....	do.	12 90
		Stearns, C. G. ....	do.	5 20
		Sterenber, Bert.....	do.	19 75
		Stevens, R. M. ....	do.	15 75
		Stilwell, Helen.....	do.	11 00
		Stockfleth, Berger.....	do.	12 13
		Sutherland, G. F. ....	do.	10 50
		Thomas, E. W. ....	do.	14 28
		Thurston, H. W. ....	do.	17 00
		Timmins, H. A. ....	do.	13 30
		Tuthill, J. K. ....	do.	11 11
		Vandercook, H. P. ....	do.	22 50
		VanNatter, F. M. ....	do.	13 80
		Wagner, R. R. ....	do.	9 60
		Wallage, S. T. ....	do.	19 63
		Warinner, Charles.....	do.	17 50
		Wham, Benjamin.....	do.	14 20
		Williams, E. C. ....	do.	8 20
		Wilson, A. D. ....	do.	19 08
		Winqvist, S. V. ....	do.	1 60
		Wood, H. F. ....	do.	7 00
O 3632	..do....	Pay roll.....	November, 1913	\$ 45 00
		Potter, Mabel.....	Salary Nov. 13-30, 1913,	
			at \$75.00 per month.	45 00
O 3633	..do....	Pay roll.....	October, 1913.	46 29
		Eldredge, A. G. ....	Salary, Oct. 27-31, 1913,	
			at \$250.00 per month.	46 29
O 3634	Dec. 6	Weil Bros.....	Plumbing supplies.	37 52
O 3635	..do....	H. W. Johns-Manville Co. ....	Supplies.	19 78
O 3636	..do....	O. E. Staples, Bursar.....	Student labor	441 10
O 3637	..do....	O. E. Staples, Bursar.....	General labor	438 69
O 3638	..do....	Albert Tate.....	Field work.	66 30
O 3639	..do....	O. E. Staples, Bursar.....	Sundries and express.	17 65
O 3640	..do....	Meyer Wenthe.....	Office supplies.	3 46
O 3641	..do....	W. W. Walls & Co. ....	Lumber	16 97
O 3642	..do....	L. C. Smith & Bros.....	Typewriter	35 00
O 3643	..do....	The Burr Co. ....	Foundry supplies	42 59
O 3644	..do....	J. D. White.....	Office supplies.	200 00
O 3645	..do....	Wm. Aten, Sr. ....	Field work.	24 25
O 3646	..do....	G. C. Willis.....	Bunting, ribbon.	12 74
O 3647	..do....	Scientific Materials Co. ....	Chemistry	97 28
O 3648	..do....	C. E. Burkhart.....	Field work.	11 45
O 3649	..do....	National Engraving Co. ....	Zinc etchings.	33 15
O 3650	..do....	Library Bureau.....	Office supplies.	28 50
O 3651	..do....	Oldham Bros.....	Supplies.	15 75
O 3652	..do....	Demonstrator's Assn. of Ill. ....	Initiation fee.	25 00
O 3653	..do....	Nick Starck & Sons.....	Services.	46 00
O 3654	..do....	Mrs. E. R. Michals.....	Operating gowns.	15 00
O 3655	..do....	Western Fuel Co. ....	Fuel.	228 16
O 3656	Dec. 8	F. G. Hartwell Co. ....	Coal.	399 04
O 3657	..do....	Spencer Lens Co. ....	Laboratory supplies.	80 00
O 3658	..do....	R. L. Polk & Co. ....	Office supplies.	11 00
O 3659	..do....	C. L. Frame Dental Supply Co. ....	Laboratory supplies.	10 13
O 3660	..do....	E. L. Sommers.....	Building construction	51 21
O 3661	..do....	V. Mueller & Co. ....	Laboratory apparatus.	14 00
O 3662	..do....	Max Weg.....	Library books.	159 25
O 3663	..do....	S. O. Andros.....	Traveling expenses.	15 54
O 3664	..do....	Geo. W. Medley.....	do.	39 10
O 3665	..do....	Geo. W. Matheney.....	do.	28 00
O 3666	..do....	J. W. Nave.....	do.	35 00
O 3667	..do....	O. S. Fisher.....	Traveling expenses.	33 87
O 3668	..do....	H. J. Snider.....	Field expenses.	24 15
O 3669	..do....	Wm. Cooper & Nephew.....	Supplies.	2 70

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
O. 3870	Dec. 8	The Standard Calorimeter Co.....	Laboratory apparatus.....	\$ 24 44
O. 3871	..do.....	Frank Morgan.....	Field expenses.....	32 00
O. 3872	..do.....	S. V. Holt, and party.....	Traveling expenses.....	126 37
O. 3873	..do.....	J. E. Whitechurch.....	Field expenses.....	38 88
O. 3874	..do.....	J. W. Smith.....	..do.....	92 80
O. 3875	..do.....	Henry Pfau.....	..do.....	39 75
O. 3876	..do.....	D. O. Barto.....	Traveling expenses.....	15 64
O. 3877	..do.....	W. D. McKee.....	Lectures.....	10 00
O. 3878	..do.....	A. W. Nolan.....	Traveling expenses.....	11 19
O. 3879	..do.....	G. W. Sheldon & Co.....	Expenses.....	5 43
O. 3880	..do.....	Pay roll.....	November, 1913.....	1,129 50
		Booher, M. C.....	Wages, November, 1913, \$	86 40
		Brannigan, John.....	..do.....	34 30
		Corson, A. J.....	..do.....	40 20
		Dunseth, J. M.....	..do.....	35 60
		Gundlock, Charles.....	..do.....	3 66
		MacMillion, Lee.....	..do.....	31 20
		Miller, J. H.....	..do.....	70 50
		Sandwell, Martin.....	..do.....	81 20
		Sowers, A. S.....	..do.....	72 00
		Sayer, Clint.....	..do.....	20 25
		Small, M. M.....	..do.....	60 00
		VanGundy, H.....	..do.....	24 00
		Pollard, Charles.....	..do.....	42 40
		Baldwin, L. S.....	..do.....	23 00
		Blackburn, F. J.....	..do.....	12 50
		Bonham, W. M.....	..do.....	25 20
		Buckler, C. W.....	..do.....	33 12
		Campbell, M. H.....	..do.....	30 63
		Cox, C. G.....	..do.....	16 20
		Hitchcock, E. W.....	..do.....	25 38
		Horning, R. A.....	..do.....	35 20
		Howe, H. E.....	..do.....	11 75
		Kircher, Otis.....	..do.....	89 73
		Lamb, Grover.....	..do.....	23 45
		Leggit, Frank.....	..do.....	22 75
		Lerch, Edward.....	..do.....	23 00
		Lowe, Lucy.....	..do.....	38 75
		Maxwell, Leslie.....	..do.....	26 73
		Miles, J. P.....	..do.....	13 25
		McConnel, I. M.....	..do.....	14 00
		Price, C. B.....	..do.....	8 40
		Taylor, W. M.....	..do.....	15 50
		Voght, E.....	..do.....	18 85
		Zaleski, P. J.....	..do.....	20 40
O. 3881	..do.....	Pay roll.....	December, 1913.....	83,621 77
		Filbey, E. J.....	Salary, December, 1913, \$	183 33
		James, Edmund J.....	..do.....	1,000 00
		Frazer, George E.....	..do.....	300 00
		Smith, Adelle C. (Student).....	..do.....	60 00
		Kinley, David.....	..do.....	83 33
		Harker, O. A.....	..do.....	83 33
		Fair, Sue M.....	..do.....	80 00
		Fiero, E. E. (Student).....	..do.....	50 00
		Warnock, A. R.....	..do.....	150 00
		Kyle, Martha J.....	..do.....	50 00
		Strong, Lillian.....	..do.....	50 00
		Carrithers, I. R.....	..do.....	60 00
		Fargo, R. N.....	..do.....	120 00
		Gill, H. L.....	..do.....	220 00
		Huff, G. A.....	..do.....	416 66
		Jones, R. R.....	..do.....	120 00
		Manley, E. J.....	..do.....	90 00
		Pengilly, H. E.....	..do.....	10 00
		Brooks, Verna.....	..do.....	90 00
		Gaut, Rosa Lee.....	..do.....	40 00
		Hitt, Agnes.....	..do.....	20 00
		Hughitt, Anna L.....	..do.....	100 00
		Landee, Marion C.....	..do.....	45 00
		Moulton, Gertrude E.....	..do.....	133 33
		Shoemaker, Dorothy-Ruth.....	..do.....	70 00
		Webster, F. D.....	..do.....	48 00
		Hollister, H. A.....	..do.....	270 83
		Ayer, T. P. (Student).....	..do.....	70 00
		Bollman, Minnie J. (Student).....	..do.....	32 50
		Branch, Nelle E. (Student).....	..do.....	32 50
		Breedis, John (Student).....	..do.....	18 00
		Britton, Floyd Evanston (Student).....	..do.....	30 00
		Christy, Glen (Student).....	..do.....	18 00



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 3681	1913. Dec.	8 Craig, Jennie A. ....	Salary, December, 1913. \$	80 00
<i>Ctd.</i>		Drury, F. K. W. ....	do. ....	200 00
		Dunlap, Fannie (Student) ..	do. ....	60 00
		Eppinger, J. G. (Student) ..	do. ....	36 00
		Felsenthal, Emma. ....	do. ....	83 33
		Fontaine, E. O. (Student) ..	do. ....	36 00
		Gibson, Mable H. (Student) ..	do. ....	27 50
		Goulding, P. S. ....	do. ....	166 66
		Herdman, Margaret. ....	do. ....	75 00
		Hodnefield, Jacob. ....	do. ....	125 00
		Hubbard, Marie E. (Student) ..	do. ....	27 50
		Hutchins, Margaret. ....	do. ....	83 33
		Janvrin, Charles. ....	do. ....	41 66
		Johnson, Alice. ....	do. ....	83 33
		Jutton, Emma R. ....	do. ....	100 00
		Kaiser, J. B. ....	do. ....	150 00
		Karsten, Eleanor G. ....	do. ....	100 00
		Leatherman, Marian. ....	do. ....	75 00
		Mitchell, Marguerite (Student) ..	do. ....	65 00
		Patton, Adah. ....	do. ....	91 66
		Renich, Katharine Louise (Student) ..	do. ....	30 00
		Torrance, Mary. ....	do. ....	75 00
		Troy, Mary Z. (Student) ..	do. ....	65 00
		Windsor, P. L. ....	do. ....	291 66
		Wyeth, Ola M. ....	do. ....	80 00
		Eldredge, A. G. ....	do. ....	250 00
		Kelley, R. L. (Student) ..	do. ....	100 00
		Rice, G. B. ....	do. ....	250 00
		White, J. M. ....	do. ....	416 66
		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. ....	200 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
		Dickerson, I. W. ....	do. ....	133 33
		Dickinson, R. W. ....	do. ....	83 33
		Ebersol, E. T. ....	do. ....	60 00
		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
		Gernert, 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
		Jahr, M. E. ....	do. ....	140 00
		Leighty, W. R. ....	do. ....	116 66
		Logan, C. C. ....	do. ....	150 00
		Mosier, J. G. ....	do. ....	291 66
		Niederman, Gertrude. ....	do. ....	100 00
		Park, J. B. ....	do. ....	150 00
		Pettit, J. H. ....	do. ....	250 00
		Reed, C. O. ....	do. ....	120 00
		Sachs, W. H. ....	do. ....	133 33
		Schoonover, W. R. ....	do. ....	70 00
		Smith, L. H. ....	do. ....	266 66
		Snider, H. J. ....	do. ....	70 00
		Stewart, H. W. ....	do. ....	150 00
		VanAlstine, E. T. ....	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
		Barto, D. O. ....	do. ....	200 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 3681 Ctd.	1913. Dec.	8 Bull, Sleeter.....	Salary, December, 1913.	\$133 33
		Carmichael, W. J.....	do.....	91 66
		Cooley, W. C.....	do.....	266 66
		Edmonds, J. L.....	do.....	208 33
		Hall, L. D.....	do.....	112 50
		Handschin, W. F.....	do.....	200 00
		Mitchell, H. H.....	do.....	133 33
		Mumford, H. W.....	do.....	416 66
		Newlin, C. I.....	do.....	100 00
		Place, V. A.....	do.....	100 00
		Rusk, H. P.....	do.....	208 33
		Simpson, F. M.....	do.....	133 33
		Smith, W. H.....	do.....	125 00
		Wells, J. R.....	do.....	83 33
		Yoke, J. J.....	do.....	83 33
		Brand, R. E.....	do.....	175 00
		Clark, E. M.....	do.....	75 00
		Crandall, W. T.....	do.....	150 00
		Fraser, W. J.....	do.....	291 66
		Harding, H. A.....	do.....	416 66
		Hulce, R. S.....	do.....	116 66
		Keller, O. A.....	do.....	91 66
		Lang, LeRoy.....	do.....	175 00
		Parker, H. N.....	do.....	200 00
		Pearson, F. A.....	do.....	91 66
		Ruehe, H. A.....	do.....	133 33
		Yapp, W. W.....	do.....	91 66
		Aust, F. A.....	do.....	83 33
		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
		Foglesong, L. E.....	do.....	116 66
		Gardner, J. J.....	do.....	100 00
		Gunderson, A. J.....	do.....	100 00
		Harper, Julia A.....	do.....	65 00
		Hoffman, R. W.....	do.....	70 00
		Hutchinson, James.....	do.....	100 00
		Lloyd, J. W.....	do.....	291 66
		Miller, Wilhelm.....	do.....	250 00
		Muncie, F. W.....	do.....	83 33
		Nehrling, A. H.....	do.....	150 00
		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
		Fleming, Georgia.....	do.....	100 00
		Goldthwaite, Nellie.....	do.....	187 50
		Gray, Cora E.....	do.....	116 66
		Harrison, Florence.....	do.....	100 00
		Parsons, Maud.....	do.....	116 66
		Pincomb, Helena M.....	do.....	133 33
		Seymour, Lurene.....	do.....	150 00
		Stevens, Grace E.....	do.....	110 00
		Wheeler, Ruth.....	do.....	141 66
		McIntosh, Donald.....	do.....	208 33
		Richards, C. R.....	do.....	62 50
		Ash, Percy.....	do.....	208 33
		Burton, S. C.....	do.....	140 00
		Clark, C. R.....	do.....	166 66
		Corrubia, A. B. M.....	do.....	160 00
		Cowley, F. K.....	do.....	120 00
		Fehrenkamp, Winifred.....	do.....	70 00
		Forsythe, J. H.....	do.....	150 00
		Jones, R. T.....	do.....	160 00
		Kellogg, J. M.....	do.....	150 00
		Kimball, A. H.....	do.....	150 00
		Provine, L. H.....	do.....	291 66
		Ricker, N. C.....	do.....	291 66

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 3681 Ctd.	1913. Dec.	8 Titcomb, W. C.	Salary, December, 1913.	\$175 00
		Wells, N. A.	do.	104 16
		Baker, I. O.	do.	333 33
		Bowling, B. L.	do.	83 33
		Davis, R. E.	do.	120 00
		Garver, N. B.	do.	141 66
		McDaniel, A. B.	do.	229 16
		Parcel, J. I.	do.	208 33
		Pickels, G. W.	do.	150 00
		Raynor, W. H.	do.	130 00
		Smith, J. E.	do.	150 00
		Wiley, C. C.	do.	141 66
		Wilson, M. W.	do.	183 33
		Biegler, P. S.	do.	166 66
		Brooks, Morgan.	do.	250 00
		Bryant, J. M.	do.	229 16
		Fisk, I. W.	do.	133 33
		James, L. V.	do.	133 33
		Knight, A. R.	do.	150 00
		Loring, F. C.	do.	130 00
		Paine, E. B.	do.	250 00
		Waldo, E. H.	do.	166 66
		Abrams, D. A.	do.	150 00
		Chittenden, A. K.	do.	229 16
		Dunn, H. H.	do.	116 66
		Keller, H. 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
		Yensen, T. D.	do.	133 33
		Beach, Robin.	do.	120 00
		Crane, Rufus.	do.	100 00
		Jordan, H. H.	do.	140 00
		Miller, H. W.	do.	183 33
		Nelson, W. S.	do.	30 00
		Porter, F. M.	do.	125 00
		Rugg, H. O.	do.	150 00
		Steward, R. K.	do.	141 66
		Benedict, B. W.	do.	291 66
		Dent, J. A.	do.	150 00
		Domonske, A. B.	do.	140 00
		Duncan, J. M.	do.	90 00
		Eames, H. S.	do.	140 00
		Gross, G. A.	do.	150 00
		Frisk, J. A.	do.	91 66
		Godeke, H. F.	do.	130 00
		Goodenough, G. A.	do.	291 66
		Harding, L. A.	do.	291 66
		Kennedy, R. E.	do.	150 00
		Lanham, E. T.	do.	120 00
		Leutwiler, O. A.	do.	241 66
		Pendleton, J. C.	do.	100 00
		Radebaugh, G. H.	do.	110 00
		Rehman, P. J.	do.	80 00
		Richards, C. R.	do.	416 66
		Scroggin, D. L.	do.	120 00
		Torrance, F. C.	do.	110 00
		Waterfall, H. W.	do.	130 00
		Willard, A. C.	do.	200 00
		Andros, S. O.	do.	25 00
		Holbrook, E. A.	do.	208 33
		Stoek, H. H.	do.	416 66
		Young, L. E.	do.	150 00
		Babbitt, H. E.	do.	140 00
		Boomsliter, G. P.	do.	170 00
		Enger, M. L.	do.	187 50
		Ensign, N. E.	do.	150 00
		Fleming, V. R.	do.	150 00
		Gardner, Harry.	do.	140 00
		Gonnerman, H. F.	do.	150 00
		Noerenberg, C. E.	do.	170 00
		Seely, F. B.	do.	170 00
		Talbot, A. N.	do.	416 66
		Vallance, Alexander.	do.	140 00
		Bair, W. H.	do.	50 00
		Carman, A. P.	do.	416 66
		Jones, L. T.	do.	95 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 3681 Ctd.	1913. Dec.	8 Karrer, Sebastian.....	Salary, December, 1913.	\$ 70 00
		Knipp, C. T.....	do.....	233 33
		Kunz, Jacob.....	do.....	208 33
		Nathanson, J. B.....	do.....	50 00
		Schulz, W. F.....	do.....	183 33
		Randolph, O. A.....	do.....	90 00
		Shook, G. A.....	do.....	120 00
		Smith, O. H.....	do.....	95 00
		Watson, F. R.....	do.....	229 16
		Warner, E. H.....	do.....	80 00
		Williams, E. H.....	do.....	141 66
		Hayes, J. B.....	do.....	90 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
		Andros, S. O.....	do.....	150 00
		Decker, E. H.....	do.....	291 66
		Green, Frederick.....	do.....	291 66
		Hale, W. G.....	do.....	291 66
		Harker, O. A.....	do.....	333 33
		Pomeroy, J. N.....	do.....	208 33
		Vernier, C. G.....	do.....	291 66
		Cassidy, H. M. (Student).....	do.....	25 00
		Andrews, O. M.....	do.....	83 33
		Babcock, K. C.....	do.....	416 66
		Meyer, G. H.....	do.....	20 83
		Seymour, A. R.....	do.....	25 00
		Bradbury, C. E.....	do.....	120 00
		Kelley, C. F.....	do.....	150 00
		Lake, E. J.....	do.....	187 50
		Wetmore, Mary M.....	do.....	150 00
		Bond, J. J. D.....	do.....	30 00
		Reed, F. W.....	do.....	140 00
		Stebbins, Joel.....	do.....	291 66
		Burton, L. V.....	do.....	60 00
		Newell, C. R.....	do.....	100 00
		Rahn, Otto.....	do.....	225 00
		Brigham, R. O.....	do.....	60 00
		Hague, Stella M.....	do.....	90 00
		Hottes, C. F.....	do.....	250 00
		Lamkey, E. M. R.....	do.....	60 00
		LeCato, J. M.....	do.....	60 00
		McDougall, W. B.....	do.....	120 00
		Parr, Rosalie M.....	do.....	80 00
		Scherfee, S. H.....	do.....	30 00
		Trelease, William.....	do.....	416 66
		Waggoner, H. D.....	do.....	60 00
		Whitten, J. H.....	do.....	60 00
		Hursh, R. K.....	do.....	150 00
		Radcliffe, B. S.....	do.....	120 00
		Rand, C. C.....	do.....	80 00
		Stull, R. T.....	do.....	250 00
		Williams, A. E.....	do.....	125 00
		Adams, W. C.....	do.....	10 00
		Allen, C. H.....	do.....	50 00
		Baker, R. E.....	do.....	35 00
		Balke, C. W.....	do.....	250 00
		Ball, T. R.....	do.....	30 00
		Bates, S. J.....	do.....	100 00
		Beal, G. D.....	do.....	140 00
		Braley, S. A.....	do.....	10 00
		Broderson, H. J.....	do.....	120 00
		Carter, H. M.....	do.....	30 00
		Charlton, E. E.....	do.....	30 00
		Clark, K. A.....	do.....	35 00
		Cohn, Alexander.....	do.....	10 00
		Darrah, Juanita.....	do.....	30 00
		Davisson, B. S.....	do.....	60 00
		Derick, C. G.....	do.....	166 66
		Eckstein, C. H.....	do.....	10 00
		Engle, E. W.....	do.....	50 00
		Englis, D. T.....	do.....	30 00
		Foster, L. F.....	do.....	50 00
		Gilmore, R. E.....	do.....	30 00
		Hecker, C. H.....	do.....	100 00
		Hess, R. W.....	do.....	50 00
		Hewes, C. K.....	do.....	60 00
		Honovski, B. R.....	do.....	80 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 3681 Ctd.	1913. Dec.	8 Hopkins, B. S.	Salary, December, 1913.	\$140 00
		Janson, J. M.	do.	10 00
		Kamm, Oliver.	do.	60 00
		Kremmers, H. C.	do.	30 00
		Layng, T. E.	do.	60 00
		Lewis, H. F.	do.	50 00
		MacArthur, C. G.	do.	150 00
		MacInnes, D. A.	do.	140 00
		Manuel, W. A.	do.	30 00
		Marquis, S. D.	do.	30 00
		Nelson, R. A.	do.	10 00
		Noyes, W. A.	do.	416 66
		Parr, S. W.	do.	333 33
		Prasil, Anton.	do.	10 00
		Read, J. W.	do.	60 00
		Rich, P. C.	do.	10 00
		Ruby, G. B.	do.	10 00
		Scholl, Clarence.	do.	30 00
		Sears, G. W.	do.	60 00
		Sievert, C. W. J.	do.	10 00
		Skinner, G. S.	do.	10 00
		Smith, G. M.	do.	166 66
		Smith, L. D.	do.	100 00
		Snook, J. D.	do.	10 00
		Straw, W. A.	do.	10 00
		Taylor, E. H.	do.	30 00
		Taylor, S. C.	do.	50 00
		Thorp, Lambert.	do.	120 00
		Tippett, R. W.	do.	30 00
		Valentine, H. D.	do.	30 00
		Van Zoeren, G. J.	do.	60 00
		Washburn, E. W.	do.	291 66
		Weber, H. C. P.	do.	166 66
		Welland, H. J.	do.	35 00
		Wichers, Edward.	do.	30 00
		Wildman, E. A.	do.	50 00
		Bogart, E. L.	do.	291 66
		Chase, W. A.	do.	200 00
		Dewsnup, E. R.	do.	250 00
		Litman, Simon.	do.	208 33
		Prickett, A. L.	do.	40 00
		Robinson, M. H.	do.	250 00
		Scoville, H. T.	do.	200 00
		Stewart, C. L.	do.	70 00
		Thompson, C. M.	do.	180 00
		Thompson, J. G.	do.	180 00
		Weston, N. A.	do.	250 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
		Anderson, L. F.	do.	229 16
		Bagley, W. C.	do.	416 66
		Coffman, L. D.	do.	291 66
		Hallquest, A. L.	do.	50 00
		Harlan, C. L.	do.	50 00
		Johnston, C. H.	do.	291 66
		Miller, W. S.	do.	150 00
		Alden, R. M.	do.	375 00
		Baldwin, E. C.	do.	175 00
		Boyer, C. V.	do.	140 00
		Buchen, W. A.	do.	150 00
		Clark, T. A.	do.	500 00
		Creek, H. L.	do.	140 00
		Curl, M. J.	do.	140 00
		Dixon, R. E.	do.	110 00
		Dodge, D. K.	do.	270 83
		Fulton, Edward.	do.	175 00
		Goodwin, T. G.	do.	100 00
		Guild, T. H.	do.	125 00
		Gwinn, Alta.	do.	90 00
		Harbarger, Sada A.	do.	100 00
		Jones, E. S.	do.	120 00
		Jones, H. S. V.	do.	183 33
		Jordan, J. C.	do.	100 00
		Kelso, Ruth.	do.	100 00
		Kyle, Martha J.	do.	130 00
		Landee, Marion.	do.	45 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 3681 Ctd.	1913. Dec.	8 Loomis, R. S.	Salary, December, 1914.	\$120 00
		McJohnston, Harrison.	do.	120 00
		Paul, H. G.	do.	208 33
		Rinaker, Clarissa.	do.	110 00
		Sarett, L. R.	do.	100 00
		Schoepperle, Gertrude.	do.	130 00
		Scott, F. W.	do.	200 00
		Sherman, S. P.	do.	308 33
		Stanley, T. B.	do.	50 00
		Sutcliffe, E. G.	do.	100 00
		Tieje, A. J.	do.	120 00
		Wicher, G. F.	do.	110 00
		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
		Peterson, Alvah.	do.	60 00
		Glasgow, Dr. Robert D.	do.	120 00
		Bayley, W. S.	do.	250 00
		Fleener, F. L.	do.	40 00
		Heitkamp, G. W.	do.	40 00
		Rich, J. L.	do.	150 00
		Rolle, C. W.	do.	250 00
		Ross, C. S.	do.	40 00
		Savage, T. E.	do.	208 33
		Thompson, David.	do.	40 00
		Barto, P. S.	do.	100 00
		Brooks, N. C.	do.	208 33
		Flom, G. T.	do.	233 33
		Goebel, Julius.	do.	312 50
		Green, Alexander.	do.	120 00
		Held, F. E.	do.	50 00
		Koller, A. H.	do.	130 00
		Lessing, O. E.	do.	291 66
		Meyer, G. H.	do.	208 33
		Poor, C. M.	do.	150 00
		Spindler, G. W.	do.	50 00
		Williams, C. A.	do.	150 00
		Zucker, A. E.	do.	50 00
		Alvord, C. W.	do.	145 83
		Brush, Elizabeth P.	do.	90 00
		Buck, S. J.	do.	150 00
		Cole, A. C.	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
		Borger, R. L.	do.	125 00
		Burns, Josephine E.	do.	100 00
		Chittenden, E. W.	do.	120 00
		Crathorne, A. R.	do.	166 66
		Denton, W. W.	do.	140 00
		Emch, Arnold.	do.	187 50
		Hebbert, C. M.	do.	60 00
		Kempner, A. J.	do.	140 00
		Lytle, E. B.	do.	150 00
		Miller, G. A.	do.	291 66
		Rietz, H. L.	do.	158 33
		Rowland, S. A.	do.	75 00
		Rutledge, George.	do.	60 00
		Shaw, J. B.	do.	229 16
		Sisam, C. H.	do.	183 33
		Smith, G. W.	do.	60 00
		Stouffer, E. B.	do.	130 00
		Townsend, E. J.	do.	333 33
		Wahlin, G. E.	do.	116 66
		Zeis, H. C.	do.	60 00
		Beard, J. H.	do.	130 00
		Burge, W. E.	do.	183 33
		Neill, Alma J.	do.	60 00
		Bode, B. H.	do.	291 66
		Daniels, A. H.	do.	333 33
		Geyer, D. L.	do.	50 00
		Shepherd, Queen L.	do.	110 00
		Dodd, W. F.	do.	191 66
		Fairlie, J. A.	do.	291 66
		Garner, J. W.	do.	333 33

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 3681 Ctd.	1913. Dec.	8 Hanford, A. C.....	Salary, December, 1933. \$ 50 00	50 00
		Mathews, J. M.....	do.....	150 00
		Bentley, Madison.....	do.....	270 83
		Ruckmich, C. A.....	do.....	130 00
		Sutherland, A. H.....	do.....	150 00
		Vance, T. J.....	do.....	90 00
		Allen, Louis.....	do.....	45 00
		Beck, J. B.....	do.....	166 68
		Carnahan, D. H.....	do.....	112 50
		Carry, Charles.....	do.....	110 00
		Eppels, Joseph.....	do.....	90 00
		FitzGerald, J. D., II.....	do.....	225 00
		Moore, O. H.....	do.....	120 00
		Oliver, T. E.....	do.....	250 00
		Schulters, J. R.....	do.....	80 00
		Seymour, A. R.....	do.....	166 68
		Turner, L. M.....	do.....	150 00
		Wesenberg, T. G.....	do.....	90 00
		Hayes, E. C.....	do.....	275 00
		Todd, A. J.....	do.....	141 68
		Adams, C. C.....	do.....	137 50
		Chenoweth, H. E.....	do.....	30 00
		Cobb, Margaret V.....	do.....	30 00
		Faust, E. C.....	do.....	60 00
		Green, Bessie R.....	do.....	60 00
		Heimbürger, H. V.....	do.....	60 00
		Johnson, Gertrude.....	do.....	40 00
		Kingsley, J. S.....	do.....	291 66
		Links, R. H.....	do.....	60 00
		May, H. G.....	do.....	30 00
		Smith, Frank.....	do.....	250 00
		Stunkard, H. W.....	do.....	30 00
		VanCleave, H. J.....	do.....	120 00
		Ward, H. B.....	do.....	416 68
		Wells, Grace E.....	do.....	30 00
		Zeleny, Charles.....	do.....	250 00
		Hanson, F. B (Student).....	do.....	60 00
		Kindley, David.....	do.....	500 00
		Wright, A. B.....	do.....	50 00
		Austin, Louise.....	do.....	25 00
		Bayley, Paul.....	do.....	25 00
		Blaney, Lillian.....	do.....	25 00
		Brandner, A. R.....	do.....	25 00
		Browne, Lois A.....	do.....	25 00
		Clark, Helen.....	do.....	25 00
		Coultas, Lois M.....	do.....	25 00
		Cushing, Helen I.....	do.....	25 00
		Dewey, Ida B.....	do.....	25 00
		Fisher, L. N.....	do.....	25 00
		Garman, Philip.....	do.....	25 00
		Haskett, Aloa A.....	do.....	25 00
		Heck, A. O.....	do.....	25 00
		Ingels, Nelle L.....	do.....	25 00
		Kile, Jessie J.....	do.....	25 00
		Knight, C. K.....	do.....	25 00
		Knoche, Viola E.....	do.....	25 00
		Lamb, B. F.....	do.....	25 00
		Lantz, C. W.....	do.....	25 00
		Lawrence, Matthew.....	do.....	25 00
		Lincoln, Warren.....	do.....	25 00
		McKenna, E. L.....	do.....	25 00
		Mathews, Howard.....	do.....	25 00
		Miles, Lois M.....	do.....	25 00
		Miller, Jessie F.....	do.....	25 00
		Pasmore, D. F.....	do.....	25 00
		Parker, Karr.....	do.....	25 00
		Partridge, N. L.....	do.....	25 00
		Paulson, P. A.....	do.....	25 00
		Ray, S. H.....	do.....	25 00
		Reeves, H. P.....	do.....	25 00
		Schinnerer, O. P.....	do.....	25 00
		Shewhart, W. A.....	do.....	25 00
		Siebens, Thekla M.....	do.....	25 00
		Stevens, W. E.....	do.....	25 00
		Stokes, C. N.....	do.....	25 00
		Sullivan, W. W.....	do.....	25 00
		Theilen, Margaret K.....	do.....	25 00
		Thoreen, Edna A.....	do.....	25 00
		Thorne, Mabel E.....	do.....	25 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 3681 <i>Cld.</i>	1913. Dec. 8	Wilber, A. S.	Salary, December, 1913.	\$ 25 00
		Wilson, W. H.	do.	25 00
		Wolf, H. C.	do.	25 00
		Wolfe, W. S.	do.	25 00
		Brown, R. W.	do.	35 00
		Carroll, W. E.	do.	40 00
		Clark, F. E.	do.	35 00
		Conel, J. L.	do.	35 00
		Cort, W. W.	do.	30 00
		Farwell, S. P.	do.	40 00
		Fracker, S. B.	do.	35 00
		Gittins, Elizabeth M.	do.	30 00
		Gutberlet, J. E.	do.	40 00
		Harder, O. E.	do.	30 00
		Heuse, E. O.	do.	40 00
		Holley, C. E.	do.	35 00
		Howard, J. W.	do.	30 00
		Johnson, Morris.	do.	30 00
		Kircher, E. A. T.	do.	40 00
		Lehenbauer, P. A.	do.	40 00
		Macfarlane, Wallace.	do.	35 00
		McGregor, H. H.	do.	35 00
		Mathewson, L. C.	do.	40 00
		Millard, E. B.	do.	40 00
		Miller, J. E.	do.	35 00
		Peine, A. F.	do.	35 00
		Russell, F. A.	do.	35 00
		Voegelien, Lily B.	do.	30 00
		Watson, Minnie E.	do.	35 00
		Wright, Quincy.	do.	30 00
		Wyatt, F. A.	do.	35 00
		Belt, J. H.	do.	50 00
		Hadley, H. F.	do.	50 00
		McDermet, Rudolph.	do.	50 00
		Maney, G. A.	do.	50 00
		Montgomery, Julian.	do.	50 00
		Nebel, M. L.	do.	50 00
		Pogue, R. B.	do.	50 00
		Thomas, H. R.	do.	50 00
		Wohlenberg, W. J.	do.	50 00
		Bond, Ethel.	do.	83 33
		Curtis, Florence R.	do.	133 33
		Reece, E. J.	do.	133 33
		Simpson, Frances.	do.	166 66
		Harding, A. A.	do.	180 00
		Kirkup, Florence M.	do.	100 00
		Mills, C. H.	do.	225 00
		Morphy, E. W.	do.	170 00
		Nasmyth, H. D.	do.	170 00
		Schwartz, G. F.	do.	183 33
		Simon, Anna.	do.	100 00
		Smith, Constance Barlow.	do.	166 66
		Townsend, L. L.	do.	120 00
		Treat, Edna A.	do.	100 00
		Van den Berg, H. J.	do.	180 00
		Langelier, W. F.	do.	125 00
		Colson, H. W.	do.	100 00
		Clark, A. H.	do.	150 00
		Day, W. B.	do.	108 33
		Day, W. B.	do.	100 00
		Eicher, B. L.	do.	100 00
		Fantus, Bernard.	do.	50 00
		Gathercoal, E. N.	do.	130 00
		Snow, C. M.	do.	150 00
O 3682	do.	Pay roll	December, 1913	\$ 90 00
O 3683	do.	Mills, Guy G.	Salary, December, 1913	90 00
		Pay roll (civil service employees).	December, 1913	9,245 77
		Alexander, Lilla.	Salary, December, 1913	65 00
		Alley, W. E.	do.	85 00
		Amos, Winifred L.	do.	75 00
		Atkinson, C. E.	do.	141 66
		Beyer, Melinda L.	do.	75 00
		Blackwell, Mary.	do.	55 00
		Boice, L. A.	do.	125 00
		Bowen, Evalena.	do.	65 00
		Broadhurst, Tabitha J.	do.	75 0
		Brown, Ina M.	do.	60 00
		Bryan, Sarah E.	do.	70 00
		Buckles, Mildred.	do.	65 00



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 3683 Ctd.	1913. Dec.	8 Buckler, Helen I.....	Salary, December, 1913 \$ 60 00	
		Burr, Ruth.....	do.....	50 00
		Cass, Elizabeth H.....	do.....	65 00
		Crawford, C. C.....	do.....	65 00
		Cover, Hazel.....	do.....	166 66
		Cunningham, H. E.....	do.....	75 00
		Custer, Emma L.....	do.....	50 00
		Dalton, C. E.....	do.....	70 00
		Emigh, Edith.....	do.....	80 00
		Feind, Frances.....	do.....	40 00
		Feldkamp, Amelia.....	do.....	50 00
		Fieg, Robert.....	do.....	50 00
		Foss, Margaret C.....	do.....	65 00
		Fraser, Viola.....	do.....	75 00
		Gage, Marjorie H.....	do.....	50 00
		Gallagher, Marion B.....	do.....	70 00
		Garwood, Frances.....	do.....	50 00
		Goetz, Antoinette.....	do.....	55 00
		Gordon, Marie A.....	do.....	70 00
		Griffith, Mabel.....	do.....	60 00
		Halliday, Mable.....	do.....	75 00
		Hamilton, Mrs. Alice V.....	do.....	120 00
		Havens, Charles.....	do.....	166 66
		Hay, N.....	do.....	60 00
		Heater, Myrtle E.....	do.....	83 33
		Horchens, Josie B.....	do.....	65 00
		Hull, A. H.....	do.....	60 00
		Humrichouse, Katie L.....	do.....	60 00
		Johnson, Gertrude E.....	do.....	183 33
		Kelley, J. H.....	do.....	50 00
		Kirwin, Nora.....	do.....	150 00
		Knapp, Aurelia.....	do.....	75 00
		Knoft, L. E.....	do.....	50 00
		Lahr, Lawrence.....	do.....	55 00
		Lamb, Alice B.....	do.....	91 66
		Lee, A. R.....	do.....	40 00
		Leitz, Louise A.....	do.....	65 00
		Love, Mary E.....	do.....	250 00
		McCorm, C. M.....	do.....	40 00
		McElhee, Hester Elizabeth.....	do.....	83 33
		McCurry, Agnes.....	do.....	50 00
		McIntire, W. A.....	do.....	83 33
		Manspeaker, L. Mae.....	do.....	60 00
		Meneley, Maude E.....	do.....	50 00
		Merchant, Donna.....	do.....	65 00
		Meseck, R.....	do.....	70 00
		Miller, Mary.....	do.....	90 00
		Miller, C. F.....	do.....	125 00
		Morey, Lloyd.....	do.....	166 66
		Murray, J. A.....	do.....	110 00
		Murphy, Morris.....	do.....	80 00
		Needham, Lucile.....	do.....	60 00
		Nyberg, Florence A.....	do.....	208 33
		Oberdorfer, H. D.....	do.....	75 00
		Packard, Bessie.....	do.....	55 00
		Peel, Elizabeth C.....	do.....	55 00
		Peel, Thomas.....	do.....	75 00
		Poll, Lillian.....	do.....	75 00
		Post, Frederick.....	do.....	55 00
		Potter, Mable.....	do.....	191 66
		Postlewait, Harriet L.....	do.....	75 00
		Power, E.....	do.....	75 00
		Fulling, Elizabeth.....	do.....	50 00
		Futman, Farris.....	do.....	75 00
		Kein, Lillian E.....	do.....	75 00
		Kein, Myrtle.....	do.....	30 00
		Kickeths, Clara.....	do.....	30 00
		Kigs, Bess Nellie.....	do.....	70 00
		Robertson, Nellie.....	do.....	40 00
		Roberts, Della M.....	do.....	60 00
		Stanhart, Mary.....	do.....	55 00
		Sharp, Etta L.....	do.....	40 00
		Sharp, Hazel Y.....	do.....	65 00
		Shepard, Anna L.....	do.....	100 00
		Shops, Anna.....	do.....	125 00
		Slater, Sara M.....	do.....	60 00
		Smith, Florence E.....	do.....	75 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 3683 Cld.	1913. Dec. 8	Smith, I. M.	Salary, December, 1913	\$125 00
		Smith, Mayme L.	do.	65 00
		Staples, O. E.	do.	150 00
		States, Bertha G.	do.	50 00
		Stevens, Sabra.	do.	65 00
		Steitz, Alfred.	do.	85 00
		Stricklan, Freda O.	do.	65 00
		Thompson, M. E.	do.	90 00
		Towne, L. J.	do.	175 00
		Tuttle, G. P.	do.	100 00
		Tyrrell, Josephine.	do.	50 00
		Vaibel, D.	do.	60 00
		Voight, Lida E.	do.	83 33
		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
		Leonard, Russell.	do.	45 83
		Lonius, J. O.	do.	90 00
		Magruder, Ira W.	do.	70 00
		Math, E. R.	do.	125 00
		Paulus, William H.	do.	55 00
		Reid, Olive G.	do.	50 00
		Ressler, Milton.	do.	80 00
		Vanderbeek, H. J.	do.	65 00
		Wright, G. E.	do.	125 00
O 3684	do.	Vaughans Seed Store.	General supplies.	\$ 93
O 3685	do.	Shavings & Sawdust Co.	Shavings.	94 87
O 3686	do.	G. Cramer Dry Plate Co.	General supplies.	28 23
O 3687	do.	Royal A. Stipes.	do.	3 30
O 3688	do.	Weston Electrical Instrument Co.	Apparatus repairs.	13 10
O 3689	do.	The Linde Air Products Co.	Laboratory supplies.	1 50
O 3690	do.	Arthur H. Clark Co.	Library supplies.	3 00
O 3691	do.	Eugene Dietzgen Co.	Office supplies.	2 55
O 3692	do.	Crane Co.	Supplies.	84 19
O 3693	do.	A. H. Barber Creamery Supply Co.	General supplies.	24 00
O 3694	do.	General Electric Co.	Laboratory apparatus.	33 00
O 3695	do.	Twin City Creamery Co.	General supplies.	52 50
O 3696	do.	Eisner Grocery Co.	do.	11 29
O 3697	do.	The Creamery Package Mfg. Co.	Apparatus repairs.	2 50
O 3698	do.	The Howe Scale Co.	Supplies.	35 35
O 3699	do.	D. H. Lloyd.	General supplies.	1 95
O 3700	do.	Illinois State Reformatory.	do.	36 50
O 3701	do.	Phoenix Nursery Co.	do.	80
O 3702	do.	American Radiator Co.	Plumbing.	5 53
O 3703	do.	James B. Clow & Sons.	Tools.	25 60
O 3704	do.	Benjamin & Wilson.	Machine repairs.	1 35
O 3705	do.	B. A. Rallton Co.	Cafe supplies.	39 25
O 3706	do.	Courrier Des Etats-Unis.	Library supplies.	33 60
O 3707	do.	Dennison Mfg. Co.	Office supplies.	31 00
O 3708	Dec. 9	Ward's Natural Establishment.	Laboratory supplies.	61 75
O 3709	do.	Lewis Electric Supply Co.	Electrical supplies.	22 24
O 3710	do.	Angle Steel Co.	Stools.	2 58
O 3711	do.	Henry Bruns.	Harpoon fork.	1 25
O 3712	do.	Hess Warming & Ventilating Co.	Laboratory supplies.	11 81
O 3713	do.	American Multigraph Sales Co.	Office supplies.	1 70
O 3714	do.	International Harvester Co.	Machine repairs.	1 33
O 3715	do.	P. S. Campbell.	Printing.	29 25
O 3716	do.	Charles Englehard.	Galvanometer.	8 00
O 3717	do.	Gardiner S. Rogers, Agent.	Stationery.	16 80
O 3718	do.	The Warren Brush Co.	Brushes and handles.	12 60
O 3719	do.	James B. Clow & Sons.	Plumbing materials.	12 60
O 3720	do.	Narragansett Machine Co.	Dumb bells.	26 00
O 3721	do.	Ward Brothers.	Binders.	4 50
O 3722	do.	United States Infantry Assn.	Books.	1 75
O 3723	do.	Forest Press.	Pamphlets.	18 85
O 3724	do.	The Willis Music Co.	Music.	9 17
O 3725	do.	Willett & Gray.	Subscription.	5 00
O 3726	do.	American Assn. for Advancement of Science.	Dues.	3 00
O 3727	do.	John A. Lapp, Manager.	Subscription.	25 00
O 3728	do.	The Peoples Gas Light & Coke Co.	Stove lease.	22 00
O 3729	do.	Haussmann & Dunn.	Thermometers.	5 00
O 3730	do.	The Soft Water Laundry Co.	Laundry.	11 22
O 3731	do.	Pyrene Co. of Illinois.	Fire extinguishers.	12 00
O 3732	do.	R. R. Bowker Co.	Printing.	20 00
O 3733	do.	Champaign Bottling Works.	Laboratory supplies.	2 00
O 3734	do.	A. C. Durr.	do.	1 20

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
O 3735	Dec. 9	United States Patent Office.....	Pamphlets.....	\$ 2 40
O 3736	do.	The W. S. Tyler Co.....	Sieves.....	21 30
O 3737	do.	French Battery & Carbon Co.....	Batteries.....	21 00
O 3738	do.	Sears, Roebuck & Co.....	Putty.....	7 00
O 3739	do.	Shavings & Sawdust Co.....	Shavings.....	76 82
O 3740	do.	Electric Appliance Co.....	Motor.....	21 30
O 3741	do.	Montgomery, Ward & Co.....	Matches.....	11 25
O 3742	do.	Paul O. Abbe.....	Laboratory jars.....	51 00
O 3743	do.	Wm. Sim Drug Co.....	Lintiment, Iodine.....	2 00
O 3744	do.	Swift & Co.....	General supplies.....	142 50
O 3745	do.	D. T. Dobbins.....	Grinding corn.....	4 08
O 3746	do.	American Hampshire Sheep Assn.....	Registration fee.....	8 25
O 3747	do.	William F. Kasting Co.....	Nursery stock.....	13 50
O 3748	do.	The E. C. Brown Co.....	Auto-spray, etc.....	8 37
O 3749	do.	H. D. Oberdorfer.....	Traveling expenses.....	10 80
O 3750	do.	Leroy Iler.....	Field expenses.....	112 70
O 3751	do.	E. H. Sargent & Co.....	Laboratory supplies.....	126 27
O 3752	do.	John H. Doyle.....	Hardware supplies.....	54 40
O 3753	do.	Flanigan-Pearson Co.....	Printing.....	375 11
O 3754	do.	S. E. Huff & Co.....	Lumber, coal.....	278 00
O 3755	do.	Western Electric Co.....	Electrical materials.....	171 71
O 3756	do.	Twin City Roofing Co.....	Labor, material.....	61 37
O 3757	do.	Taylor Hardware Co.....	Supplies.....	106 16
O 3758	do.	Bryan-Marsh Electric Works.....	Lamps.....	292 37
O 3759	do.	Henry J. Green.....	Laboratory apparatus.....	184 05
O 3760	do.	Electric Coal Co.....	Coal.....	113 22
O 3761	do.	C. A. Denman.....	Painting, paints.....	187 39
O 3762	do.	The Letter Shop.....	Clerical assistance.....	47 45
O 3763	do.	The Boston Book Co.....	Books.....	63 39
O 3764	do.	American Steel & Wire Co.....	Fencing.....	124 78
O 3765	do.	N. T. Peirce.....	Field expenses.....	17 80
O 3766	do.	H. A. Aldrich & Co.....	Supplies.....	103 66
O 3767	do.	John Reichard.....	Corn.....	100 76
O 3768	do.	The Tablet & Ticket Co.....	Office supplies.....	15 34
O 3769	do.	Alexander Lumber Co.....	Lumber, coal.....	62 15
O 3770	do.	Standard Oil Co.....	Oil.....	17 90
O 3771	do.	Bacon Brothers.....	Supplies.....	50 20
O 3772	do.	Williams Bros.....	Painting.....	148 20
O 3773	do.	Walker & Mulliken.....	Repairs.....	4 95
O 3774	do.	F. K. Robeson.....	Cloth.....	11 98
O 3775	do.	Bausch & Lomb Optical Co.....	Laboratory supplies.....	17 56
O 3776	do.	Percival & Moorehead.....	Repairs.....	1 25
O 3777	do.	R. C. Wagner & Son.....	Coal, etc.....	20 83
O 3778	do.	G. W. Sheldon & Co.....	Customs charges.....	16 52
O 3779	do.	Twin City Printing Co.....	Printing.....	154 70
O 3780	do.	Champaign Seed Co.....	General supplies.....	55 54
O 3781	do.	The Chas. A. Hall Hardware Co.....	do.....	30 96
O 3782	do.	F. L. Leslie.....	Cases.....	46 60
O 3783	do.	B. A. Strauch.....	Services.....	52 80
O 3784	do.	Knowlton & Bennett.....	Building supplies.....	10 95
O 3785	do.	Bennett's Magazine Agency.....	Magazine.....	31 00
O 3786	do.	Marshall Field & Co.....	Supplies.....	28 80
O 3787	do.	Fuller & Fuller.....	Laboratory supplies.....	34 01
O 3788	do.	R. D. Swishner Mfg. Co.....	Office supplies.....	22 30
O 3789	do.	Morrison, Plummer & Co.....	Laboratory supplies.....	83 75
O 3790	do.	A. C. McClurg & Co.....	do.....	1 02
O 3791	do.	Cameron, Amberg & Co.....	Office supplies.....	30 75
O 3792	do.	A. Daigger & Co.....	Laboratory supplies.....	49 50
O 3793	do.	Warner Machinery Co.....	Office equipment.....	69 71
O 3794	do.	Chicago Telephone Co.....	Services.....	22 99
O 3795	do.	G. E. Stechert & Co.....	Books.....	291 50
O 3796	do.	A. C. McClurg & Co.....	Office supplies.....	132 69
O 3797	do.	Ernst Hertzberg & Sons.....	Library supplies.....	236 46
O 3798	do.	Dr. Edgar J. Banks.....	Specimens.....	1,500 00
O 3799	do.	Reliable Plumbing & Heating Co.....	Plumbing.....	3 91
O 3800	do.	Taylor Hardware Co.....	Fixtures.....	1 76
O 3801	do.	Central Electric Co.....	Laboratory supplies.....	1 67
O 3802	do.	Standard Oil Co.....	General supplies.....	1 50
O 3803	do.	The Tablet & Ticket Co.....	Office supplies.....	10 74
O 3804	do.	The Weis Mfg. Co.....	do.....	6 75
O 3805	do.	Kouffel & Esser Co.....	do.....	2 56
O 3806	do.	Tower Mfg. & Novelty Co.....	do.....	5 47
O 3807	do.	A. A. Harding.....	Traveling expenses.....	11 64
O 3808	do.	J. E. Smith.....	Survey expenses.....	34 55
O 3809	do.	W. C. Coffey.....	Traveling expenses.....	24 54
O 3810	do.	V. A. Place.....	do.....	9 44
O 3811	do.	R. W. Dickenson and party.....	do.....	27 41
O 3812	do.	John Heffernan & Son.....	Laboratory supplies.....	4 80
O 3813	do.	The Linde Air Products Co.....	do.....	3 00

OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
1913.				
O 3814	Dec. 9	Hoskins Mfg. Co. ....	Apparatus repairs .....	\$ 1 60
O 3815	do	Standard Scientific Co. ....	Laboratory supplies .....	5 20
O 3816	do	H. W. Johns Manville Co. ....	Building material .....	10 25
O 3817	do	Twin City Electric Co. ....	Supplies .....	5 00
O 3818	do	G. Cramer Dry Plate Co. ....	General supplies .....	3 65
O 3819	do	Henry McGlade .....	Apparatus repairs .....	6 00
O 3820	do	Ward Bros. ....	Supplies .....	11 50
O 3821	do	Armin H. Koller .....	Services .....	3 00
O 3822	do	Fairbanks, Morse & Co. ....	Laboratory apparatus .....	39 00
O 3823	do	Arthur A. Cole .....	Laboratory supplies .....	9 00
O 3824	do	Richard G. Badger .....	do .....	13 10
O 3825	do	The Miller Harness Co. ....	Supplies .....	7 50
O 3826	do	D. T. Dobbins .....	do .....	3 42
O 3827	do	Standard Cap & Seal Co. ....	Rentals .....	4 50
O 3828	do	James G. Biddle .....	Laboratory apparatus .....	280 80
O 3829	do	Wm. Crede .....	Live stock .....	8 00
O 3830	do	Edward Pennoek .....	Laboratory apparatus .....	292 50
O 3831	do	C. S. Brimley .....	Laboratory supplies .....	5 95
O 3832	do	L. C. Smith & Bros .....	Office equipment .....	26 00
O 3833	do	University Press .....	Programs .....	3 25
O 3834	do	A. E. Wuesterman .....	Music .....	4 50
O 3835	do	American Multipograph Sales Co. ....	Office equipment repairs .....	2 60
O 3836	do	National Engraving Co. ....	Supplies .....	88 20
O 3837	do	G. C. Willis .....	Laboratory supplies .....	1 20
O 3838	do	Edwards & Wharton .....	Lumber .....	38 40
O 3839	do	E. Bartholomew .....	Library supplies .....	12 20
O 3840	do	Mathews Richardson & Co. ....	General supplies .....	2 50
O 3841	do	Gaylord Bros .....	do .....	6 80
O 3842	do	Houser & Sutton .....	Supplies .....	174 64
O 3843	do	P. S. Campbell .....	do .....	15 50
O 3844	do	C. H. Stoelting Co. ....	Laboratory apparatus .....	57 16
O 3845	Dec. 11	Indian Refining Co. ....	Oil .....	28 59
O 3846	do	General Electric Co. ....	General supplies .....	35 48
O 3847	do	National Steam Specialty Co. ....	Valves .....	28 37
O 3848	do	H. McFadden & Bro. ....	Rye .....	6 00
O 3849	do	Chicago Steel Tape Co. ....	Steel tape .....	11 20
O 3850	do	Wm. Sim Drug Co. ....	Paint .....	1 00
O 3851	do	F. M. Leslie .....	Laboratory apparatus .....	7 25
O 3852	do	G. & W. Electric Specialty Co. ....	Electrical materials .....	24 30
O 3853	do	Bennett's Magazine Agency .....	Magazines .....	25 90
O 3754	do	The C. C. C. & St. L. Ry. Co. ....	Freight .....	23 88
O 3855	do	The Wabash R. R. Co. ....	do .....	190 05
O 3856	do	Reliable Plumbing & Heating Co. ....	Plumbing .....	122 95
O 3857	Dec. 10	Wabash R. R. Co. ....	Freight .....	1 24
O 3858	do	C. C. C. & St. L. R. R. Co. ....	do .....	25 95
O 3859	do	Illinois Traction System .....	do .....	13 71
O 3860	do	Illinois Central R. R. Co. ....	do .....	12 68
O 3861	Dec. 11	W. Lewis & Co. ....	Office supplies .....	13 71
O 3862	do	Commercial Telephone & Telegraph Co. ....	Service .....	6 00
O 3863	do	F. K. Robeson .....	Cloth .....	10 88
O 3864	do	The Chas. A. Hall Hardware Co. ....	Cement, etc. ....	4 75
O 3865	do	Ernst Hertzberg & Sons .....	Binding .....	16 11
O 3866	do	The Letter Shop .....	Mimeographing .....	17 25
O 3867	do	Champaign Steam Laundry .....	Laundry .....	22 92
O 3868	do	Bacon Bros .....	Supplies .....	7 75
O 3869	do	Twin City Printing Co. ....	Printing, etc. ....	21 70
O 3870	do	The Burr Co. ....	Foundry work, etc. ....	42 66
O 3871	do	D. H. Lloyd .....	Supplies .....	41 18
O 3872	do	Leavitt Mfg. Co. ....	Foundry work .....	24 95
O 3873	do	Eisner Grocery Co. ....	Gold dust, etc. ....	13 25
O 3874	do	Metzler & Schafer Co. ....	Jars .....	12 85
O 3875	do	Irving-Pitt Mfg. Co. ....	Supplies .....	5 36
O 3876	do	Barnhart Bros .....	Screws .....	1 60
O 3877	do	H. F. Bremer .....	Labor, materials .....	1,210 14
O 3878	do	The Standard Calorimeter Co. ....	Laboratory apparatus .....	19 42
O 3879	do	Chester Horseshoeing Shop .....	Horseshoeing .....	25 50
O 3880	do	Irving-Pitt Manufacturing Co. ....	Supplies .....	2 22
O 3881	do	The Letter Shop .....	Typing .....	2 80
O 3882	do	Twin City Ice & Cold Storage Co. ....	Water .....	1 50
O 3883	do	E. H. Sargent & Co. ....	Laboratory supplies .....	9 80
O 3884	do	J. W. Butler Paper Co. ....	Printing, etc. ....	120 68
O 3885	do	Chicago Label & Box Co. ....	Boxes, labels .....	21 30
O 3886	do	Maas Bros .....	Laboratory apparatus .....	79 35
O 3887	do	V. Mueller & Co. ....	do .....	136 55
O 3888	do	Western Lumber Co. ....	Lumber .....	18 22
O 3889	do	Morrison, Plummer & Co. ....	Chemicals .....	25 85
O 3890	do	Mary A. Manny .....	Refunds .....	45 00
O 3891	do	Dr. L. Schultze .....	do .....	40 00
O 3892	do	Peter J. Kraye .....	Inspection & repairs .....	120 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
O 3893	Dec. 11	W. L. Mays	Hauling	\$ 30 00
O 3894	do	John A. Rumer	Hauling, husking	10 65
O 3895	do	P. D. Long	Field expenses	64 65
O 3896	do	J. W. Dow	do	94 77
O 3897	do	Jacob Ten Boer	do	17 75
O 3898	do	Geo. W. Medley	do	56 08
O 3899	do	Harry C. Gilkerson	Traveling expenses	16 83
O 3900	do	F. M. Simpson	do	31 83
O 3901	do	J. L. Edmunds	do	26 14
O 3902	do	W. A. Wood	Tiling	136 00
O 3903	do	Geo. Banta Publishing Co.	Printing	213 23
O 3904	do	The University Press	do	2 25
O 3905	do	The Chester Transfer Co.	Conveyances	5 00
O 3906	do	Tower Mfg. & Novelty Co.	Office supplies	51 86
O 3907	do	J. W. Butler Paper Co.	Paper	79 46
O 3908	do	Shaw-Walker Co.	Office supplies	17 56
O 3909	do	A. C. McClurg & Co.	do	47 25
O 3910	do	J. M. Smith	Machine repairs	1 35
O 3911	do	S. E. Huff & Co.	Lumber	2 20
O 3912	do	E. B. Paine	Traveling expenses	14 67
O 3913	do	Morgan Brooks	do	15 17
O 3914	do	D. F. McFarland	do	11 99
O 3915	do	A. B. Dick Co.	Stencil paper	8 09
O 3916	do	Paxton Mfg. Co.	Pneumatic cushions	6 00
O 3917	do	H. L. Bookfinger	Tyrian bands	13 07
O 3918	do	Eugene Dietzgen Co.	Office supplies	5 69
O 3919	do	Stevens, Maloney & Co.	do	10 52
O 3920	do	United States Blue Print Paper Co.	Tracing paper	10 80
O 3921	do	Library Bureau	Manila folders	2 50
O 3922	do	H. A. Hollister	Traveling expenses	28 91
O 3923	do	Weil Bros.	Plumbing	146 20
O 3924	do	E. H. Waldo	Traveling expenses	22 23
O 3925	do	C. E. Durst	do	4 59
O 3926	do	O. S. Watkins	do	10 74
O 3927	do	W. A. Geise	Packing	4 18
O 3928	do	N. J. Bartlett & Co.	Bibles	71 20
O 3929	do	Neostyle Co.	Pads	1 08
O 3930	do	American Tamworth Swine Record Assn	Book	1 00
O 3931	do	The New York Times	Index	2 00
O 3932	do	Twin City Roofing Co.	Labor, materials	13 81
O 3933	do	O. E. Staples, Bursar	General labor	127 86
O 3934	do	O. E. Staples, Bursar	Student labor	409 79
O 3935	Dec. 12	W. W. Walls & Co.	General improvements	10 60
O 3936	do	Twin City Roofing Co.	Building material	3 00
O 3937	do	The Scharffer & Budenberg Co.	Repairs	81
O 3938	do	Swartz Electric Shop	Laboratory supplies	75
O 3939	do	E. M. Leslie	Picture	1 35
O 3940	do	The Tablet & Ticket Co.	Supplies	9 09
O 3941	do	Eimer & Amend	Laboratory supplies	20 64
O 3942	do	Barnhart Bros.	General supplies	24 40
O 3943	Dec. 13	F. K. Robeson	Toweling, etc.	10 75
O 3944	do	Eggleston's Music House	Piano rent	66 00
O 3945	do	H. K. Mumford	Traveling expenses	24 24
O 3946	do	W. J. Carmichael	do	17 24
O 3947	do	C. C. Logan	do	33 21
O 3948	do	J. W. Nave	Tiling	15 45
O 3949	do	J. E. Whitchurch	Field expenses	27 31
O 3950	do	Stephen Rogers	do	103 30
O 3951	do	Maud Parsons	Traveling expenses	9 94
O 3952	do	The Frederick Post Co.	Paper	17 40
O 3953	do	Emmett Fiscus	Wheat straw	27 05
O 3954	do	James B. Clow & Sons	Plumbing materials	4 00
O 3955	do	Knowlton & Bennett	Meat extract	5 50
O 3956	do	Ed. Gordin	Horse	205 00
O 3957	do	Fairbanks, Morse & Co.	Testers	19 60
O 3958	do	Martin Metz	Wagon axle	4 00
O 3959	do	Carbondale Printing Co.	Printing	39 25
O 3960	do	Derrrough & Co.	Supplies	1 50
O 3961	do	C. A. Denman	Glass, putty, painting	242 51
O 3962	do	Pearl Adams	Labor	132 81
O 3963	do	John B. Bennett	Plumbing materials	18 50
O 3964	do	R. B. Johnson	Cane seats	6 00
O 3965	do	Chas. H. Miller	Slides, etc.	75 25
O 3966	do	W. W. Lindley, P. M.	Postage	1 05
O 3967	do	International Press Clipping Bureau	Clipping service	5 00
O 3968	do	C. T. Bailey	Cow	295 00
O 3969	do	J. H. & J. W. VanNatta	do	500 00
O 3970	do	G. E. Stechert & Co.	Books	18 92
O 3971	do	Knight & Struck Co.	Supplies	18 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
O 3972	Dec. 13	Kutz Stationery Co.	Diaries.	\$ 31 54
O 3973	..do.	W. E. Johns.	1914 Illio.	2 00
O 3974	..do.	Irving-Pitt Mfg. Co.	Ledgers, indexes.	10 09
O 3975	..do.	Leavitt Mfg. Co.	Laboratory apparatus.	53 10
O 3976	..do.	C. E. Durst.	Traveling expenses.	9 64
O 3977	..do.	J. W. Lloyd.	..do.	48 05
O 3978	..do.	B. S. Pickett.	..do.	106 79
O 3979	..do.	Franz A. Aust.	..do.	33 79
O 3980	..do.	H. A. Harding.	..do.	46 77
O 3981	..do.	K. J. T. Ekblaw.	..do.	1 60
O 3982	..do.	H. C. Wheeler.	..do.	25 19
O 3983	..do.	R. W. Dickenson.	..do.	7 07
O 3984	..do.	Stella M. Hague.	Laboratory supplies.	7 28
O 3985	..do.	Montgomery, Ward & Co.	..do.	42 70
O 3986	..do.	Standard Oil Co.	General supplies.	15 85
O 3987	..do.	Densmore & LeClear.	Pictures.	25 89
O 3988	..do.	American Electric Co.	General supplies.	6 00
O 3989	..do.	American Radiator Co.	Valves.	1 84
O 3990	..do.	Frederick B. Wright.	Portraits.	10 00
O 3991	..do.	Harrington Mfg. Co.	Mail straps.	1 32
O 3992	..do.	Urbana & Champaign Ry. Gas & Elec tric Co.	Meter.	7 50
O 3993	..do.	Henry A. Dreer, Inc.	Laboratory supplies.	13 51
O 3994	..do.	The Austin Engraving Co.	General supplies.	1 26
O 3995	..do.	George E. Amsbury Co.	Sheeting.	11 25
O 3996	..do.	General Electric Co.	Fans.	24 40
O 3997	..do.	G. Cramer Dry Plate Co.	General supplies.	30 79
O 3998	..do.	The Lumiere Jougla Co.	Paper.	2 80
O 3999	..do.	Dallenbach Bros.	Meat, lard.	50 68
O 4000	..do.	Chicago Packing House.	Meat.	57 29
O 4001	..do.	J. S. Reimund.	Cafe supplies.	34 59
O 4002	..do.	Farrar & Quinlan.	..do.	41 35
O 4003	..do.	Metzler & Schafer Co.	..do.	107 43
O 4004	..do.	John D. Bangs & Co.	Supplies.	25 24
O 4005	..do.	Twin City Creamery Co.	Butter.	35 20
O 4006	..do.	J. A. Roland.	Corn.	497 65
O 4007	..do.	Kny-Scheerer Co.	Laboratory apparatus.	9 75
O 4008	..do.	Houser & Sutton.	Hay.	149 87
O 4009	..do.	J. T. Baker Chemical Co.	Chemicals.	49 20
O 4010	..do.	Snyder, Spencer, Fish, Howe, Howser Curtis.	Testing.	113 00
O 4011	..do.	Roy N. Fargo.	Traveling expenses.	11 48
O 4012	..do.	Pearl Adams.	Feeding stuff.	222 32
O 4013	..do.	Automatic Electric Co.	Office equipment.	27 50
O 4014	..do.	Reliable Plumbing & Heating Co.	Plumbing.	74 00
O 4015	..do.	Ralph Chaplin.	Field expenses.	60 63
O 4016	..do.	George Curtis.	Traveling expenses.	9 39
O 4017	..do.	Earl Garver.	..do.	5 63
O 4018	Dec. 15	H. C. Lawson.	..do.	2 06
O 4019	..do.	E. M. Clark.	..do.	8 99
O 4020	..do.	H. F. Cogdall.	..do.	6 28
O 4021	..do.	Nelson H. Ouimette.	..do.	15 99
O 4022	..do.	M. R. Carlson.	..do.	23 65
O 4023	..do.	Chris C. Jensen.	..do.	2 68
O 4024	..do.	W. W. Yapp.	..do.	5 67
O 4025	..do.	W. J. Mann.	..do.	3 50
O 4026	..do.	J. C. Howser.	..do.	10 82
O 4027	..do.	E. G. Howe.	..do.	8 29
O 4928	..do.	Julien L. Fish.	..do.	7 46
O 4029	..do.	V. E. Spencer.	..do.	7 83
O 4030	..do.	L. C. Snyder.	..do.	9 17
O 4031	..do.	R. E. Gayle.	..do.	8 88
O 4032	..do.	Western Union Telegraph Co.	Service.	3 83
O 4033	..do.	Western Union Telegraph Co.	..do.	1 51
O 4034	..do.	Postal Telegraph Cable Co.	..do.	14 50
O 4035	..do.	Central Union Telephone Co.	..do.	18 15
O 4036	..do.	Illinois State Reformatory.	Charts.	5 50
O 4037	..do.	Godhart's Laundry.	Laundry.	47 39
O 4038	..do.	J. W. Allen & Co.	Gelatine.	32 00
O 4039	..do.	Stebbins Hardware Co.	Gas plate.	4 85
O 4040	..do.	Morrisson, Plummer Co.	Test tubes.	94 47
O 4041	..do.	A. C. McClurg & Co.	Office supplies.	58 29
O 4042	..do.	The Miller Harness Co.	Repairs.	12 95
O 4043	..do.	E. H. Sargent & Co.	Laboratory supplies.	29 70
O 4044	..do.	Metzler & Schafer Co.	..do.	4 80
O 4045	..do.	Bacon Bros.	..do.	9 00
O 4046	..do.	Urbana, Champaign Ry., Gas & Elec tric Co.	..do.	582 20
O 4047	..do.	White Line Laundry.	Laundry.	95 59

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
O 4048	Dec. 15	Champaign News.....	Advertising.....	\$ 18 19
O 4049	do.	Eugene Dietzgen Co.....	Office equipment.....	189 40
O 4050	do.	Woldenberg & Schaar.....	Laboratory supplies.....	63 30
O 4051	do.	Twin City Ice & Cold storage.....	Ice.....	6 00
O 4052	do.	The Shavings & Sawdust Co.....	Feeding stuffs.....	252 43
O 4053	do.	Ernst Hertzberg & Son.....	Library supplies.....	6 13
O 4054	do.	Merck & Co.....	Laboratory supplies.....	60 58
O 4055	do.	Bennets Magazine Agency.....	Office equipment.....	20 50
O 4056	do.	Spaulding & Quirk.....	Supplies.....	1 90
O 4057	do.	Illinois State Reformatory.....	Printing.....	218 85
O 4058	do.	U. of I. Supply Store.....	Office supplies.....	16 58
O 4059	do.	P. S. Campbell.....	Printing.....	18 25
O 4060	do.	Ideal Electric Co.....	Electrical supplies.....	34 50
O 4061	do.	Champaign Steam Laundry.....	Laundry.....	58 07
O 4062	do.	B. A. Strauch.....	General supplies.....	12 00
O 4063	do.	D. H. Lloyd.....	do.....	17 98
O 4064	do.	The Burr Co.....	do.....	10 70
O 4065	do.	Chas. A. Hall Hardware Co.....	do.....	11 17
O 4066	do.	John H. Doyle.....	Laboratory supplies.....	8 05
O 4067	do.	Ella R. Michaels.....	do.....	24 75
O 4068	do.	Physicians Supply & Drug Co.....	Laboratory apparatus.....	137 25
O 4069	do.	V. Mueller & Co.....	do.....	514 10
O 4070	do.	Chicago Towel Co.....	Laundry.....	49 60
O 4071	do.	Morrison, Plummer & Co.....	Laboratory supplies.....	142 44
O 4072	do.	J. B. Prescott & Son.....	Laboratory apparatus.....	90 00
O 4073	do.	Whitall-Tatum Co.....	Laboratory supplies.....	304 55
O 4074	do.	Kasens Express & Van Co.....	Freighting and express.....	38 48
O 4075	do.	Mallory & Mitchell.....	Advertising.....	15 00
O 4076	do.	Thos. Cusack & Co.....	Building contract.....	57 50
O 4077	do.	C. L. Frame Dental Supply Co.....	Laboratory supplies.....	4 50
O 4078	do.	Ritter Dental Supply House.....	Laboratory apparatus.....	7 00
O 4079	do.	S. S. White Dental Mfg. Co.....	Laboratory supplies.....	1 69
O 4080	do.	Cleveland Seating Co.....	Furniture and fixtures.....	20 00
O 4081	do.	H. M. Hooker Co.....	Building materials.....	7 01
O 4082	do.	International Forwarding Co.....	Freighting and express.....	7 45
O 4083	do.	Demonstrators Assn. of Illinois.....	Laboratory supplies.....	67 00
O 4084	do.	Crane Co.....	Plumbing repairs.....	2 01
O 4085	do.	E. H. Sargent & Co.....	Laboratory apparatus.....	5 00
O 4086	do.	I. Horrell.....	Building materials.....	5 25
O 4087	do.	Western Lumber Co.....	do.....	17 43
O 4088	do.	Henry Troemner.....	Laboratory apparatus.....	338 69
O 4089	do.	Dr. E. A. Peterson.....	Lecture.....	45 00
O 4090	do.	H. A. Hollister.....	Traveling expenses.....	22 43
O 4091	Dec. 16	M. B. Austin & Co.....	Electrical material.....	418 00
O 4092	do.	Wabash R. R.....	Freight.....	46 67
O 4093	do.	Illinois Traction System.....	do.....	4 08
O 4094	do.	Keuffel & Esser.....	Office supplies.....	4 11
O 4095	do.	Weis Mfg. Co.....	do.....	12 22
O 4096	do.	J. W. Butler Paper Co.....	do.....	73 75
O 4097	do.	A. C. McClurg & Co.....	do.....	15 44
O 4098	do.	D. H. Lloyd.....	do.....	49 71
O 4099	do.	Western Carbon & Ribbon Co.....	do.....	2 22
O 4100	do.	Mittendorf & Kiler.....	do.....	20 04
O 4101	do.	Schmerhorn Brothers Co.....	do.....	20 58
O 4102	do.	Neostyle Co.....	do.....	3 61
O 4103	do.	Kalamazoo Multicopy Co.....	do.....	4 00
O 4104	do.	Taylor Hardware Co.....	General supplies.....	2 77
O 4105	do.	D. H. Lloyd.....	Laboratory supplies.....	1 17
O 4106	do.	S. E. Huff & Co.....	Laboratory apparatus.....	5 05
O 4107	do.	John H. Doyle.....	Farm machinery.....	3 50
O 4108	do.	Walker & Mulliken.....	Furniture and fixtures.....	4 00
O 4109	do.	Chas. A. Hall Hardware Co.....	Farm machinery.....	19 00
O 4110	do.	Illinois State Reformatory.....	Printing.....	17 95
O 4111	do.	G. C. Willis.....	General supplies.....	1 80
O 4112	do.	Champaign Seed Co.....	Feeding stuffs.....	412 50
O 4113	do.	E. H. Sargent & Co.....	Laboratory supplies.....	76 60
O 4114	do.	International Instrument Co.....	Laboratory apparatus.....	4 09
O 4115	do.	A. S. Nelson & Sons.....	Laboratory supplies.....	5 48
O 4116	do.	Baker & Co.....	do.....	826 93
O 4117	Dec. 17	B. A. Strauch.....	do.....	13 60
O 4118	do.	Twin City Roofing Co.....	Laboratory apparatus.....	14 59
O 4119	do.	Twin City Ice & Cold Storage Co.....	Laboratory supplies.....	4 00
O 4120	do.	The Daily Illini.....	Advertising.....	5 28
O 4121	do.	Hibbard-Spencer-Bartlett Co.....	Laboratory apparatus.....	175 00
O 4122	do.	Marshall Field & Co.....	do.....	51 75
O 4123	do.	Champaign Bottling Works.....	do.....	2 25
O 4124	do.	Keystone Lubricating Co.....	Laboratory supplies.....	1 35
O 4125	do.	Reliable Plumbing & Heating.....	do.....	2 74
O 4126	do.	Burrongs Adding Machine Co.....	Office supplies.....	1 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1913.				
O 4127	Dec. 17	Twin City Bindery & Blank Book Co.	Printing.	\$ 10 50
O 4128	do.	B. F. Stevenson & Son.	Laboratory supplies.	1 23
O 4129	do.	General Refractories Co.	do.	22 50
O 4130	do.	Charles Englehard.	do.	240 00
O 4131	do.	The Illinois Agriculturist.	Printing and publishing.	85 00
O 4132	do.	Superintendent of Documents.	Library supplies.	5 00
O 4133	do.	National Biscuit Co.	Cafe supplies.	3 16
O 4134	do.	F. M. Leslie.	Furniture and fixtures.	5 15
O 4135	do.	Mittendorf & Kiler.	do.	7 50
O 4136	do.	John Smith.	Expenses and services.	10 00
O 4137	do.	W. F. Handschin.	Traveling expenses.	12 50
O 4138	do.	H. P. Rusk.	do.	19 09
O 4139	do.	C. W. Crabtree.	Hauling.	3 00
O 4140	do.	James H. Carter.	Field expenses.	42 00
O 4141	do.	Fred Falk.	do.	95 15
O 4142	do.	Barnhart Bros.	Laboratory supplies.	8 15
O 4143	do.	W. Lewis & Co.	do.	4 70
O 4144	do.	Benjamin & Wilson.	Field expenses.	17 55
O 4145	do.	Percival & Moorehead.	General supplies.	3 98
O 4146	do.	R. E. Hieronymous.	Lecture and traveling expenses.	158 32
O 4147	do.	Coast Products Co.	Cafe supplies.	42 56
O 4148	do.	Chester Horse Shoeing Shop.	Field expenses.	16 50
O 4149	do.	The Letter Shop.	Clerical assistance.	10 15
O 4150	do.	Knowlton & Bennett.	Laboratory supplies.	1 40
O 4151	do.	D. J. Dobbins.	Feeding stuffs.	13 14
O 4152	do.	Metzler & Schafer Co.	Laboratory supplies.	5 15
O 4153	do.	The Braun Corporation.	Apparatus repairs.	6 61
O 4154	do.	Dr. Stillians.	Laboratory supplies.	2 65
O 4155	do.	Boland Machinery Co.	Machine repairs.	19 25
O 4156	do.	W. J. Boland Machinery Co.	Plumbing.	3 90
O 4157	do.	Boland Machinery Co.	do.	4 00
O 4158	do.	Illinois Central R. R.	Freight.	27 31
O 4159	do.	C., C. C. & St. L. R. R.	do.	79 64
O 4160	Dec. 18	Funk & Wagnalls Co.	Library supplies.	15 50
O 4161	do.	F. M. Leslie.	Furniture and fixtures.	47 25
O 4162	do.	Fairbanks, Morse & Co.	Machine repairs.	27 81
O 4163	do.	Central Electric Co.	Electric supplies.	93 80
O 4164	do.	H. W. Johns-Manville Co.	General supplies.	25 00
O 4165	do.	Mittendorf & Kiler.	Furniture and fixtures.	6 00
O 4166	do.	Urbana & Champaign Ry., Gas & Electric Co.	Laboratory apparatus.	4 50
O 4167	do.	H. Mueller Mfg. Co.	Plumbing.	34 12
O 416	do.	Standard Oil Co.	General supplies.	25 53
O 4169	do.	G. C. Willis.	Janitors' supplies.	49 25
O 4170	do.	J. C. White.	Plastering.	266 00
O 4171	do.	C. A. Denman.	Painting.	36 75
O 4172	do.	D. H. Lloyd.	General supplies.	5 06
O 4173	do.	Percival & Moorehead.	Laboratory supplies.	5 77
O 4174	do.	Bacon Bros.	General supplies.	6 00
O 4175	do.	John H. Doyle.	do.	2 70
O 4176	do.	Alexander Lumber Co.	do.	7 09
O 4177	do.	Knowlton & Bennett.	Building material.	3 13
O 4178	do.	J. B. Bennett.	General supplies.	23 54
O 4179	do.	Western Electric Co.	Electrical supplies.	372 10
O 4180	do.	Twin City Roofing Co.	General supplies.	218 34
O 4181	do.	The Burr Co.	do.	11 14
O 4182	do.	Illinois State Reformatory.	Printing.	10 20
O 4183	do.	Charles A. Hall Hardware Co.	General supplies.	6 80
O 4184	do.	Taylor Hardware Co.	do.	67 40
O 4185	do.	Mrs. Anna L. Porter.	Rentals.	100 00
O 4186	do.	Electric Coal Co.	Coal.	3,801 15
O 4187	do.	Soc. Promotion Engineering Education	Library supplies.	1 20
O 4188	do.	G. Gennert.	General supplies.	1 09
O 4189	do.	Alfred L. Fitch.	General supplies.	1 30
O 4190	do.	Nathan R. Graves.	do.	6 00
O 4191	do.	Reasoner Bros.	Nursery stock.	6 98
O 4192	do.	F. K. Robeson.	Laboratory supplies.	7 70
O 4193	do.	T. Dobbins.	Feeding stuffs.	3 69
O 4194	do.	Alexander, Ward & Conover.	Live stock.	1,427 72
O 4195	do.	Harshaw, Fuller & Goodwin Co.	Laboratory supplies.	1 85
O 4196	do.	The Dixie Music House.	Apparatus repairs.	7 73
O 4197	do.	McIntosh Stereopticon Co.	Laboratory apparatus.	8 00
O 4198	do.	Automatic Electric Co.	General supplies.	12 50
O 4199	do.	Geo. B. Carpenter & Co.	do.	2 82
O 4200	do.	Diamond Electric Supply Co.	Electrical supplies.	23 00
O 4201	do.	McMaster Carr Supply Co.	Machine repairs.	75 00
O 4202	do.	Green Engineering Co.	do.	8 02
O 4203	do.	Frances E. Laben.	Library supplies.	5 00
O 4204	do.	Bryan-Marsh Electric Works.	Electrical supplies.	52 25



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
O 4205	Dec. 18	W. Lewis & Co.	Janitors' supplies	\$ 3 10
O 4206	..do..	Luitwieler Pumping Engine Co.	Machine repairs	35 00
O 4207	..do..	James G. Biddle	Apparatus repairs	2 39
O 4208	..do..	F. J. Burns & Co.	Laboratory supplies	6 30
O 4209	..do..	F. L. Swanson & Son	..do..	4 55
O 4210	..do..	C. W. Johnson	Auditorium acoustics	5 50
O 4211	..do..	Philadelphia Storage Battery Co.	Apparatus repairs	21 70
O 4212	..do..	National Carbon Co.	Electric supplies	12 30
O 4213	..do..	B. A. Strauch	Office supplies	1 40
O 4214	..do..	Southern Illinois Penitentiary	Janitors' supplies	3 75
O 4215	..do..	Vaughans Seed Store	General supplies	5 88
O 4216	..do..	Westinghouse Machine Co.	Machine repairs	70 78
O 4217	..do..	Smith-Totman Co.	Plumbing	37 33
O 4218	..do..	Urbana & Champaign Ry., Gas & Electric Co.	Electric power	200 00
O 4219	..do..	Dean Bros. Steam Pump Works	Plumbing	4 80
O 4220	..do..	Eisner Grocery Co.	Janitors' supplies	12 25
O 4221	..do..	John W. Lloyd	Traveling expenses	12 72
O 4222	..do..	A. W. Nolan	..do..	6 96
O 4223	..do..	Harrison Fahrnkopf	..do..	19 51
O 4224	..do..	Harry C. Gikerson	..do..	13 59
O 4225	..do..	Wm. Schlotzhauer	Field expenses	170 95
O 4226	..do..	L. Hegnauer	Traveling expenses	7 94
O 4227	..do..	Arthur G. Eldredge	..do..	18 49
O 4228	Dec. 17	J. D. White, Postoffice Clerk	Postage	315 00
O 4229	..do..	Bacon Bros	Building materials	6 42
O 4230	..do..	O. E. Staples, Bursar	Express paid	71 35
G 4231	..do..	O. E. Staples, Bursar	Freight and express	45 38
O 4232	..do..	Pay roll	December, 1913	5,579 00
		Argo, Roy	Wages, December, 1913.	\$55 00
		Barto, Lucy M.	..do..	20 00
		Chaplin, Ralph	..do..	60 00
		Conley, M. J.	..do..	75 00
		Cook, Jesse	..do..	55 00
		Crawford, T. P.	..do..	50 00
		Foor, H.	..do..	55 00
		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
		Meenach, O. E.	..do..	10 00
		Morgan, J. E.	..do..	15 00
		Moore, P. O.	..do..	47 50
		Patterson, Will	..do..	50 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
		Pergande, R.	..do..	95 00
		Swearingen, Daisy O.	..do..	50 00
		Wilson, R. W.	..do..	65 00
		Atkinson, O. G.	..do..	47 50
		Boswell, James	..do..	18 13
		Brown, C. F.	..do..	45 00
		Brown, E. J.	..do..	45 00
		Broyles, W. H.	..do..	47 50
		Conrad, Emma	..do..	22 10
		Coffey, J. H.	..do..	50 00
		Cummings, J. S.	..do..	45 00
		Cunningham, Perley	..do..	19 25
		Curry, Florence J.	..do..	30 00
		Dale, Fred	..do..	50 00
		Engle, Lawrence	..do..	25 00
		Grabbe, Florence H.	..do..	50 00
		Hamm, Charles	..do..	47 50
		Ham, Raymond	..do..	47 00
		Hamlin, Clyde	..do..	60 00
		Hamlin, Hiram	..do..	43 33
		Heath, William	..do..	50 00
		Jensen, George	..do..	47 50
		Lankford, R. A.	..do..	45 00
		Lowery, Kathryn	..do..	50 00
		McQueen, H. D.	..do..	50 00
		Marshall, Samuel A.	..do..	45 00
		Miller, W. W.	..do..	75 00
		Mink, George	..do..	47 50

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 4232 Cld.	1913. Dec. 16	Mink, J. D. ....	Wages, December, 1913. \$ 50 00	
		Moore, H. E. ....	do. ....	50 00
		Nesbit, Lawrence. ....	do. ....	50 00
		Pergande, Charles Glinn. ....	do. ....	45 00
		Peterson, A. C. ....	do. ....	47 50
		Proesel, William. ....	do. ....	50 00
		Redman, Louise E. ....	do. ....	37 91
		Reynolds, Mrs. Elizabeth. ....	do. ....	28 39
		Sanders, Frank. ....	do. ....	47 50
		Shaffer, Guy. ....	do. ....	50 00
		Shipman, Cash. ....	do. ....	47 50
		Shue, Mrs. Lizzie B. ....	do. ....	22 20
		Stives, M. F. ....	do. ....	50 00
		Herbert, J. J. ....	do. ....	85 00
		Anderson, J. C. ....	do. ....	70 00
		Clarke, Ethel. ....	do. ....	35 00
		Diekmom, T. W. ....	do. ....	65 00
		Engle, Ralph. ....	do. ....	30 00
		Ford, Nellie C. ....	do. ....	30 60
		Glover, R. C. ....	do. ....	50 00
		Johns, W. E. ....	do. ....	37 50
		Andrews, J. B. ....	do. ....	50 00
		Ansen, Julius. ....	do. ....	55 00
		Badger, C. J. ....	do. ....	40 00
		Behling, Edwin. ....	do. ....	38 43
		Bennett, W. L. ....	do. ....	70 00
		Bunch, Mamie. ....	do. ....	45 00
		Burdick, I. F. ....	do. ....	75 00
		Carlson, M. R. ....	do. ....	60 00
		Cate, H. A. ....	do. ....	70 00
		Campbell, C. A. ....	do. ....	65 00
		Chapman, C. C. ....	do. ....	100 00
		Crouch, H. E. ....	do. ....	115 00
		Dunlap, B. H. ....	do. ....	60 00
		Engle, W. J. ....	do. ....	70 00
		Garver, Earl. ....	do. ....	65 00
		Hampton, John. ....	do. ....	65 00
		Harry, W. L. ....	do. ....	100 00
		Hunter, L. A. ....	do. ....	75 00
		Jensen, C. C. ....	do. ....	55 00
		Jones, Garfield. ....	do. ....	65 00
		Lankford, John. ....	do. ....	60 00
		Lawson, H. C. ....	do. ....	55 00
		Oulmette, N. H. ....	do. ....	55 00
		Palfrey, J. R. ....	do. ....	75 00
		Palsey, I. ....	do. ....	55 00
		Pine, Fred. ....	do. ....	75 00
		Reed, Alice. ....	do. ....	55 00
		Sims, Flora. ....	do. ....	83 33
		Smith, J. F. ....	do. ....	70 00
		Stark, R. W. ....	do. ....	75 00
		Tornquest, Andrew. ....	do. ....	75 00
		Walters, Philip. ....	do. ....	75 00
O 4233	Dec. 17	Pay roll. ....	December, 1913. ....	\$ 150 00
		Perry, Leonora. ....	Salary, December, 1913. \$100 00	
		Smith, L. H. ....	do. ....	50 00
O 4234	..do....	Pay roll. ....	December, 1913. ....	188 66
		Durley, Franc A. ....	Salary, December, 1913 \$50 00	
		Flattery, Amanda. ....	do. ....	72 00
		Katz, Louise W. ....	do. ....	66 66
O 4235	Dec. 18	Western Union Telegraph Co. ....	Service. ....	10 54
O 4236	..do....	Library of Congress. ....	Cards. ....	75 00
O 4237	..do....	International Harvester Co. ....	Freight and express. ....	7 05
O 4238	..do....	Charles A. Campbell. ....	Field expenses. ....	52 28
O 4239	..do....	H. J. Snider. ....	do. ....	15 44
O 4240	..do....	C. C. Logan. ....	Traveling expenses. ....	22 96
O 4241	..do....	Robert W. Stark. ....	do. ....	20 60
O 4242	..do....	William Underhill Moore. ....	do. ....	19 80
O 4243	..do....	J. M. Lindgren. ....	Experiment and services. ....	40 00
O 4244	..do....	J. Kennedy Kincaid. ....	do. ....	50 00
O 4245	..do....	Western Union Telegraph Co. ....	Services. ....	27 54
O 4246	Dec. 19	Pay roll. ....	December, 1913. ....	5,846 28
		Arneson, Mabel. ....	Salary, December, 1913. \$ 75 00	
		Browne, W. H. ....	do. ....	250 00
		Cole, H. W. ....	do. ....	100 00
		Coles, B. D. ....	do. ....	50 00
		Froberg, Eric. ....	do. ....	75 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 4246 Cld.	1913. Dec. 18	Hwasser, Anna Julia.....	Salary, December, 1913 \$ 50 00	
		Southwell, James.....	do. 115 00	
		Tomlinson, J. S.....	do. 125 00	
		Schur, Raymond.....	do. 40 00	
		Allen, Josephine.....	do. 55 00	
		Bolan, Anna R.....	do. 60 00	
		Loomis, Metta.....	do. 75 00	
		David, Eshoo.....	do. 45 00	
		Gubbins, Maud.....	do. 60 00	
		David, Paul.....	do. 45 00	
		Healan, Louise B.....	do. 50 00	
		Klena, Joseph.....	do. 70 00	
		Badel, Nathan.....	do. 50 00	
		Gelda, Isak.....	do. 50 00	
		Tomek, Gertrude.....	do. 60 00	
		Anderson, Frank H.....	do. 80 00	
		David, Simon.....	do. 50 00	
		George, Elia.....	do. 50 00	
		Josef, George.....	do. 50 00	
		Kastanos, John.....	do. 50 00	
		Kolan, John.....	do. 49 72	
		Watson, Ethel Eva.....	do. 45 00	
		Schultze, S. George.....	do. 35 00	
		Burmeister, W. H.....	do. 166 66	
		Dreyer, George P.....	do. 333 32	
		Eycleshymer, A. C.....	do. 416 66	
		Fantus, Bernard.....	do. 166 66	
		Gardner, Stella.....	do. 83 33	
		Gehrman, Adolph.....	do. 66 66	
		Hakenson, Eric Gosta.....	do. 30 00	
		Haskell, J. E.....	do. 50 00	
		Jones, T. S.....	do. 108 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	
		Small, J. C.....	do. 50 00	
		Welker, W. H.....	do. 208 33	
		Bartlett, Dr. Frank Kaiser.....	do. 180 00	
		Siegbahn, Nils.....	do. 60 00	
		Gaffney, Carl O.....	do. 65 00	
		Davis, D. J.....	do. 416 66	
		Falls, Frederick H.....	do. 50 00	
		Bake, L. E.....	do. 66 66	
		Bernard, F. S.....	do. 40 00	
		Collidge, E. D.....	do. 83 33	
		Dittmar, Walter.....	do. 99 99	
		Gallie, D. M.....	do. 83 33	
		Hixson, Arthur.....	do. 60 00	
		Lee, H. C.....	do. 40 00	
		McGuire, J. C.....	do. 125 00	
		Moon, Dr. V. H.....	do. 50 00	
		Moorehead, F. B.....	do. 166 66	
		Noyes, F. B.....	do. 83 33	
		Schultz, Louis.....	do. 33 33	
		Starr, S. P.....	do. 66 66	
		Hiskey, George M.....	do. 45 00	
O 4247	Dec. 19	F. M. Leslie.....	Laboratory supplies.....	\$ 16 50
O 4248	do.	U. of I. Supply Store.....	Library supplies.....	5 94
O 4249	do.	Eimer & Amend.....	Laboratory supplies.....	19 50
O 4250	do.	E. H. Sargent & Co.....	do.....	61 35
O 4251	do.	General Electric Co.....	Fan repairs.....	419 02
O 4252	do.	Ernst Hertzberg & Sons.....	Library supplies.....	137 80
O 4253	do.	Hegenbart Co.....	Laboratory supplies.....	4 15
O 4254	do.	John H. Doyle.....	Fencing.....	4 02
O 4255	do.	Central Electric Co.....	Electric supplies.....	17 89
O 4256	do.	Williams Bros.....	General supplies.....	9 05
O 4257	do.	Illinois State Reformatory.....	Printing.....	19 25
O 4258	do.	D. H. Lloyd.....	General supplies.....	3 00
O 4259	do.	Woldenberg & Schaar.....	Laboratory supplies.....	214 24
O 4260	do.	P. S. Campbell.....	Printing.....	61 00
O 4261	do.	C. A. Denman.....	Painting.....	9 55
O 4262	do.	Percival & Moorehead.....	Building material.....	15 70
O 4263	do.	The Burr Co.....	Apparatus.....	24 33
O 4264	do.	Mittendorf & Kiler.....	Furniture and fixtures.....	2 20
O 4265	do.	Standard Oil Co.....	Laboratory supplies.....	33 82
O 4266	do.	The Western Electric Co.....	Electrical supplies.....	27 70
O 4267	do.	Metzler & Schafer Co.....	Laboratory supplies.....	1 46
O 4268	do.	E. H. Sargent & Co.....	do.....	30 76

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
O 4269	Dec. 19	P. S. Campbell.	Printing.	\$ 32 75
O 4270	do.	Marshall Field & Co.	Laboratory supplies.	17 64
O 4271	do.	Wanner Machinery Co.	Office equipment.	8 99
O 4272	do.	People's Gas Light & Coke Co.	Gas.	32 16
O 4273	do.	Chicago Medical Book Co.	General supplies.	4 00
O 4274	do.	Corbin Cabinet Lock Co.	Laboratory supplies.	122 00
O 4275	do.	Liquid Carbonic Co.	do.	3 00
O 4276	do.	A. C. McClurg & Co.	do.	40 70
O 4277	do.	E. H. Sargent & Co.	do.	3 50
O 4278	do.	Hospital Supply Co.	do.	13 00
O 4279	do.	H. O. Shephard Co.	Office supplies.	12 25
O 4280	do.	C. L. Frame Dental Supply Co.	Laboratory apparatus.	2 25
O 4281	do.	Atlas School Supply Co.	Furniture and fixtures.	4 05
O 4282	do.	Pittsburgh Plate Glass Co.	do.	5 75
O 4283	do.	D. Shor Co.	Laboratory supplies.	172 95
O 4284	do.	Bausch & Lomb Optical Co.	Furniture and fixtures.	10 80
O 4285	do.	Freeman-Sweet Co.	Laboratory apparatus.	9 60
O 4286	do.	V. Mueller & Co.	General supplies.	21 00
O 4287	do.	Riddiford Brothers.	Janitors' supplies.	14 25
O 4288	do.	Maas Brothers.	General supplies.	29 18
O 4289	do.	Morrison-Plummer Co.	Laboratory supplies.	10 15
O 4290	do.	Madison Teaming Co.	Drayage.	15 00
O 4291	do.	The Cudahy Packing Co.	Janitors' supplies.	55 00
O 4292	do.	W. R. Bradley.	Cafe supplies.	1 20
O 4293	do.	Rieckhoff's Bakery.	Cafe supplies.	5 20
O 4294	do.	Central Scientific Co.	Laboratory apparatus.	8 72
O 4295	do.	Vaughans Seed Store.	Nursery stock.	20 40
O 4296	do.	Henry Fuerman & Son.	General supplies.	4 00
O 4297	do.	H. W. Johns-Manville Co.	do.	8 40
O 4298	do.	Urbana Automobile Co.	Laboratory supplies.	80
O 4299	do.	Julius King Optical Co.	do.	5 56
O 4300	do.	The Goodline Mfg. Co.	Furniture and fixtures.	1 75
O 4301	do.	Spaulding & Quirk.	Laboratory supplies.	3 25
O 4302	do.	Bausch & Lomb Optical Co.	do.	384 15
O 4303	do.	Electric Appliance Co.	Laboratory apparatus.	21 30
O 4304	do.	Diack & Smith.	Laboratory supplies.	11 25
O 4305	do.	R. W. McCready Cork Co.	do.	2 20
O 4306	do.	Chas. A. Strelinger Co.	Laboratory apparatus.	14 43
O 4307	do.	Tinius Olsen Testing Machine Co.	Apparatus repairs.	8 00
O 4308	do.	Crerar, Adams & Co.	Laboratory supplies.	1 68
O 4309	do.	Hill & Griffith Co.	do.	5 40
O 4310	do.	Patterson, Gottfried & Hunter.	Laboratory apparatus.	50 00
O 4311	do.	The Wadsworth Core Machine Co.	do.	12 55
O 4312	do.	Vaughn-Miller Co.	do.	1 00
O 4313	do.	Gym Store.	do.	5 90
O 4314	do.	J. B. Bennett.	Building materials.	15 66
O 4315	do.	Blakeslee & Jarvis.	Laboratory supplies.	2 79
O 4316	do.	A. S. Nelson & Sons.	General supplies.	1 10
O 4317	do.	J. Horace McFarland Co.	Printing.	35 00
O 4318	do.	Charles Scribners Sons.	Library supplies.	4 50
O 4319	do.	Jesse Jones Paper Co.	General supplies.	7 00
O 4320	do.	The Roland Press Co.	Library supplies.	3 00
O 4321	do.	Eimer & Amend.	Laboratory supplies.	10 59
O 4322	Dec. 20	The Tablet & Ticket Co.	Office supplies.	13 54
O 4323	do.	The Ideal Electric Co.	Furniture and fixtures.	25 38
O 4324	do.	Peoples Cooperative Co.	General supplies.	2 00
O 4325	do.	Schwietzka Brothers.	Field expenses.	10 00
O 4326	do.	Eisner Grocery Co.	Laboratory supplies.	3 00
O 4327	do.	The University Press.	Printing.	2 50
O 4328	do.	National Engraving Co.	Printing and publishing.	8 75
O 4329	do.	Hibbard, Spencer-Bartlett Co.	Office equipment.	7 75
O 4330	do.	Astrid S. Rosing.	Drains.	101 65
O 4331	do.	Illinois State Penitentiary.	Janitors supplies.	32 50
O 4332	do.	Harrison Fahrnkopf.	Field expenses.	14 49
O 4333	do.	Rance Sutton.	do.	18 08
O 4334	do.	O. E. Staples, Bursar.	General labor.	293 13
O 4335	do.	O. E. Staples, Bursar.	Student labor.	319 17
O 4336	do.	O. E. Staples, Bursar.	Traveling expenses and labora- tory.	20 10
O 4337	do.	Western Union Telegraph Co.	Telephone and telegraph.	14 80
O 4338	do.	J. B. Andrews.	Traveling expenses.	21 21
O 4339	do.	Central Union Telephone Co.	Service.	19 65
O 4340	do.	Automatic Electric Co.	Office equipment.	27 50
O 4341	do.	C. A. Denman.	Painting.	36 00
O 4342	Dec. 22	Morrison, Plummer & Co.	Laboratory supplies.	51 43
O 4343	do.	Commonwealth Edison Co.	Electrical power.	6 27
O 4344	do.	Ahrens & Schreiner.	Heart, salt.	1 60
O 4345	do.	The Imperial Mfg. Co.	General supplies.	25 00
O 4346	do.	Southern Illinois Penitentiary.	Laboratory supplies.	108 68

OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
	1913.			
O 4347	Dec. 22	C. R. Richards	Traveling expenses	\$ 143 81
O 4348	do.	Whitall-Tatum Co.	Tinctures	19 50
O 4349	do.	Alexander Lumber Co.	Lumber	6 82
O 4350	do.	Dr. Lloyd	Twine	1 80
O 4351	do.	Dunhams, Importers & Breeders	Horses	2,500 00
O 4352	do.	J. E. Smith	Poultry house	10 00
O 4353	do.	H. W. Mumford	Traveling expenses	68 45
O 4354	do.	B. E. Powell	do.	14 54
O 4355	do.	Beardsley Hotel	Entertainment	41 00
O 4356	do.	O. E. Staples, Bursar	Student labor	438 66
O 4357	do.	O. E. Staples, Bursar	do.	495 12
O 4358	do.	Ebner Ice & Cold Storage Co.	Apple crates	12 50
O 4359	do.	Egyptian Packing Co.	Barrels, storage	145 25
O 4360	do.	Samuel Campbell	Tiling	245 66
O 4361	do.	H. A. Hollister	Traveling expenses	20 34
O 4362	do.	Adam Seitz	Bull	300 00
O 4363	do.	James G. Biddle	Apparatus	170 00
O 4364	do.	E. H. Sargent & Co.	Platinum rods	24 27
O 4365	do.	Bacon Bros	Laboratory supplies	1 40
O 4366	do.	Taylor Hardware Co.	Pails	1 25
O 4367	Dec. 23	D. H. Lloyd	Paper	40
O 4368	do.	P. S. Campbell	Gummed slips	6 00
O 4369	do.	The Cushman Chuck Co.	Chuck	12 40
O 4370	do.	Thomas Charles Co.	Laboratory supplies	4 10
O 4371	do.	Sheldon Brick Co.	Paving blocks	48 00
O 4372	do.	Alexander Lumber Co.	Lumber	12 60
O 4373	do.	D. A. Abrams	Traveling expenses	4 08
O 4374	do.	Western Valve Co.	Plumbing supplies	205 76
O 4375	do.	Westinghouse Electric & Mfg. Co.	Electrical materials	3 60
O 4376	do.	Westinghouse Machine Co.	Machine repairs	88 00
O 4377	do.	The E. H. Wachs Co.	Machine repairs	5 58
O 4378	do.	Swartz Electric Shop	Dry cells	13 30
O 4379	do.	The Chas. A. Hall Hardware Co.	Furnace cement	3 75
O 4380	do.	Hoosier Mfg. Co.	Soap	15 90
O 4381	do.	J. W. Dunlap	Labor	84 45
O 4382	do.	The Cudahy Packing Co.	Soap powder	12 00
O 4383	do.	Bryan Marsh Electric Works	Lamps	49 70
O 4384	do.	United States Radiator Corporation	Radiators	18 64
O 4385	do.	Walker & Mulliken	Shades	20 80
O 4386	do.	Independent Harvester Co.	Couplers	20
O 4387	do.	Knowlton & Bennett	Glass	8 00
O 4388	do.	Standard Oil Co.	Oil	5 20
O 4389	do.	Frank A. Hawley	Concrete work	88 00
O 4390	do.	John H. Doyle	Files	4 25
O 4391	do.	Mittendorf & Kiler	Stair treads, shades	16 63
O 4392	do.	W. W. Walls & Co.	Lumber	57 76
O 4393	do.	The Burr Co.	Foundry work	13 27
O 4394	do.	Reliable Plumbing & Heating Co.	Plumbing	100 71
O 4395	do.	Western Electric Co.	Lamps	7 61
O 4396	do.	Leavitt Mfg. Co.	Labor, material	315 59
O 4397	do.	G. W. Sheldon & Co.	Freight, charges	10 54
O 4398	do.	The Champaign News	Subscription	4 00
O 4399	do.	A. L. A. Publishing Board	Bulletin	50
O 4400	do.	Chivers Book Binding Co.	Books	6 03
O 4401	do.	G. Broes Van Dort Co.	Book	9 00
O 4402	do.	Joseph McDonough & Co.	Books	10 00
O 4403	do.	Peter Stammer	do.	25 00
O 4404	do.	The Willis Music Co.	do.	3 47
O 4405	do.	Architectural Book Publishing Co.	do.	60 00
O 4406	do.	Egypt Exploration Fund	do.	5 00
O 4407	do.	U. of I. Supply Store	do.	10 80
O 4408	do.	Harvard College Library	Catalog cards	16 28
O 4409	do.	W. W. Blake	Books	26 75
O 4410	do.	Hudson Book Co.	do.	4 70
O 4411	do.	G. Schirmer	do.	1 12
O 4412	do.	Electric Coal Co.	Coal	182 43
O 4413	do.	Albert B. Gray, Special Collector	Paving tax	951 90
O 4414	do.	The Weis Mfg. Co.	Office supplies	18 30
O 4415	do.	Champaign County Abstract Co.	Abstracts	5 10
O 4416	do.	Alexander, Ward & Conover	Cow	57 55
O 4417	do.	Weil Bros	Plumbing supplies	232 26
O 4418	do.	Woldenberg & Schaar	Laboratory supplies	12 77
O 4419	do.	Chicago Steel Tape Co.	Laboratory apparatus	1 60
O 4420	do.	G. A. Garrison	Sewer	53 20
O 4421	do.	Ward's Natural Science Establishment	Laboratory apparatus	149 25
O 4422	do.	The Frederick Post Co.	Paper	3 00
O 4423	do.	Walker & Mulliken	Shades	8 58
O 4424	do.	B. A. Strauch	General supplies	2 70
O 4425	do.	G. Cramer Dry Plate Co.	Laboratory supplies	38 61

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1913.				
O 4426	Dec. 23	American Journal of Science.....	Printing.....	\$ 5 50
O 4427	..do..	Wm. Gaertner & Co.....	Apparatus repairs.....	2 25
O 4428	..do..	Driver Harris Wire Co.....	Laboratory supplies.....	2 61
O 4429	..do..	Vida Hunt Francis, General Secretary.....	Book.....	5 50
O 4430	..do..	Barnhart Bros.....	Supplies.....	3 30
O 4431	..do..	Harris-Dillavou & Co.....	Coal.....	21 11
O 4432	..do..	J. C. Thomas.....	Supplies.....	2 15
O 4433	..do..	The Chester Transfer Co.....	Drayage.....	27 66
O 4434	..do..	A. Roland.....	Corn.....	372 95
O 4435	..do..	Twin City Ice & Cold Storage Co.....	Coupon book.....	25 00
O 4436	..do..	Champaign Seed Co.....	Flour middlings.....	22 50
O 4437	..do..	John H. Doyle.....	Pipe.....	3 00
O 4438	..do..	W. F. Engle.....	Chicken.....	12 48
O 4439	..do..	Niemann Bros. Mfg. Co.....	Coops, pens.....	50 65
O 4440	..do..	American Radiator Co.....	Regulator.....	5 00
O 4441	Dec. 24	P. S. Campbell.....	Printing.....	16 50
O 4442	..do..	Twin City Printing Co.....	Books.....	4 00
O 4443	..do..	National Poland-China Record Co.....	Certificate.....	1 00
O 4444	..do..	Twin City Roofing Co.....	Farm machinery, etc.....	42 50
O 4445	..do..	O. E. Staples, Bursar.....	Express bills.....	32 26
O 4446	..do..	F. W. Garrett.....	Field expenses.....	26 47
O 4447	..do..	W. J. Carmichael.....	Traveling expenses.....	10 95
O 4448	..do..	Wilhelm Miller.....	..do.....	20 03
O 4449	..do..	O. E. Staples, Bursar.....	Sundry bills.....	3 52
O 4450	..do..	J. J. Rinard.....	Rent of land.....	130 00
O 4451	..do..	A. Daigger & Co.....	Laboratory supplies.....	459 82
O 4452	..do..	Scheidel-Western X-Ray Coil Co.....	Lamp.....	10 00
O 4453	..do..	Spencer Lens Co.....	Laboratory apparatus.....	104 00
O 4454	..do..	I. Horrell.....	Keys.....	2 00
O 4455	..do..	The S. S. White Dental Mfg. Co.....	Laboratory apparatus and sup- plies.....	166 30
O 4456	..do..	Elmer D. Brothers.....	Lectures.....	100 00
O 4457	..do..	O. E. Staples, Bursar.....	General labor.....	200 22
O 4458	..do..	A. C. McClurg & Co.....	Books.....	339 47
O 4459	..do..	The Boston Book Co.....	..do.....	7 37
O 4460	..do..	Bennett's Newspaper & Magazine Agency.....	Subscriptions.....	7 50
O 4461	..do..	Ernst Hertzberg & Sons.....	Binding.....	242 12
O 4462	..do..	G. E. Stechert & Co.....	Books.....	371 78
O 4463	..do..	Maas Brothers.....	Supplies.....	72 75
O 4464	..do..	Western Lumber Co.....	Lumber.....	45 29
O 4465	..do..	A. C. McClurg & Co.....	Office supplies.....	14 49
O 4466	..do..	Commonwealth-Edison Co.....	Power.....	245 60
O 4467	..do..	The Peoples Gas Light & Coke Co.....	Gas.....	5 92
O 4468	..do..	Morrisson, Plummer & Co.....	Laboratory supplies.....	48 85
O 4469	..do..	Pay roll.....	December, 1913.....	638 01
		Denney, Helen.....	Wages, December, 1913.....	2 50
		Dodds, Lois.....	..do.....	2 85
		Doisy, E. A.....	..do.....	32 63
		Fischer, H. L.....	..do.....	19 19
		Gray, Ruth.....	..do.....	2 00
		Hart, P. M.....	..do.....	7 80
		Hutchinson, O. E. K.....	..do.....	13 94
		Jackson, Mabel.....	..do.....	6 25
		Lerch, Edward.....	..do.....	15 75
		Miller, C. A.....	..do.....	7 30
		Richardson, H. R.....	..do.....	19 13
		Smith, Gladys.....	..do.....	4 25
		Williams, E. C.....	..do.....	12 00
		Fleming, V. R.....	..do.....	50 00
		Geist, H. F.....	..do.....	90 00
		Haynes, J. K.....	..do.....	40 00
		Newell, C. R.....	..do.....	37 50
		Bradford, Albert.....	..do.....	31 59
		Harding, C. F.....	..do.....	100 00
		Small, Mark.....	..do.....	60 00
		Goodspeed, W. S.....	..do.....	83 33
O 4470	Dec. 29	Illinois Central R. R. Co.....	Freight.....	85 20
O 4471	..do..	C., C. C. & St. L. Ry. Co.....	..do.....	78 28
O 4472	..do..	C., C. C. & St. L. Ry. Co.....	..do.....	11 51
O 4473	..do..	The Wabash R. R. Co.....	..do.....	42 38
O 4474	Dec. 30	Novelty Supply Co.....	Examination books.....	189 78
O 4475	..do..	E. Leitz.....	Laboratory apparatus.....	6 50
O 4476	..do..	H. W. Johns-Manville Co.....	Plumbing.....	16 80
O 4477	..do..	S. E. Huff & Co.....	Lumber.....	10 10
O 4478	..do..	Utzinger & Wharton.....	Coats.....	9 00
O 4479	..do..	Gulick Tailoring Co.....	Swimming trunks.....	55 50
O 4480	..do..	The Whitaker Paper Co.....	Paper.....	40 00
O 4481	..do..	Champaign & Urbana Water Co.....	Plumbing materials.....	4 00
O 4482	..do..	James B. Clow & Sons.....	Pipe.....	4 90
O 4483	..do..	William Hartman.....	Negatives.....	2 80

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
O 4484	Dec. 30	Henry Fuermann & Sons.....	Prints.....	\$ 2 00
O 4485	..do..	Charles N. Brown.....	..do.....	5 00
O 4486	..do..	W. M. Griffin, Agent.....	Telephone service.....	15 55
O 4487	..do..	National Engraving Co.....	Etchings.....	3 90
O 4488	..do..	C. H. Stoelting Co.....	Discs.....	3 02
O 4489	..do..	H. Swannell & Son.....	Supplies.....	3 25
O 4490	..do..	Andrew Tornquist.....	..do.....	12 00
O 4491	..do..	Eugene Dietzgen Co.....	Pen.....	97
O 4492	..do..	R. R. Donnelley & Son.....	Printing.....	112 92
O 4493	..do..	Feldmann System Mfg. Co.....	Supplies.....	41 63
O 4494	..do..	N. J. Bartlett & Co.....	Books.....	46 10
O 4495	..do..	Harwood Frost.....	..do.....	1 00
O 4496	..do..	W. M. Welch Mfg. Co.....	Magazine cover.....	55
O 4497	..do..	Urbana & Champaign Ry. Gas & Elec- tric Co.....	Poles, tar.....	29 25
O 4498	..do..	The Cleveland Twist Drill Co.....	Laboratory supplies.....	15 01
O 4499	..do..	F. W. Post.....	Library supplies.....	3 00
O 4500	..do..	J. B. Ford Lumber Co.....	Drains.....	53 01
O 4501	..do..	C. L. Alsberg.....	Library supplies.....	2 00
O 4502	..do..	J. H. Pettit.....	..do.....	10 00
O 4503	..do..	Westinghouse Electric Co.....	Laboratory apparatus.....	8 26
O 4504	..do..	Pierce & Stevens.....	Laboratory supplies.....	4 25
O 4505	..do..	Edison Storage Battery Co.....	Laboratory apparatus.....	5 00
O 4506	..do..	Osgood Co.....	Printing and publishing.....	43 52
O 4507	..do..	Library Bureau.....	Office supplies.....	1 27
O 4508	..do..	P. D. Foster Planing Mill.....	Furniture and fixtures.....	1 50
O 4509	..do..	C. C. Logan.....	Traveling expenses.....	20 77
O 4510	..do..	A. E. Morris.....	Field expenses.....	69 50
O 4511	..do..	Augusta D. Evans.....	Traveling expenses.....	6 93
O 4512	..do..	W. H. Smith.....	..do.....	11 15
O 4513	..do..	Ennis Hay Co.....	Feeding stuffs.....	2 28
O 4514	..do..	E. E. Hoskins.....	Traveling expenses.....	10 72
O 4515	..do..	Postal Telegraph Cable Co.....	Service.....	4 70
O 4516	..do..	Western Union Telegraph Co.....	Telephone and telegraph.....	22 03
O 4517	..do..	Western Union Telegraph Co.....	..do.....	12 98
O 4518	..do..	Central Union Telephone Co.....	..do.....	6 50
O 4519	..do..	Reliable Plumbing & Heating Co.....	Apparatus repairs.....	1 46
O 4520	..do..	S. E. Huff & Co.....	Building materials.....	3 90
O 4521	..do..	Flanigan-Pearson Co.....	Printing and publishing.....	75 40
O 4522	..do..	Taylor Hardware Co.....	General supplies.....	13 65
O 4523	..do..	U. of I. Supply Store.....	Office supplies.....	1 67
O 4524	..do..	John H. Doyle.....	Laboratory apparatus.....	9 40
O 4525	..do..	S. E. Huff & Co.....	..do.....	61 60
O 4526	..do..	Bennetts Magazine Agency.....	Library supplies.....	18 90
O 4527	..do..	A. C. McClurg & Co.....	..do.....	11 94
O 4528	..do..	Knowlton & Bennett.....	General supplies.....	17 35
O 4529	..do..	Alexander Lumber Co.....	Fencing.....	36 03
O 4530	..do..	Bauer & Black.....	Laboratory apparatus.....	19 20
O 4531	..do..	Leavitt Mfg. Co.....	Apparatus repairs.....	29 90
O 4532	..do..	Horton Co.....	Laboratory supplies.....	2 80
O 4533	..do..	E. H. Sargent & Co.....	..do.....	2 50
O 4534	..do..	International Acheson Graphite Co.....	..do.....	2 40
O 4535	..do..	Reliable Plumbing & Heating Co.....	Laboratory apparatus.....	17 98
O 4536	..do..	Eisner Grocery Co.....	Laboratory supplies.....	1 30
O 4537	..do..	National Engraving Co.....	Printing and publishing.....	37 35
O 4538	..do..	L. B. King.....	Building materials.....	6 50
O 4539	..do..	Central Electric Co.....	Electrical materials.....	11 43
O 4540	..do..	Guillott Metal Supply Co.....	General supplies.....	10 00
O 4541	..do..	Bausch & Lomb Optical Co.....	Laboratory apparatus.....	144 00
O 4542	..do..	Eimer & Amend.....	Laboratory supplies.....	3 51
O 4543	..do..	Henry J. Green.....	Apparatus repairs.....	12 00
O 4544	..do..	Thos. Nelson & Sons.....	Library supplies.....	3 00
O 4545	..do..	Merck & Co.....	Laboratory supplies.....	8 25
O 4546	..do..	Wilson-Maeulen Co.....	..do.....	8 26
O 4547	..do..	Chas. Engelhard.....	Laboratory apparatus.....	60 00
O 4548	..do..	J. W. Butler Paper Co.....	Printing.....	10 68
O 4549	..do..	Electric Appliance Co.....	Laboratory supplies.....	15 80
O 4550	..do..	Brown & Sharpe Mfg. Co.....	Laboratory apparatus.....	1 20
O 4551	..do..	Machinists Supply Co.....	Laboratory supplies.....	3 89
O 4552	..do..	Marine Biological Laboratory.....	..do.....	8 00
O 4553	..do..	Edward Pennock.....	Laboratory apparatus.....	136 60
O 4554	..do..	Physicians Supply & Drug Co.....	Laboratory supplies.....	2 80
O 4555	..do..	Chas. E. Prentice.....	Furniture and fixtures.....	2 50
O 4556	..do..	E. J. Niemann.....	Live stock.....	20 00
O 4557	..do..	Western Kieley Steam Specialty Co.....	Machine repairs.....	1 56
O 4558	..do..	Lewis M. Ellison.....	..do.....	2 94
O 4559	..do..	Bryan Marsh Electric Works.....	Electrical materials.....	63 90
O 4560	..do..	Carrol J. Badger.....	Traveling expenses.....	10 53
O 4561	..do..	W. H. Smith.....	..do.....	8 04

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
O 4562	Dec. 30	Dunhams, Horse Importers.....	Traveling expenses.....	\$ 5 18
O 4563	..do..	Alexander Lumber Co.....	Laboratory supplies.....	7 50
O 4564	..do..	J. E. Whitchurch.....	Field expenses.....	20 93
O 4565	..do..	E. E. Hoskins.....	Traveling expenses.....	23 40
O 4566	..do..	F. P. Collyer.....	Experiment services and travel- ing expenses.....	18 69
O 4567	..do..	C. H. Collins.....	Feeding stuffs.....	185 11
O 4568	..do..	C. H. Collins.....	..do..	652 28
O 4569	..do..	Mrs. Mary Reid.....	Rentals.....	5 00
O 4570	..do..	George Lindsey.....	..do..	60 00
O 4571	..do..	The Tablet & Ticket Co.....	Office supplies.....	10 21
O 4572	..do..	John H. Doyle.....	Laboratory supplies.....	14 77
O 4573	..do..	Taylor Hardware Co.....	Genera supplies.....	11 12
O 4574	..do..	U. of I. Supply Store.....	Office supplies.....	118 28
O 4575	..do..	C. C. Short.....	Field expenses.....	9 50
O 4576	..do..	Bennetts Magazine Agency.....	Library supplies.....	7 70
O 4577	..do..	J. C. Thomas.....	Laboratory supplies.....	4 35
O 4578	..do..	Barnahrt Bros.....	Apparatus repairs.....	5 35
O 4579	..do..	Twin City Roofing Co.....	Building materials.....	6 50
O 4580	Dec. 31	The Central Law Journal Co.....	Books.....	3 15
O 4581	..do..	Herbert W. Mumford.....	Traveling expenses.....	9 07
O 4582	..do..	H. I. Carpenter.....	Piano tuning.....	8 75
O 4583	..do..	Geo. B. Carpenter & Co.....	Machine repairs.....	12 83
O 4584	..do..	The Garlock Packing Co.....	General supplies.....	9 64
O 4585	..do..	The Eisner Grocery Co.....	Janitor supplies.....	13 75
O 4586	..do..	C. J. Welch.....	Building materials.....	2 50
O 4587	..do..	Wizard Products Co.....	Janitors' supplies.....	20 82
O 4588	..do..	John C. Moore Corporation.....	Printing.....	13 75
O 4589	..do..	Mueller Brothers.....	Laboratory apparatus.....	15 00
O 4590	..do..	Scientific Materials Co.....	..do..	84 15
O 4591	..do..	D. T. Dobbins.....	Feeding stuffs.....	3 37
O 4592	..do..	F. S. Burch.....	General supplies.....	15 00
O 4593	..do..	W. A. Hobbs.....	Feeding stuffs.....	16 10
O 4594	..do..	Chester Horseshoeing Shop.....	Shoeing.....	17 50
O 4595	..do..	Library Bureau.....	Book.....	3 67
O 4596	..do..	T. J. Colvin.....	Laboratory supplies.....	3 63
O 4597	..do..	Montgomery, Ward & Co.....	Jacket and crates.....	6 90
O 4598	..do..	Spaulding & Quirk.....	Laboratory supplies.....	1 60
O 4599	..do..	Alexander Lumber Co.....	Roofing.....	27 00
O 4600	..do..	Mallinckrodt Chemical Works.....	Laboratory supplies.....	24 00
O 4601	..do..	The Letter Shop.....	Copying.....	4 10
O 4602	..do..	Chicago Proof Storage Warehouse.....	Storage.....	3 00
O 4603	..do..	G. E. Stechert & Co.....	Books.....	51 85
O 4604	..do..	American Assn. of Law Libraries.....	..do..	8 00
O 4605	..do..	Prof. H. G. Wells.....	Laboratory apparatus.....	4 50
O 4606	..do..	McLaughlin-Mater Co.....	Laboratory supplies.....	25 50
O 4607	..do..	American Multigraph Sales Co.....	Office equipment repairs.....	7 75
O 4608	..do..	Harris-Dillavou & Co.....	General supplies.....	111 43
O 4609	..do..	D. M. Sims.....	Labor.....	6 00
O 4610	..do..	Smith-Totman Co.....	General supplies.....	78 70
O 4611	..do..	Barnhart Brothers.....	Building materials.....	8 68
O 4612	..do..	The Burr Co.....	Machine repairs.....	143 39
O 4613	..do..	Reliable Plumbing & Heating.....	Plumbing.....	3 04
O 4614	..do..	General Electric Co.....	Electrical materials.....	530 90
O 4615	..do..	S. E. Huff & Co.....	General supplies.....	38 50
O 4616	..do..	Flanigan-Pearson Co.....	..do..	123 50
O 4617	..do..	Taylor Hardware Co.....	..do..	4 24
O 4618	..do..	John H. Boyle.....	Building materials.....	59 25
O 4619	..do..	Western Electric Co.....	Electrical supplies.....	75 38
O 4620	..do..	Twin City Roofing Co.....	Building material, labor.....	30 82
O 4621	..do..	T. H. Flood & Co.....	Books.....	567 54
O 4622	..do..	Bacon Brothers.....	Painting.....	1 13
O 4623	..do..	Illinois State Reformatory.....	Printing.....	102 15
O 4624	..do..	Bennetts Magazine Agency.....	Magazines.....	122 30
O 4625	..do..	Knowlton & Bennett.....	Laboratory supplies.....	3 40
O 4626	..do..	Central Electric Co.....	Electrical supplies.....	69 02
	1914.			
O 4627	Jan. 3	L. E. Foglesong.....	Traveling expenses.....	32 77
O 4628	..do..	Taylor Hardware Co.....	Supplies.....	219 57
O 4629	..do..	O. E. Staples, Bursar.....	Express bills.....	44 14
O 4630	..do..	O. E. Staples, Bursar.....	Express bills paid.....	48 10
O 4631	..do..	O. E. Staples, Bursar.....	Student labor.....	152 08
O 4632	..do..	O. E. Staples, Bursar.....	General labor.....	257 64
O 4633	Jan. 5	McNeal C. James.....	Traveling expenses.....	43 18
O 4634	..do..	H. A. Hollister.....	..do..	8 60
O 4635	..do..	Prof. Otto Rahn.....	Charts and express.....	5 90
O 4636	..do..	Augusta D. Evans.....	Traveling expenses.....	7 60
O 4637	..do..	O. S. Watkins.....	..do..	4 59
O 4638	..do..	P. W. Jones.....	Feeding stuffs.....	229 42



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 4639	Jan. 5	Neostyle Co.	Office supplies.	\$ 5 37
O 4640	.do.	Schmerhorn Brothers	.do.	14 70
O 4641	.do.	Illinois State Reformatory.	Printing.	149 35
O 4642	.do.	U. of I. Supply Store.	Office supplies.	6 30
O 4643	.do.	Keuffel & Esser Co.	.do.	49 10
O 4644	.do.	J. W. Butler Paper Co.	.do.	106 74
O 4645	.do.	The Underwood Typewriter Co.	.do.	3 15
O 4646	.do.	D. H. Lloyd.	.do.	10 42
O 4647	.do.	A. C. McClurg & Co.	.do.	94 94
O 4648	Jan. 6	Illinois Central R. R.	Freight.	9 57
O 4649	.do.	C., C. C. & St. L. R. R. Co.	.do.	78
O 4650	.do.	The Wabash R. R.	.do.	25 26
O 4651	.do.	C., C. C. & St. L. R. R. Co.	.do.	31 32
O 4652	.do.	J. B. Bennett.	Building material.	9 28
O 4653	.do.	A. C. McClurg & Co.	Library.	13 64
O 4654	.do.	Ernst Hertzberg & Sons.	.do.	5 09
O 4655	.do.	Standard Oil Co.	.do.	12 42
O 4656	.do.	Green Engineering Co.	Machine repairs.	13 10
O 4657	.do.	Alexander Lumber Co.	General supplies.	2 60
O 4658	.do.	C. A. Denman.	Painting.	41 75
O 4659	.do.	Hunter, Rourke & Co.	Fencing.	40 55
O 4660	.do.	Barnhart Brothers.	Furniture repairs.	2 15
O 4661	.do.	Standard Calorimeter Co.	Laboratory supplies.	8 33
O 4662	.do.	Twin City Ice & Cold Storage Co.	Ice and water.	36 00
O 4663	.do.	Bacon Brothers.	General supplies.	2 55
O 4664	.do.	U. of I. Supply Store.	Office supplies.	1 81
O 4665	.do.	E. H. Sargent & Co.	Laboratory supplies.	15 75
O 4666	.do.	The Burr Co.	Plumbing.	22 46
O 4667	.do.	Illinois State Reformatory.	Printing.	209 40
O 4668	.do.	J. B. Bennett.	Tiling.	11 35
O 4669	.do.	Narragansett Machine Co.	Women's gymnasium.	24 00
O 4670	.do.	J. B. Marshall.	Hauling.	22 50
O 4671	.do.	William Aten, Sr.	.do.	9 00
O 4672	.do.	Hoffman & Kropff Chemical Co.	Laboratory supplies.	2 30
O 4673	.do.	Walker & Mulliken.	Furniture repairs.	1 50
O 4674	.do.	Hoskins Mfg. Co.	Laboratory apparatus.	31 50
O 4675	.do.	Thwing Instrument Co.	.do.	104 00
O 4676	.do.	Baker & Co.	Laboratory supplies.	4 14
O 4677	.do.	Browne & Sharpe Mfg. Co.	Laboratory apparatus.	7 93
O 4678	.do.	Jones & Laughlin Steel Co.	Laboratory supplies.	7 94
O 4679	.do.	The Linde Air Products Co.	.do.	3 00
O 4680	.do.	F. D. Kirkpatrick.	.do.	5 25
O 4681	.do.	Ben Pershin.	Labor.	60 00
O 4682	.do.	F. A. Jorgensen.	Services.	10 00
O 4683	.do.	August Corts & Son.	General supplies.	3 00
O 4684	.do.	Banner Lumber & Hardware Co.	Building materials.	19 88
O 4685	.do.	Jolly-Wieland Richardson Co.	.do.	59 60
O 4686	.do.	Burke & James.	General supplies.	3 82
O 4687	.do.	Kent & Elliott Coal Co.	Coal.	32 44
O 4688	.do.	John H. Doyle.	Machine repairs.	3 25
O 4689	.do.	Shenandoah Nurseries.	Nursery stocks.	19 35
O 4690	.do.	George B. Utley.	Traveling expenses.	26 09
O 4691	.do.	F. A. Pearson.	.do.	39 12
O 4692	.do.	G. W. Medley.	Labor.	34 43
O 4693	.do.	J. W. Dow.	.do.	1 60
O 4694	.do.	Charles Engelhard.	Laboratory supplies.	76 80
O 4695	.do.	Brandywine Sum. Kaolin & Feld. Co.	Laboratory supplies.	7 50
O 4696	.do.	Flat Iron Store Co.	Shades.	4 20
O 4697	.do.	Fred E. Kilbury.	Turkey.	5 00
O 4698	.do.	B. A. Struach.	General supplies.	1 37
O 4699	.do.	Whitall-Tatum Co.	Laboratory supplies.	1 46
O 4700	.do.	Shavings & Sawdust Co.	Shavings.	52 21
O 4701	.do.	Twin City Roofing Co.	Roofing.	1 85
O 4702	.do.	Fairbanks, Morse & Co.	Machine repairs.	18 38
O 4703	.do.	U. S. Bottling Supply Co.	Laboratory supplies.	3 20
O 4704	.do.	American Shropshire Registration Assn.	Certificates.	15 00
O 4705	.do.	F. K. Robeson.	General supplies.	5 70
O 4706	.do.	D. H. Lloyd.	Office supplies.	20
O 4707	.do.	E. W. Sampson.	General supplies.	25
O 4708	.do.	L. B. King.	Repairing floor.	9 00
O 4709	.do.	Machinists Supply Co.	General supplies.	8 48
O 4710	.do.	Pressed Prism Plate Glass Co.	Glass.	9 27
O 4711	.do.	Schmerhorn Brothers.	Supplies.	36 00
O 4712	.do.	Scott Paper Co.	.do.	24 00
O 4713	.do.	Central Electric Co.	Furniture and fixtures.	5 60
O 4714	.do.	French Battery & Carbon Co.	Electrical supplies.	21 00
O 4715	.do.	Chicago Engineer Supply Co.	Tools.	16 11
O 4716	.do.	Phoenix Automatic Filter Co.	Machine repairs.	6 07
O 4717	.do.	The Engineering Magazine.	Magazine.	2 09

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date	To whom.	For what.	Amount.
	1914.			
O 4718	Jan. 6	J. W. Butler Paper Co.....	Printing.....	\$ 12 64
O 4719	..do.....	Flanigan-Pearson Co.....	..do.....	1 50
O 4720	..do.....	Pay roll.....	December, 1913.....	10,791 50
		Arrington, C. E.....	Wages, December, 1913 \$	65 10
		Atwell, M. W.....	..do.....	62 79
		Bailey, J. E.....	..do.....	59 43
		Barnes, V. R.....	..do.....	100 80
		Bevis, H.....	..do.....	52 80
		Brown, Basil.....	..do.....	67 44
		Brown, Harry.....	..do.....	63 00
		Bullock, D. M.....	..do.....	68 77
		Butler, Thomas.....	..do.....	67 39
		Cedusky, John.....	..do.....	76 56
		Crathorne, F.....	..do.....	88 40
		Cunningham, F.....	..do.....	114 75
		Davis, Joseph.....	..do.....	71 82
		Dibble, E. P.....	..do.....	83 03
		Downing, H.....	..do.....	58 27
		Fay, T. J.....	..do.....	96 10
		Fender, Fred.....	..do.....	88 20
		Fender, Louie.....	..do.....	67 76
		Fiscus, J. J.....	..do.....	65 55
		Fogarty, F.....	..do.....	56 70
		Fogarty, W.....	..do.....	56 00
		Fox, Guy.....	..do.....	80 66
		Freeman, C. Y.....	..do.....	61 95
		Graybeal, W. H.....	..do.....	65 31
		Hamlin, Sell.....	..do.....	54 00
		Hanson, Samuel.....	..do.....	72 50
		Hargar, E.....	..do.....	67 21
		Henderson, T. O.....	..do.....	110 58
		Hill, Charles.....	..do.....	99 63
		Hixon, W. G.....	..do.....	36 00
		Hunt, Oscar L.....	..do.....	39 00
		Hutton, Ross.....	..do.....	67 85
		Irvine, Frank.....	..do.....	77 00
		Irvine, James.....	..do.....	56 70
		Jones, Margaret.....	..do.....	45 90
		Justus, E. W.....	..do.....	108 00
		Langhoff, A.....	..do.....	82 55
		Langhoff, Fred.....	..do.....	65 78
		Lewis, E. C.....	..do.....	72 87
		Litton, A. C.....	..do.....	61 53
		Long, Thomas.....	..do.....	85 59
		McAllister, A. J.....	..do.....	80 16
		McCulough, James.....	..do.....	62 92
		McClughen, Frances.....	..do.....	45 90
		McClughen, F. E., Mrs.....	..do.....	10 52
		Magnuson, A. O.....	..do.....	80 00
		Mahorney, H. H.....	..do.....	75 67
		Meneeley, Dan.....	..do.....	63 02
		Meenach, O. E.....	..do.....	74 75
		Meyers, Jesse.....	..do.....	65 09
		Miller, C. M.....	..do.....	58 17
		Moran, A.....	..do.....	72 50
		Morgan, J. E.....	..do.....	10 00
		Morgan, Rebecca.....	..do.....	45 90
		Murphey, Ruthe.....	..do.....	63 80
		Nagle, Sybil.....	..do.....	35 00
		Newton, J. R.....	..do.....	74 88
		Nikolaus, Jacob.....	..do.....	65 10
		Perry, F. M.....	..do.....	65 78
		Purkins, J. F.....	..do.....	82 26
		Quinn, William.....	..do.....	69 30
		Richards, Ed.....	..do.....	104 16
		Ryan, Mary E.....	..do.....	45 90
		Servis, A.....	..do.....	73 60
		Sinclair, C. R.....	..do.....	54 00
		Smith, W. J.....	..do.....	120 13
		Snyder, J.....	..do.....	56 70
		Stateler, F.....	..do.....	75 02
		Templin, William.....	..do.....	89 62
		Tillotson, I. F.....	..do.....	66 74
		Toy, George.....	..do.....	65 55
		Turner, George.....	..do.....	69 46
		Warmbler, August.....	..do.....	85 20
		Weaver, M. C.....	..do.....	78 00
		Wharmby, Ed.....	..do.....	71 53
		Wilde, William.....	..do.....	96 10

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 4720 Ctd.	1914. Jan. 6	Wilson, Frank.....	Wages, December, 1913. \$	43 20
		Boyce, W. A.....	do.....	80 00
		Boyer, G. W.....	do.....	72 66
		Booher, M. C.....	do.....	93 60
		Booker, A. J.....	do.....	93 60
		Bradford, Albert.....	do.....	38 61
		Brannigan, John.....	do.....	44 80
		Brumley, C. A.....	do.....	53 00
		Campbell, Mathew.....	do.....	52 00
		Carothers, Cevilla.....	do.....	41 04
		Carrick, Oland William.....	do.....	55 00
		Carson, Rolla A.....	do.....	60 00
		Cheever, J. W.....	do.....	53 00
		Collins, A. L.....	do.....	62 80
		Cooly, John.....	do.....	38 90
		Corson, A. J.....	do.....	46 60
		Craig, J. D.....	do.....	50 80
		Davis, C. M.....	do.....	19 25
		Davis, Edward.....	do.....	73 20
		Dunseth, C. A.....	do.....	93 60
		English, B. F.....	do.....	63 02
		Ensor, Russell.....	do.....	33 80
		Fabert, H. F.....	do.....	55 40
		Fechtruph, Herman.....	do.....	66 00
		Franklin, F. T.....	do.....	51 03
		Glenn, David.....	do.....	48 00
		Glenn, V. S.....	do.....	54 80
		Gray, William J.....	do.....	44 40
		Griffin, G. C.....	do.....	62 00
		Gundloch, Charles.....	do.....	87 33
		Higgins, Harry.....	do.....	81 55
		Hoover, F. F.....	do.....	62 26
		Hudnut, Hale M.....	do.....	61 60
		Johnson, C. C.....	do.....	65 10
		Johnson, Sam.....	do.....	55 20
		Kirby, Clyde Collins.....	do.....	41 70
		Kliem, J. A. J.....	do.....	71 61
		Langhoff, William.....	do.....	56 58
		Long, J. F.....	do.....	78 12
		Lyons, T. M.....	do.....	34 00
		McFadden, W. J.....	do.....	50 00
		MacMillion, Lee.....	do.....	63 00
		Manley, Verna.....	do.....	60 00
		Mattoon, C. E.....	do.....	53 00
		May, U. G.....	do.....	54 60
		Mock, Forrest.....	do.....	59 20
		Moody, D. L.....	do.....	58 20
		Moore, C. P.....	do.....	53 00
		Nelson, C. Q.....	do.....	51 80
		Peterson, Nick.....	do.....	54 80
		Pollard, Charles.....	do.....	48 50
		Reed, B. L.....	do.....	57 20
		Sandwell, Martin.....	do.....	93 60
		Shriver, Alonzo L.....	do.....	81 87
		Shipley, J. E.....	do.....	53 00
		Smalley, G. F.....	do.....	11 00
		Snook, Orval.....	do.....	61 11
		Sowers, A. L.....	do.....	104 50
		Sparks, Marion E.....	do.....	39 25
		Speedie, A. C.....	do.....	93 60
		Stearns, L. M.....	do.....	65 10
		Stipes, George.....	do.....	49 30
		Surbaugh, C. A.....	do.....	50 80
		Thomson, H. L.....	do.....	59 40
		Trimble, W. W.....	do.....	31 40
		Utterback, Oliver J.....	do.....	53 40
		Vandeventer, J. H.....	do.....	58 00
		Van Gundy, Harvey.....	do.....	58 95
		Walters, Prentice Therman.....	do.....	40 00
		Wells, Lawson.....	do.....	38 40
		Wells, Teddie Edwin.....	do.....	54 20
		Wilson, Charlie.....	do.....	57 00
		Wilson, Wesley.....	do.....	93 60
		Rachwalski, J.....	do.....	67 25
		Baldwin, L. E.....	do.....	21 40
		Barden, H. E.....	do.....	15 00
		Blackburn, F. J.....	do.....	10 25
		Brandon, J. F.....	do.....	17 60
		Cavette, Erie.....	do.....	20 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 4720 Cld.	1914. Jan. 6	Colbert, J. R. ....	Wages, December, 1913.	\$37 95
		Dale, Herman. ....	do. ....	17 68
		Danielson, R. R. ....	do. ....	39 75
		Davis, Russel. ....	do. ....	16 12
		Eschauzer, Lewis. ....	do. ....	30 00
		English, H. M. ....	do. ....	10 80
		Farley, F. W. ....	do. ....	12 25
		Gideon, Charles R. ....	do. ....	31 30
		Glover, C. W. ....	do. ....	13 63
		Harvey, R. F. ....	do. ....	20 56
		Harwood, S. D. ....	do. ....	17 25
		Haskett, C. R. ....	do. ....	16 00
		Hill, C. F. ....	do. ....	10 00
		Hughes, C. A. ....	do. ....	11 25
		Ingalls, Horace. ....	do. ....	25 00
		Johns, W. E. ....	do. ....	18 00
		Jones, W. R. ....	do. ....	18 11
		Kelley, H. P. ....	do. ....	26 40
		Kennicott, Sylvia. ....	do. ....	15 00
		Kircher, Otis. ....	do. ....	23 08
		Kirpatrick, F. A. ....	do. ....	32 40
		Kisselberg, B. M. ....	do. ....	12 75
		Kohlmer, W. C. ....	do. ....	16 63
		Leggett, F. W. ....	do. ....	13 21
		Linder, L. ....	do. ....	10 00
		Lindsey, G. H. ....	do. ....	12 50
		Lowe, Lucy. ....	do. ....	45 75
		Lyman, L. T. ....	do. ....	16 50
		McGhee, O. M. ....	do. ....	15 10
		McVay, T. N. ....	do. ....	15 00
		Mattoon, E. W. ....	do. ....	8 05
		Metz, Nathan. ....	do. ....	9 60
		Miner, Henry. ....	do. ....	12 95
		Mohlman, Harry. ....	do. ....	30 00
		Munson, John. ....	do. ....	37 01
		Murphy, E. F. ....	do. ....	16 25
		Nelson, C. R. ....	do. ....	23 40
		Nickolls, C. R. ....	do. ....	34 65
		Odell, Arthur. ....	do. ....	57 85
		Ordonez, B. R. ....	do. ....	35 14
		Pauli, Adolph. ....	do. ....	5 75
		Rehling, Charles. ....	do. ....	19 51
		Secor, E. C. ....	do. ....	10 00
		Seidenberg, N. C. ....	do. ....	25 00
		Sample, Arthur. ....	do. ....	11 50
		Slater, M. E. ....	do. ....	40 19
		Stevens, W. C. ....	do. ....	12 00
		Stone, T. C. ....	do. ....	14 00
		Sutherland, G. F. ....	do. ....	6 37
		Taylor, W. M. ....	do. ....	4 50
		Timmins, H. A. ....	do. ....	14 44
		Tuthill, J. K. ....	do. ....	15 40
		Udinsky, W. P. ....	do. ....	11 75
		Voght, E. ....	do. ....	9 20
		Wallage, S. T. ....	do. ....	21 88
		Welch, R. T. ....	do. ....	11 00
		Zaleski, Paul J. ....	do. ....	19 00
O 4721	Jan. 8	Pay roll. ....	December, 1913. ....	\$1,078 26
		Disoway, M. D. ....	Wages, December, 1913	\$100 00
		Fast, E. E. ....	do. ....	90 00
		Fitch, H. H. ....	do. ....	75 00
		Gibson, A. E. ....	do. ....	8 00
		McFadden, E. C. ....	do. ....	75 00
		Moffit, J. A. ....	do. ....	75 00
		Wakely, A. W. ....	do. ....	80 00
		Buckler, C. W. ....	do. ....	25 99
		Campbell, M. H. ....	do. ....	21 00
		Elder, C. D. ....	do. ....	17 50
		Hitchcock, M. W. ....	do. ....	22 23
		Horning, E. H. ....	do. ....	44 40
		Howe, E. G. ....	do. ....	26 62
		Leggitt, Frank. ....	do. ....	29 75
		Peterson, Reuben W. ....	do. ....	14 85
		Price, C. B. ....	do. ....	18 60
		Rigg, G. L. ....	do. ....	16 67
		Roy, S. K. ....	do. ....	12 90
		Stoutzenberg, Florence. ....	do. ....	25 00
		Traxler, Ivan. ....	do. ....	21 88
		Berchtold, H. A. ....	do. ....	36 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1911.			
O 4721	Jan. 8	Doyle, Bernard	Wages, December, 1913.	\$ 90 00
		Hooker, W. A.	..do.	54 67
		Welker, Clarence	..do.	97 20
O 4722	Jan. 8	J. D. White	Postage	355 00
O 4723	..do.	George W. Barker	Library books	5 88
O 4724	..do.	Pearl Adams	Labor	110 50
O 4725	..do.	W. F. Handschin	Traveling expenses	16 61
O 4726	..do.	The Weis Mfg. Co.	Office supplies	9 78
O 4727	..do.	A. N. Abbott	Labor	67 83
O 4728	..do.	Hegenbart Co.	Cafe supplies	19 20
O 4729	..do.	J. G. Mosier	Traveling expenses	14 25
O 4730	..do.	H. J. Snider	Field expenses	24 47
O 4731	..do.	H. E. Codlin	Services and traveling expenses	51 53
O 4732	..do.	G. W. Beardsley	..do.	36 20
O 4733	..do.	R. E. Gayle	..do.	27 44
O 4734	..do.	J. C. Howser	..do.	44 23
O 4735	..do.	W. J. Mann	Office expenses	1 58
O 4736	..do.	Earl Garver	Traveling expenses	10 33
O 4737	..do.	Chris C. Jensen	..do.	8 04
O 4738	..do.	Garfield Jones	..do.	17 46
O 4739	..do.	J. J. Ausen	..do.	6 70
O 4740	..do.	M. R. Carlson	..do.	4 29
O 4741	..do.	Edwin Behling	..do.	12 92
O 4742	..do.	C. C. Logan	..do.	14 79
O 4743	..do.	J. W. Nave	Drains	105 00
O 4744	..do.	W. A. Wood	..do.	36 00
O 4745	..do.	Stephen Rogers	Field expenses and labor	107 00
O 4746	..do.	Nelson H. Quimette	Traveling expenses	2 10
O 4747	..do.	E. R. Welshly	Laboratory apparatus	24 00
O 4748	..do.	Henry A. Dreer	..do.	10 30
O 4749	..do.	C. H. Stoelting Co.	..do.	20 84
O 4750	..do.	Machinists Supply Co.	Apparatus repairs	5 79
O 4751	..do.	Brown & Sharpe Mfg. Co.	Laboratory apparatus	2 82
O 4752	..do.	J. T. Ryerson & Son	Laboratory supplies	6 92
O 4753	..do.	J. M. Stannard	Laboratory apparatus	13 50
O 4754	..do.	Hoffman & Kropff Chemical Co.	Laboratory supplies	2 10
O 4755	..do.	H. Swannell & Son	..do.	8 80
O 4756	..do.	J. J. Gummersheimer	Expense and services	14 00
O 4757	..do.	Twin City Roofing & Sheet Metal Works	Building material	8 78
O 4758	..do.	Corbin Cabinet Lock Co.	Keys	6 66
O 4759	..do.	J. Bishop & Co. Platinum Works	Laboratory supplies	25 87
O 4760	..do.	J. W. Butler Paper Co.	..do.	4 25
O 4761	..do.	Norton Co.	..do.	3 09
O 4762	..do.	Goldschmidt Thermit Co.	..do.	18 35
O 4763	..do.	Tuttle & Clark	Farm supplies	32 66
O 4764	..do.	Champaign & Urbana Water Co.	Water	1 25
O 4765	..do.	American Berkshire Assn.	Entry fees	5 75
O 4766	..do.	D. T. Dobbins	Green corn	14 90
O 4767	..do.	Oldham Brothers	General supplies	5 95
O 4768	..do.	Reliable Plumbing & Heating Co.	Laboratory apparatus	54 00
O 4769	..do.	Swartz Electric Shop	Laboratory supplies	9 35
O 4770	..do.	F. M. Leslie	..do.	3 70
O 4771	..do.	T. J. Colvin	..do.	2 30
O 4772	..do.	B. F. Stevenson & Son	..do.	5 50
O 4773	..do.	G. C. Willis	General supplies	2 09
O 4774	..do.	Williams Brothers	Building materials	4 17
O 4775	..do.	F. A. Hawley	Concrete work	21 60
O 4776	..do.	Link Belt Co.	Machine repairs	70 00
O 4777	..do.	The Letter Shop	Clerical assistance	2 55
O 4778	..do.	The Western Electric Co.	Electrical materials	92 30
O 4779	..do.	White Line Steam Laundry	Laundry	28 59
O 4780	..do.	The Home Telephone Co.	Exchange service	100 00
O 4781	..do.	Jno. B. Bennett	Drains	4 50
O 4782	..do.	The Babcock & Wilcox Co.	Machinery apparatus	12 60
O 4783	..do.	Federal Sign System	General supplies	5 62
O 4784	..do.	C. A. Denman	Painting	5 46
O 4785	..do.	R. N. Stacy	Clerical assistance	1 00
O 4786	..do.	Weil Brothers	General supplies	50 33
O 4787	..do.	H. I. Carpenter	Tuning piano	10 00
O 4788	..do.	German Kali Works	General supplies	2 70
O 4789	..do.	Henry Troemner	Laboratory apparatus	427 20
O 4790	..do.	Martin Walter	General supplies	35 00
O 4791	..do.	Electric Coal Co.	Coal	161 91
O 4792	..do.	J. C. Thomas	Laboratory apparatus	3 00
O 4793	Jan. 9	John Wiley & Sons	Library books	26 87
O 4794	..do.	Eisner Grocery Co.	Laboratory supplies	6 50
O 4795	..do.	Urbana Courier Co.	Printing	15 00
O 4796	..do.	Crane Co.	Plumbing	109 00
O 4797	..do.	Twin City Printing Co.	Printing	26 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914.				
O 4798	Jan. 9	J. V. Johnson	Field expenses	\$ 88 90
O 4799	..do..	J. E. Whitechurch	Traveling expenses	28 96
O 4800	..do..	W. R. Jones	..do..	2 30
O 4801	..do..	V. A. Place	..do..	10 55
O 4802	..do..	J. L. Edmonds	..do..	13 53
O 4803	..do..	L. T. Brownfield	Labor	164 50
O 4804	..do..	General Electric Co.	Electrical materials	58 30
O 4805	..do..	J. H. Doyle	General supplies	54
O 4806	..do..	Barnhart Brothers	..do..	5 70
O 4807	..do..	Walker & Mulliken	Furniture and fixtures	1 50
O 4808	..do..	S. E. Huff & Co.	..do..	16 25
O 4809	..do..	Standard Oil Co.	General supplies	8 60
O 4810	..do..	Central Electric Co.	Electrical materials	42 46
O 4811	..do..	Eimer & Amend	Laboratory supplies	80 84
O 4812	..do..	National Engraving Co.	Printing and publishing	1 80
O 4813	..do..	Leavitt Mfg. Co.	Building materials	22 45
O 4814	..do..	Benjamin Wilson	Shoeing	7 50
O 4815	..do..	Illinois State Reformatory	Printing	70 45
O 4816	..do..	The Burr Co.	Laboratory supplies	14 35
O 4817	..do..	Flanigan-Pearson Co.	Printing	18 00
O 4818	..do..	U. of I. Supply Store	Furniture and fixtures	10 18
O 4819	..do..	D. H. Lloyd	Office supplies	26 15
O 4820	..do..	E. H. Sargent & Co.	Laboratory supplies	12 50
O 4821	..do..	W. Lewis & Co.	..do..	1 00
O 4822	..do..	Hunter, Rourke & Co.	General supplies	40 90
O 4823	..do..	Taylor Hardware Co.	Building supplies	26 75
O 4824	..do..	Woldenberg & Schaar	Laboratory supplies	15 75
O 4825	..do..	Champaign Steam Laundry	Laundry	16 68
O 4826	Jan. 10	The Robbins & Meyers Co.	Office equipment	62 00
O 4827	..do..	Hunter, Rourke & Co.	Furniture and fixtures	16 38
O 4828	..do..	General Electric Co.	Electrical materials	85 50
O 4829	..do..	Reliable Plumbing & Heating Co.	Plumbing	18 00
O 4830	..do..	The R. D. Swisher Mfg. Co.	Office supplies	1 05
O 4831	..do..	Library Bureau	Furniture and fixtures	11 00
O 4832	..do..	Physicians Supply & Drug Co.	..do..	304 30
O 4833	..do..	American LaFrance Fire Engine Co.	..do..	12 00
O 4834	..do..	C. L. Frame Dental Supply Co.	Laboratory supplies	14 25
O 4835	..do..	Bausch & Lomb Optical Co.	Laboratory apparatus	10 99
O 4836	..do..	A. Daigger & Co.	Laboratory supplies and apparatus	171 62
O 4837	..do..	V. Mueller & Co.	Laboratory apparatus	6 50
O 4838	..do..	A. Kroch & Co.	Books	510 58
O 4839	Jan. 12	Prof. L. F. Anderson	Books and express	1 10
O 4840	..do..	G. L. Peltier	Traveling expenses	9 87
O 4841	..do..	Harrison Fahrnkopf	..do..	2 86
O 4842	..do..	Charles A. Campbell	Field expenses	54 29
O 4843	..do..	G. W. Pickles	Surveying	10 00
O 4844	..do..	R. C. Wagner & Son	Grading	71 49
O 4845	..do..	A. Daigger & Co.	Laboratory supplies	217 08
O 4846	..do..	Hunter, Rourke & Co.	Laboratory apparatus	14 12
O 4847	..do..	H. A. Hollister	Traveling expenses	18 34
O 4848	..do..	J. W. Allen & Co.	Hand truck	6 50
O 4849	..do..	H. M. Hooker Co.	Laboratory apparatus	5 90
O 4850	..do..	Morrison, Plummer & Co.	Laboratory supplies	62 56
O 4851	..do..	A. C. McClurg & Co.	Office equipment	12 98
O 4852	..do..	Chicago Towel Co.	Laundry	24 00
O 4853	..do..	Ella R. Michaels	Laboratory supplies	60 00
O 4854	..do..	Jos. E. Sullivan	..do..	1 50
O 4855	..do..	Huntley Dairy Co.	..do..	3 00
O 4856	..do..	Western Fuel Co.	Coal	230 55
O 4857	..do..	F. G. Hartwell Co.	..do..	372 83
O 4858	Jan. 13	Illinois Traction System	Freight	20 04
O 4859	..do..	C. C. C. & St. L. Ry. Co.	..do..	80 43
O 4860	..do..	Prof. Percy Ash	Traveling expenses	66 25
O 4861	..do..	Bennett's Magazine Agency	Magazines	24 00
O 4862	..do..	H. J. Snider	Traveling expenses	12 69
O 4863	..do..	Harry C. Gikerson	Field expenses	29 00
O 4864	..do..	A. N. Abbott	..do..	23 85
O 4865	..do..	Alfred Bergren	..do..	86 14
O 4866	..do..	C. C. Chapman	Traveling expenses	1 90
O 4867	..do..	John P. Stout	Lecture	50 00
O 4868	..do..	John R. Nelson	Laboratory apparatus	17 00
O 4869	..do..	Dallenbach Bros.	Laboratory supplies	3 48
O 4870	..do..	G. C. Willis	General supplies	7 35
O 4871	..do..	Coast Products Co.	Cafe supplies	11 89
O 4872	..do..	National Biscuit Co.	..do..	1 58
O 4873	..do..	Twin City Creamer Co.	..do..	23 04
O 4874	..do..	Chicago Packing House	..do..	77 00
O 4875	..do..	Louis Ely & Co.	Farm machinery repairs	1 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 4876	Jan. 13	Eimer & Amend.	Laboratory apparatus.	\$ 4 76
O 4877	do.	H. W. Johns-Manville Co.	Laboratory supplies.	12 00
O 4878	do.	C. J. Welch.	Concrete work.	52 00
O 4879	do.	International Press Clipping Bureau.	Clippings.	5 00
O 4880	do.	L. B. Souder.	Cleaning.	2 25
O 4881	do.	Farrar & Quinlan.	Cafe supplies.	15 90
O 4882	do.	White Poultry Farm.	Chickens.	9 00
O 4883	do.	J. S. Reimund.	Cafe supplies.	9 70
O 4884	do.	Tuttle & Clark.	Farm supplies.	24 56
O 4885	do.	Woldenberg & Schaar.	Laboratory supplies.	27 79
O 4886	do.	Walker & Mulliken.	Furniture repairs.	9 00
O 4887	do.	R. A. Stipes.	Sand.	6 00
O 4888	do.	B. A. Strauch.	General supplies.	6 82
O 4889	do.	Limiere Jugla Co.	do.	3 16
O 4890	do.	C. F. Pease Co.	Paper.	1 60
O 4891	do.	Keuffel & Esser Co.	do.	14 69
O 4892	do.	Burke & James.	General supplies.	17 85
O 4893	do.	Henry Troemner.	Laboratory apparatus.	60 00
O 4894	do.	Queen Gray Co.	Apparatus repairs.	42
O 4895	do.	Brown & Sharpe Mfg. Co.	Laboratory supplies.	1 35
O 4896	do.	Flat Iron Store Co.	Furniture and fixtures.	3 00
O 4897	do.	Oldham Brothers.	Paint.	3 45
O 4898	do.	The Western Electric Co.	Electrical apparatus.	45 83
O 4899	do.	Metzler & Schafer Co.	Laboratory supplies.	42 43
O 4900	do.	J. T. Ryerson & Son.	Freight and express.	49
O 4901	do.	F. K. Robeson.	Janitor supplies.	21 25
O 4902	do.	The Champaign News.	Advertising.	4 00
O 4903	do.	White Line Steam Laundry.	Laundry.	70 27
O 4904	do.	General Electric Co.	Electrical materials.	63 30
O 4905	do.	Well Bros.	General supplies.	13 30
O 4906	do.	Ernst Hertzberg & Sons.	Binding.	113 38
O 4907	do.	G. W. Sheldon & Co.	Freight and express.	11 43
O 4908	do.	University of Chicago Press.	Catalog cards.	73
O 4909	do.	Dr. James H. Finch.	Expert services.	49 00
O 4910	Jan. 14	Chester Transfer Co.	Carriage.	1 50
O 4911	do.	Standard Oil Co.	Gasoline.	73
O 4912	do.	Eugene Dietzgen Co.	General supplies.	1 52
O 4913	do.	Flanigan-Pearson Co.	Incidentals.	1 25
O 4914	do.	G. E. Stechert & Co.	Book.	1 88
O 4915	do.	Photo Products Co.	General supplies.	5 19
O 4916	do.	Gym Store.	Athletic apparatus.	60 00
O 4917	do.	W. W. Walls & Co.	Laboratory supplies.	8 20
O 4918	do.	Driver-Harris Wire Co.	do.	1 50
O 4919	do.	Various Contestants (Apple Show).	Apples.	21 25
O 4920	do.	Dafnet & Jagerson.	Freight and express.	14 58
O 4921	do.	A. E. Wuesteman.	Apparatus.	26 50
O 4922	do.	Taylor Hardware Co.	Nails.	2 50
O 4923	do.	Williams Bros.	Glass.	11 10
O 4924	do.	W. T. Ainsworth & Sons.	Corn.	156 60
O 4925	do.	Creanery Package Mfg. Co.	Jars.	7 00
O 4926	do.	General Chemical Co.	Laboratory supplies.	33 60
O 4927	do.	Standard Map Co.	Maps.	18 50
O 4928	do.	Jno. D. Bangs & Co.	Laboratory apparatus.	3 42
O 4929	do.	Romeyn B. Hough.	Library.	14 10
O 4930	do.	American Radiator Co.	Furniture and fixtures.	10 64
O 4931	do.	Geraghty & Co.	Incidentals.	3 00
O 4932	do.	County Superintendent, R. E. Rhine.	Clerical assistance.	37 00
O 4933	do.	Flat Iron Store Co.	Shade.	2 50
O 4934	do.	Champaign & Urbana Water Co.	Water permit.	2 50
O 4935	do.	Gibson Canning Co.	Laboratory supplies.	212 86
O 4936	do.	Inland Supply Co.	Plumbing.	15 57
O 4937	do.	H. A. Ruehe.	Traveling expenses.	46 79
O 4938	do.	Chas. A. Hall Hardware Co.	Tools.	19 16
O 4939	do.	The Burr Co.	Laboratory supplies.	37 22
O 4940	do.	S. E. Dillavou.	Apparatus repairs.	3 85
O 4941	do.	F. K. Robeson.	General supplies.	5 10
O 4942	do.	L. C. Smith Bros Typewriting Co.	Rentals.	20 00
O 4943	do.	Bacon Brothers.	Painting.	11 25
O 4944	do.	Stipes & Hecker.	Expenses.	19 70
O 4945	do.	G. Cramer Dry Plate Co.	Laboratory apparatus.	32 70
O 4946	do.	Champaign Steam Laundry.	Laundry.	43 72
O 4947	do.	Illinois State Reformatory.	Printing.	13 35
O 4948	do.	A. M. & L. A. Terwilliger.	Laboratory supplies.	2 15
O 4949	do.	D. H. Lloyd.	Office supplies.	31 87
O 4950	do.	W. W. Walls & Co.	Board walks.	16 17
O 4951	do.	Eisner Grocery Co.	Cafe supplies.	32 85
O 4952	do.	Leavitt Mfg. Co.	Farm machinery.	51 82
O 4953	do.	Metzler & Schafer Co.	Laboratory supplies.	9 14
O 4954	do.	Electric Appliance Co.	do.	7 89

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 4955	Jan. 14	Geo. B. Carpenter & Co.	Machine repairs	\$ 27 77
O 4956	..do.	Ernst Hertzberg & Sons	Incidentals	1 66
O 4957	..do.	S. E. Dillavou	Farm machinery	111 10
O 4958	..do.	Charles H. Besly & Co.	Laboratory supplies	16 62
O 4959	..do.	Flanigan-Pearson Co.	Printing	23 00
O 4960	..do.	Urbana Courier Co.	..do.	27 00
O 4961	..do.	Twin City Ice & Cold Storage Co.	Ice	2 20
O 4962	..do.	The Burr Co.	General supplies	10 15
O 4963	..do.	Reliable Plumbing & Heating Co.	Laboratory supplies	9 75
O 4964	..do.	Spencer-Lens Co.	Furniture and fixtures	182 70
O 4965	..do.	Bausch & Lomb Optical Co.	Laboratory apparatus	1,848 20
O 4966	..do.	F. A. Hawley	Building materials	3 36
O 4967	..do.	E. H. Sargent & Co.	Laboratory supplies	127 81
O 4968	Jan. 15	Pay roll	January, 1914	82,803 60
		Filbey, E. J.	Salary, January, 1914	\$ 183 33
		James, Edmund J.	..do.	1,000 00
		Frazer, George E.	..do.	321 00
		Smith, Adelle C (Student)	..do.	60 00
		Fair, Sue M.	..do.	80 00
		Fiero, E. E.	..do.	50 00
		Warnock, A. R.	..do.	150 00
		Strong, Lillian	..do.	50 00
		Carrithers, I. R.	..do.	60 00
		Fargo, R. N.	..do.	120 00
		Gill, H. L.	..do.	220 00
		Huff, G. A.	..do.	416 66
		Jones, R. R.	..do.	120 00
		Manley, E. J.	..do.	90 00
		Pengilly, H. E.	..do.	10 00
		Brooks, Verna	..do.	90 00
		Gaut, Rosa Lee	..do.	40 00
		Hitt, Agnes	..do.	20 00
		Hughitt, Anna L.	..do.	100 00
		Landee, Marion C.	..do.	45 00
		Moulton, Gertrude E.	..do.	133 33
		Shoemaker, Dorothy-Ruth	..do.	70 00
		Webster, F. D.	..do.	48 00
		Hollister, H. A.	..do.	270 83
		Ayer, T. P. (Student)	..do.	70 00
		Bollman, Minnie J. (Student)	..do.	32 50
		Branch, Nelle E. (Student)	..do.	32 50
		Breedis, John (Student)	..do.	18 00
		Britton, Floyd Evanston (Student)	..do.	30 00
		Christy, Glen (Student)	..do.	18 00
		Craig, Jennie A.	..do.	80 00
		Drury, F. K. W.	..do.	200 00
		Dunlap, Fannie (Student)	..do.	60 00
		Eppinger, J. G. (Student)	..do.	36 00
		Felsenthal, Emma	..do.	83 33
		Fontaine, E. O. (Student)	..do.	36 00
		Gibson, Mable H. (Student)	..do.	27 50
		Goulding, P. S.	..do.	166 66
		Herdman, Margaret	..do.	75 00
		Hodnefield, Jacob	..do.	125 00
		Hubbard, Marie E. (Student)	..do.	27 50
		Hutchins, Margaret	..do.	83 33
		Janvrin, Charles	..do.	41 66
		Johnson, Alice	..do.	83 33
		Jutton, Emma R.	..do.	100 00
		Kaiser, J. B.	..do.	150 00
		Karsten, Eleanor G.	..do.	100 00
		Leatherman, Marian	..do.	75 00
		Mitchell, Marguerite (Student)	..do.	65 00
		Patton, Adah	..do.	91 66
		Renich, Katherine L. (Student)	..do.	30 00
		Torrance, Mary	..do.	75 00
		Troy, Mary Z. (Student)	..do.	65 00
		Windsor, P. L.	..do.	291 66
		Wyeth, Ola M.	..do.	80 00
		Eldredge, A. G.	..do.	250 00
		Kelley, R. L. (Student)	..do.	100 00
		Rice, G. B.	..do.	250 00
		White, J. M.	..do.	416 66
		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.	200 00
		Rankin, F. H.	..do.	291 66



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 4968 Ctd.	1914. Jan. 15	Allyn, Orr.....	Salary, January, 1914...	\$ 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
		Dickerson, I. W.....	do.....	133 33
		Dickinson, R. W.....	do.....	83 33
		Ebersol, E. T.....	do.....	60 00
		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
		Gernert, 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
		Jahr, M. E.....	do.....	140 00
		Leighty, W. R.....	do.....	116 66
		Logan, C. C.....	do.....	150 00
		Mosier, J. G.....	do.....	291 66
		Niederman, Gertrude.....	do.....	100 00
		Park, J. B.....	do.....	150 00
		Pettit, J. H.....	do.....	250 00
		Reed, C. O.....	do.....	120 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
		VanAlstine, E. D.....	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
		Barto, D. O.....	do.....	200 00
		Bull, Sleeter.....	do.....	133 33
		Carmichael, W. J.....	do.....	91 66
		Coffey, W. C.....	do.....	266 66
		Detlefsen, J. A.....	do.....	200 00
		Edmonds, J. L.....	do.....	208 33
		Hall, L. D.....	do.....	112 50
		Handschin, W. F.....	do.....	200 00
		Mumford, H. W.....	do.....	416 66
		Newlin, C. I.....	do.....	100 00
		Perry, Leonora.....	do.....	100 00
		Place, V. A.....	do.....	100 00
		Rusk, H. P.....	do.....	208 33
		Simpson, F. M.....	do.....	133 33
		Smith, W. H.....	do.....	125 00
		Wells, J. R.....	do.....	83 33
		Yoke, J. J.....	do.....	83 33
		Brand, R. E.....	do.....	175 00
		Clark, E. M.....	do.....	75 00
		Crandall, W. T.....	do.....	150 00
		Fraser, W. J.....	do.....	291 66
		Harding, H. A.....	do.....	416 66
		Hulce, R. S.....	do.....	116 66
		Keller, O. A.....	do.....	91 66
		Lang, LeRoy.....	do.....	175 00
		Parker, H. N.....	do.....	200 00
		Pearson, F. A.....	do.....	91 66
		Ruehe, H. A.....	do.....	133 33
		Yapp, W. W.....	do.....	91 66
		Aust, F. A.....	do.....	83 33
		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. E.....	do.....	150 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 4968 Ctd.	1914. Jan. 15	Foglesong, L. E.	Salary, January, 1914...	\$116 66
		Gardner, J. J.	do.	100 00
		Gunderson, A. J.	do.	100 00
		Harper, Julia A.	do.	65 00
		Hoffman, R. W.	do.	70 00
		Hutchinson, James.	do.	100 00
		Lloyd, J. W.	do.	291 66
		Miller, Wilhelm.	do.	250 00
		Muncie, F. W.	do.	83 33
		Nehrling, A. H.	do.	150 00
		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
		McIntosh, Donald.	do.	208 33
		Ash, Percy.	do.	208 33
		Burton, S. C.	do.	140 00
		Clark, C. R.	do.	166 66
		Corrubia, A. B. M.	do.	160 00
		Cowley, F. K.	do.	120 00
		Fehrenkamp, Winifred.	do.	70 00
		Forsythe, J. H.	do.	150 00
		Jones, R. T.	do.	160 00
		Kellogg, J. M.	do.	150 00
		Kimball, A. H.	do.	150 00
		Provine, L. H.	do.	291 66
		Ricker, N. C.	do.	291 66
		Titcomb, W. C.	do.	175 00
		Wells, N. A.	do.	104 16
		Baker, I. O.	do.	333 33
		Bowling, B. L.	do.	83 33
		Davis, R. E.	do.	120 00
		Garver, N. B.	do.	141 66
		McDaniel, A. B.	do.	229 16
		Parcel, J. I.	do.	208 33
		Pickels, G. W.	do.	150 00
		Raynor, W. H.	do.	130 00
		Smith, J. E.	do.	150 00
		Wiley, C. C.	do.	141 66
		Wilson, W. M.	do.	183 33
		Mills, Guy G.	do.	90 00
		Biegler, P. S.	do.	166 66
		Brooks, Morgan.	do.	250 00
		Bryant, J. M.	do.	229 16
		Fisk, I. W.	do.	133 33
		James, L. V.	do.	133 33
		Knight, A. R.	do.	150 00
		Paine, E. B.	do.	250 00
		Waldo, E. H.	do.	166 66
		Abrams, D. A.	do.	150 00
		Chittenden, A. K.	do.	229 16
		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
		Yensen, T. D.	do.	133 33
		Beach, Robin.	do.	100 00
		Crane, Rufus.	do.	100 00
		Jordan, H. H.	do.	140 00
		Miller, H. W.	do.	183 33
		Nelson, W. S.	do.	30 00
		Porter, F. M.	do.	125 00
		Rugg, H. O.	do.	150 00
		Steward, R. K.	do.	141 66
		Benedict, B. W.	do.	291 66
		Dent, J. A.	do.	150 00
		Domonske, A. B.	do.	140 00
		Duncan, J. M.	do.	90 00
		Eames, H. S.	do.	140 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 4968 <i>Ctd.</i>	1914. Jan. 15	Gross, G. A. ....	Salary, January, 1914...	\$150 00
		Frisk, J. A. ....	do. ....	91 66
		Godeke, H. F. ....	do. ....	130 00
		Goodenough, G. A. ....	do. ....	291 66
		Harding, L. A. ....	do. ....	291 66
		Kennedy, R. E. ....	do. ....	150 00
		Lanham, E. T. ....	do. ....	120 00
		Leutwiler, O. A. ....	do. ....	241 66
		Pendleton, J. C. ....	do. ....	100 00
		Radebaugh, G. H. ....	do. ....	110 00
		Rebman, P. J. ....	do. ....	80 00
		Richards, C. R. ....	do. ....	479 16
		Scroggin, D. L. ....	do. ....	120 00
		Torrance, F. C. ....	do. ....	110 00
		Waterfall, H. W. ....	do. ....	130 00
		Willard, A. C. ....	do. ....	200 00
		Holbrook, E. A. ....	do. ....	208 33
		Stoek, H. H. ....	do. ....	416 66
		Young, L. E. ....	do. ....	150 00
		Babbitt, H. E. ....	do. ....	140 00
		Boomsliiter, G. P. ....	do. ....	170 00
		Enger, M. L. ....	do. ....	187 50
		Ensign, N. E. ....	do. ....	150 00
		Fleming, V. R. ....	do. ....	150 00
		Gardner, Harry. ....	do. ....	140 00
		Gonnerman, H. F. ....	do. ....	150 00
		Noerenberg, C. E. ....	do. ....	170 00
		Seely, F. B. ....	do. ....	170 00
		Talbot, A. N. ....	do. ....	416 66
		Vallance, Alexander. ....	do. ....	140 00
		Bair, W. H. ....	do. ....	50 00
		Carman, A. P. ....	do. ....	416 66
		Jones, L. T. ....	do. ....	95 00
		Karrer, Sebastian. ....	do. ....	70 00
		Knipp, C. T. ....	do. ....	233 33
		Kunz, Jacob. ....	do. ....	208 33
		Nathanson, J. B. ....	do. ....	50 00
		Schulz, W. F. ....	do. ....	183 33
		Randolph, O. A. ....	do. ....	90 00
		Shook, G. A. ....	do. ....	120 00
		Smith, O. H. ....	do. ....	95 00
		Watson, F. R. ....	do. ....	229 16
		Warner, E. H. ....	do. ....	80 00
		Williams, E. H. ....	do. ....	141 66
		Hayes, J. B. ....	do. ....	90 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
		Andros, S. O. ....	do. ....	175 00
		Decker, E. H. ....	do. ....	291 66
		Green, Frederick. ....	do. ....	291 66
		Hale, W. G. ....	do. ....	291 66
		Harker, O. A. ....	do. ....	416 66
		Pomeroy, J. N. ....	do. ....	208 33
		Vernier, C. G. ....	do. ....	291 66
		Cassidy, H. M. (Student) ....	do. ....	25 00
		Andrews, O. M. ....	do. ....	83 33
		Babcock, K. C. ....	do. ....	416 66
		Meyer, G. H. ....	do. ....	229 16
		Bradbury, C. E. ....	do. ....	120 00
		Kelley, C. F. ....	do. ....	150 00
		Lake, E. J. ....	do. ....	187 50
		Wetmore, Mary M. ....	do. ....	150 00
		Bond, J. J. D. ....	do. ....	30 00
		Reed, F. W. ....	do. ....	140 00
		Stebbins, Joel. ....	do. ....	291 66
		Burton, L. V. ....	do. ....	60 00
		Newell, C. R. ....	do. ....	100 00
		Rahn, Otto. ....	do. ....	225 00
		Brigham, R. O. ....	do. ....	60 00
		Hague, Stella M. ....	do. ....	90 00
		Hottes, C. F. ....	do. ....	250 00
		Lamkey, E. M. R. ....	do. ....	60 00
		LeCato, J. M. ....	do. ....	60 00
		McDougall, W. B. ....	do. ....	120 00
		Parr, Rosalie M. ....	do. ....	80 00
		Scherfee, S. H. ....	do. ....	30 00
		Trelease, Wm. ....	do. ....	416 66

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 4968 Ctd.	1914. Jan. 15	Waggoner, H. D. ....	Salary, January, 1914...	\$ 60 00
		Whitten, J. H. ....	do. ....	60 00
		Hursh, R. K. ....	do. ....	150 00
		Radcliffe, B. S. ....	do. ....	120 00
		Rand, C. C. ....	do. ....	80 00
		Stull, R. T. ....	do. ....	250 00
		Williams, A. E. ....	do. ....	125 00
		Adams, W. C. ....	do. ....	10 00
		Allen, C. H. ....	do. ....	50 00
		Baker, R. E. ....	do. ....	35 00
		Balke, C. W. ....	do. ....	250 00
		Ball, T. R. ....	do. ....	30 00
		Bates, S. J. ....	do. ....	100 00
		Beal, G. D. ....	do. ....	140 00
		Braley, S. A. ....	do. ....	10 00
		Broderson, H. J. ....	do. ....	120 00
		Carter, H. M. ....	do. ....	30 00
		Charlton, E. E. ....	do. ....	30 00
		Clark, K. A. ....	do. ....	35 00
		Cohn, Alexander. ....	do. ....	10 00
		Darrah, Juanita E. ....	do. ....	30 00
		Davissou, B. S. ....	do. ....	60 00
		Derick, C. G. ....	do. ....	166 66
		Eckstein, C. H. ....	do. ....	10 00
		Engle, E. W. ....	do. ....	50 00
		Englis, D. T. ....	do. ....	30 00
		Foster, L. F. ....	do. ....	50 00
		Gilmore, R. E. ....	do. ....	30 00
		Hecker, C. H. ....	do. ....	100 00
		Hess, R. W. ....	do. ....	50 00
		Hewes, C. K. ....	do. ....	60 00
		Honovski, B. R. ....	do. ....	80 00
		Hopkins, B. S. ....	do. ....	140 00
		Janson, J. M. ....	do. ....	10 00
		Kamm, Oliver. ....	do. ....	60 00
		Kremmers, H. C. ....	do. ....	30 00
		Layng, T. E. ....	do. ....	60 00
		Lewis, H. F. ....	do. ....	50 00
		MacArthur, C. G. ....	do. ....	150 00
		MacInnes, D. A. ....	do. ....	140 00
		Manuel, W. A. ....	do. ....	30 00
		Marquis, S. D. ....	do. ....	30 00
		Nelson, R. A. ....	do. ....	10 00
		Noyes, W. A. ....	do. ....	416 66
		Parr, S. W. ....	do. ....	333 33
		Prasil, Anton. ....	do. ....	10 00
		Read, J. W. ....	do. ....	60 00
		Rich, P. C. ....	do. ....	10 00
		Ruby, G. B. ....	do. ....	10 00
		School, Clarence. ....	do. ....	30 00
		Sears, G. W. ....	do. ....	60 00
		Sievert, C. W. J. ....	do. ....	10 00
		Skinner, G. S. ....	do. ....	10 00
		Smith, G. M. ....	do. ....	166 66
		Smith, L. D. ....	do. ....	100 00
		Snook, J. D. ....	do. ....	10 00
		Straw, W. A. ....	do. ....	10 00
		Taylor, E. H. ....	do. ....	30 00
		Taylor, S. C. ....	do. ....	50 00
		Thorp, Lambert. ....	do. ....	120 00
		Tippett, R. W. ....	do. ....	30 00
		Valentine, H. D. ....	do. ....	30 00
		VanZoren, G. J. ....	do. ....	60 00
		Washburn, E. W. ....	do. ....	291 66
		Weber, H. C. P. ....	do. ....	166 66
		Weiland, H. J. ....	do. ....	35 00
		Wichers, Edward. ....	do. ....	30 00
		Wildman, E. A. ....	do. ....	50 00
		Bogart, E. L. ....	do. ....	291 66
		Chase, W. A. ....	do. ....	200 00
		Dewsnup, E. R. ....	do. ....	250 00
		Litman, Simon. ....	do. ....	208 33
		Prickett, A. L. ....	do. ....	40 00
		Robinson, M. H. ....	do. ....	250 00
		Scoville, H. T. ....	do. ....	200 00
		Stewart, C. L. ....	do. ....	70 00
		Thompson, C. M. ....	do. ....	180 00
		Thompson, J. G. ....	do. ....	180 00
		Weston, N. A. ....	do. ....	250 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 4968 Ctd.	1914. Jan. 15	Barton, H. J.....	Salary, January, 1914...	\$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
		Anderson, L. F.....	do.	229 16
		Bagley, W. C.....	do.	416 66
		Coffman, L. D.....	do.	291 66
		Hallquest, A. L.....	do.	50 00
		Harlan, C. L.....	do.	50 00
		Johnston, C. H.....	do.	291 66
		Miller, W. S.....	do.	150 00
		Alden, R. M.....	do.	375 00
		Baldwin, E. C.....	do.	175 00
		Boyer, C. V.....	do.	140 00
		Buchen, W. A.....	do.	150 00
		Clark, T. A.....	do.	500 00
		Creek, H. L.....	do.	140 00
		Curl, M. J.....	do.	140 00
		Dixon, R. E.....	do.	110 00
		Dodge, D. K.....	do.	270 83
		Fulton, Edward.....	do.	175 00
		Goodwin, T. G.....	do.	100 00
		Guild, T. H.....	do.	125 00
		Gwinn, Alta.....	do.	90 00
		Harbarger, Sada A.....	do.	100 00
		Jones, E. S.....	do.	120 00
		Jones, H. S. V.....	do.	183 33
		Jordan, J. C.....	do.	100 00
		Kelso, Ruth.....	do.	100 00
		Kyle, Martha J.....	do.	180 00
		Landee, Marion.....	do.	45 00
		Loomis, R. S.....	do.	120 00
		McJohnston, Harrison.....	do.	120 00
		Paul, H. G.....	do.	208 33
		Rinaker, Clarissa.....	do.	110 00
		Sarett, L. R.....	do.	100 00
		Schoepperle, Gertrude.....	do.	130 00
		Scott, F. W.....	do.	200 00
		Sherman, S. P.....	do.	308 33
		Stanley, T. B.....	do.	50 00
		Sutcliffe, E. G.....	do.	100 00
		Tieje, A. J.....	do.	120 00
		Whicher, G. F.....	do.	110 00
		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
		Peterson, Alvah.....	do.	60 00
		Glasgow, Robert D.....	do.	120 00
		Bayley, W. S.....	do.	250 00
		Fleener, F. L.....	do.	40 00
		Heitkamp, G. W.....	do.	40 00
		Rich, J. L.....	do.	150 00
		Rolfe, C. W.....	do.	250 00
		Ross, C. S.....	do.	40 00
		Savage, T. E.....	do.	208 33
		Thompson, David.....	do.	40 00
		Barto, P. S.....	do.	100 00
		Brooks, N. C.....	do.	208 33
		Flom, G. T.....	do.	233 33
		Goebel, Julius.....	do.	312 50
		Green, Alexander.....	do.	120 00
		Held, F. E.....	do.	50 00
		Koller, A. H.....	do.	130 00
		Lessing, O. E.....	do.	291 66
		Poor, C. M.....	do.	150 00
		Spindler, G. W.....	do.	50 00
		Williams, C. A.....	do.	150 00
		Zucker, A. E.....	do.	50 00
		Alvord, C. W.....	do.	145 83
		Brush, Elizabeth P.....	do.	90 00
		Buck, S. J.....	do.	150 00
		Cole, A. C.....	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

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 4968 Ctd.	1914. Jan. 15	Robertson, W. S.	Salary, January, 1914...	\$208 33
		Borger, R. L.	do.	125 00
		Burns, Josephine E.	do.	100 00
		Chittenden, E. W.	do.	120 00
		Crathorne, A. R.	do.	166 66
		Denton, W. W.	do.	140 00
		Emch, Arnold.	do.	187 50
		Hebbert, C. M.	do.	60 00
		Kempner, A. J.	do.	140 00
		Lytle, E. B.	do.	150 00
		Miller, G. A.	do.	291 66
		Rietz, H. L.	do.	158 33
		Rowland, S. A.	do.	75 00
		Rutledge, George.	do.	60 00
		Shaw, J. B.	do.	229 16
		Sisam, C. H.	do.	183 33
		Smith, G. W.	do.	60 00
		Stouffer, E. B.	do.	130 00
		Townsend, E. J.	do.	333 33
		Wahlin, G. E.	do.	116 66
		Zeis, H. C.	do.	60 00
		Beard, J. H.	do.	130 00
		Burge, W. E.	do.	183 33
		Neill, Alma J.	do.	60 00
		Bode, B. H.	do.	291 66
		Daniels, A. H.	do.	333 33
		Geyer, D. L.	do.	50 00
		Shepherd, Queen L.	do.	110 00
		Dodd, W. F.	do.	191 66
		Fairlie, J. A.	do.	291 66
		Garner, J. W.	do.	333 33
		Hanford, A. C.	do.	50 00
		Mathews, J. M.	do.	150 00
		Bentley, Madison.	do.	270 83
		Ruckmich, C. A.	do.	130 00
		Sutherland, A. H.	do.	150 00
		Vance, T. J.	do.	90 00
		Allen, Louis.	do.	45 00
		Beck, J. B.	do.	166 66
		Carnahan, D. H.	do.	112 50
		Carry, Charles.	do.	110 00
		Eppels, Joseph.	do.	90 00
		FitzGerald, J. D., II.	do.	225 00
		Moore, O. H.	do.	120 00
		Oliver, T. E.	do.	250 00
		Schulters, J. R.	do.	80 00
		Seymour, A. R.	do.	191 66
		Turner, L. M.	do.	150 00
		Wesenberg, T. G.	do.	90 00
		Hayes, E. C.	do.	275 00
		Todd, A. J.	do.	141 66
		Adams, C. C.	do.	137 50
		Chenoweth, H. E.	do.	30 00
		Cobb, Margaret V.	do.	30 00
		Faust, E. C.	do.	60 00
		Green, Bessie R.	do.	60 00
		Heimbürger, H. V.	do.	60 00
		Johnson, Gertrude.	do.	40 00
		Kingsley, J. S.	do.	291 66
		Linkins, R. H.	do.	60 00
		May, H. G.	do.	30 00
		Smith, Frank.	do.	250 00
		Stunkard, H. W.	do.	30 00
		Van Cleave, H. J.	do.	120 00
		Ward, H. B.	do.	416 66
		Wells, Grace E.	do.	30 00
		Zeleny, Charles.	do.	250 00
		Hanson, F. B. (Student).	do.	60 00
		Kinley, David.	do.	583 33
		Wright, A. B.	do.	50 00
		Austin, Louise.	do.	25 00
		Bayley, Paul.	do.	25 00
		Blaney, Lillian.	do.	25 00
		Bradner, A. R.	do.	25 00
		Browne, Lois A.	do.	25 00
		Clark, Helen.	do.	25 00
		Coultas, Lois M.	do.	25 00
		Cushing, Helen I.	do.	25 00
		Dewey, Ida B.	do.	25 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 4968 Ctd.	1914. Jan. 15	Fisher, L. N.	Salary, January, 1914...	\$ 25 00
		Garman, Philip	do.	25 00
		Hackett, Aloa A.	do.	25 00
		Heck, A. O.	do.	25 00
		Ingels, Nelle L.	do.	25 00
		Kile, Jessie J.	do.	25 00
		Knight, C. K.	do.	25 00
		Knoche, Viola E.	do.	25 00
		Lamb, B. F.	do.	25 00
		Lantz, C. W.	do.	25 00
		Lawrence, Mathew	do.	25 00
		Lincoln, Warren	do.	25 00
		McKenna, E. L.	do.	25 00
		Mathews, Howard	do.	25 00
		Miles, Lois M.	do.	25 00
		Miller, Jessie F.	do.	25 00
		Pasmore, D. F.	do.	25 00
		Parker, Karr	do.	25 00
		Partridge, N. L.	do.	25 00
		Paulson, P. A.	do.	25 00
		Ray, S. H.	do.	25 00
		Reeves, H. P.	do.	25 00
		Schinnerer, O. P.	do.	25 00
		Shewhart, W. A.	do.	25 00
		Siebens, Thekla M.	do.	25 00
		Stevens, W. E.	do.	25 00
		Stokes, C. N.	do.	25 00
		Sullivan, W. W.	do.	25 00
		Theilen, Margaret K.	do.	25 00
		Thoreen, Edna A.	do.	25 00
		Thorne, Mabel E.	do.	25 00
		Wilber, A. S.	do.	25 00
		Wilson, W. H.	do.	25 00
		Wolf, H. C.	do.	25 00
		Wolfe, W. S.	do.	25 00
		Brown, R. W.	do.	35 00
		Carroll, W. E.	do.	40 00
		Clark, F. E.	do.	35 00
		Conel, J. L.	do.	35 00
		Cort, W. W.	do.	30 00
		Farwell, S. P.	do.	40 00
		Fracker, S. B.	do.	35 00
		Gittins, Elizabeth M.	do.	30 00
		Gutberlet, J. E.	do.	40 00
		Harder, O. E.	do.	30 00
		Heuse, E. O.	do.	40 00
		Holley, C. E.	do.	35 00
		Howard, J. W.	do.	30 00
		Johnson, Morris	do.	30 00
		Kircher, E. A. T.	do.	40 00
		Lehenbauer, P. A.	do.	40 00
		Macfarlane, Wallace	do.	35 00
		McGregor, H. H.	do.	35 00
		Mathewson, L. C.	do.	40 00
		Millard, E. B.	do.	40 00
		Miller, J. E.	do.	35 00
		Peine, A. F.	do.	35 00
		Russell, F. A.	do.	35 00
		Voegelien, Lily B.	do.	30 00
		Watson, Minnie E.	do.	35 00
		Wright, Quincy	do.	30 00
		Wyatt, F. A.	do.	35 00
		Belt, J. H.	do.	50 00
		Hadley, H. F.	do.	50 00
		McDermet, Rudolph	do.	50 00
		Maney, G. A.	do.	50 00
		Montgomery, Julian	do.	50 00
		Nebel, M. L.	do.	50 00
		Pogue, R. B.	do.	50 00
		Thomas, H. R.	do.	50 00
		Wohlenberg, W. J.	do.	50 00
		Bond, Ethel	do.	83 33
		Curtis, Florence R.	do.	133 33
		Reece, E. J.	do.	133 33
		Simpson, Frances	do.	166 66
		Harding, A. A.	do.	180 00
		Kirkup, Florence M.	do.	100 00
		Mills, C. H.	do.	225 00
		Morphy, E. W.	do.	170 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 4968	Jan. 15	Nasmyth, H. D.	Salary, January, 1914...	\$170 00
Cld.		Schwartz, G. F.	do.	183 33
		Simon, Anna	do.	100 00
		Smith, Constance-Barlow	do.	166 66
		Townsend, L. L.	do.	120 00
		Treat, Edna A.	do.	100 00
		Vanden Berg, H. J.	do.	180 00
		Colson, H. H.	do.	100 00
		Clark, A. H.	do.	150 00
		Day, W. B.	do.	208 33
		Eicher, B. L.	do.	100 00
		Gathercoal, E. N.	do.	130 00
		Snow, C. M.	do.	150 00
		Bartow, Edward	do.	249 97
		Langeleir, W. F.	do.	125 00
		Spaulding, C. H.	do.	60 00
O 4969	do.	O. E. Staples, Bursar	Express bills.	\$ 45 74
O 4970	do.	O. E. Staples, Bursar	Sundry bills.	28 40
O 4971	do.	O. E. Staples, Bursar	Student labor	139 73
O 4972	do.	O. E. Staples, Bursar	General labor	125 95
O 4973	do.	O. E. Staples, Bursar	Student labor	236 10
O 4974	do.	O. E. Staples, Bursar	General labor	400 63
O 4975	do.	O. E. Staples, Bursar	Express bills.	50 21
O 4976	do.	O. E. Staples, Bursar	Student labor	440 22
O 4977	do.	Pay roll.	January, 1914	8,515 78
		Alexander, Lilla	Salary, January, 1914...	65 00
		Alley, W. E.	do.	85 00
		Amos, Winifred L.	do.	75 00
		Atkinson, C. E.	do.	141 66
		Beyer, Melinda L.	do.	75 00
		Blackwell, Mary	do.	55 00
		Boice, L. A.	do.	125 00
		Bowen, Evalena	do.	65 00
		Broadhurst, Tabitha J.	do.	75 00
		Brown, Ina M.	do.	60 00
		Bryan, Sarah E.	do.	70 00
		Buckles, Mildred	do.	65 00
		Buckler, Helen I.	do.	60 00
		Burt, Ruth	do.	50 00
		Cass, Elizabeth H.	do.	65 00
		Crawford, C. C.	do.	65 00
		Cover, Hazel	do.	60 00
		Cunningham, H. E.	do.	166 66
		Custer, Emma L.	do.	75 00
		Dalton, C. E.	do.	50 00
		Durley, Franc A.	do.	50 00
		Emigh, Edith	do.	70 00
		Feind, Frances	do.	80 00
		Feldkamp, Amelia	do.	50 00
		Fieg, Robert	do.	50 00
		Flattery, Amanda	do.	60 00
		Foss, Margaret C.	do.	50 00
		Fraser, Viola	do.	65 00
		Gage, Marjorie R.	do.	75 00
		Gallaher, Marion B.	do.	50 00
		Garwood, Frances	do.	50 00
		Goetz, Antoinette	do.	70 00
		Good, Elizabeth	do.	50 00
		Gordon, Marie A.	do.	55 00
		Griffith, Mabel	do.	70 00
		Halliday, Mable	do.	60 00
		Hamilton, Mrs. Alice V.	do.	75 00
		Havens, Charles	do.	120 00
		Heater, Myrtle E.	do.	60 00
		Houchens, Josie B.	do.	83 33
		Hall, A. H.	do.	65 00
		Humrichouse, Katie L.	do.	50 00
		Johnson, Gertrude E.	do.	60 00
		Kirwin, Nora	do.	50 00
		Knapp, Aurella	do.	75 00
		Lahr, Lawrence	do.	50 00
		Lamb, Allie B.	do.	55 00
		Lee, A. R.	do.	91 66
		Leitz, Louise A.	do.	40 00
		Love, Mary E.	do.	65 00
		McConn, C. M.	do.	250 00
		McGehee, Hester Elizabeth	do.	40 00
		McGurty, Agnes	do.	83 33
		McIntire, W. A.	do.	50 00
		Manspeaker, L. Mae	do.	83 33



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 4977	Jan. 15	Meneley, Maude E.....	Salary, January, 1914...	\$ 60 00
Cld.		Merchant, Donna.....	do.....	50 00
		Meseck, R.....	do.....	65 00
		Millar, Mary.....	do.....	70 00
		Miller, C. F.....	do.....	90 00
		Morrow, J. A.....	do.....	166 66
		Murphy, Morris.....	do.....	110 00
		Neeham, Lucille.....	do.....	60 00
		Nyberg, Florence A.....	do.....	50 00
		Oberdorfer, H. D.....	do.....	208 33
		Packard, Bessie.....	do.....	75 00
		Peel, Elizabeth C.....	do.....	75 00
		Peel, Thomas.....	do.....	55 00
		Post, Frederick.....	do.....	75 00
		Postlewait, Harriet L.....	do.....	55 00
		Potter, Mabel.....	do.....	75 00
		Powell, B. E.....	do.....	191 66
		Pulling, Elizabeth.....	do.....	60 00
		Putnam, Persis.....	do.....	75 00
		Rein, Lillian E.....	do.....	50 00
		Renz, Myrtle.....	do.....	75 00
		Ricketts, Clara.....	do.....	60 00
		Riggs, Bess.....	do.....	30 00
		Robertson, Nellie.....	do.....	70 00
		Rogers, Della M.....	do.....	40 00
		Scanlan, Mary.....	do.....	60 00
		Sharp, Bertha L.....	do.....	55 00
		Shaw, Hazel Y.....	do.....	65 00
		Shepard, Anna L.....	do.....	100 00
		Showers, T. J.....	do.....	125 00
		Slater, Sara M.....	do.....	60 00
		Smith, Florence E.....	do.....	75 00
		Smith, I. M.....	do.....	125 00
		Smith, Mayme L.....	do.....	65 00
		States, Bertha G.....	do.....	50 00
		Stevens, Sabra.....	do.....	65 00
		Stricklan, Freda O.....	do.....	65 00
		Towne, L. J.....	do.....	175 00
		Tuttle, G. P.....	do.....	100 00
		Tyrrell, Josephine.....	do.....	50 00
		Vaubel, D.....	do.....	60 00
		Voight, Lida E.....	do.....	83 33
		White, Loretta.....	do.....	70 00
		Winchester, B. L.....	do.....	50 00
		Wyninger, H. T.....	do.....	60 00
		Phelps, Virgil Vivian.....	do.....	150 00
		Ellis, E. R.....	do.....	50 00
		Exton, Edna M.....	do.....	35 00
		Katz, Louise W.....	do.....	75 00
		Leonard, Russell.....	do.....	45 83
		Lonius, J. O.....	do.....	90 00
		Magruder, Ira W.....	do.....	70 00
		Math, E. R.....	do.....	125 00
		Paulus, William H.....	do.....	55 00
		Reid, Olive G.....	do.....	50 00
		Ressler, Milton.....	do.....	80 00
		Vanderbeck, H. J.....	do.....	65 00
		Wright, G. E.....	do.....	125 00
O 4978	do.....	Electric Coal Co.....	Coal.....	\$4, 550 33
O 4979	do.....	S. E. Huff & Co.....	Lumber.....	33 35
O 4980	do.....	Barnhart Bros.....	Hinges and locks.....	3 20
O 4981	do.....	J. T. Ryerson & Son.....	Laboratory supplies.....	87 23
O 4982	do.....	B. F. Stevenson & Son.....	Jars.....	8 00
O 4983	do.....	Eugene Dietzgen Co.....	Paper.....	1 40
O 498	do.....	Flanigan-Pearson Co.....	Printing.....	66 00
O 4985	do.....	Bennett's Magazine Agency.....	Magazines.....	24 00
O 4986	do.....	Electric Appliance Co.....	Laboratory supplies.....	4 50
O 4987	do.....	Vaughan's Seed Store.....	Nursery stock.....	28 00
O 4988	do.....	Cunningham Bros.....	General supplies.....	34 80
O 4989	do.....	Truax Greene & Co.....	Laboratory apparatus.....	5 70
O 4990	do.....	S. E. Dillavou.....	Farm machinery repairs.....	1 00
O 4991	do.....	The Letter Shop.....	Clerical assistance.....	4 85
O 4992	do.....	Holstein-Friesian Assn. of Amer ca.....	Registration fee.....	2 00
O 4993	do.....	Commercial Telephone & Telegraph Co.....	Service.....	7 00
O 4994	do.....	R. W. McCready Cork Co.....	Corks.....	12 45
O 4995	do.....	National Engraving Co.....	Zinc etching.....	4 30
O 4996	do.....	Julien P. Friez.....	Ink.....	75
O 4997	do.....	C. W. Johnson.....	Laboratory supplies.....	2 50
O 4998	do.....	A. Roland.....	Corn.....	435 87
O 4999	do.....	The Kinnear Mfg. Co.....	Steel door.....	69 55

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 5000	Jan. 15	Twin City Printing Co.	Printing.	\$181 00
O 5001	do.	Kent & Elliott	Coal.	3 50
O 5002	do.	F. A. Pearson	Traveling expenses.	4 58
O 5003	do.	W. J. Mann	Labor.	46 91
O 5004	do.	J. J. Ausen	Traveling expenses.	8 29
O 5005	do.	L. A. Snyder	Traveling expenses and services	25 01
O 5006	do.	Fox Machine Co.	Laboratory apparatus.	24 75
O 5007	do.	F. C. Slater	Traveling expenses.	20 99
O 5008	Jan. 16	Champaign Steam Laundry	Laundry	53 57
O 5009	do.	B. A. Strauch	Negatives.	35 65
O 5010	do.	Central Electric Co.	Laboratory supplies.	10 44
O 5011	do.	W. L. Vansant	Dictionaries.	4 50
O 5012	do.	Illinois State Reformatory	Printing.	47 50
O 5013	do.	J. Horace McFarland Co.	Laboratory apparatus.	90 35
O 5014	do.	The Creamery Package Mfg. Co.	General supplies.	35 93
O 5015	do.	Knowlton & Bennett	Laboratory supplies.	2 55
O 5016	do.	Stipes & Hecker	Cement and gravel.	20 60
O 5017	do.	E. H. Sargent & Co.	Laboratory supplies.	64 18
O 5018	do.	R. C. Wagner & Son.	Labor.	293 55
O 5019	do.	J. D. White, Clerk.	Postal cards.	75 00
O 5020	do.	Professor Wolfgang Ostwald.	Lectures.	125 00
O 5021	Jan. 19	Walter H. Rowe.	Lecture and traveling expenses.	71 00
O 5022	do.	J. O. Tupper	Labor.	36 00
O 5023	do.	Garfield Jones.	Traveling expenses.	14 76
O 5024	do.	C. G. Cox	Traveling expenses and expert service.	44 42
O 5025	do.	Chicago Telephone Co.	Service.	23 35
O 5026	do.	J. E. Smith	Expert services.	213 75
O 5027	do.	Wilhelm Miller	Traveling expenses.	7 52
O 5028	do.	Ralph Chaplin	do.	10 55
O 5029	do.	F. W. Muncie	do.	40 77
O 5030	do.	C. C. Logan	do.	18 95
O 5031	do.	John Berlin	Labor.	52 00
O 5032	do.	James M. White.	Traveling expenses.	105 25
O 5033	do.	Barnhart Brothers.	Building materials.	4 61
O 5034	do.	Pilcher-Hamilton Co.	Laboratory supplies.	13 00
O 5035	do.	Ernst Leitz	Laboratory apparatus.	18 24
O 5036	do.	Chicago Towel Co.	Laundry.	37 42
O 5037	do.	Lussky White & Coolidge.	General supplies.	71
O 5038	do.	Chas. A. Strelinger Co.	Laboratory supplies.	12 62
O 5039	do.	James B. Clow & Sons.	Plumbing.	12 35
O 5040	do.	J. W. Dunlap	Machine repairs.	23 35
O 5041	do.	Jacob White.	Plastering.	11 75
O 5042	do.	Miller Harness Co.	Repairing harness.	4 35
O 5043	do.	Luitwieler Pumping Engine Co.	General supplies.	5 40
O 5044	do.	The Fourth Estate.	Magazine.	6 00
O 5045	do.	Williams Brothers.	Laboratory supplies.	5 40
O 5046	do.	W. & L. E. Gurley.	do.	5 04
O 5047	do.	Thr Burr Co.	Laboratory apparatus.	7 00
O 5048	do.	Flanigan-Pearson Co.	Office supplies.	10 00
O 5049	do.	Taylor Instrument Co.	Thermometer	2 35
O 5050	do.	Eisner Grocery Co.	Salt.	1 30
O 5051	do.	James Mfg. Co.	Stalls.	72 96
O 5052	do.	W. W. Walls & Co.	Lumber.	23 10
O 5053	do.	Spaulding & Quirk.	General supplies.	4 00
O 5054	do.	H. D. Oberdorfer	Traveling expenses.	4 60
O 5055	do.	E. H. Sargent & Co.	Tubing.	1 99
O 5056	do.	Harrison Safety Boiler Works	Laboratory apparatus.	27 08
O 5057	do.	G. C. Willis	Muslin.	3 81
O 5058	do.	Central Electric Co.	Electric supplies.	79 33
O 5059	do.	B. A. Strauch	Laboratory supplies.	7 75
O 5060	do.	Chas. H. Besly & Co.	do.	24 75
O 5061	do.	Fuller & Fuller Co.	do.	48 27
O 5062	do.	Williams Bros.	do.	15
O 5063	do.	U. of I. Supply Store.	Automatic stamp.	1 25
O 5064	do.	Machinists Supply Co.	Laboratory apparatus.	19 76
O 5065	do.	F. K. Robeson.	Cheese cloth.	7 30
O 5066	do.	Green Engineering Co.	Machine repairs.	30 60
O 5067	do.	The Cudahy Packing Co.	Soap powder.	12 00
O 5068	do.	The Electric Coal Co.	Coal.	74 52
O 5069	do.	Twin City Roofing Co.	Supplies.	1 15
O 5070	do.	The Garlock Packing Co.	Machine repairs.	12 51
O 5071	do.	V. Mueller & Co.	Laboratory supplies.	3 20
O 5072	do.	Maas Bros.	Laboratory apparatus.	41 15
O 5073	do.	A. Daigger & Co.	Filter papers.	92 76
O 5074	do.	Morrison, Plummer & Co.	Laboratory supplies.	11 55
O 5075	do.	S. S. White Dental Mfg. Co.	Laboratory apparatus.	28 51
O 5076	do.	Meyer & Wenthe.	Office supplies.	2 46
O 5077	do.	John W. Spalding	Horse shoeing.	16 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 5078	Jan. 19	Campbell & Spalding.....	Horse shoeing.....	\$ 12 00
O 5079	..do..	B. A. Strauch.....	General supplies.....	6 49
O 5080	..do..	Bacon Brothers.....	..do..	1 60
O 5081	..do..	Reliable Plumbing & Heating Co.....	Plumbing.....	90 58
O 5082	..do..	Barnhart Brothers.....	Building materials.....	5 66
O 5083	..do..	The Burr Co.....	General supplies.....	58 32
O 5084	..do..	Bacon Bros.....	Building materials.....	2 63
O 5085	..do..	Ideal Electric Co.....	Electric materials.....	131 81
O 5086	..do..	Eisner Grocery Co.....	General supplies.....	24 56
O 5087	Jan. 20	V. Mueller & Co.....	Laboratory apparatus.....	1 60
O 5088	..do..	The Illinois Central R. R.....	Freight.....	46 09
O 5089	..do..	B. E. Powell.....	Traveling expenses.....	6 19
O 5090	..do..	The Illinois Central R. R.....	Freight.....	28 27
O 5091	..do..	Wade & Crang.....	Timothy hay.....	181 52
O 5092	..do..	Ideal Electric Co.....	Electrical supplies.....	1 60
O 5093	..do..	Assn. American Agricultural Colleges & Experiment Stations.....	Dues.....	35 00
O 5094	..do..	H. A. Hollister.....	Traveling expenses.....	31 76
O 5095	..do..	Chicago Live Stock World.....	Issues daily.....	75
O 5096	..do..	American Shropshire Registration Assn.....	Certificates of transfer.....	1 00
O 5097	..do..	Metzler & Schafer Co.....	Seal jars.....	2 30
O 5098	..do..	D. T. Dobbins.....	Grinding corn.....	3 58
O 5099	..do..	The Tablet & Ticket Co.....	Office supplies.....	2 50
O 5100	..do..	Barnhart Bros.....	Glass.....	1 35
O 5101	..do..	Herrick & Stotley.....	Gasoline.....	3 00
O 5102	..do..	John Reichard.....	Corn, shelled.....	34 60
O 5103	..do..	The Sherwin-Williams Co.....	Paint supplies.....	5 99
O 5104	..do..	Mansfield & Wilson.....	Shoeing.....	20 25
O 5105	..do..	Jones & Laughlin Steel Co.....	Laboratory supplies.....	1 11
O 5106	..do..	A. E. Wuestman.....	Laboratory apparatus.....	14 00
O 5107	..do..	Leavitt Mfg. Co.....	Apparatus repairs.....	17 63
O 5108	..do..	Scott Paper Co.....	Drinking cups.....	20 00
O 5109	..do..	Federal Sign System.....	Furniture and fixtures.....	5 83
O 5110	..do..	Wm. Beutenmuller.....	Laboratory supplies.....	50 00
O 5111	..do..	General Chemical Co.....	..do..	32 00
O 5112	..do..	W. J. Boehm.....	..do..	2 25
O 5113	..do..	Baker & Co.....	..do..	60 87
O 5114	..do..	The Linde Air Products Co.....	..do..	3 50
O 5115	..do..	Thermal Syndicate.....	..do..	13 80
O 5116	..do..	W. D. Nevel.....	..do..	30 00
O 5117	..do..	National Engraving Co.....	Cuts.....	34 80
O 5118	..do..	Jesse Jones Paper Box Co.....	Office supplies.....	12 00
O 5119	..do..	Stock Yards Harness & Saddlery Co.....	General supplies.....	25 90
O 5120	..do..	Keuffel & Esser Co.....	Pencils.....	8 23
O 5121	..do..	The Weis Mfg. Co.....	Office supplies.....	27 52
O 5122	..do..	Underwood Typewriter Co.....	Stencil paper.....	24 00
O 5123	..do..	Hollis & Duncan.....	Office supplies.....	2 70
O 5124	..do..	Geo. Murphy.....	Laboratory apparatus.....	15 05
O 5125	..do..	General Electric Co.....	..do..	7 02
O 5126	..do..	The New Era Printing Co.....	Printing.....	10 65
O 5127	..do..	Keystone Type Foundry.....	Office equipment.....	3 49
O 5128	..do..	Bennets Magazine Agency.....	Subscription.....	1 20
O 5129	..do..	Ind. Blue Print & Supply Co.....	General supplies.....	3 50
O 5130	..do..	Sweet-Wallach Co.....	..do..	17 90
O 5131	..do..	Defender Photo Supply Co.....	..do..	24 27
O 5132	..do..	F. M. Foltz.....	Farm machinery repairs.....	4 00
O 5133	..do..	G. Cramer Dry Plate Co.....	General supplies.....	3 97
O 5134	..do..	Merck & Co.....	Laboratory supplies.....	1 50
O 5135	..do..	Jno. B. Bennett.....	..do..	5 60
O 5136	..do..	Royal A. Stipes.....	Cement.....	1 00
O 5137	..do..	Hanchett Paper Co.....	General supplies.....	28 10
O 5138	..do..	Shenandoah Nurseries.....	Nursery stock.....	15 30
O 5139	Jan. 21	The Grasselli Chemical Co.....	Laboratory supplies.....	5 17
O 5140	..do..	B. A. Ralton Co.....	Cafe supplies.....	41 00
O 5141	..do..	People's Cooperative Co.....	..do..	80 50
O 5142	..do..	Eimer & Amend.....	Laboratory supplies.....	18 75
O 5143	..do..	W. F. Handschin.....	Traveling expenses.....	10 45
O 5144	..do..	J. R. Wells.....	..do..	7 11
O 5145	..do..	W. J. Carmichael.....	..do..	6 62
O 5146	..do..	V. A. Place.....	..do..	13 61
O 5147	..do..	J. B. Andrews.....	..do..	19 37
O 5148	..do..	J. L. Edmonds.....	..do..	13 61
O 5149	..do..	H. E. Babbitt.....	..do..	3 88
O 5150	..do..	D. M. White.....	Labor.....	9 30
O 5151	..do..	A. A. Hinkley.....	..do..	9 78
O 5152	..do..	O. M. Allyn.....	Traveling expenses.....	11 61
O 5153	..do..	Irving-Pitt Mfg. Co.....	Office supplies.....	1 77
O 5154	..do..	G. Cramer Dry Plate Co.....	General supplies.....	36 69
O 5155	..do..	J. Horace McFarland Co.....	Furniture and fixtures.....	383 21

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 5156	Jan. 21	R. A. Stipes	Sand and cement	\$ 36 50
O 5157	.do.	Lumiere-Jougla Co.	Autochrom plate	24 00
O 5158	.do.	Dallenbach Bros.	Laboratory supplies	28 00
O 5159	.do.	Strauch Kodak Finishing Shop	General supplies	23 81
O 5160	.do.	Franz A. Aust.	Traveling expenses	32 06
O 5161	.do.	The Wabash R. R.	Freight	23 81
O 5162	.do.	The C. C. C. & St. L. R. R.	.do.	40 13
O 5163	.do.	Pay roll	January, 1914	6,042 06
		Schultze, S. George	Salary, January, 1914.	\$ 35 00
		Burmeister, W. H.	.do.	166 66
		Dreyer, G. P.	.do.	333 32
		Eycleshymer, A. C.	.do.	416 66
		Fantus, Bernard	.do.	166 66
		Gardner, Stella	.do.	83 33
		Gehrman, Adolph	.do.	66 66
		Hakenson, Eric Gosta	.do.	30 00
		Haskell, J. E.	.do.	50 00
		Jones, T. S.	.do.	108 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
		Small, J. C. (Student)	.do.	50 00
		Welker, W. H.	.do.	208 33
		Bartlett, Dr. Frank Kaiser	.do.	180 00
		Siegbahn, Nils	.do.	60 00
		Gaffney, Carl O.	.do.	65 00
		Davis, D. J.	.do.	416 66
		Falls, Frederick H.	.do.	50 00
		Bake, L. E.	.do.	66 66
		Bernard, F. S.	.do.	40 00
		Coolidge, E. D.	.do.	83 33
		Dittmar, Walter	.do.	99 99
		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, Dr. V. H.	.do.	50 00
		Noyes, F. B.	.do.	83 33
		Schultz, Louis	.do.	33 33
		Starr, S. P.	.do.	66 66
		Lindgren, J. M.	.do.	25 50
		Luther, Cornelia M.	.do.	60 00
		Pillsbury, W. H.	.do.	100 00
		Badel, Nathan	.do.	50 00
		Tomek, Gertrude	.do.	60 00
		Anderson, Frank H.	.do.	80 00
		Burns, James Joseph	.do.	50 00
		David, Simon	.do.	50 00
		George, Elia	.do.	50 00
		Kastanos, John	.do.	50 00
		Kolan, John	.do.	70 00
		Schultz, Harry	.do.	35 00
		Watson, Ethel Eva	.do.	50 00
		Arneson, Mabel	.do.	75 00
		Browne, W. H.	.do.	250 00
		Cole, H. W.	.do.	100 00
		Coles, B. D.	.do.	50 00
		Froberg, Erie	.do.	75 00
		Hwasser, Anna Julia	.do.	50 00
		Southwell, James	.do.	115 00
		Tomlinson, J. B.	.do.	125 00
		Allen, Josephine	.do.	55 00
		Bolan, Anna R.	.do.	60 00
		David, Eshoo	.do.	50 00
		Loomis, Metta	.do.	75 00
		Gubbins, Maud	.do.	60 00
		David, Paul	.do.	50 00
		Randall, Frank Monroe	.do.	30 00
		Heelan, Louise B.	.do.	50 00
		Klena, Joseph	.do.	70 00
		Hiskey, George M.	.do.	45 00
O 5164	.do.	Ernst Leitz	Laboratory apparatus	97 41
O 5165	.do.	V. Mueller & Co.	Laboratory supplies	4 85
O 5166	.do.	E. H. Sargent & Co.	Glass beads	1 05
O 5167	.do.	A. Daigger & Co.	Laboratory supplies	412 60
O 5168	.do.	J. M. Smith	Tools	3 70
O 5169	.do.	A. C. McClurg & Co.	Office supplies	16 56

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 5170	Jan. 21	Antiseptol Liquid Soap Co.	Soap.	\$ 27 60
O 5171	..do.	Stebbins Hardware Co.	Locks and knobs.	3 30
O 5172	..do.	E. M. Clark.	Traveling expenses.	7 00
O 5173	..do.	Frank Turner.	Traveling expenses and expert services.	13 26
O 5174	..do.	E. W. Walker & Sons.	Horses.	950 00
O 5175	..do.	D. H. Lloyd.	Office supplies.	40 25
O 5176	..do.	Maas Brothers.	Laboratory apparatus.	13 60
O 5177	..do.	Morrison-Plummer Co.	Laboratory supplies.	149 69
O 5178	..do.	Chester Horseshoeing Shop.	Shoeing.	5 50
O 5179	..do.	Knowlton & Bennett.	General supplies.	80
O 5180	..do.	Taylor Hardware Co.	Laboratory supplies and apparatus.	9 03
O 5181	..do.	Flanigan-Pearson Co.	Printing.	27 33
O 5182	..do.	Illinois State Reformatory.	..do.	11 75
O 5183	..do.	H. Swannell & Son.	Laboratory supplies.	2 80
O 5184	..do.	Miller Harness Co.	Laboratory apparatus.	1 50
O 5185	..do.	Scientific Materials Co.	Knives.	95
O 5186	..do.	D. H. Lloyd.	Record book.	25
O 5187	..do.	The Eisner Grocery Co.	Salt.	1 30
O 5188	..do.	Bacon Brothers.	Glass.	95
O 5189	..do.	Champaign Seed Co.	Bone meal.	12 50
O 5190	..do.	Twin City Printing Co.	Stamp.	30
O 5191	..do.	Standard Oil Co.	Oil.	3 20
O 5192	..do.	Cunningham Bros.	General supplies.	9 35
O 5193	..do.	Stipes & Hecker.	Cement and sand.	17 55
O 5194	..do.	John H. Doyle.	General supplies.	15 35
O 5195	..do.	S. E. Dillavou.	..do.	8 50
O 5196	..do.	Campbell & Spalding.	Shoeing.	4 00
O 5197	..do.	John W. Spalding.	..do.	21 00
O 5198	..do.	L. T. Brownfield.	Shoeing and repairs.	10 65
O 5199	..do.	Ideal Electric Co.	General supplies.	33 30
O 5200	..do.	Ernst Hertzberg & Sons.	Books and magazines.	137 46
O 5201	..do.	The Chester Transfer Co.	Carriage service.	1 25
O 5202	..do.	The Charles A. Hall Hardware Co.	Laboratory supplies.	8 94
O 5203	..do.	E. H. Sargent & Co.	..do.	24 56
O 5204	..do.	International Instrument Co.	Laboratory apparatus.	265 60
O 5205	..do.	J. W. Butler Paper Co.	Paper.	46 50
O 5206	..do.	U. of I. Supply Store.	Office equipment.	61 88
O 5207	..do.	The Burr Co.	Laboratory supplies.	34 39
O 5208	Jan. 22	Wm. Schlotzhauer.	Field expenses and labor.	37 00
O 5209	..do.	O. S. Fisher.	Traveling expenses.	28 76
O 5210	..do.	O. E. Staples, Bursar.	Sundry bills.	29 25
O 5211	..do.	O. E. Staples, Bursar.	General labor.	478 99
O 5212	..do.	O. E. Staples, Bursar.	Student labor.	334 86
O 5213	..do.	O. E. Staples, Bursar.	Express bills.	23 37
O 5214	..do.	Marshal Field & Co., Retail.	Brush materials.	55 80
O 5215	..do.	Geo. B. Carpenter & Co.	Lace leather.	6 78
O 5216	..do.	Standard Oil Co.	Oil.	9 80
O 5217	..do.	The Taylor Hardware Co.	Laboratory apparatus and supplies.	6 10
O 5218	..do.	J. W. Butler Paper Co.	Envelopes.	9 86
O 5219	..do.	F. K. Robeson.	Laboratory apparatus.	2 00
O 5220	..do.	Eimer & Amend.	..do.	25 00
O 5221	..do.	The Tablet & Ticket Co.	Office supplies.	31 00
O 5222	..do.	G. C. Willis.	Muslin.	1 57
O 5223	..do.	F. M. Foltz.	Farm machinery repairs.	2 45
O 5224	..do.	G. W. Sheldon & Co.	Freight and express.	11 96
O 5225	..do.	App & Miller.	Elevator inspections.	40 00
O 5226	..do.	H. E. Tufts.	Clerical assistance and supplies.	5 64
O 5227	..do.	Scientific Materials Co.	Laboratory apparatus.	271 00
O 5228	..do.	E. H. Swigert.	Tuning pianos.	28 50
O 5229	..do.	P. L. Windsor.	Furniture and fixtures.	1 15
O 5230	..do.	G. E. Amsbary Co.	General supplies.	3 15
O 5231	..do.	Montgomery Ward & Co.	Apparatus and laboratory supplies.	24 06
O 5232	..do.	B. F. Stevenson & Son.	Laboratory supplies.	1 65
O 5233	..do.	F. P. Smith W. & I. Works.	Steel materials.	144 00
O 5234	..do.	The J. B. Ford Co.	Dairymans cleaner.	25 00
O 5235	..do.	The Chester Transfer Co.	Drayage.	33 43
O 5236	..do.	F. P. Hampton.	Sheep.	35 00
O 5237	..do.	American Tamworth Swine Recording Assn.	Certificates.	3 00
O 5238	..do.	D. T. Dobbins.	Grinding corn.	3 69
O 5239	..do.	Ed Gordin.	Mules.	240 00
O 5240	..do.	Henry Troemner.	Laboratory apparatus.	25 60
O 5241	..do.	Crosby Steam Gage & Valve Co.	Laboratory supplies.	2 35
O 5242	..do.	The Daily Illini.	Subscription.	30
O 5243	..do.	The A. H. Andrews Co.	Furniture repairs.	37 25

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount
1914.				
O 5244	Jan. 22	The Babcock & Wilcox Co.	Machine repairs	\$ 15 84
O 5245	do	Chicago Watchmans Clock Works	Clock dials	14 70
O 5246	do	Chicago Engineer Supply Co.	Belt lace	2 46
O 5247	do	Guillott Metal Gasket Co.	Gaskets	9 80
O 5248	do	Brown & Sharpe Mfg. Co.	Laboratory apparatus	4 15
O 5249	do	B. S. Pickett	Traveling expenses	3 84
O 5250	do	Geo. Postel	Rent	116 00
O 5251	do	C. C. Logan	Traveling expenses	21 45
O 5252	do	Estate of Hiram Silbey	Field expenses	83 68
O 5253	do	William Ganschow Co.	Apparatus repairs	27 00
O 5254	do	Barnhart Bros.	General supplies	7 35
O 5255	do	Bacon Brothers	Painting	2 40
O 5256	do	Flanigan-Pearson Co.	Printing calendar	207 50
O 5257	do	Chas. A. Hall Hardware Co.	Laboratory supplies	9 86
O 5258	do	The Burr Co.	Building materials	1 85
O 5259	do	D. H. Lloyd	Laboratory and general office supplies	183 55
O 5260	do	John H. Doyle	Laboratory and general supplies	19 79
O 5261	do	The Western Electric Co.	Electrical supplies	106 39
O 5262	do	Eisner Grocery Co.	Cafe supplies	54 71
O 5263	do	R. C. Wagner & Son	General labor	42 50
O 5264	do	Alexander Lumber Co.	Coal, lumber, etc.	20 45
O 5265	Jan. 23	Knowlton & Bennett	Laboratory supplies	3 50
O 5266	do	Bacon Brothers	Painting	8 05
O 5267	do	The Burr Co.	Laboratory supplies	93 71
O 5268	do	Percival & Moorehead	Farm machinery	16 88
O 5269	do	The Taylor Hardware Co.	General supplies	6 15
O 5270	do	D. H. Lloyd	do	13 46
O 5271	do	P. D. Foster	do	5 00
O 5272	do	William Buch	Labor	1 50
O 5273	do	Edward C. Schmidt	Traveling expenses	9 80
O 5274	do	Charles Thorpe	Lecture and demonstration	30 00
O 5275	do	H. J. Snider	Traveling expenses	19 14
O 5276	do	International Harvester Co.	Lecture	25 00
O 5277	do	Gustaf Larson	Library	1 35
O 5278	do	American Electric Co.	Telephone apparatus	9 00
O 5279	do	The Tuttle, Morehouse & Taylor Co.	Printing	8 75
O 5280	do	Baker & Co.	Laboratory supplies	14 92
O 5281	do	J. Horace McFarland Co.	Laboratory apparatus	40 40
O 5282	do	R. Riley Hank Supply Co.	do	17 35
O 5283	do	Weil Brothers	Sheet lead	24 56
O 5284	do	Barnhart Brothers	Building charges	1 80
O 5285	do	The Western Roofing & Supply Co.	Plumbing	26 71
O 5286	do	Wadsworth-Howland Co.	Metal polish	8 82
O 5287	do	G. & W. Electric Specialty Co.	General supplies	72 10
O 5288	do	J. W. Dunlap	do	19 20
O 5289	do	Crane Co.	Machine repairs	14 45
O 5290	do	Dr. R. W. Braithwaite	Antiseptic powder	2 70
O 5291	do	Lewis Electric Supply Co.	Electrical supplies	55
O 5292	do	American Hard Rubber Co.	Laboratory supplies	24 29
O 5293	do	Colorado School of Mines Magazine	Lecture notes	1 25
O 5294	do	Jas. D. Biddle	Laboratory apparatus	66 96
O 5295	do	G. C. Willis	Laboratory supplies	6 27
O 5296	do	National Carbon Co.	Batteries	13 23
O 5297	do	P. P. Caproni & Bros.	Statuettes and studies	33 48
O 5298	do	Geo. B. Carpenter & Co.	Laboratory supplies	11 44
O 5299	do	Western Electric Co.	Office equipment, repairs	3 12
O 5300	do	Scott Paper Co.	Paper towels	41 16
O 5301	do	Manhattan Electric Supply Co.	Electric supplies	44 03
O 5302	do	Pay roll	January, 1914	5,467 49
		Atkinson, O. G.	Wages, January, 1914	\$ 47 50
		Coffey, J. H.	do	50 00
		Brayles, W. H.	do	47 50
		Brown, C. F.	do	50 00
		Brown, E. J.	do	45 00
		Dale, Fred.	do	50 00
		Engle, Lawrence	do	25 00
		Grabbee, Florence H.	do	50 00
		Hamm, Charles	do	47 50
		Ham, Raymond	do	47 00
		Hamlin, Clyde	do	60 00
		Hamlin, Hiram	do	50 00
		Harding, Clayton F.	do	100 00
		Heath, William	do	50 00
		Herbert, J. J.	do	85 00
		Jensen, George	do	47 50
		Love, Clifford B.	do	23 00
		Lowery, Kathryn	do	50 00
		McQueen, H. D.	do	50 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 5302 Cld.	1914. Jan. 23	Marshall, Samuel A.....	Wages, January, 1914...	\$ 45 00
		Mink, George.....	do.....	47 50
		Mink, J. D.....	do.....	50 00
		Miller, W. W.....	do.....	75 00
		Nesbit, Lawrence.....	do.....	50 00
		Pergande, Charles G.....	do.....	45 00
		Peterson, A. C.....	do.....	47 50
		Proesel, William.....	do.....	50 00
		Sanders, Frank.....	do.....	50 00
		Shaffer, Guy.....	do.....	50 00
		Shipman, Cash.....	do.....	47 50
		Stives, M. F.....	do.....	50 00
		Argo, Roy.....	do.....	55 00
		Barto, Lucy M.....	do.....	20 00
		Chaplin, Ralph.....	do.....	60 00
		Conley, M. J.....	do.....	75 00
		Cook, Jesse.....	do.....	55 00
		Crawford, T. P.....	do.....	50 00
		Foor, H.....	do.....	22 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
		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
		Swearingen, Daisy O.....	do.....	50 00
		Wilson, R. W.....	do.....	65 00
		Anderson, J. C.....	do.....	70 00
		Baldwin, L. S.....	do.....	13 00
		Diekmon, T. W.....	do.....	65 00
		Engle, Ralph.....	do.....	30 00
		Glover, R. C.....	do.....	50 00
		Johns, W. E.....	do.....	37 50
		Stoutzenberg, Florence.....	do.....	25 00
		Andrews, J. B.....	do.....	50 00
		Ausen, Julius.....	do.....	55 00
		Badger, C. J.....	do.....	40 00
		Beardsley, G. W.....	do.....	60 00
		Bennett, W. L.....	do.....	70 00
		Behling, Edwin.....	do.....	55 00
		Burdick, I. F.....	do.....	75 00
		Carlson, M. R.....	do.....	60 00
		Cate, H. A.....	do.....	70 00
		Campbell, C. A.....	do.....	65 00
		Chapman, C. C.....	do.....	100 00
		Crouch, H. E.....	do.....	115 00
		DeWerrf, H. A.....	do.....	32 50
		Dunlap, B. H.....	do.....	60 00
		Engle, W. J.....	do.....	70 00
		Garver, Earl.....	do.....	65 00
		Grantham, G. M.....	do.....	30 00
		Harry, W. L.....	do.....	100 00
		Hunter, L. A.....	do.....	75 00
		Jensen, C. C.....	do.....	55 00
		Jones, Garfield.....	do.....	65 00
		Lankford, John.....	do.....	60 00
		Lawson, H. C.....	do.....	55 00
		Olmette, N. H.....	do.....	55 00
		Palfrey, J. R.....	do.....	75 00
		Palsey, I.....	do.....	55 00
		Pine, Fred.....	do.....	75 00
		Reed, Alice.....	do.....	55 00
		Rusher, F. E.....	do.....	60 00
		Sims, Flora M.....	do.....	83 33
		Smith, J. F.....	do.....	70 00
		Stark, R. W.....	do.....	75 00
		Torgerson, E. F.....	do.....	30 00
		Tornquest, Andrew.....	do.....	75 00
		Walters, Phillip.....	do.....	75 00
O 5303	Jan. 26	D. S. Zehr.....	Field expenses.....	\$ 8 00
O 5304	..do.....	Wm. Fliege.....	Field expenses and labor.....	12 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 5305	Jan. 26	D. O. Barto.....	Traveling expenses.....	\$ 15 75
O 5306	do.	The Taylor Hardware Co.....	Farm machinery.....	5 50
O 5307	do.	John H. Doyle.....	General supplies.....	1 50
O 5308	do.	The Burr Co.....	do.....	133 88
O 5309	do.	The Miller Harness Co.....	Machine repairs, harness.....	27 10
O 5310	do.	D. H. Lloyd.....	Office equipment and supplies.....	22 55
O 5311	do.	Percival & Moorehead.....	General supplies.....	4 15
O 5312	do.	Knowlton & Bennett.....	do.....	1 65
O 5313	do.	C. C. Short.....	Shoeing.....	6 00
O 5314	do.	Alexander Lumber Co.....	Lime.....	2 30
O 5315	do.	Bacon Brothers.....	Wash heads.....	1 40
O 5316	do.	A. S. Nelson & Sons.....	Laboratory supplies.....	6 90
O 5317	do.	The Tablet & Ticket Co.....	Office supplies.....	15 63
O 5318	do.	Standard Cap & Seal Co.....	General supplies.....	76 25
O 5319	do.	Chester Horseshoeing Shop.....	Shoeing.....	14 00
O 5320	do.	F. K. Robeson.....	Cloth.....	4 38
O 5321	do.	Chas. E. Prentice.....	Laboratory apparatus.....	13 00
O 5322	do.	Meyer & Wenthe.....	Office supplies.....	6 10
O 5323	do.	R. F. Hilderbrand.....	Photos & slides.....	28 30
O 5324	do.	General Electric Co.....	Electrical materials.....	403 66
O 5325	do.	Western Electric Co.....	Office equipment repairs.....	12 50
O 5326	do.	Hartford Steam Boiler Insurance Co.....	Boiler insurance.....	393 50
O 5327	do.	J. D. White, Clerk.....	Stamps.....	325 00
O 5328	do.	E. P. Reichhelm & Co.....	Laboratory supplies.....	9 30
O 5329	do.	W. N. Sunderland.....	Rent.....	62 50
O 5330	do.	Estate of Hiram Sibley.....	do.....	42 00
O 5331	do.	A. A. Hinkley.....	do.....	20 00
O 5332	do.	D. M. White.....	do.....	8 50
O 5333	do.	American Law Book Co.....	Books.....	7 50
O 5334	do.	Scientific Materials Co.....	Laboratory supplies.....	356 55
O 5335	do.	Jacob Reed's Sons.....	Laboratory apparatus.....	99 70
O 5336	do.	F. M. Leslie.....	Picture frame.....	5 25
O 5337	do.	Ida M. Colcord.....	Books.....	1 00
O 5338	do.	D. T. Dobbins.....	Grinding corn.....	3 58
O 5339	do.	Spaulding & Quirk.....	Laboratory supplies.....	1 65
O 5340	do.	John Lynch.....	Coal oil.....	65
O 5341	do.	Niemann Bros. Mfg. Co.....	Fencing.....	34 17
O 5342	do.	Harris, Dillavou & Co.....	Charcoal.....	4 00
O 5343	do.	Crane Co.....	Laboratory supplies.....	6 64
O 5344	do.	Albert E. Wuesteman.....	Repairing watch.....	3 00
O 5345	do.	Louis F. Nafis.....	Laboratory supplies and appar- atus.....	48 50
O 5346	do.	P. S. Campbell.....	Printing.....	15 25
O 5347	do.	Sturges & Burn Mfg. Co.....	Apparatus.....	21 60
O 5348	do.	Williams Brothers.....	General supplies.....	2 25
O 5349	do.	A. M. & L. A. Terwilliger.....	Laboratory apparatus.....	3 60
O 5350	do.	W. Lewis & Co.....	General supplies.....	2 25
O 5351	do.	Chester Dairy Supply Co.....	Cooler corks.....	2 76
O 5352	do.	F. J. Colvin.....	Ground beef.....	2 40
O 5353	do.	The National Cash Register Co.....	Detail paper.....	1 00
O 5354	do.	Bausch & Lomb Optical Co.....	Laboratory apparatus.....	100 00
O 5355	do.	Milwaukee Bag Co.....	Canvas bags.....	145 00
O 5356	do.	The Stous & Harrison Co.....	Nursery stock.....	9 00
O 5357	do.	John DeBuck.....	do.....	30 00
O 5358	do.	F. Dörner & Sons Co.....	Plants.....	68 50
O 5359	do.	Eisner Grocery Co.....	General supplies.....	7 67
O 5360	do.	J. L. Schiller.....	Nursery stock.....	2 50
O 5361	do.	The Kentucky Tobacco Produce Co.....	Laboratory supplies.....	37 87
O 5362	do.	Fairview Park Cemetery Assn.....	Rent, experimental work.....	290 00
O 5363	do.	The C. C., C. & St. L. Ry. Co.....	Car demurrage.....	4 00
O 5364	do.	The Wabash R. R.....	Freight.....	67 90
O 5365	do.	The C. C., C. & St. L. R. R. Co.....	do.....	34 64
O 5366	do.	Illinois Central R. R. Co.....	do.....	25 47
O 5367	do.	E. H. Sargent & Co.....	Laboratory apparatus and sup- plies.....	153 86
O 5368	do.	John H. Doyle.....	Laboratory apparatus.....	13 20
O 5369	do.	The Western Electric Co.....	Electrical materials.....	57 76
O 5370	do.	Woldenberg & Schaar.....	Laboratory supplies.....	27 96
O 5371	do.	R. W. Braithwaite.....	Expert services.....	144 00
O 5372	do.	C. A. Kiler.....	Office equipment.....	22 65
O 5373	do.	Knowlton & Bennett.....	Laboratory supplies.....	5 40
O 5374	do.	Flanigan-Pearson Co.....	Printing.....	8 00
O 5375	do.	Miss M. H. Day.....	Traveling expenses.....	4 50
O 5376	do.	The Letter Shop.....	Typewriting.....	30 00
O 5377	do.	Art Metal Construction Co.....	Standard for bookstack.....	14 75
O 5378	do.	Montgomery & Co.....	Laboratory apparatus.....	15 21
O 5379	do.	W. C. Bagley.....	Lecture.....	80 00
O 5380	do.	Dean Bros. Steam Pump Works.....	Pump plungers.....	80 00
O 5381	do.	Smith-Totman Co.....	Plumbing.....	6 60



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914.				
O 5382	Jan. 26	Southern Illinois Penitentiary	Supplies.	\$ 12 00
O 5383	..do.	Engineer's Soc. of West Penn	Library	5 00
O 5384	..do.	Elmer & Amend	Laboratory apparatus and supplies.	111 23
O 5385	..do.	Geraghty & Co.	General supplies.	3 00
O 5386	..do.	Champaign Bottling Works	Laboratory supplies.	2 00
O 5387	..do.	International Acheson Graphite Co.	..do.	4 39
O 5388	..do.	A. S. Nelson & Sons.	..do.	1 00
O 5389	..do.	Norton Co.	..do.	3 09
O 5390	..do.	C. J. Welch	Electric concrete work.	65 90
O 5391	..do.	Anso Co.	General supplies.	7 60
O 5392	..do.	Geo. Banta Publishing Co.	Printing.	36 24
O 5393	..do.	McGraw-Hill Book Co.	Books.	10 42
O 5394	..do.	H. A. Hollister	Traveling expenses.	17 27
O 5395	..do.	C. H. Mills	..do.	3 00
O 5396	..do.	Herbert W. Mumford	..do.	8 89
O 5397	Jan. 28	Ernst Hertzberg & Sons	Binding.	281 67
O 5398	..do.	The Central Union Telephone Co.	Service.	170 53
O 5399	..do.	Bennett's Magazine Agency	Magazines.	6 00
O 5400	..do.	Percival & Moorehead	Furniture and fixtures.	4 40
O 5401	..do.	D. O. Barto	Traveling expenses.	26 05
O 5402	..do.	Herbert W. Mumford	..do.	11 56
O 5403	..do.	John H. Doyle	Building materials.	19 50
O 5404	..do.	Soc Scandinavian Study.	Publications.	2 00
O 5405	..do.	International Magazine Co.	Magazines.	1 30
O 5406	..do.	New York Botanical Gardens	Publication.	1 50
O 5407	..do.	New York State Library	Books.	1 00
O 5408	..do.	United States Post Office.	Postage.	5 09
O 5409	..do.	Simplified Spelling Bulletin.	Bulletins.	1 20
O 5410	..do.	G. W. Sheldon & Co.	Freight and express.	7 01
O 5411	..do.	Ice Cream Trade Journal.	Books.	25 00
O 5412	..do.	Superintendent of Documents	..do.	2 00
O 5413	..do.	The Card Annex.	Subscription.	5 00
O 5414	..do.	G. B. Brett	Books.	10 50
O 5415	..do.	W. W. Walls & Co.	Farm machinery.	9 59
O 5416	..do.	C. A. Kiler	Furniture and fixtures.	18 00
O 5417	..do.	D. H. Lloyd	Office supplies.	9 65
O 5418	..do.	Eisner Grocery Co.	General supplies.	16 63
O 5419	..do.	Percival & Moorehead	..do.	5 37
O 5420	..do.	P. S. Campbell	Printing.	22 75
O 5421	..do.	Barnhart Bros.	General supplies.	1 40
O 5422	..do.	The Burr Co.	Laboratory supplies.	7 84
O 5423	..do.	Taylor Hardware Co.	Laboratory apparatus.	27 35
O 5424	..do.	S. E. Huff & Co.	Building materials.	126 35
O 5425	..do.	John H. Doyle	General supplies.	13 23
O 5426	..do.	Illinois State Reformatory	Printing.	190 65
O 5427	..do.	Knowlton & Bennett.	General supplies.	4 35
O 5428	..do.	R. C. Wagner & Son.	..do.	21 00
O 5429	..do.	E. H. Sargent & Co.	Laboratory supplies.	2 30
O 5430	..do.	Leavitt Mfg. Co.	Building materials.	19 33
O 5431	..do.	J. B. Bennett	Drains.	5 55
O 5432	..do.	Stipes & Hecker.	General supplies.	86 60
O 5433	..do.	Reliable Plumbing & Heating Co.	Plumbing.	3 96
O 5434	..do.	Chas. A. Hall Hardware Co.	Laboratory apparatus and supplies.	9 16
O 5435	..do.	W. Lewis & Co.	Laboratory supplies.	1 13
O 5436	..do.	G. C. Willis	..do.	1 82
O 5437	..do.	S. E. Huff.	Building changes.	100 35
O 5438	..do.	Champaign Daily Gazette.	Advertising.	1 15
O 5439	..do.	Pay roll.	January, 1914.	438 04
		Conrad, Emma	Wages, January, 1914	\$26 00
		Curry, Florence J.	..do.	30 00
		Hensel, Etta.	..do.	18 37
		Mirsa, Harry.	..do.	31 67
		Redman, Louise E.	..do.	44 40
		Ricketts, Hazel W.	..do.	63 00
		Shue, Mrs. Lizzie B.	..do.	29 60
		Clarke, Ethel.	..do.	35 00
		Meenach, O. E.	..do.	10 00
		Morgan, J. E.	..do.	15 00
		Bunch, Mamie.	..do.	45 00
		Geist, H. F.	..do.	90 00
O 5440	Jan. 29	Western Union Telegraph Co.	Telegrams.	6 17
O 5441	..do.	Western Union Telegraph Co.	..do.	4 36
O 5442	..do.	Postal Telegraph Cable Co.	..do.	5 45
O 5443	..do.	The Burr Co.	General materials.	55 00
O 5444	..do.	Geo. E. Wright.	Traveling expenses.	14 24
O 5445	..do.	G. E. Stechert Co.	Books.	55
O 5446	..do.	Flanigan-Pearson Co.	Printing.	15 50

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914.				
O 5447	Jan. 29	Bacon Brothers	General supplies	\$ 1 85
O 5448	do	Automatic Electric Co.	Telephone supplies	30 66
O 5449	do	American LaFrance Fire Engine Co.	Fire protection.	25 16
O 5450	do	Crane Co.	Tools	86 00
O 5451	do	Ward's Natural Science Establishment.	Laboratory supplies	3 22
O 5452	do	C. H. Stoelting Co.	do	2 90
O 5453	do	The Western Electric Co.	Electrical supplies	9 83
O 5454	do	James Mfg. Co.	Brick	59 00
O 5455	do	Miller Harness Co.	Manger curtains	6 00
O 5456	do	J. C. Thomas	Laboratory apparatus	4 00
O 5457	do	Waite Grass Carpet Co.	Furniture and fixtures	6 25
O 5458	do	F. M. Leslie	do	23 25
O 5459	do	Woldenberg & Schaar	Laboratory apparatus	4 25
O 5460	do	Jos. Kuhn & Co.	Laboratory supplies	2 05
O 5461	do	The Frederick Post Co.	General supplies	19 33
O 5462	do	Sweet-Wallach & Co.	Laboratory apparatus	13 05
O 5463	do	Wilson-Macaulen Co.	Laboratory supplies	40 14
O 5464	do	St. Louis Biological Laboratory	do	4 00
O 5465	do	Rand, McNally & Co.	Maps	17 60
O 5466	do	Chas. F. Witt Estate	Farm machinery	12 30
O 5467	do	The Silver Mfg. Co.	Farm machinery repairs	42 20
O 5468	do	The Carson-Payson Co.	Plumbing	2 00
O 5469	do	Shavings & Sawdust Co.	Shavings	83 40
O 5470	do	Spaulding & Quirk	Laboratory supplies	1 00
O 5471	do	Pattengale Bros.	Calf meal	2 00
O 5472	do	Illinois Electric Co.	Electrical materials	32 40
O 5473	do	D. W. Augspurger & Sons Co.	Nursery stock	3 00
O 5474	do	Henry A. Dreer, Inc.	General supplies	13 10
O 5475	do	Jos. Fleshner	Twine	1 10
O 5476	do	The Taylor Hardware Co.	Nails	2 35
O 5477	do	R. C. Wagner & Son.	Labor	53 65
O 5478	do	The Alexander Lumber Co.	Lime, sand and cement	4 37
O 5479	do	The Taylor Hardware Co.	Fencing and general supplies	38 07
O 5480	do	Twin City Printing Co.	Office supplies	2 85
O 5481	do	Western Electric Co.	Electrical materials	236 89
O 5482	do	Meyer & Wenthe	Office supplies	1 04
O 5483	do	Walker & Mulliken	Furniture and fixtures	46 00
O 5484	do	S. E. Huff & Co.	Farm machinery	19 75
O 5485	do	S. A. Sandweger	Coal	18 86
O 5486	do	U. of I. Supply Store	Office equipment and supplies	18 90
O 5487	do	Louis Melind Co.	Office supplies	1 75
O 5488	do	A. E. Wuestman	Furniture and fixtures	4 50
O 5489	do	Louden Machinery Co.	Machinery repairs	11 05
O 5490	do	C. A. Kiler	Burlap	1 20
O 5491	do	Pantagraph Printing & Stationery Co.	Printing	26 50
O 5492	do	Bennett's Magazine Agency	Magazines	16 95
O 5493	do	C. A. Denman	Painting and labor	62 88
O 5494	do	Illinois State Penitentiary	Stools	15 00
O 5495	do	Scott Paper Co.	Paper towels	4 00
O 5496	do	McCoy & Garten	Clover hay	152 40
O 5497	do	Ohio Agricultural Experiment Station	Hogs	135 00
O 5498	do	American Rambouillet Sheep Breeders' Assn.	Certificates	9 00
O 5499	do	Chicago Daily Drovers' Journal	Issues	5 20
O 5500	do	Pantagraph Printing & Stationery Co.	Printing	692 05
O 5501	do	S. A. Courtis	Laboratory supplies	11 50
O 5502	do	Bausch & Lomb Optical Co.	Laboratory apparatus	238 14
O 5503	do	L. M. Ellison	do	29 75
O 5504	do	Standard Oil Co.	Fuel oil	50 63
O 5505	do	Ernst Hertzberg & Sons	Circulars	1 62
O 5506	do	Ward's Natural Science Establishment	Laboratory supplies	8 92
O 5507	do	Defender Photo Supply Co.	General supplies	21 63
O 5508	do	Elmer & Amend	Laboratory supplies	2 00
O 5509	do	Crane Co.	do	39 18
O 5510	do	Western Valve Co.	do	47 48
O 5511	do	Fuller & Fuller	Tin foil	1 00
O 5512	do	The Engineering Magazine	Library	12 00
O 5513	do	The Osgood Co.	Printing and publishing	77 09
O 5514	do	R. C. Wagner & Son.	Labor	252 40
O 5515	do	C. C. Logan	Traveling expenses	19 36
O 5516	do	Mrs. Jennie Barlow	Lecture and traveling expenses	35 50
O 5517	do	Miss Olive Percival	Lectures	65 00
O 5518	do	Mrs. C. M. Baker	Lecture and traveling expenses	30 00
O 5519	do	J. B. Marshall	Labor, field expenses	42 75
O 5520	do	Chas. H. Rehling	Traveling expenses	3 65
O 5521	do	Frank Turner	Traveling expenses and expert services	31 85

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 5522	Jan. 29	John H. Doyle.....	Laboratory supplies.....	\$ 1 00
O 5523	..do.	Galena-Signal Oil Co.....	Oil.....	40 95
O 5524	..do.	H. H. Stook.....	Traveling expenses.....	8 89
O 5525	..do.	M. L. Nebel.....	..do.....	2 10
O 5526	..do.	Eugene Dietzgen.....	Office equipment.....	30 00
O 5527	..do.	J. W. Butler Paper Co.....	Office supplies.....	21 82
O 5528	..do.	Hunter, Rourke & Co.....	General supplies.....	50 00
O 5529	..do.	Walker & Mulliken.....	Furniture repairs.....	10 38
O 5530	..do.	American Express Co.....	Freight and express.....	14 89
O 5531	..do.	The Tablet & Ticket Co.....	Office supplies.....	10 80
O 5532	..do.	"Data".....	Subscription.....	1 00
O 5533	..do.	Spon & Chamberlain.....	Books.....	1 50
O 5534	..do.	General Electric Co.....	Apparatus repairs.....	12 15
O 5535	..do.	Eastman Kodak Co.....	Films.....	16 00
O 5536	..do.	Naugatuck Mfg. Co.....	Laboratory supplies.....	4 47
O 5537	..do.	Geo. B. Carpenter & Co.....	..do.....	12 63
O 5538	..do.	F. A. Pearson.....	Traveling expenses.....	26 40
O 5539	..do.	F. M. Leslie.....	Furniture and fixtures.....	43 80
O 5540	..do.	Norton Co.....	Laboratory supplies.....	3 60
O 5541	..do.	Taylor Hardware Co.....	..do.....	1 20
O 5542	..do.	E. H. Sargent & Co.....	..do.....	152 85
O 5543	..do.	Illinois State Reformatory.....	Printing.....	137 95
O 5544	..do.	S. E. Huff & Co.....	General supplies.....	1 90
O 5545	Jan. 30	O. E. Staples, Bursar.....	Express bills.....	50 51
O 5546	..do.	O. E. Staples, Bursar.....	Express bills paid.....	61 74
O 5547	..do.	O. E. Staples, Bursar.....	General labor.....	253 13
O 5548	..do.	O. E. Staples, Bursar.....	Student labor.....	178 38
O 5549	..do.	The J. W. Butler Paper Co.....	Office supplies.....	184 33
O 5550	..do.	Western Electric Co.....	Telephone apparatus.....	72 67
O 5551	..do.	A. C. McClurg & Co.....	Crayons.....	4 98
O 5552	..do.	Indiana Rubber Co.....	Electric supplies.....	233 25
O 5553	..do.	The Garlock Packing Co.....	General supplies.....	15 91
O 5554	..do.	Underwood Typewriter Co.....	Office supplies.....	6 80
O 5555	..do.	Flanigan-Pearson Co.....	Printing.....	14 00
O 5556	..do.	Illinois State Reformatory.....	Envelopes.....	236 24
O 5557	..do.	E. H. Sargent & Co.....	Office supplies.....	2 15
O 5558	..do.	National Blank Book Co.....	..do.....	71 59
O 5559	..do.	W. W. Lindley.....	Postage.....	50 00
O 5560	..do.	Central Union Telephone Co.....	Service.....	21 90
O 5561	..do.	The Home Telephone Co.....	..do.....	90
O 5562	..do.	The Western Union Telegraph Co.....	..do.....	1 25
O 5563	..do.	Postal Telegraph-Cable Co.....	..do.....	2 89
O 5564	..do.	Western Union Telegraph Co.....	..do.....	24 10
O 5565	..do.	J. M. Lindgren.....	Expert services.....	47 50
O 5566	..do.	Dryer and Burt.....	Corn.....	49 13
O 5567	..do.	Burke & James.....	Laboratory apparatus.....	68 55
O 5568	..do.	S. E. Huff & Co.....	General supplies.....	5 80
O 5569	..do.	Ronald Press Co.....	Library.....	1 80
O 5570	..do.	Rev. J. W. Street.....	Traveling expenses.....	7 72
O 5571	..do.	Rev. F. J. Giddings.....	..do.....	12 00
O 5572	..do.	Rev. B. E. Allen.....	..do.....	10 24
O 5573	..do.	H. B. Randolph.....	Student assistant.....	10 00
O 5574	..do.	C. J. Rohrer.....	Lecture.....	10 00
O 5575	..do.	Rev. W. B. McNutt.....	..do.....	10 00
O 5576	..do.	D. O. Barto.....	Traveling expenses.....	3 49
O 5577	..do.	Rev. A. Vail.....	Lecture.....	20 00
O 5578	..do.	H. J. Snider.....	Traveling expenses.....	25 55
O 5579	..do.	Chas. A. Campbell.....	Field expenses.....	67 39
O 5580	..do.	Geo. W. Medley.....	Traveling expenses.....	13 90
O 5581	..do.	J. F. Johnson.....	Field expenses.....	6 00
O 5582	..do.	Jay Garrett.....	..do.....	47 90
O 5583	..do.	A. N. Abbott.....	Rent.....	120 00
O 5584	..do.	A. A. Harding.....	Traveling expenses.....	83 27
O 5585	..do.	H. A. Hollister.....	..do.....	20 41
O 5586	..do.	A. V. Bleiminger.....	..do.....	67 85
O 5587	..do.	The Daily Illini.....	Incidentals.....	1 80
O 5588	..do.	The Champaign News.....	..do.....	1 05
O 5589	..do.	E. W. Sampson.....	Storage.....	21 25
O 5590	..do.	Florists Publishing Co.....	Subscription.....	1 00
O 5591	Feb. 3	Automatic Electric Co.....	General supplies.....	55 00
O 5592	..do.	Defender Photo Supply Co.....	..do.....	4 62
O 5593	..do.	Western Society of Engineers.....	Advertising.....	60 00
O 5594	..do.	Elmer & Amend.....	Laboratory supplies.....	102 20
O 5595	..do.	J. M. Thorburn.....	..do.....	2 43
O 5596	..do.	Link Belt Co.....	Apparatus repairs.....	5 68
O 5597	..do.	Pittsburg Plate Glass Co.....	Glass.....	86 90
O 5598	..do.	E. A. Kirkpatrick.....	Photographs.....	18 75
O 5599	..do.	Montgomery & Co.....	Laboratory apparatus.....	4 90
O 5600	..do.	A. C. McClurg & Co.....	Printing.....	24 05

OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 5601	Feb. 3	Andrew Roy, Publisher	Books.	\$ 1 75
O 5602	..do.	J. W. Butler Paper Co.	Office supplies.	13 97
O 5603	..do.	Lewis W. Hine.	Laboratory apparatus.	30 00
O 5604	..do.	J. C. Blair.	Traveling expenses.	34 92
O 5605	..do.	E. Davenport.	..do.	14 86
O 5606	..do.	Western Electric Co.	Electric supplies.	294 80
O 5607	..do.	Chas. A. Hall Hardware Co.	Apparatus and supplies.	11 98
O 5608	..do.	John H. Doyle.	..do.	20 95
O 5609	..do.	Hoffman & Kropf Chemical Co.	Laboratory supplies.	12 75
O 5610	..do.	Illinois State Reformatory	Printing.	105 65
O 5611	..do.	The Burr Co.	Apparatus and supplies.	70 52
O 5612	..do.	Barnhart Brothers.	General supplies.	2 00
O 5613	..do.	Woldenberg & Schaer.	Laboratory supplies.	27 00
O 5614	..do.	Hunter, Rourke & Co.	Building materials.	71 88
O 5615	..do.	Knowlton & Bennett.	General supplies.	2 63
O 5616	..do.	Ernst Hertzberg & Sons.	Books.	31 15
O 5617	..do.	G. E. Stechert & Co.	Library books.	1 61
O 5618	..do.	C. C., C. & St. L. Ry. Co.	Freight.	41 87
O 5619	..do.	C. C., C. & St. L. Ry. Co.	..do.	4 25
O 5620	..do.	Illinois Central R. R. Co.	..do.	8 90
O 5621	..do.	Wabash R. R.	..do.	153 72
O 5622	..do.	C. J. Welch.	Contract.	402 45
O 5623	..do.	Superintendent of Documents.	Books.	1 00
O 5624	..do.	Samuel P. Irwin.	Subscription.	2 75
O 5625	..do.	Ernst Hertzberg & Sons.	Binding.	8 17
O 5626	..do.	Bennett's Magazine Agency.	Magazines.	62 45
O 5627	Feb. 4	James M. White, Sup. Arch.	Traveling expenses.	19 39
O 5628	..do.	J. D. White, Clerk U. S. Post Office.	Stamps.	210 00
O 5629	..do.	Carroll J. Badger.	Traveling expenses.	15 16
O 5630	..do.	S. C. Skemp.	Field expenses and chart.	3 00
O 5631	..do.	Mrs. E. S. Borton.	Room rent.	12 00
O 5632	..do.	Mrs. D. Bowlus.	..do.	13 50
O 5633	..do.	Geo. Banta Publishing Co.	Printing.	10 50
O 5634	..do.	Alexander Lumber Co.	Window panes.	5 40
O 5635	..do.	S. E. Huff & Co.	Coal.	6 65
O 5636	..do.	E. H. Sargent & Co.	Laboratory supplies.	12 24
O 5637	..do.	D. H. Lloyd.	Office supplies.	1 75
O 5638	..do.	Cunningham Brothers.	Laboratory supplies.	25
O 5639	..do.	Twin City Printing Co.	Rubber stamp.	20
O 5640	..do.	Chas. A. Hall Hardware Co.	Pails.	2 40
O 5641	..do.	Frison Bros. Carriage Shop.	Machine repairs.	50
O 5642	..do.	Williams Bros.	Laboratory supplies.	80
O 5643	..do.	Champaign Steam Laundry.	Laundry.	32
O 5644	..do.	John C. Moore Corporation.	Office supplies.	1 11
O 5645	..do.	The Chicago Packer.	Subscription.	1 00
O 5646	..do.	The Denninson Mfg. Co.	Tags.	5 99
O 5647	..do.	Henry A. Dreer.	Laboratory supplies.	7 50
O 5648	..do.	McIntosh Stereopticon Co.	Laboratory apparatus.	16 20
O 5649	..do.	Dr. R. W. Braithwaite.	Expert services.	2 50
O 5650	..do.	Fruit Growers Saw Co.	Pruning saws.	8 00
O 5651	..do.	E. G. Mendenhall.	Farm machine and supplies.	20 73
O 5652	..do.	J. T. Webster & Co.	Fish casts.	6 00
O 5653	..do.	American Steel & Wire Co.	Fencing.	69 08
O 5654	..do.	Walker & Mulliken.	Furniture repairs.	16 30
O 5655	..do.	C. W. Johnson.	Apparatus repairs.	75
O 5656	..do.	J. S. Reimund.	Ice cream and cones.	31 95
O 5657	..do.	Reickhoffs Bakery.	Oatmeal cookies.	8 33
O 5658	..do.	Ernst Hertzberg & Sons.	Library.	3 71
O 5659	..do.	Hunter, Rourke & Co.	Lumber.	13 13
O 5660	..do.	Standard Cap & Seal Co.	Bottles.	144 76
O 5661	..do.	C. F. Miller.	Laboratory supplies.	4 26
O 5662	..do.	L. T. Brounfield.	Machine repairs.	4 95
O 5663	..do.	H. F. Kellar.	Laboratory apparatus.	10 00
O 5664	..do.	Eastman Kodak Co.	..do.	2 20
O 5665	..do.	Chas. H. Besly & Co.	Laboratory supplies.	1 92
O 5666	..do.	Frederick Post Co.	..do.	1 34
O 5667	..do.	G. E. Stechert & Co.	Specimens.	15 91
O 5668	..do.	Indianapolis Blue Print Co.	General supplies.	3 50
O 5669	..do.	Samuel Harris & Co.	Laboratory apparatus and supplies.	25 24
O 5670	..do.	G. W. Sheldon & Co.	Freight and express.	13 39
O 5671	..do.	Flanagan-Pearson Co.	Printing.	75 25
O 5672	..do.	The Burr Co.	Laboratory apparatus.	44 35
O 5673	..do.	Henry Fuermann & Sons.	General supplies.	16 00
O 5674	..do.	Bacon Brothers.	..do.	8 35
O 5675	..do.	Illinois State Reformatory.	Printing.	16 05
O 5676	..do.	A. S. Nelson & Sons.	General supplies.	3 85
O 5677	..do.	John H. Doyle.	..do.	2 20
O 5678	..do.	B. A. Strauch.	Laboratory supplies.	51 36

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 5679	Feb. 4	C. H. Stoelting Co.	Laboratory supplies.	\$ 25 75
O 5680	do.	Knowlton & Bennett.	do.	2 60
O 5681	Feb. 12	Pay roll.	January, 1914.	34 98
		McMullen, Jane.	Salary, January, 1914.	\$ 34 98
O 5682	Feb. 12	Pay roll.	January, 1914.	67 80
		Davis, C. M.	Wages, December, 1913.	32 20
		Vandiverter, J. H.	do.	35 60
O 5683	Feb. 12	Pay roll.	January, 1914.	538 05
		Brumley, C. A.	Wages, January, 1914.	54 00
		Manley, Verna.	do.	60 00
		Shipley, J. E.	do.	54 00
		Weaver, M. C.	do.	81 00
		Apple, C. H.	do.	12 00
		Cavette, Erle.	do.	29 50
		Danielson, R. R.	do.	56 25
		Hart, P. M.	do.	5 20
		Harwood, S. D.	do.	21 00
		Hill, C. F.	do.	10 00
		Linder, Lewis.	do.	10 00
		Lindsey, G. H.	do.	15 50
		Miller, C. A.	do.	6 80
		Purcell, H. P.	do.	3 60
		Richardson, H. R.	do.	41 00
		Williams, E. C.	do.	8 20
		Rachwalski, J.	do.	70 00
O 5684	Feb. 12	Pay roll.	January, 1914.	12, 363 06
		Berchtold, H. A.	Wages, January, 1914.	75 00
		Boyce, Will Allen.	do.	93 00
		Boyer, G. W.	do.	68 46
		Bradford, Albert.	do.	91 26
		Brannigan, John.	do.	55 65
		Brining, A. L.	do.	24 80
		Browning, J. E.	do.	50 00
		Campbell, Mathew.	do.	14 00
		Campbell, Maude.	do.	20 00
		Carrieks, Oland W.	do.	51 40
		Carothers, Cevilla.	do.	41 04
		Carson, Rolla A.	do.	55 00
		Cheever, J. W.	do.	54 00
		Collins, A. L.	do.	59 40
		Cooly, John.	do.	64 20
		Corson, A. J.	do.	48 60
		Crawford, R. W.	do.	56 60
		Cummings, J. L.	do.	44 40
		Davis, Edward.	do.	66 00
		Dean, J. S.	do.	19 80
		Doll, John B.	do.	16 00
		Doyle, Bernard.	do.	90 00
		Dunseth, C. A.	do.	94 40
		English, B. F.	do.	64 86
		Fabert, H. F.	do.	60 20
		Fechtruph, Herman.	do.	70 00
		Fiscus, J. C.	do.	93 20
		Franklin, F. T.	do.	65 10
		Frazier, Mollie B.	do.	19 25
		Glenn, David.	do.	54 40
		Glenn, V. S.	do.	54 60
		Gundlock, Charles.	do.	59 66
		Heinz, L. T.	do.	62 00
		Hickey, J. B.	do.	58 50
		Hooker, W. A.	do.	54 67
		Hoover, F. F.	do.	65 34
		Johnson, C. C.	do.	65 10
		Johnson, Sam.	do.	72 00
		Kenney, T. A.	do.	13 00
		Kirby, Clyde C.	do.	54 40
		Kliem, J. A. J.	do.	71 61
		Langhoff, William.	do.	65 09
		Lindsay, M. T.	do.	16 00
		Long, J. F.	do.	71 61
		Lyons, T. M.	do.	46 60
		McDaniel, B. F.	do.	11 80
		McPadden, W. J.	do.	43 00
		MacMillion, Lee.	do.	65 80
		Mattoon, C. E.	do.	54 00
		May, U. G.	do.	54 00
		Miller, J. H.	do.	114 68
		Mock, Forrest.	do.	60 80
		Moody, D. L.	do.	58 40

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 5684 Ctd.	1914. Feb. 5	Moore, C. P. ....	Wages, January, 1914...	\$ 60 00
		Peterson, Nick .....	do. ....	55 00
		Pollard, Charles .....	do. ....	52 60
		Reed, B. L. ....	do. ....	58 00
		Shriver, Alonzo L. ....	do. ....	80 75
		Simerl, M. A. ....	do. ....	61 60
		Small, M. M. ....	do. ....	60 00
		Snook, Orval .....	do. ....	56 49
		Sparks, Marion E. ....	do. ....	39 00
		Speedie, A. C. ....	do. ....	98 00
		Stearns, L. M. ....	do. ....	65 10
		Surbaugh, C. A. ....	do. ....	51 00
		Thomson, H. L. ....	do. ....	61 60
		Utterback, Oliver J. ....	do. ....	56 80
		VanGundy, Harvey .....	do. ....	77 55
		Walters, Prentice T. ....	do. ....	54 00
		Wascher, A. C. ....	do. ....	39 60
		Sowers, A. L. ....	do. ....	104 00
		Welker, Clarence .....	do. ....	90 90
		Wells, Lawson .....	do. ....	19 20
		Wells, T. E. ....	do. ....	19 20
		Wilson, Charlie .....	do. ....	57 00
		Wilson, Wesley .....	do. ....	98 00
		Wright, Amos .....	do. ....	58 40
		Anschilds, C. E. ....	do. ....	17 06
		Bagusin, A. ....	do. ....	19 00
		Barden, H. E. ....	do. ....	15 00
		Barkman, C. P. ....	do. ....	17 10
		Bentley, R. L. ....	do. ....	17 63
		Bernhardt, Pearl .....	do. ....	18 00
		Berringer, Harriet .....	do. ....	3 60
		Billman, Elliott .....	do. ....	14 60
		Bishop, M. C. ....	do. ....	20 00
		Bow, L. C. ....	do. ....	13 80
		Britton, F. E. ....	do. ....	6 00
		Brooks, H. R. ....	do. ....	7 90
		Brown, John .....	do. ....	8 80
		Brownfield, Lelah .....	do. ....	17 00
		Campbell, M. H. ....	do. ....	26 25
		Campbell, W. F. ....	do. ....	11 93
		Cleghorn, Belle .....	do. ....	20 00
		Clements, O. R. ....	do. ....	5 80
		Colbert, J. R. ....	do. ....	18 20
		Cox, C. G. ....	do. ....	19 80
		Cummings, W. E. ....	do. ....	22 20
		Dale, J. H. ....	do. ....	20 13
		Davis, Russel .....	do. ....	25 62
		Elder, C. D. ....	do. ....	11 03
		English, H. M. ....	do. ....	28 80
		Farley, F. W. ....	do. ....	18 90
		Fischer, H. L. ....	do. ....	34 56
		Foulke, C. C. ....	do. ....	14 80
		Funk, F. W. ....	do. ....	21 88
		Galpin, Stella .....	do. ....	6 00
		Gault, F. W. ....	do. ....	25 10
		Gideon, Charles R. ....	do. ....	20 80
		Goebel, J. ....	do. ....	7 00
		Gould, John .....	do. ....	7 40
		Greison, H. P. ....	do. ....	23 75
		Grigg, D. R. ....	do. ....	13 80
		Halliday, Ruth .....	do. ....	13 60
		Hallquist, Mrs. A. ....	do. ....	12 20
		Hinshaw, Amy .....	do. ....	8 00
		Hitcock, E. W. ....	do. ....	24 85
		Horning, R. A. ....	do. ....	44 40
		Howe, B. G. ....	do. ....	18 35
		Hufford, C. T. ....	do. ....	13 60
		Hunt, L. L. ....	do. ....	11 40
		Hughes, C. A. ....	do. ....	11 75
		Hutchinson, O. C. K. ....	do. ....	14 81
		Jessen, Hubert .....	do. ....	20 60
		Jones, W. R. ....	do. ....	24 06
		Kelley, A. P. ....	do. ....	21 60
		Kelley, H. P. ....	do. ....	24 60
		Kisselburg, K. M. ....	do. ....	14 00
		Klein, G. Minnie .....	do. ....	2 00
		Larson, Martha S. ....	do. ....	21 60
		Leggitt, Frank .....	do. ....	27 12
		Leggitt, Frank .....	do. ....	26 08

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 5684 Ctd.	1914. Feb. 5	Leighty, D. R.....	Wages, January, 1914....	\$ 15 40
		Lewis, T. G.....	do.....	30 30
		Linsley, C. M.....	do.....	15 25
		Lowe, Lucy.....	do.....	45 75
		McCabe, C. L.....	do.....	9 60
		McGhee, O. M.....	do.....	20 00
		Magruder, Denton.....	do.....	14 10
		Mann, Edith.....	do.....	9 00
		Mattoon, E. W.....	do.....	7 30
		Meltz, N.....	do.....	11 00
		Mench, Berniece.....	do.....	11 25
		Miles, J. P.....	do.....	11 75
		Millizen, Edna.....	do.....	9 80
		Miner, H. W.....	do.....	16 45
		Mohlman, Harry.....	do.....	13 50
		Morrison, W. R.....	do.....	33 00
		Munson, John.....	do.....	39 64
		Murfey, E. F.....	do.....	20 75
		Myers, Madge.....	do.....	5 20
		Nelson, C. R.....	do.....	17 25
		Nelson, P. S.....	do.....	26 70
		Nixon, R. H.....	do.....	18 00
		Nickolls, C. R.....	do.....	28 65
		Odell, Arthur.....	do.....	33 15
		Ordonez, B. R.....	do.....	20 26
		Paine, Olive.....	do.....	30 20
		Peterson, R. W.....	do.....	17 10
		Price, C. B.....	do.....	11 60
		Questel, B. H.....	do.....	11 60
		Rappleye, W. C.....	do.....	21 30
		Rehling, C. H.....	do.....	25 38
		Rigg, G. L.....	do.....	25 03
		Roberts, Nellie.....	do.....	7 20
		Ropiequet, W. C.....	do.....	8 00
		Roy, S. K.....	do.....	9 00
		Rugg, E. U.....	do.....	36 50
		Salsbury, G. W.....	do.....	16 00
		Sanders, G. E.....	do.....	11 25
		Scott, S. E.....	do.....	12 00
		Secor, E. C.....	do.....	11 00
		Semple, Arthur.....	do.....	36 40
		Shaffer, R. F.....	do.....	16 00
		Skemp, S. C.....	do.....	29 50
		Slater, M. E.....	do.....	44 52
		Stearns, C. G.....	do.....	5 80
		Sterling, F. H.....	do.....	23 25
		Stevens, R. M.....	do.....	28 50
		Stilwell, Helen.....	do.....	5 20
		Stone, T. C.....	do.....	21 00
		Sutherland G. F.....	do.....	66 00
		Sutherland, G. F.....	do.....	9 75
		Stockfleth, B.....	do.....	16 00
		Thomas, E. W.....	do.....	14 98
		Thurston, H. W.....	do.....	22 60
		Troxler, Ivan.....	do.....	21 40
		VanNatter, F. M.....	do.....	10 60
		Wham, Benjamin.....	do.....	12 40
		Wilson, A. R.....	do.....	17 50
		Wilford, Robert.....	do.....	22 30
		Wood, H. T.....	do.....	6 40
		Zaleski, P. J.....	do.....	20 80
		Halton, Marie.....	do.....	25 00
		Disoway, M. D.....	do.....	100 00
		Fast, E. E.....	do.....	90 00
		Fitch, H. H.....	do.....	75 00
		McFadden, E. C.....	do.....	75 00
		Moffit, J. A.....	do.....	75 00
		Wakely, A. W.....	do.....	61 93
		Arrington, C. E.....	do.....	65 10
		Atwell, M. W.....	do.....	65 31
		Bailey, J. E.....	do.....	60 90
		Barnes, V. R.....	do.....	97 20
		Bevis, Albon.....	do.....	44 00
		Brown, Basil.....	do.....	66 72
		Brown, Harry.....	do.....	53 76
		Bullock, D. M.....	do.....	71 76
		Butler, Thomas.....	do.....	67 16
		Ceduskey, John.....	do.....	82 28
		Crathorne, F.....	do.....	87 75

OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
O 5684 <i>Ctd.</i>	1914. Feb. 5	Cunningham, F.	Wages, January, 1914 ..	\$114 75
		Davis, Joseph.	do.	71 61
		Dibble, E. P.	do.	63 48
		Downing, H.	do.	64 80
		Fay, T. J.	do.	96 10
		Fender, Fred.	do.	88 50
		Fender, Louie.	do.	71 50
		Fiscus, J. J.	do.	69 00
		Fogarty, F.	do.	56 70
		Fogarty, W.	do.	56 00
		Fox, Guy.	do.	87 00
		Freeman, C. Y.	do.	61 95
		Graybeal, W. H.	do.	66 99
		Hamlin, Sell.	do.	54 00
		Hanson, Samuel.	do.	72 50
		Hargan, E.	do.	68 15
		Henderson, T. O.	do.	110 96
		Hill, Charles.	do.	100 45
		Hixon, W. G.	do.	54 00
		Hunt, Oscar L.	do.	41 60
		Hutton, Ross.	do.	67 39
		Irvine, Frank.	do.	77 00
		Irvine, James.	do.	56 70
		Jones, Margaret.	do.	45 90
		Justus, E. W.	do.	108 00
		Langhoff, A.	do.	87 75
		Langhoff, Fred.	do.	68 54
		Lewis, E. C.	do.	72 45
		Litton, A. C.	do.	61 95
		Long, Thomas.	do.	88 02
		McAllister, A. J.	do.	76 56
		McClughen, Frances.	do.	45 90
		McCulough, James.	do.	64 24
		Magnuson, A. O.	do.	80 00
		Mahorney, H. H.	do.	78 89
		Meenach, O. E.	do.	67 16
		Meneely, Dan.	do.	63 48
		Meyers, Jesse.	do.	67 39
		Miller, C. M.	do.	57 96
		Moran, A.	do.	72 50
		Morgan, J. E.	do.	10 00
		Morgan, Rebecca.	do.	45 90
		Murphey, Ruthe.	do.	66 12
		Newton, J. R.	do.	74 64
		Nikolaus, Jacob.	do.	65 10
		Perry, F. M.	do.	71 99
		Purkins, J. F.	do.	62 04
		Quinn, William.	do.	70 56
		Richards, Ed.	do.	104 16
		Ryan, Mary E.	do.	45 90
		Servis, A.	do.	76 36
		Sinclair, C. R.	do.	64 00
		Smith, W. J.	do.	133 66
		Snyder, J.	do.	56 70
		Stateler, F.	do.	80 30
		Templin, William.	do.	91 13
		Tillotson, I. F.	do.	71 44
		Toy, George.	do.	66 47
		Turner, George.	do.	70 15
		Warmbier, August.	do.	95 10
		Wharmby, Ed.	do.	72 91
		Wilde, William.	do.	96 10
		Wilson, Frank.	do.	43 20
O 5685	Feb. 7	O. E. Staples, Bursar.	Student labor.	\$465 67
O 5686	do.	O. E. Staples, Bursar.	General labor.	253 40
O 5687	do.	O. E. Staples, Bursar.	do.	189 81
O 5688	do.	O. E. Staples, Bursar.	Express bills.	29 36
O 5689	do.	O. E. Staples, Bursar.	Sundry bills.	68 61
O 5690	do.	O. E. Staples, Bursar.	Express bills.	43 27
O 5691	do.	The Beardsley Hotel Co.	Traveling expense.	13 00
O 5692	do.	The University Club.	Entertainment.	29 25
O 5693	do.	C. A. Hughes.	Assistance in registration.	8 50
O 5694	do.	Mrs. John Stout.	Traveling expense.	3 40
O 5695	do.	Mrs. Dora Duff.	Lectures, traveling expense.	35 04
O 5696	do.	Y. M. C. A.	Clerical assistance.	10 00
O 5697	do.	Y. W. C. A.	do.	5 00
O 5698	do.	T. J. Burrill.	Traveling expense.	11 68
O 5699	do.	The Engineering Magazine.	Advertising.	1 99
O 5700	do.	T. B. Fullerton.	Traveling expense.	4 35



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914,			
O 5701	Feb. 7	John L. Munson.....	Traveling expenses.....	\$ 4 70
O 5702	..do..	John A. Detlefsen.....	..do..	20 59
O 5703	..do..	L. R. Lang.....	..do..	16 16
O 5704	..do..	T. R. Agg.....	..do..	29 24
O 5705	..do..	Professor G. C. Whipple.....	..do..	8 02
O 5706	..do..	W. S. Gearhart.....	..do..	33 85
O 5707	..do..	Arthur H. Blanchard.....	..do..	60 65
O 5708	..do..	Arthur H. Blanchard.....	Lectures.....	50 00
O 5709	Feb. 11	Hugh Tallant.....	Traveling expense.....	49 62
O 5710	..do..	Herman Lipstein.....	Rent machine.....	32 00
O 5711	..do..	Peck & Hills Furniture Co.....	Chair.....	6 25
O 5712	..do..	U. of I. Supply Store.....	Supplies.....	26 01
O 5713	..do..	Madison Bentley.....	Traveling expense.....	5 04
O 5714	..do..	Mary E. Luce.....	Stenographer services.....	71 50
O 5715	..do..	Twin City Roofing Co.....	Supplies, etc.....	36 20
O 5716	..do..	James M. White.....	Traveling expense.....	83 03
O 5717	..do..	R. C. Wagner & Son.....	Hauling.....	36 00
O 5718	..do..	Weil Brothers.....	Supplies.....	18 35
O 5719	..do..	Twin City Ice & Cold Storage Co.....	Ice.....	9 00
O 5720	..do..	The Burr Co.....	Foundry work.....	58 38
O 5721	..do..	Standard Oil Co.....	Supplies.....	17 45
O 5722	..do..	Henry Dreer, Inc.....	Laboratory supplies.....	20
O 5723	..do..	Bacon Brothers.....	Supplies.....	4 69
O 5724	..do..	John H. Doyle.....	Laboratory supplies.....	12 75
O 5725	..do..	O. E. Staples, Bursar.....	Sundry bills.....	3 00
O 5726	..do..	O. E. Staples, Bursar.....	Express bills.....	75 17
O 5727	..do..	O. E. Staples, Bursar.....	General labor.....	174 44
O 5728	..do..	O. E. Staples, Bursar.....	Student labor.....	297 96
O 5729	..do..	Western Valve Co.....	Plumbing repairs.....	3 89
O 5730	..do..	The United States Aluminum Co.....	Laboratory supplies.....	1 29
O 5731	..do..	F. K. Robeson.....	Cork carpet.....	3 80
O 5732	Feb. 16	Pay roll.....	January, 1914.....	143 10
		Beyer, Elixabeth.....	Wages, January, 1914.....	\$25 50
		Brown, Ralph Powers.....	..do..	25 80
		Dolsy, E. A.....	..do..	4 50
		Foster, D. D.....	..do..	13 20
		Inagaki, Nob.....	..do..	24 80
		Lerch, Edward.....	..do..	24 30
		Seidenberg, N. C.....	..do..	25 00
O 5733	Feb. 11	Woldenberg & Schaar.....	Laboratory supplies.....	115 20
O 5734	..do..	Arthur G. Eldredge.....	Laboratory apparatus.....	30 00
O 5735	..do..	Eastman Kodak Co.....	..do..	18 73
O 5736	..do..	D. T. Dobbins.....	Grinding corn.....	10 54
O 5737	..do..	Derrough & Co.....	Bolts.....	3 00
O 5738	..do..	Chester Horseshoeing Shops.....	Shoeing.....	51 00
O 5739	..do..	Champaign Steam Laundry.....	Laundry.....	1 86
O 5740	..do..	P. S. Campbell.....	Printing.....	59 00
O 5741	..do..	Caldwell Electric Co.....	Lamps, repairs.....	13 55
O 5742	..do..	Automatic Electric Co.....	Supplies.....	40 00
O 5743	..do..	The Alexander Lumber Co.....	Shavings.....	9 29
O 5744	..do..	S. E. Huff & Co.....	Lumber.....	53 55
O 5745	..do..	G. Cramer Dry Plate Co.....	Crown.....	1 44
O 5746	..do..	B. F. Stevenson & Son.....	Supplies.....	1 50
O 5747	..do..	Urbana Courier Co.....	Bulletins.....	15 70
O 5748	..do..	Illinois State Penitentiary.....	Brooms.....	3 25
O 5749	..do..	E. A. Eichhorst.....	Repairs.....	23 10
O 5750	..do..	Association of American Law Schools.....	Dues.....	10 00
O 5751	..do..	Wertheimer Brothers.....	Pins.....	6 71
O 5752	..do..	Chicago Branch, Macalaster-Wiggin Co.....	Laboratory supplies.....	9 50
O 5753	..do..	Stallion Registration Board of Illinois.....	Registry.....	2 00
O 5754	..do..	F. S. Burch & Co.....	Cattle tags.....	4 50
O 5755	..do..	Champaign Seed Co.....	Meat scraps.....	15 50
O 5756	..do..	E. W. Kline.....	Livery service.....	1 50
O 5757	..do..	White Line Steam Laundry.....	Laundry.....	23 51
O 5758	..do..	Pearl Adams.....	Labor.....	108 51
O 5759	..do..	Tuttle & Clark.....	Blankets.....	9 45
O 5760	..do..	The Licene Co.....	Laboratory supplies.....	2 00
O 5761	..do..	Gus A. Lengfelder.....	Geese.....	25 00
O 5762	..do..	Chas. F. Witt Estate.....	Repairing.....	12 45
O 5763	..do..	P. L. Windsor.....	Traveling expense.....	6 89
O 5764	..do..	The Elliott Co.....	Office supplies.....	12 21
O 5765	..do..	W. Lewis Co.....	Cups, spoons.....	2 10
O 5766	..do..	The Wabash Cabinet Co.....	Cards.....	11 65
O 5767	..do..	The Chicago Daily News Co.....	Daily news almanac.....	41
O 5768	..do..	Ida M. Colcord.....	Books.....	1 00
O 5769	..do..	James G. Biddle.....	Laboratory apparatus.....	53 72
O 5770	..do..	The Osgood Co.....	Printing.....	35 55
O 5771	..do..	The University Press.....	..do..	2 50
O 5772	..do..	Knowlton & Bennett.....	Laboratory supplies.....	90

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 5773	Feb. 11	Montgomery, Ward & Co.	Planes.	\$ 9 40
O 5774	do.	Walker & Mulliken.	Laboratory apparatus.	47 00
O 5775	do.	Standard Oil Co.	Oil.	7 50
O 5776	do.	Rochele Seed Co.	General supplies.	181 84
O 5777	do.	The Linde Air Products Co.	Oxygen.	1 50
O 5778	do.	The Letter Shop.	Mimeographing.	2 00
O 5779	do.	Flanigan-Pearson Co.	Punching sheets.	11 25
O 5780	do.	H. J. Snider.	Traveling expense.	32 03
O 5781	do.	J. E. Whitchurch.	Traveling expenses.	33 88
O 5782	do.	Alfred J. Gunderson.	do.	12 32
O 5783	do.	Wilson Brothers.	do.	2 00
O 5784	do.	Franz A. Aust.	Supplies.	5 70
O 5785	do.	Geo. W. Medley.	Field expense.	14 54
O 5786	do.	C. E. Buckhart.	do.	12 00
O 5787	do.	J. W. Smith.	do.	4 85
O 5788	do.	The Letter Shop.	Mimeographing, etc.	10 75
O 5789	do.	Paisley & Shively.	Hay.	260 00
O 5790	do.	Ward's Natural Science Establishment.	Laboratory supplies.	6 50
O 5791	do.	The Alumni Assn.	Quarterly allowance.	250 00
O 5792	do.	Western Electric Co.	Electric supplies.	303 92
O 5793	do.	Chicago Engineer Supply Co.	Glasses.	4 65
O 5794	do.	Geo. B. Carpenter & Co.	Rope.	9 83
O 5795	do.	A. R. Hirst.	Traveling expense.	18 99
O 5796	do.	G. E. Stechert & Co.	Books.	27
O 5797	do.	O. A. Harker.	Traveling expense.	18 13
O 5798	do.	H. V. Canter.	do.	14 74
O 5799	do.	H. A. Hollister.	do.	24 20
O 5800	do.	Medart Patent Pulley Co.	Wood shoes.	1 90
O 5801	do.	Pyrene Co. of Illinois.	Pyrene extinguishers.	12 00
O 5802	do.	The Garlock Packing Co.	Packings.	55
O 5803	do.	Irving Rouse.	Supplies.	6 00
O 5804	do.	Pantagraph Printing and Stationery.	Records-supplies.	20 00
O 5805	Feb. 13	United States Encaustic Tile Works.	Laboratory supplies.	15 90
O 5806	do.	G. Cramer Dry Plate Co.	General supplies.	10 26
O 5807	do.	Watry & Heidkamp.	Slides.	1 06
O 5808	do.	J. Horace McFarland Co.	Laboratory apparatus.	3 00
O 5809	do.	Charles G. Willoughby.	do.	92 65
O 5810	do.	Marley Riley.	Seed corn.	60 00
O 5811	do.	The Goulds Mfg. Co.	Nozzels, etc.	2 31
O 5812	do.	Niagara Sprayer Co.	Supplies.	9 03
O 5813	do.	Geo. B. Carpenter & Co.	Screws.	3 90
O 5814	do.	J. C. Pram.	Stencils, etc.	4 35
O 5815	do.	D. R. Sperry & Co.	Boiler.	31 50
O 5816	do.	The Grasselli Chemical Co.	Chemicals.	6 67
O 5817	do.	F. M. Leslie.	Frame and glass.	5 75
O 5818	do.	Champaign Steam Laundry.	Laundry.	4 50
O 5819	do.	G. Gernmert.	Plates.	6 24
O 5820	do.	L. L. Olds Seed Co.	Clover.	19 94
O 5821	do.	Hibbard, Spencer, Bartlett & Co.	Union scale.	9 60
O 5822	do.	John B. Bennett.	Plastering.	10 15
O 5823	do.	The C. C. C. & St. L. Ry. Co.	Freight.	256 81
O 5824	do.	The Illinois Traction System.	do.	15 68
O 5825	do.	Illinois Central R. R. Co.	do.	15 34
O 5826	do.	The Wabash R. R. Co.	do.	16 04
O 5827	do.	A. S. Nelson & Sons.	Almanaris water.	3 30
O 5828	do.	D. H. Lloyd.	Office supplies.	43 98
O 5829	do.	Leavitt Mfg. Co.	Foundry work.	218 12
O 5830	do.	J. B. Bennett.	Supplies.	11 10
O 5831	do.	H. W. Johns-Manville Co.	Building materials.	16 72
O 5832	do.	Illinois State Reformatory.	Printing.	62 05
O 5833	do.	Hunter, Rourke & Co.	Lumber.	162 59
O 5834	do.	Ernst Hertzberg & Sons.	Books.	51 87
O 5835	do.	The Chas. A. Hall Hardware Co.	Wheel barrows, etc.	11 84
O 5836	do.	Flanigan-Pearson Co.	Calendars.	25 91
O 5837	do.	B. A. Strauch.	Supplies.	59 80
O 5838	do.	E. H. Sargent & Co.	do.	266 55
O 5839	do.	The Taylor Hardware Co.	Hardware supplies.	24 24
O 5840	do.	J. D. White, Postal clerk.	Postage.	425 00
O 5841	do.	I. Paley.	Traveling expenses.	17 43
O 5842	do.	Garfield Jones.	do.	21 50
O 5843	do.	H. A. Harding.	do.	12 70
O 5844	do.	W. T. Crandall.	do.	10 27
O 5845	do.	Augusta D. Evans.	do.	14 78
O 5846	do.	F. M. Simpson.	do.	12 12
O 5847	do.	E. A. White.	do.	9 54
O 5848	do.	F. L. Stevens.	do.	54 21
O 5849	do.	L. H. Provine.	do.	12 89
O 5850	do.	C. C. Logan.	do.	16 34
O 5851	do.	H. E. Cunningham.	do.	2 70

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 5852	Feb. 13	L. A. Snyder.....	Traveling expenses.....	\$ 4 00
O 5853	..do.....	Pay roll.....	January, 1914.....	80 00
		Sandwell, Martin.....	Wages, January, 1914..	\$ 80 00
O 5854	Feb. 14	Pay roll.....	February, 1914.....	9,352 44
		Alexander, Lilla.....	Salary, February 1914..	65 00
		Alley, W. E.....	do.....	85 00
		Amos, Winifred L.....	do.....	75 00
		Atkinson, C. E.....	do.....	141 66
		Beyer, Melinda L.....	do.....	75 00
		Blackwell, Mary.....	do.....	55 00
		Boice, L. A.....	do.....	125 00
		Bowen, Evalena.....	do.....	65 00
		Broadhurst, Tabitha J.....	do.....	75 00
		Brown, Ina M.....	do.....	60 00
		Bryan, Sarah E.....	do.....	70 00
		Buckles, Mildred.....	do.....	65 00
		Buckler, Helen I.....	do.....	60 00
		Burt, Ruth.....	do.....	50 00
		Cass, Elizabeth H.....	do.....	65 00
		Crawford, C. C.....	do.....	65 00
		Cover, Hazel.....	do.....	60 00
		Cunningham, H. E.....	do.....	166 66
		Custer, Emma L.....	do.....	75 00
		Dalton, C. E.....	do.....	50 00
		Durfey, Franc A.....	do.....	50 00
		Emigh, Edith.....	do.....	70 00
		Feind, Frances.....	do.....	80 00
		Feldkamp, Amelia.....	do.....	50 00
		Fieg, Robert.....	do.....	50 00
		Foss, Margaret C.....	do.....	50 00
		Fraser, Viola.....	do.....	65 00
		Gage, Marjorie H.....	do.....	75 00
		Gallaher, Marion B.....	do.....	50 00
		Garwood, Frances.....	do.....	50 00
		Goetz, Antoinette.....	do.....	70 00
		Good, Elizabeth.....	do.....	50 00
		Gordon, Marie A.....	do.....	55 00
		Griffith, Mabel.....	do.....	70 00
		Halliday, Mable.....	do.....	60 00
		Hamilton, Mrs. Alice V.....	do.....	75 00
		Havens, Charles.....	do.....	120 00
		Hay, N.....	do.....	166 66
		Heater, Myrtle E.....	do.....	60 00
		Houchens, Josie B.....	do.....	83 33
		Hull, A. H.....	do.....	65 00
		Humrichouse, Matie L.....	do.....	50 00
		Johnson, Gertrude E.....	do.....	60 00
		Kirwin, Nora.....	do.....	50 00
		Knapp, Aurella.....	do.....	75 00
		Knorr, L. E.....	do.....	150 00
		Lahr, Lawrence.....	do.....	50 00
		Lamb, Allie B.....	do.....	55 00
		Lee, A. R.....	do.....	91 66
		Leitz, Louise A.....	do.....	40 00
		Love, Mary E.....	do.....	65 00
		Luther, Cornelia M.....	do.....	40 00
		McConn, C. M.....	do.....	250 00
		McGehee, Hester E.....	do.....	40 00
		McGurty, Agnes.....	do.....	83 33
		McIntire, W. A.....	do.....	50 00
		Manspeaker, L. Mae.....	do.....	83 33
		Meneley, Maude E.....	do.....	60 00
		Merchant, Donna.....	do.....	50 00
		Meseck, R.....	do.....	65 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
		Needham, Lucile.....	do.....	60 00
		Nyberg, Florence A.....	do.....	50 00
		Oberdorfer, H. D.....	do.....	208 33
		Packard, Bessie.....	do.....	75 00
		Peel, Elizabeth C.....	do.....	75 00
		Peel, Thomas.....	do.....	55 00
		Phelps, Virgil V.....	do.....	150 00
		Post, Frederick.....	do.....	75 00
		Postlewait, Harriet L.....	do.....	55 00
		Potter, Mabel.....	do.....	75 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 5854 Cld.	1914. Feb. 14	Powell, B. E.....	Salary, February, 1914..\$	191 66
		Pulling, Elizabeth.....	do.....	60 00
		Putnam, Persis.....	do.....	75 00
		Rein, Lillian E.....	do.....	50 00
		Renz, Myrtle.....	do.....	75 00
		Ricketts, Clara.....	do.....	60 00
		Riggs, Bess.....	do.....	30 00
		Robertson, Nellie.....	do.....	70 00
		Rogers, Della M.....	do.....	40 00
		Scanlan, Mary.....	do.....	60 00
		Sharp, Bertha L.....	do.....	55 00
		Shaw, Hazel Y.....	do.....	65 00
		Shepard, Anna L.....	do.....	100 00
		Showers, T. J.....	do.....	125 00
		Slater, Sara M.....	do.....	60 00
		Smith, Florence E.....	do.....	75 00
		Smith, I. M.....	do.....	125 00
		Smith, Mayme L.....	do.....	65 00
		Staples, O. E.....	do.....	150 00
		States, Bertha G.....	do.....	50 00
		Stevens, Sabra.....	do.....	65 00
		Steltz, Alfred.....	do.....	85 00
		Stricklan, Freda O.....	do.....	65 00
		Thompson, M. E.....	do.....	90 00
		Towne, L. J.....	do.....	175 00
		Tuttle, G. P.....	do.....	100 00
		Tyrrell, Josephine.....	do.....	50 00
		Vaubel, D.....	do.....	60 00
		Voight, Lida E.....	do.....	83 33
		White, Loretta.....	do.....	70 00
		Winchester, B. L.....	do.....	50 00
		Wyninger, H. T.....	do.....	60 00
		Jester, Marie.....	do.....	55 00
		Johnson, J. J.....	do.....	50 00
		McMullen, Jennie B.....	do.....	50 00
		Katz, Louise W.....	do.....	75 00
		Exton, Edna M.....	do.....	35 00
		Flattery, Amanda.....	do.....	60 00
		Ellis, E. R.....	do.....	50 00
		Leonard, Russell.....	do.....	45 83
		Lonijs, J. O.....	do.....	90 00
		Paulus, William H.....	do.....	55 00
		Magruder, Ira W.....	do.....	70 00
		Reid, Olive G.....	do.....	50 00
		Ressler, Milton.....	do.....	80 00
		Vanderbeek, H. J.....	do.....	65 00
		Wright, G. E.....	do.....	125 00
O 5855	..do.....	Pay roll.....	February, 1914.....	\$76,688 56
		Filbey, E. J.....	Salary, February, 1914..	183 33
		James, Edmund J.....	do.....	1,000 00
		Frazer, George E.....	do.....	333 33
		Smith, Adelle C (Student).....	do.....	60 00
		Fair, Sue M.....	do.....	80 00
		Fiero, E. E. (Student).....	do.....	50 00
		Warnock, A. R.....	do.....	150 00
		Strong, Lillian.....	do.....	50 00
		Carrithers, I. R.....	do.....	60 00
		Fargo, R. N.....	do.....	120 00
		Gill, H. L.....	do.....	220 00
		Huff, G. A.....	do.....	416 66
		Jones, R. R.....	do.....	120 00
		Manley, E. J.....	do.....	90 00
		Pengilly, H. E.....	do.....	10 00
		Brooks, Verna.....	do.....	90 00
		Gaut, Rosa Lee.....	do.....	40 00
		Hitt, Agnes.....	do.....	20 00
		Hughitt, Anna L.....	do.....	100 00
		Landee, Marion C.....	do.....	90 00
		Moulton, Gertrude E.....	do.....	153 33
		Shoemaker, Dorothy-Ruth.....	do.....	70 00
		Webster, F. D.....	do.....	48 00
		Howes, H. E. (Student).....	do.....	20 00
		Westcott, C. H. (Student).....	do.....	20 00
		Prouty, E. C. (Student).....	do.....	20 00
		Berry, E. H. (Student).....	do.....	20 00
		Ousley, H. P. (Student).....	do.....	20 00
		Velzy, C. R.....	do.....	20 00
		Giehler, F. G.....	do.....	20 00
		Hollister, H. A.....	do.....	270 83

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 5855 Ctd.	1914.			
	Feb. 14	Ayer, T. P. (Student).....	Salary, February, 1914. \$	70 00
		Bollman, Minnie J. (Student).....	do.....	32 50
		Branch, Nelle E. (Student).....	do.....	32 50
		Breedis, John (Student).....	do.....	18 00
		Britton, Floyd E. (Student).....	do.....	30 00
		Christy, Glen (Student).....	do.....	18 00
		Craig, Jennie A.....	do.....	80 00
		Drury, F. K. W.....	do.....	200 00
		Dunlap, Fannie (Student).....	do.....	60 00
		Eppinger, J. G. (Student).....	do.....	36 00
		Felsenthal, Emma.....	do.....	83 33
		Fontaine, E. O. (Student).....	do.....	36 00
		Gibson, Mable H. (Student).....	do.....	27 50
		Goulding, P. S.....	do.....	166 66
		Herdman, Margaret.....	do.....	75 00
		Hodnefield, Jacob.....	do.....	125 00
		Hubbard, Marie E. (Student).....	do.....	27 50
		Hutchins, Margaret.....	do.....	83 33
		Janvrin, Charles.....	do.....	41 66
		Johnson, Alice.....	do.....	83 33
		Jutton, Emma R.....	do.....	100 00
		Karsten, Eleanor G.....	do.....	100 00
		Leatherman, Marian.....	do.....	75 00
		Mitchell, Marguerite (Student).....	do.....	65 00
		Patton, Adah.....	do.....	91 66
		Renich, Matherine L. (Student).....	do.....	30 00
		Torrance, Mary.....	do.....	75 00
		Troy, Mary Z. (Student).....	do.....	65 00
		Windsor, P. L.....	do.....	291 66
		Wyeth, Ola M.....	do.....	80 00
		Eldredge, A. G.....	do.....	250 00
		Kelley, R. L. (Student).....	do.....	100 00
		Rice, G. B.....	do.....	250 00
		White, J. M.....	do.....	416 66
		Davenport, Eugene.....	do.....	500 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.....	200 00
		Rankin, F. H.....	do.....	291 66
		Allyn, Orr.....	do.....	83 33
		Aumer, J. P.....	do.....	150 00
		Binding, L. R.....	do.....	83 33
		Bunson, A. M.....	do.....	70 00
		Clevenger, C. B.....	do.....	70 00
		Dickinson, R. W.....	do.....	83 33
		Ellis, O. I.....	do.....	70 00
		Fahrnkopf, H. F. T.....	do.....	70 00
		Garrett, F. W.....	do.....	100 00
		Gentle, G. E.....	do.....	70 00
		Gernert, W. B.....	do.....	150 00
		Gilkerson, H. C.....	do.....	70 00
		Heck, A. F.....	do.....	70 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
		Niederman, Gertrude.....	do.....	100 00
		Park, J. B.....	do.....	150 00
		Sachs, W. H.....	do.....	133 33
		Schoonover, W. R.....	do.....	70 00
		Snider, H. J.....	do.....	70 00
		Van Alstine, E. D.....	do.....	175 00
		Walworth, B. H.....	do.....	70 00
		Wascher, F. M. W.....	do.....	100 00
		Wheeler, H. C.....	do.....	150 00
		Hall, L. D.....	do.....	112 50
		Newlin, C. I.....	do.....	100 00
		Perry, Leonora.....	do.....	100 00
		Wells, J. R.....	do.....	83 33
		Clark, E. M.....	do.....	75 00
		Harding, H. A.....	do.....	416 66
		Pearson, F. A.....	do.....	91 66
		Blair, J. C.....	do.....	416 66
		Gunderson, A. J.....	do.....	100 00
		Harper, Julia A.....	do.....	65 00
		Hutchinson, James.....	do.....	100 00
		Muncie, F. W.....	do.....	83 33

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 5855 Ctd.	1914.			
	Feb. 14	Peltier, G. L.....	Salary, February, 1914. \$ 83 33	
		Rees, C. C.....	do.....	41 66
		Ruth, W. A.....	do.....	150 00
		Sayre, C. B.....	do.....	70 00
		Bevier, Isabel.....	do.....	250 00
		Crigler, Nina B.....	do.....	116 66
		Fleming, Georgia.....	do.....	100 00
		Goldthwaite, Nellie.....	do.....	187 50
		Gray, Cora E.....	do.....	116 66
		Harrison, Florence.....	do.....	100 00
		Parsons, Maud.....	do.....	116 66
		Pincomb, Helena M.....	do.....	133 33
		Seymour, Lurene.....	do.....	150 00
		Stevens, Grace E.....	do.....	110 00
		Wheeler, Ruth.....	do.....	141 66
		McIntosh, Donald.....	do.....	208 33
		Ash, Percy.....	do.....	208 33
		Burton, S. C.....	do.....	140 00
		Clark, C. R.....	do.....	166 66
		Corrubia, A. B. M.....	do.....	160 00
		Cowley, F. K.....	do.....	120 00
		Fehrenkamp, Winifred.....	do.....	70 00
		Forsythe, J. H.....	do.....	150 00
		Jones, R. T.....	do.....	160 00
		Kellogg, J. M.....	do.....	150 00
		Kimball, A. H.....	do.....	150 00
		Provine, L. H.....	do.....	291 66
		Ricker, N. C.....	do.....	291 66
		Titcomb, W. C.....	do.....	175 00
		Wells, N. A.....	do.....	104 16
		Math, Earle R.....	do.....	140 00
		Baker, I. O.....	do.....	333 33
		Bowling, B. L.....	do.....	83 33
		Davis, R. E.....	do.....	120 00
		Garver, N. B.....	do.....	141 66
		McDaniel, A. B.....	do.....	229 16
		Mills, Guy G.....	do.....	90 00
		Parcel, J. I.....	do.....	208 33
		Pickels, G. W.....	do.....	150 00
		Raynor, W. H.....	do.....	130 00
		Smith, J. E.....	do.....	150 00
		Wiley, C. C.....	do.....	141 66
		Wilson, W. M.....	do.....	183 33
		Biegler, P. S.....	do.....	166 66
		Brooks, Morgan.....	do.....	250 00
		Bryant, J. M.....	do.....	229 16
		Fisk, I. W.....	do.....	133 33
		James, L. V.....	do.....	133 33
		Knight, A. R.....	do.....	150 00
		Paine, E. B.....	do.....	250 00
		Waldo, E. H.....	do.....	166 66
		Beach, Robin.....	do.....	100 00
		Crane, Rufus.....	do.....	100 00
		Jordan, H. H.....	do.....	140 00
		Miller, H. W.....	do.....	183 33
		Nelson, W. S.....	do.....	30 00
		Porter, F. M.....	do.....	125 00
		Rugg, H. O.....	do.....	150 00
		Steward, R. K.....	do.....	141 66
		Benedict, B. W.....	do.....	291 66
		Dent, J. A.....	do.....	150 00
		Domonske, A. B.....	do.....	140 00
		Duncan, J. M.....	do.....	90 00
		Eames, H. S.....	do.....	140 00
		Gross, G. A.....	do.....	150 00
		Frisk, J. A.....	do.....	91 66
		Godeke, H. F.....	do.....	130 00
		Goodenough, G. A.....	do.....	291 66
		Harding, L. A.....	do.....	291 66
		Kennedy, R. E.....	do.....	150 00
		Lanham, E. T.....	do.....	120 00
		Leutwiler, O. A.....	do.....	241 66
		Pendleton, J. C.....	do.....	100 00
		Radebaugh, G. H.....	do.....	110 00
		Rebman, P. J.....	do.....	80 00
		Richards, C. R.....	do.....	479 16
		Scroggin, D. L.....	do.....	120 00
		Torrance, F. C.....	do.....	110 00
		Waterfall, H. W.....	do.....	130 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 5855 <i>Ctd.</i>	1914. Feb. 14	Willard, A. C.....	Salary, February, 1914.	\$200 00
		Andros, S. O.....	do.	175 00
		Holbrook, E. A.....	do.	208 33
		Stoek, H. H.....	do.	416 66
		Young, L. E.....	do.	150 00
		Babbitt, H. E.....	do.	140 00
		Boomsliter, G. P.....	do.	170 00
		Enger, M. L.....	do.	187 50
		Ensign, N. E.....	do.	150 00
		Fleming, V. R.....	do.	150 00
		Gardner, Harry.....	do.	140 00
		Gonnerman, H. F.....	do.	150 00
		Noerenberg, C. E.....	do.	170 00
		Seely, F. B.....	do.	170 00
		Talbot, A. N.....	do.	416 66
		Vallance, Alexander.....	do.	140 00
		Bair, W. H.....	do.	50 00
		Carman, A. P.....	do.	416 66
		Jones, L. T.....	do.	95 00
		Karrer, Sebastian.....	do.	70 00
		Knipp, C. T.....	do.	233 33
		Kunz, Jacob.....	do.	208 33
		Nathanson, J. B.....	do.	50 00
		Schulz, W. F.....	do.	183 33
		Randolph, O. A.....	do.	90 00
		Shook, G. A.....	do.	120 00
		Smith, O. H.....	do.	95 00
		Watson, F. R.....	do.	229 16
		Warner, E. H.....	do.	80 00
		Williams, E. H.....	do.	141 66
		Hayes, J. B.....	do.	90 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
		Abrams, D. A.....	do.	150 00
		Chittenden, A. K.....	do.	229 16
		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
		Yensen, T. D.....	do.	133 33
		Decker, E. H.....	do.	291 66
		Green, Frederick.....	do.	291 66
		Hale, W. G.....	do.	291 66
		Harker, O. A.....	do.	416 66
		Pomeroy, J. N.....	do.	208 33
		Vernier, C. G.....	do.	291 66
		Cassidy, H. M. (Student).....	do.	25 00
		Pillsbury, W. H.....	do.	200 00
		Little, R. F.....	do.	50 00
		Andrews, O. M.....	do.	83 33
		Babcock, K. C.....	do.	416 66
		Bradbury, C. E.....	do.	120 00
		Kelley, C. F.....	do.	150 00
		Lake, E. J.....	do.	187 50
		Wetmore, Mary M.....	do.	150 00
		Bond, J. J. D.....	do.	30 00
		Reed, F. W.....	do.	140 00
		Stebbins, Joel.....	do.	291 66
		Burton, L. V.....	do.	60 00
		Newell, C. R.....	do.	100 00
		Rahn, Otto.....	do.	225 00
		Brigham, R. O.....	do.	60 00
		Hague, Stella M.....	do.	90 00
		Hottes, C. F.....	do.	250 00
		Lamkey, E. M. R.....	do.	60 00
		LeCato, J. M.....	do.	60 00
		McDougall, W. B.....	do.	120 00
		Parr, Rosalie M.....	do.	80 00
		Scherfee, S. H.....	do.	30 00
		Treleese, William.....	do.	416 66
		Wagoner, H. D.....	do.	60 00
		Whitten, J. H.....	do.	60 00
		Hursh, R. K.....	do.	150 00
		Radcliffe, B. S.....	do.	120 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 5855 Ctd.	1914. Feb. 14	Rand, C. C.	Salary, February, 1914. \$	80 00
		Stull, R. T.	do.	250 00
		Williams, A. E.	do.	125 00
		Adams, W. C.	do.	10 00
		Allen, C. H.	do.	50 00
		Baker, R. E.	do.	35 00
		Balke, C. W.	do.	250 00
		Bradley, S. A.	do.	30 00
		Bates, S. J.	do.	100 00
		Beal, G. D.	do.	140 00
		Sims, C. E.	do.	10 00
		Broderson, H. J.	do.	120 00
		Carter, H. M.	do.	30 00
		Charlton, E. E.	do.	30 00
		Clark, K. A.	do.	35 00
		Cohn, Alexander	do.	10 00
		Darrah, Juanita E.	do.	30 00
		Davissou, B. S.	do.	60 00
		Derick, C. G.	do.	166 66
		Eckstein, C. H.	do.	10 00
		Engle, E. W.	do.	50 00
		Englisk D. T.	do.	30 00
		Foster, L. F.	do.	50 00
		Gilmore, R. E.	do.	30 00
		Hecker, C. H.	do.	100 00
		Hess, R. W.	do.	50 00
		Hewes, C. K.	do.	60 00
		Honovski, B. R.	do.	80 00
		Hopkins, B. S.	do.	140 00
		Janson, J. M.	do.	10 00
		Kamm, Oliver	do.	60 00
		Kremmers, H. C.	do.	30 00
		Ball, T. R.	do.	60 00
		Lewis, H. F.	do.	50 00
		MacArthur, C. G.	do.	150 00
		MacInnes, D. A.	do.	140 00
		Manuel, W. A.	do.	30 00
		Marquis, S. D.	do.	30 00
		Nelson, R. A.	do.	10 00
		Noyes, W. A.	do.	416 66
		Parr, S. W.	do.	333 33
		Prasil, Anton	do.	10 00
		Read, J. W.	do.	60 00
		Rich, P. C.	do.	10 00
		Ruby, G. B.	do.	10 00
		Scholl, Clarence	do.	30 00
		Sears, G. W.	do.	60 00
		Sievert, C. W. J.	do.	10 00
		Skinner, G. S.	do.	10 00
		Smith, G. M.	do.	166 66
		Smith, L. D.	do.	100 00
		Snook, J. D.	do.	10 00
		Straw, W. A.	do.	10 00
		Taylor, E. H.	do.	30 00
		Taylor, S. C.	do.	50 00
		Thorp, Lambert	do.	120 00
		Tippett, R. W.	do.	30 00
		Valentine, H. D.	do.	30 00
		Van Zoeren, G. J.	do.	60 00
		Washburn, E. W.	do.	291 66
		Weber, H. C. P.	do.	166 66
		Weiland, H. J.	do.	35 00
		Wichers, Edward	do.	30 00
		Wildman, E. A.	do.	50 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.	200 00
		Dewsnup, E. R.	do.	250 00
		Litman, Simon	do.	208 33
		Prickett, A. L.	do.	40 00
		Robinson M. H.	do.	250 00
		Scoville, H. T.	do.	200 00
		Stewart, C. L.	do.	70 00
		Thompson, C. M.	do.	180 00
		Thompson, J. G.	do.	180 00



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 5855 Ctd.	1914. Feb. 14	Weston, N. A. ....	Salary, February, 1914.	\$250 00
		Anderson, L. F. ....	do.	229 16
		Bagley, W. C. ....	do.	416 66
		Coffman, L. D. ....	do.	291 66
		Hallquest, A. L. ....	do.	50 00
		Harlan, C. L. ....	do.	50 00
		Johnston, C. H. ....	do.	291 66
		Miller, W. S. ....	do.	150 00
		Alden, R. M. ....	do.	375 00
		Baldwin, E. C. ....	do.	175 00
		Boyer, C. V. ....	do.	140 00
		Buchen, W. A. ....	do.	150 00
		Clark, T. A. ....	do.	500 00
		Creek, H. L. ....	do.	140 00
		Curl, M. J. ....	do.	140 00
		Dixon, R. E. ....	do.	110 00
		Dodge, D. K. ....	do.	270 83
		Fulton, Edward. ....	do.	175 00
		Goodwin, T. G. ....	do.	100 00
		Guild, T. H. ....	do.	125 00
		Gwinn, Alta. ....	do.	90 00
		Harbarger, Sada A. ....	do.	100 00
		Jones, E. S. ....	do.	120 00
		Jones, H. S. V. ....	do.	183 33
		Jordan, J. C. ....	do.	100 00
		Kelso, Ruth. ....	do.	100 00
		Kyle, Martha J. ....	do.	180 00
		Loomis, R. S. ....	do.	120 00
		McJohnston, Harrison. ....	do.	120 00
		Paul, H. G. ....	do.	208 33
		Rinaker, Clarissa. ....	do.	110 00
		Sarett, L. R. ....	do.	100 00
		Schoeppele, Gertrude. ....	do.	130 00
		Scott, F. W. ....	do.	200 00
		Sherman, S. P. ....	do.	308 33
		Stanley, T. B. ....	do.	50 00
		Sutcliffe, E. G. ....	do.	100 00
		Tieje, A. J. ....	do.	120 00
		Whicher, G. F. ....	do.	110 00
		Woolbert, C. H. ....	do.	166 66
		Zeitlin, Jacob. ....	do.	133 33
		Folsom, J. W. ....	do.	208 33
		Forbes, S. A. ....	do.	83 33
		Glasgow, Robert D. ....	do.	120 00
		MacGillivray, A. D. ....	do.	250 00
		Peterson, Alvah. ....	do.	60 00
		Bayley, W. S. ....	do.	250 00
		Fleener, F. L. ....	do.	40 00
		Heitkamp, G. W. ....	do.	40 00
		Rich, J. L. ....	do.	150 00
		Rolfe, C. W. ....	do.	250 00
		Ross, C. S. ....	do.	40 00
		Savage, T. E. ....	do.	208 33
		Thompson, David. ....	do.	40 00
		Barto, P. S. ....	do.	100 00
		Brooks, N. C. ....	do.	208 33
		Flom, G. T. ....	do.	233 33
		Goebel, Julius. ....	do.	312 50
		Green, Alexander. ....	do.	120 00
		Held, F. E. ....	do.	50 00
		Koller, A. H. ....	do.	130 00
		Lessing, O. E. ....	do.	291 66
		Meyer, G. H. ....	do.	229 16
		Poor, C. M. ....	do.	50 00
		Spindler, G. W. ....	do.	50 00
		Williams, C. A. ....	do.	150 00
		Zucker, A. E. ....	do.	50 00
		Alvord, C. W. ....	do.	145 83
		Brush, Elizabeth P. ....	do.	90 00
		Buck, S. C. ....	do.	150 00
		Cole, A. C. ....	do.	150 00
		Duncalf, Frederick. ....	do.	208 33
		Greene, E. B. ....	do.	416 66
		Larson, L. M. ....	do.	250 00
		Lybber, A. H. ....	do.	233 33
		Robertson, W. S. ....	do.	208 33
		Borger, R. L. ....	do.	125 00
		Burns, Josephine E. ....	do.	100 00
		Chittenden, E. W. ....	do.	120 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 5855 Ctd.	1914. Feb. 14	Crathorne, A. R.....	Salary, February, 1914.	\$166 66
		Denton, W. W.....	do.....	140 00
		Emch, Arnold.....	do.....	187 50
		Hebbert, C. M.....	do.....	60 00
		Kempner, A. J.....	do.....	140 00
		Lytile, E. B.....	do.....	150 00
		Miller, G. A.....	do.....	291 66
		Rietz, H. L.....	do.....	158 33
		Rowland, S. A.....	do.....	75 00
		Rutledge, George.....	do.....	60 00
		Shaw, J. B.....	do.....	229 16
		Sisam, C. H.....	do.....	183 33
		Smith, G. W.....	do.....	60 00
		Stouffer, E. B.....	do.....	130 00
		Townsend, E. J.....	do.....	333 33
		Wahlin, G. E.....	do.....	116 66
		Zeis, H. C.....	do.....	60 00
		Beard, J. H.....	do.....	130 00
		Burge, W. E.....	do.....	183 33
		Neill, Alma J.....	do.....	60 00
		Bode, B. H.....	do.....	291 66
		Daniels, A. H.....	do.....	333 33
		Geyer, D. L.....	do.....	50 00
		Shepherd, Queen L.....	do.....	110 00
		Dodd, W. F.....	do.....	191 66
		Garner, J. W.....	do.....	333 33
		Hanford, A. C.....	do.....	50 00
		Mathews, J. M.....	do.....	150 00
		Storey, Russell M.....	do.....	100 00
		Bentley, Madison.....	do.....	270 83
		Ruckmich, C. A.....	do.....	130 00
		Sutherland, A. H.....	do.....	150 00
		Vance, T. J.....	do.....	90 00
		Allen, Louis.....	do.....	45 00
		Beck, J. B.....	do.....	166 66
		Carnahan, D. H.....	do.....	112 50
		Carry, Charles.....	do.....	110 00
		Eppels, Joseph.....	do.....	90 00
		FitzGerald, J. D. II.....	do.....	225 00
		Moore, O. H.....	do.....	120 00
		Oliver, T. E.....	do.....	250 00
		Schulters, J. R.....	do.....	80 00
		Seymour, A. R.....	do.....	191 66
		Turner, L. M.....	do.....	150 00
		Wesenberg, T. G.....	do.....	90 00
		Hayes, E. C.....	do.....	275 00
		Todd, A. J.....	do.....	141 66
		Adams, C. C.....	do.....	137 50
		Chenoweth, H. E.....	do.....	30 00
		Cobb, Margaret V.....	do.....	30 00
		Faust, E. C.....	do.....	60 00
		Green, Bessie R.....	do.....	60 00
		Hanson, F. B. (Student).....	do.....	60 00
		Heimbürger, H. V.....	do.....	60 00
		Johnson, Gertrude.....	do.....	40 00
		Kingsley, J. S.....	do.....	291 66
		Linkins, R. H.....	do.....	60 00
		May, H. G.....	do.....	30 00
		Smith, Frank.....	do.....	250 00
		Stunkard, H. W.....	do.....	30 00
		VanCleave, H. J.....	do.....	120 00
		Ward, H. B.....	do.....	416 66
		Wells, Grace E.....	do.....	30 00
		Zeleny, Charles.....	do.....	250 00
		Kinley, David.....	do.....	583 33
		Wright, A. B.....	do.....	50 00
		Austin, Louise.....	do.....	25 00
		Bayley, Paul.....	do.....	25 00
		Blaney, Lillian.....	do.....	25 00
		Brandner, A. R.....	do.....	25 00
		Browne, Lois A.....	do.....	25 00
		Clark, Helen.....	do.....	25 00
		Coultas, Lois M.....	do.....	25 00
		Cushing, Helen I.....	do.....	25 00
		Dewey, Ida B.....	do.....	25 00
		Fisher, L. N.....	do.....	25 00
		Garman, Philip.....	do.....	25 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 5855 Ctd.	1914. Feb. 14	Haskett, Aloa A. ....	Salary, February, 1914. \$	25 00
		Heck, A. O. ....	do. ....	25 00
		Ingels, Nelle L. ....	do. ....	25 00
		Kile, Jessie J. ....	do. ....	25 00
		Knight, C. K. ....	do. ....	25 00
		Knoche, Viola E. ....	do. ....	25 00
		Lamb, B. F. ....	do. ....	25 00
		Lantz, C. W. ....	do. ....	25 00
		Lawrence, Mathew. ....	do. ....	25 00
		Lincoln, Warren. ....	do. ....	25 00
		McKenna, E. L. ....	do. ....	25 00
		Mathews, Howard. ....	do. ....	25 00
		Miles, Lois M. ....	do. ....	25 00
		Miller, Jessie F. ....	do. ....	25 00
		Pasmore, D. F. ....	do. ....	25 00
		Parker, Karr. ....	do. ....	25 00
		Partridge, N. L. ....	do. ....	25 00
		Paulson, P. A. ....	do. ....	25 00
		Ray, S. H. ....	do. ....	25 00
		Reeves, H. P. ....	do. ....	25 00
		Schinnerer, O. P. ....	do. ....	25 00
		Shewhart, W. A. ....	do. ....	25 00
		Siebens, Thekla M. ....	do. ....	25 00
		Stevens, W. E. ....	do. ....	25 00
		Stokes, C. N. ....	do. ....	25 00
		Sullivan, W. W. ....	do. ....	25 00
		Theilen, Margaret K. ....	do. ....	25 00
		Thoreen, Edna A. ....	do. ....	25 00
		Thorne, Mabel E. ....	do. ....	25 00
		Wilber, A. S. ....	do. ....	25 00
		Wilson, W. H. ....	do. ....	25 00
		Wolf, H. C. ....	do. ....	25 00
		Wolfe, W. S. ....	do. ....	25 00
		Brown, R. W. ....	do. ....	35 00
		Carroll, W. E. ....	do. ....	40 00
		Clark, F. E. ....	do. ....	35 00
		Conel, J. L. ....	do. ....	35 00
		Cort, W. W. ....	do. ....	30 00
		Farwell, S. P. ....	do. ....	40 00
		Fracker, S. B. ....	do. ....	35 00
		Gittins, Elizabeth M. ....	do. ....	30 00
		Gutberlet, J. E. ....	do. ....	40 00
		Harder, O. E. ....	do. ....	30 00
		Heuse, E. O. ....	do. ....	40 00
		Holley, C. E. ....	do. ....	35 00
		Howard, J. W. ....	do. ....	30 00
		Johnson, Morris. ....	do. ....	30 00
		Kircher, E. A. T. ....	do. ....	40 00
		Lehenbauer, P. A. ....	do. ....	40 00
		Maclarlane, Wallace. ....	do. ....	35 00
		McGregor, H. H. ....	do. ....	35 00
		Mathewson, L. C. ....	do. ....	40 00
		Millar, E. B. ....	do. ....	40 00
		Miller, J. E. ....	do. ....	35 00
		Peine, A. F. ....	do. ....	35 00
		Russell, F. A. ....	do. ....	35 00
		Voegelein, Lily B. ....	do. ....	30 00
		Watson, Minne E. ....	do. ....	35 00
		Wright, Quincy. ....	do. ....	30 00
		Wyatt, F. A. ....	do. ....	35 00
		Belt, J. H. ....	do. ....	50 00
		Hadley, H. F. ....	do. ....	50 00
		McDermet, Rudolph. ....	do. ....	50 00
		Maney, G. A. ....	do. ....	50 00
		Montgomery, Julian. ....	do. ....	50 00
		Nebel, M. L. ....	do. ....	50 00
		Pogue, R. B. ....	do. ....	50 00
		Thomas, H. R. ....	do. ....	50 00
		Wohlenberg, W. J. ....	do. ....	50 00
		Bond, Ethel. ....	do. ....	83 33
		Curtis, Florence R. ....	do. ....	133 33
		Reece, E. J. ....	do. ....	133 33
		Simpson, Frances. ....	do. ....	166 66
		Harding, A. A. ....	do. ....	180 00
		Kirkup, Florence M. ....	do. ....	100 00
		Mills, C. H. ....	do. ....	225 00
		Morphy, E. W. ....	do. ....	170 00
		Nasmyth, H. D. ....	do. ....	170 00
		Schwartz, G. F. ....	do. ....	183 33

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 5855	1914.			
	Feb. 14	Simon, Anna.....	Salary, February, 1914.	\$100 00
Cld.		Smith, Constance-Barlow.....	do.	166 66
		Townsend, L. L.....	do.	120 00
		Treat, Edna A.....	do.	100 00
		Van den Berg, H. J.....	do.	180 00
		Langeller, W. F.....	do.	125 00
		Bartow, Edward.....	do.	333 33
		Sapulding, C. H.....	do.	60 00
		Ferguson, H. F.....	do.	90 00
		Hanford, W. W.....	do.	60 00
		Hinds, M. E.....	do.	70 00
		Huenink, H. L.....	do.	70 00
		Mohlman, F. W.....	do.	70 00
		Schnellbach, J. F.....	do.	75 00
		Sjoblom, M. C.....	do.	75 00
		Tanner, F. W.....	do.	70 00
		Colson, H. W.....	do.	100 00
		Clark, A. H.....	do.	150 00
		Day, W. B.....	do.	208 33
		Elcher, B. L.....	do.	100 00
		Gathercoal, E. N.....	do.	130 00
		Snow, C. M.....	do.	150 00
		Anders, P.....	do.	100 00
		Hieronymus, R. E.....	do.	250 00
		Muehlman, Ralph E.....	do.	140 00
O 5856	do.	Augusta D. Evans.....	Traveling expenses.	\$ 22 19
O 5857	do.	F. A. Pearson.....	do.	16 84
O 5858	do.	C. F. Goodman.....	do.	65 94
O 5859	do.	W. J. Carmichael.....	do.	6 62
O 5860	do.	Thomas Bendlow.....	Lectures	100 00
O 5861	do.	F. N. Evans.....	do.	180 00
O 5862	do.	H. W. Peaslee.....	do.	225 00
O 5863	do.	H. P. Rusk.....	Traveling expenses.	13 66
O 5864	do.	W. H. Smith.....	do.	8 24
O 5865	do.	Chris C. Jensen.....	do.	1 55
O 5866	do.	Stephen Rogers.....	Field expenses	81 30
O 5867	do.	H. C. Lawson.....	Traveling expenses.	7 10
O 5868	do.	Earl Garver.....	do.	16 56
O 5969	do.	J. J. Ausen.....	do.	93
O 5870	do.	G. W. Beardsley.....	do.	1 75
O 5871	do.	Ed. Behling.....	do.	8 18
O 5872	do.	M. R. Carlson.....	do.	3 42
O 5873	do.	Baker & Co., Inc.....	Laboratory supplies	2 52
O 5874	do.	Taylor Hardware Co.....	Laboratory apparatus.	9 10
O 5875	do.	National Engraving Co.....	Engravings.	39 15
O 5876	do.	J. C. Thomas.....	Nails and hinges	1 00
O 5877	do.	Chas. A. Hall Hardware Co.....	Laboratory apparatus.	80
O 5878	do.	The Letter Shop.....	Clerical assistance.	17 85
O 5879	do.	Creamery Package Mfg. Co.....	Laboratory supplies.	20
O 5880	do.	Strauch Kodak Finishing Shop.....	Developing and printing.	1 40
O 5881	do.	Bausch & Lomb Optical Co.....	Laboratory apparatus.	6 36
O 5882	do.	D. H. Lloyd.....	Office supplies	2 25
O 5883	do.	Hunter, Rourke & Co.....	Fencing.	45 74
O 5884	do.	J. W. Butler Paper Co.....	Office supplies	2 96
O 5885	do.	C. W. Johnson.....	Apparatus	8 80
O 5886	do.	Electric Appliance Co.....	Laboratory supplies.	1 30
O 5887	do.	The Frederick Post Co.....	Blueprint paper	19 90
O 5888	do.	Indian Refining Co.....	Oil.	54 38
O 5889	do.	Pittsburgh Plate Glass Co.....	Glass.	12 90
O 5890	do.	Champaign Steam Laundry.....	Laundry.	18 94
O 5891	do.	Hunter, Rourke & Co.....	Furniture.	12 00
O 5892	do.	W. J. Boehm.....	Laboratory supplies.	22 50
O 5893	do.	G. E. Stechert & Co.....	Books	1 50
O 5894	do.	H. W. Johns-Manville Co.....	Heat and light supplies.	28 19
O 5895	do.	American Radiator Co.....	Valves	5 66
O 5896	do.	Scientific Materials Co.....	Laboratory supplies.	28 00
O 5897	do.	Eisner Grocery Co.....	Janitor's supplies.	3 75
O 5898	do.	T. J. Colvin.....	Laboratory supplies.	1 55
O 5899	do.	Hoskins Mfg. Co.....	do.	5 20
O 5900	do.	Naugatuck Mfg. Co.....	do.	24 99
O 5901	do.	Asa L. Shipman's Sons.....	Office supplies	7 92
O 5902	do.	Fairbanks, Morse & Co.....	Laboratory apparatus.	18 90
O 5903	do.	Brandywine Summit Kaolin & Feldspar Co.....	Laboratory supplies	6 00
O 5904	do.	American Hackney Horse Society.....	Recording.	6 00
O 5905	do.	C. G. Conn.....	Apparatus repair.	15 00
O 5906	do.	C. G. Cox.....	Traveling expenses.	40 11
O 5907	do.	L. C. Smith & Bros. Typewriter Co.....	Rents of typewriter	30 00
O 5908	do.	A. J. Nystrom & Co.....	Laboratory apparatus.	28 52

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914.				
O 5909	Feb. 14	Herrick & Stoltey	Traveling expenses.	\$ 1 00
O 5910	do	Engineering Record	Advertising	14 82
O 5911	do	Wade & Crang	Feeding stock	10 00
O 5912	do	Harpwell Laboratory	Laboratory apparatus	77 25
O 5913	do	Baker & Co., Inc.	Laboratory supplies	4 42
O 5914	do	Crosby Steam Gage & Valve Co.	do.	5 43
O 5915	do	D. J. Dobbins	Feeding stock	7 93
O 5916	do	Chicago Live Stock World	Forty copies magazine	5 20
O 5917	do	Standard Cap & Seal Co.	Dairy supplies	34 75
O 5918	do	Roessler & Hasslacher Chemical Co.	Laboratory supplies	33 70
O 5919	do	Fuller & Fuller Co.	do.	76 00
O 5920	do	Stipes & Hecker	do.	6 60
O 5921	do	McIntosh Stereopticon Co.	Laboratory apparatus	40 50
O 5922	do	W. J. Murdock Co.	do.	2 70
O 5923	do	William Gaertner & Co.	Apparatus repair	2 58
O 5924	do	English Brothers	Labor on building	27 90
O 5925	do	(Feeding stock) H. B. Richards	Feeding stock	32 00
O 5926	do	White Line Steam Laundry	Laundry	96 90
O 5927	do	Soft Water Laundry Co.	do.	7 89
O 5928	do	Crane Co.	Building supplies	15 00
O 5929	do	C. A. Denman	Painting	2 80
O 5930	do	Simplex Time Recorder Co.	Office equipment	121 25
O 5931	do	J. E. Maynard Co.	Electros.	4 00
O 5932	do	F. W. Woll	Books	4 10
O 5933	do	Albert E. Wuesteman	Furniture	4 50
O 5934	do	J. H. Robey	Traveling expenses	15 25
O 5935	do	National Engraving Co.	Etchings	11 65
O 5936	do	National Carbon Co.	Laboratory supplies	13 23
O 5937	do	Dixie Music House	Music supplies	19 50
O 5938	do	Sweet, Wallach & Co.	Blue printing	4 80
O 5939	do	Herbert & Huesgen Co.	do.	2 35
O 5940	do	Mining & Scientific Press	Books	3 00
O 5941	do	F. K. Robeson	Laboratory supplies	5 10
O 5942	do	Machinists Supply Co.	do.	11 56
O 5943	do	Caldwell Electric Co.	do.	7 17
O 5944	do	U. of I. Supply Store	Books and telegrams	8 79
O 5945	do	The Burr Co.	Laboratory supplies	13 35
O 5946	do	Flanigan-Pearson Co.	Printing	190 60
O 5947	do	Illinois State Reformatory	do.	41 65
O 5948	do	Urbana & Champaign Ry., Gas & Electric Co.	Building supplies	839 34
O 5949	do	E. H. Sargent & Co.	Laboratory supplies	27 35
O 5950	do	Louis B. Malecki & Co.	Military supplies	64 39
O 5951	do	Electric Coal Co.	Coal	6, 118 00
O 5952	do	John H. Doyle	Building repairs	16 50
O 5953	do	Western Electric Co.	Electric material	11 92
O 5954	do	Standard Oil Co.	Heating supplies	2 93
O 5955	do	Bacon Brothers	Dairy supplies	3 60
O 5956	do	A. H. Barber & Creamery Co.	Laboratory supplies	91 45
O 5957	do	Metzler & Schafer Co.	do.	2 50
O 5958	do	Cling-Surface Co.	Heating supplies	8 57
O 5959	do	H. C. Tunison	Books	3 00
O 5960	do	Tablet & Ticket Co.	Office supplies	1 06
O 5961	do	Corbin Cabinet Lock Co.	Building supplies	4 27
O 5962	do	General Electric Co.	Laboratory apparatus	39 00
O 5963	do	Galena Signal Oil Co.	Laboratory supplies	15 55
O 5964	do	Kilborn Photo-Paper Co.	Blue printing	1 77
O 5965	do	D. Appleton & Co.	Books	3 00
O 5966	do	Defender Photo Supply Co.	Blue printing	9 34
O 5967	do	A. T. Thompson & Co.	Laboratory apparatus	72 00
O 5968	do	James G. Biddle	Apparatus repairs	5 00
O 5969	do	E. I. duPont de Nemours Powder Co.	Laboratory supplies	3 69
O 5970	do	Standard Oil Co.	Heating supplies	3 80
O 5971	do	Twin City Roofing Co.	Electric supplies	7 52
O 5972	do	Warren Brush Co.	Janitor's supplies	25 20
O 5973	do	F. K. Robeson	Heating supplies	9 33
O 5974	do	Chas. A. Hall Hardware Co.	do.	4 70
O 5975	do	The Chester Transfer Co.	Traveling expense	17 00
O 5976	do	The Burr Co.	Laboratory apparatus	14 34
O 5977	do	John H. Doyle	Heating supplies	2 60
O 5978	do	Taylor Hardware Co.	Furniture repair	40
O 5979	do	D. H. Lloyd	Laboratory apparatus	15 00
O 5980	do	E. H. Sargent & Co.	do.	5 04
O 5981	Feb. 16	Eberhard Faber	Office supplies	113 60
O 5982	do	National Blank Book Co.	do.	14 85
O 5983	do	Western Carbon & Ribbon Co.	do.	15 54
O 5984	do	J. W. Butler Paper Co.	do.	19 75
O 5985	do	Weis Mfg. Co.	do.	1 04
O 5986	do	Stipes & Hecker	Building material	4 65

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914.				
O 5987	Feb. 16	J. W. Butler Paper Co.	Office supplies.	\$ 17 41
O 5988	do	Universal Sales Co.	do.	13 86
O 5989	do	Weiss Mfg. Co.	do.	4 50
O 5990	do	Keuffel & Esser Co. of New York.	do.	82 15
O 5991	do	Tablet & Ticket Co.	do.	13 88
O 5992	do	Chas. A. Hall Hardware Co.	Laboratory apparatus.	40 79
O 5993	do	Stipes & Hecker.	Fencing.	29 45
O 5994	do	R. W. Braithwaite.	Service veterinary.	11 00
O 5995	do	A. H. Barber Creamery Supply Co.	Laboratory apparatus.	18 36
O 5996	do	Irving-Pitt Mfg. Co.	Office Supplies.	4 72
O 5997	do	Peoples' Cooperative Co.	do.	1 35
O 5998	do	J. C. Thomas.	Laboratory apparatus.	1 50
O 5999	do	Champaign Steam Laundry	Laundry.	16 27
O 6000	do	J. T. Ryerson & Son.	Laboratory supplies.	71
O 6001	do	H. A. Harding.	Traveling expenses.	61 62
O 6002	do	Agricultural Experiment Station of the University of Wisconsin	Traveling expense and services.	160 08
O 6003	do	Twin City Roofing Co.	Building repairs.	7 50
O 6004	do	J. F. Wiley & J. M. Grove.	Traveling expense.	7 40
O 6005	do	H. A. Hollister.	Traveling expenses.	11 68
O 6006	do	E. H. Sargent & Co.	Laboratory apparatus.	116 30
O 6007	do	Frison Brothers	Furniture repairs.	1 35
O 6008	do	H. W. Johns-Manville Co.	Laboratory apparatus.	23 78
O 6009	do	Louis F. Nafis.	Laboratory supplies.	15 00
O 6010	do	J. McCarty.	Lecture and traveling expenses.	7 36
O 6011	do	W. B. Mills.	do.	16 25
O 6012	do	J. H. Martin.	do.	27 00
O 6013	do	G. C. Leopold.	do.	18 20
O 6014	do	H. P. Joy.	do.	17 22
O 6015	do	G. E. Hulting.	do.	13 20
O 6016	do	W. E. Holben.	do.	15 56
O 6017	do	A. A. Hill.	do.	14 16
O 6018	do	L. S. Griffith.	do.	16 60
O 6019	do	H. L. Eaton.	do.	16 80
O 6020	do	W. G. Griffith.	do.	16 60
O 6021	do	R. E. Hieronymous.	Traveling expenses.	24 41
O 6022	do	C. S. Slonneger.	Lecture and traveling expenses.	9 50
O 6023	do	A. E. Swan.	do.	13 50
O 6024	do	W. Rowe.	do.	13 70
O 6025	do	W. J. Rapp.	do.	15 74
O 6026	do	C. E. Durst.	Traveling expenses.	10 93
O 6027	do	H. A. Winter.	Lecture and traveling expenses.	9 74
O 6028	do	William Webb.	do.	19 25
O 6029	do	E. D. Walker.	do.	20 10
O 6030	Feb. 17	E. E. Hoskins.	Traveling expenses.	8 76
O 6031	do	Warner-Jenkinson Co.	Dairy supplies.	25 50
O 6032	do	Columbia Tool Steel Co.	Laboratory supplies.	1 93
O 6033	do	U. S. Reduction Co.	do.	39 33
O 6034	do	J. T. Ryerson & Son.	do.	42 41
O 6035	do	D. H. Burrell & Co.	Laboratory apparatus.	75 00
O 6036	do	Chester Horseshoeing Shop.	Field expenses.	10 50
O 6037	do	Twin City Ice & Cold Storage Co.	Laboratory supplies.	4 00
O 6038	do	Mallinckrodt Chemical Works.	do.	24 00
O 6039	do	D. H. Lloyde.	Office supplies.	1 08
O 6040	do	Twin City Roofing Co.	Building repairs.	5 85
O 6041	do	U. of I. Supply Store.	Office supplies.	1 35
O 6042	do	F. E. Boyd.	Live stock.	10 00
O 6043	do	Chris McIntire.	do.	8 00
O 6044	do	Mittendorf & Kiler.	Furniture.	27 69
O 6045	do	F. K. Robeson.	Oil cloth.	1 10
O 6046	do	Jno. B. Bennett.	Drains.	2 00
O 6047	do	J. W. Butler Paper Co.	Office supplies.	1 62
O 6048	do	R. W. McCready Cork Co.	Laboratory supplies.	8 34
O 6049	do	Van Camp Hardware & Iron Co.	Laboratory apparatus.	35 50
O 6050	do	Janney, Steinmetz & Co.	Laboratory supplies.	2 20
O 6051	do	Houghton & Richards.	do.	3 29
O 6052	Feb. 18	D. H. Lloyde.	Office supplies.	59 42
O 6053	do	Central Electric Co.	Electrical supplies.	38 75
O 6054	do	Twin City Printing Co.	Office supplies.	1 30
O 6055	do	W. Lewis & Co.	Dairy supplies.	2 50
O 6056	do	Flanigan-Pearson Co.	Building supplies.	6 25
O 6057	do	S. E. Huff & Co.	do.	27 75
O 6058	do	John H. Doyle.	Dairy supplies.	1 90
O 6059	do	Barnhart Brothers.	Building supplies.	1 15
O 6060	do	The Burr Co.	Machinery repairs.	7 67
O 6061	do	Watson Faulkner.	Dairy supplies.	2 97
O 6062	do	Taylor Hardware Co.	Building materials.	3 90
O 6063	do	A. C. McClurg & Co.	Office supplies.	8 58
O 6064	do	U. of I. Supply Store.	do.	3 29

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 6065	Feb. 18	Bacon Brothers.....	Building supplies.....	\$ 1 60
O 6066	do.	Standard Oil Co.....	Oil and gasoline.....	8 20
O 6067	do.	B. A. Strauch.....	Negatives.....	24 00
O 6068	do.	E. H. Sargent & Co.....	Laboratory apparatus.....	56 84
O 6069	do.	The Chester Transfer Co.....	Drayage on milk.....	36 33
O 6070	do.	Woldenberg & Schaar.....	Laboratory supplies.....	40 85
O 6071	do.	Electric Coal Co.....	Coal.....	78 93
O 6072	do.	Keuffel & Esser Co. of New York.....	Laboratory apparatus.....	14 15
O 6073	do.	Leavitt Mfg. Co.....	Building material.....	3 60
O 6074	do.	The Gym Store.....	Laboratory apparatus.....	7 00
O 6075	do.	Champaign Steam Laundry.....	Laundry.....	10 84
O 6076	do.	J. E. Webb.....	Negative.....	1 00
O 6077	do.	A. E. Wuesteman.....	Wall clock.....	4 50
O 6078	do.	Miller Harness Co.....	Furniture.....	3 75
O 6079	do.	H. Swannell & Son.....	Laboratory supplies.....	6 40
O 6080	do.	Alexander Lumber Co.....	do.....	8 00
O 6081	do.	Creamery Package Mfg. Co.....	Dairy supplies.....	2 80
O 6082	do.	T. J. Colvin.....	Feeding stock.....	2 00
O 6083	do.	B. Heller & Co.....	Dairy supplies.....	8 35
O 6084	do.	J. C. Thomas.....	Building supplies.....	1 42
O 6085	do.	Central Scientific Co.....	Laboratory supplies.....	1 39
O 6086	do.	National Carbon Co.....	do.....	2 86
O 6087	do.	James G. Biddle.....	Laboratory apparatus.....	5 25
O 6088	do.	Chicago Engineer Supply Co.....	Machinery and supplies.....	88 00
O 6089	do.	American Steam Pump Co.....	Machinery repairs.....	50 87
O 6090	do.	McMaster-Carr Supply Co.....	do.....	138 75
O 6091	do.	Geo. B. Carpenter & Co.....	Heating supplies.....	24 91
O 6092	do.	Sweet Wallach & Co.....	Blue printing.....	6 75
O 6093	do.	J. W. Butler Paper Co.....	Office supplies.....	13 25
O 6094	do.	Wabash R. R. Co.....	Freight.....	3 42
O 6095	do.	Illinois Central R. R. Co.....	do.....	3 12
O 6096	do.	Cleveland, Cincinnati, Chicago & St. Louis Ry. Co.....	do.....	21 21
O 6097	do.	Wabash R. R.....	do.....	38 76
O 6098	do.	Flanigan-Pearson Co.....	Printing.....	1,909 24
O 6099	do.	The Letter Shop.....	Clerical work.....	13 55
O 6100	do.	Remington Typewriter Co.....	Office repairs.....	3 50
O 6101	do.	Flanigan-Pearson Co.....	Printing.....	634 45
O 6102	do.	Sheldon Brick Co.....	Building repairs.....	16 00
O 6103	do.	General Chemical Co.....	Laboratory supplies.....	189 06
O 6104	do.	Harbison-Walker Refractories Co.....	do.....	4 13
O 6105	do.	Keystone Electrical Instrument Co.....	Apparatus repairs.....	42 00
O 6106	do.	Montgomery & Co.....	Laboratory apparatus.....	9 97
O 6107	do.	International Acheson Graphite Co.....	Laboratory supplies.....	3 34
O 6108	do.	Mrs. Melville F. Johnston.....	Exhibit expenses.....	167 34
O 6109	do.	C. M. Wirick.....	Traveling expenses.....	17 28
O 6110	do.	Gulick Tailoring Co.....	Dairy supplies.....	16 65
O 6111	do.	Champaign Mattress Co.....	Apparatus repairs.....	18 00
O 6112	do.	Illinois State Reformatory.....	Office supplies.....	9 20
O 6113	do.	Bacon Brothers.....	Engineering supplies.....	3 60
O 6114	do.	Winsor & Newton Ltd.....	Laboratory supplies.....	3 15
O 6115	do.	J. R. Wells.....	Traveling expenses.....	17 17
O 6116	do.	Fred J. Blackburn.....	do.....	14 32
O 6117	do.	W. B. Mills.....	Lectures.....	150 00
O 6118	do.	James E. Wooters.....	do.....	60 00
O 6119	do.	J. P. Robards.....	Lecture and traveling expenses.....	18 86
O 6120	do.	W. E. Johns.....	Traveling expenses.....	14 91
O 6121	do.	G. W. Brown.....	Lectures.....	25 00
O 6122	Feb. 19	O. S. Watkins.....	Traveling expenses.....	29 46
O 6123	do.	B. S. Pickett.....	do.....	8 90
O 6124	do.	Commercial Telephone & Telegraph Co.....	Rent of telephone.....	4 40
O 6125	do.	O. E. Staples, Bursar.....	Express bills paid.....	48 27
O 6126	do.	O. E. Staples, Bursar.....	Student labor.....	384 65
O 6127	do.	O. E. Staples, Bursar.....	do.....	581 58
O 6128	do.	O. E. Staples, Bursar.....	General labor.....	230 29
O 6129	do.	Flanigan-Pearson Co.....	Printing.....	160 52
O 6130	do.	S. E. Huff & Co.....	General supplies.....	5 20
O 6131	do.	Green Street Pharmacy.....	do.....	7 00
O 6132	do.	C. A. Denman.....	Building repairs.....	37 70
O 6133	do.	Dallenbach Brothers.....	General supplies.....	92 01
O 6134	do.	G. C. Willis.....	Laboratory supplies.....	4 78
O 6135	do.	American Steel & Wire Co.....	Fencing.....	118 40
O 6136	do.	Mittendorf & Kiler.....	Furniture.....	6 20
O 6137	do.	John H. Doyle.....	Laboratory apparatus.....	1 50
O 6138	do.	C. S. Meek.....	Lectures.....	35 00
O 6139	do.	Tablet & Ticket Co.....	Office supplies.....	2 03
O 6140	do.	Alexander Lumber Co.....	General supplies.....	8 50
O 6141	do.	J. W. Herriott.....	Live stock.....	7 00
O 6142	do.	Pollock Grain Co.....	Feeding stock.....	188 07

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 6143	Feb. 19	S. E. Dillavou	Feeding machine	\$ 21 00
O 6144	..do.	Metzler & Schafer Co.	Laboratory supplies	82 76
O 6145	..do.	Twin City Ice & Cold Storage Co.	..do.	12 00
O 6146	..do.	Champaign Seed Co.	..do.	1 40
O 6147	..do.	U. of I. Supply Store	Furniture	4 28
O 6148	..do.	White Poultry Farm	General supplies	25 83
O 6149	..do.	Twin City Creamery	..do.	40 34
O 6150	..do.	Farrar & Quinlan	..do.	62 26
O 6151	..do.	J. S. Reimund	General expense	31 95
O 6152	..do.	Smith & Co.	General supplies	45 00
O 6153	..do.	P. S. Campbell	Printing	43 75
O 6154	..do.	A. C. McClurg & Co.	Books	5 15
O 6155	..do.	Chicago Packing House	Cafeteria supplies	84 39
O 6156	..do.	Whitall-Tatum Co.	Laboratory supplies	26 90
O 6157	..do.	J. H. Percival	Feeding stock	120 36
O 6158	..do.	Western Electric Co.	Office expense	5 00
O 6159	..do.	Miller Harness Co.	Machinery repairs	1 75
O 6160	..do.	Walker & Mulliken	Furniture	5 50
O 6161	..do.	Laboratory supplies	Laboratory supplies	4 80
O 6162	..do.	The Daily Illini	Advertising	3 00
O 6163	..do.	Wm. Sweatman	Field expense	190 40
O 6164	..do.	J. E. Whitechurch	Traveling expenses	16 91
O 6165	..do.	J. B. Andrews	..do.	27 08
O 6166	..do.	P. Campbell	Service	60 00
O 6167	..do.	Stipes, & Hecker	Laboratory supplies	29 95
O 6168	..do.	J. D. McHose	Contract	200 00
O 6169	..do.	Pay roll (Addendum)	February, 1914	420 83
		Kaiser, J. B.	Salary, February, 1914.	\$150 00
		Moore, C. R.	..do.	97 50
		Rich, P. C.	..do.	20 00
		Waddell, Mary L.	..do.	70 00
		Weeter, Harry M.	..do.	83 33
O 6170	Feb. 21	O. E. Staples, Bursar	Student labor	316 62
O 6171	..do.	O. E. Staples, Bursar	..do.	91 77
O 6172	..do.	O. E. Staples, Bursar	General labor	246 70
O 6173	..do.	O. E. Staples, Bursar	..do.	223 93
O 6174	..do.	O. E. Staples, Bursar	Express bills paid	25 51
O 6175	..do.	O. E. Staples, Bursar	Sundry bills paid	10 57
O 6176	..do.	J. C. Thomas	Laboratory supplies	4 25
O 6177	..do.	G. E. Stechert & Co.	Books	12 90
O 6178	..do.	E. H. Sargent & Co.	Laboratory supplies	18 70
O 6179	..do.	P. S. Campbell	Printing	13 00
O 6180	..do.	The Letter Shop	Clerical work	8 80
O 6181	..do.	John H. Doyle	Building repairs	3 40
O 6182	..do.	Bacon Brothers	Building supplies	4 90
O 6183	..do.	F. K. Robeson	General supplies	26 28
O 6184	..do.	S. E. Huff & Co.	Furniture repairs	15 65
O 6185	..do.	Barnhart Brothers	Laboratory supplies	5 04
O 6186	..do.	John H. Doyle	..do.	19 65
O 6187	..do.	F. A. Pearson	Traveling expenses	30 18
O 6188	..do.	W. A. Ruth	..do.	23 25
O 6189	..do.	R. R. Donnelley & Son Co.	Printing	144 50
O 6190	..do.	Morrill & Morley Mfg. Co.	Machinery	106 49
O 6191	..do.	Caldwell Electric Co.	Furniture	17 00
O 6192	..do.	Chas. A. Hall Hardware Co.	Apparatus and supplies	20 23
O 6193	..do.	W. S. Perrine	Field expense	197 75
O 6194	..do.	B. A. Strauch	Lantern slides	20 55
O 6195	..do.	The Burr Co.	General supplies	3 88
O 6196	..do.	Twin City Ice & Cold Storage Co.	..do.	8 00
O 6197	..do.	The Western Electric Co.	Electrical supplies	19 77
O 6198	..do.	Standard Oil Co.	Oil	40
O 6199	..do.	Thurman Vacuum Cleaner Co.	Office equipment	9 45
O 6200	..do.	Guide Publishing Co.	Books	2 00
O 6201	..do.	Bausch & Lomb Optical Co.	Apparatus repairs	6 71
O 6202	..do.	F. A. Hawley	Building material	5 20
O 6203	..do.	S. E. Huff & Co.	General supplies	1 50
O 6204	..do.	F. K. Robeson	Laboratory supplies	4 20
O 6205	..do.	Champaign Steam Laundry	Laundry	1 09
O 6206	..do.	W. E. Johns, Business Manager, 1914, Illio	Books	106 25
O 6207	..do.	Walker & Mulliken	Furniture repair	2 50
O 6208	..do.	Brown Corporation	Apparatus repair	4 33
O 6209	..do.	Federal Sign System	Electrical supplies	5 29
O 6210	..do.	Central Electric Co.	..do.	105 23
O 6211	..do.	Jas. H. Rice Co.	Building material	6 19
O 6212	..do.	W. D. Allen Mfg. Co.	Tools	9 70
O 6213	..do.	Barnhart Brothers	General supplies	1 30
O 6214	..do.	Charles H. Besly & Co.	Laboratory supplies	20 56
O 6215	..do.	Associated Architects Printing & Supply Co.	General supplies	14 88



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 6216	Feb. 21	Jos. Breck & Sons, Corp.	Laboratory apparatus.	\$ 4 76
O 6217	do.	University of Missouri.	Live stock.	200 00
O 6218	do.	Foster M. Johns, M. D.	Laboratory apparatus.	9 00
O 6219	do.	Illinois State Reformatory.	Printing.	13 50
O 6220	do.	Albert E. Wuesteman.	Furniture.	9 00
O 6221	do.	Flanigan-Pearson Co.	Printing.	6 25
O 6222	do.	Twin City Printing Co.	Office supplies.	20
O 6223	do.	C. G. Conn, Ltd.	Apparatus and repairs.	36 71
O 6224	do.	William Webb.	Lectures.	40 00
O 6225	do.	W. E. Prichard.	do.	25 00
O 6226	do.	Miss Elizabeth Sprague.	do.	10 00
O 6227	do.	Frank I. Mann.	do.	25 00
O 6228	do.	F. L. Stevens.	Traveling expenses.	18 32
O 6229	do.	Sheldon Brick Co.	General supplies.	8 10
O 6230	do.	Pillsbury Flour Mills Co.	Feeding stock.	235 00
O 6231	do.	Alfred Gunderson.	Traveling expenses.	18 30
O 6232	do.	B. S. Prickett.	do.	14 15
O 6233	do.	J. A. Drew.	do.	5 21
O 6234	do.	O. S. Watkins.	do.	13 59
O 6235	do.	John J. Stafford & Son.	do.	10 00
O 6236	do.	Professor I. O. Baker.	do.	16 04
O 6237	do.	Clapp-Eastham.	Laboratory apparatus.	84 60
O 6238	Feb. 23	Charles H. Besly & Co.	Laboratory supplies.	15 77
O 6239	do.	Underwood Typewriter Co.	Office equipment.	32 00
O 6240	do.	L. W. Faulkner.	Laboratory apparatus.	8 00
O 6241	do.	Twin City Roofing Co.	Laboratory supplies.	3 84
O 6242	do.	John Wiley & Sons, Inc.	Books.	3 82
O 6243	do.	Tablet & Ticket Co.	Office supplies.	3 50
O 6244	do.	Wayne Dinsmore, Secretary, Percheron Society of America.	Registering.	9 00
O 6245	do.	Flanigan-Pearson Co.	Printing.	83 00
O 6246	do.	G. E. Amsbury Co.	Laboratory supplies.	1 05
O 6247	do.	National Biscuit Co.	Cafeteria supplies.	3 42
O 6248	do.	Green Street Pharmacy.	Laboratory supplies.	3 00
O 6249	do.	Hall Lumber Co.	Field expense.	3 45
O 6250	do.	C. O. Taylor.	Feeding stock.	17 75
O 6251	do.	Beckley-Cardy Co.	Building repairs.	1 50
O 6252	do.	E. H. Sargent & Co.	Laboratory supplies.	40 68
O 6253	do.	Western Bank Note & Engraving Co.	Printing.	760 00
O 6254	do.	Crane Co.	Laboratory supplies.	36 90
O 6255	do.	Ludlow Valve Mfg. Co.	do.	75 49
O 6256	do.	J. T. Ryerson & Son.	do.	1 60
O 6257	do.	W. W. Walls & Co.	do.	7 00
O 6258	do.	Westinghouse Electric & Mfg. Co.	do.	5 83
O 6259	do.	Albert E. Wuestman.	do.	5 50
O 6260	do.	Frederick Post Co.	do.	4 70
O 6261	do.	Jas. H. Rice Co.	Building supplies.	1 46
O 6262	do.	John D. Bangs & Co.	Laboratory apparatus.	2 25
O 6263	do.	F. M. Leslie.	Furniture.	16 00
O 6264	do.	Indian Refining Co.	Oil.	2 00
O 6265	do.	The Linden Co.	Building material.	20 00
O 6266	do.	Eagle Sheet Metal Works.	do.	28 00
O 6267	do.	Walker & Mulliken.	General supplies.	2 95
O 6268	do.	McIntosh Stereoptican Co.	Laboratory apparatus.	48 93
O 6269	do.	Maher & Grosh Cutlery Co.	do.	2 40
O 6270	do.	Alfred Rehder.	Prints.	1 28
O 6271	do.	Miller Harness Co.	Stable blankets.	3 50
O 6272	do.	Henry A. Dreer, Inc.	Seed supplies.	6 67
O 6273	do.	The Lumiere Joula Co.	General supplies.	20 80
O 6274	do.	Albert Pick & Co.	Laboratory supplies.	4 65
O 6275	do.	D. T. Dobbins.	Feeding stock.	3 71
O 6276	do.	Mittendorf & Kiler.	Building material.	10 00
O 6277	do.	Champaign Steam Laundry.	Laundry.	58 40
O 6278	do.	R. W. Braithwaite.	Service.	1 00
O 6279	do.	Soft Water Laundry Co.	Laundry.	9 54
O 6280	do.	Royal A. Stipes.	Building repairs.	29 88
O 6281	do.	Underwood Typewriter Co.	Office equipment.	32 00
O 6282	do.	F. S. Campbell.	Printing.	14 75
O 6283	do.	J. F. Wiley.	Traveling expenses.	2 00
O 6284	do.	H. H. Edmunds.	do.	3 17
O 6285	do.	H. A. Hollister.	do.	23 86
O 6286	do.	Burgmeier Book Bindery.	Binding.	4 70
O 6287	do.	E. Leitz.	Apparatus repairs.	1 64
O 6288	do.	Henry E. Legler.	Lecture and traveling expenses.	38 14
O 6289	do.	The Letter Shop.	Clerical assistance.	6 00
O 6290	do.	J. H. Checkley.	Traveling expenses.	15 00
O 6291	do.	Mrs. Fred Hatch.	do.	18 80
O 6292	do.	W. M. Davis.	Labor.	7 00
O 6293	do.	Alfred J. Gunderson.	Traveling expenses.	15 38

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 6294	Feb. 23	Ernst Hertzberg & Sons.....	Binding.....	\$ 302 57
O 6295	..do..	Library of Congress.....	Photostatic supplies.....	300 00
O 6296	..do..	Central Union Telephone Co.....	Telephone service.....	29 55
O 6297	..do..	Western Union Telegraph Co.....	Telegrams.....	6 00
O 6298	..do..	Postal Telegraph Cable Co.....	..do..	2 85
O 6299	..do..	Western Union Telegraph Co.....	..do..	15 47
O 6300	..do..	Breeders' Gazette.....	Registers.....	5 00
O 6301	..do..	D. T. Dobbins.....	Feeding stock.....	3 73
O 6302	..do..	E. H. Sargent & Co.....	General supplies.....	6 70
O 6303	..do..	Johnston Tin Foil & Metal Co.....	Laboratory supplies.....	6 25
O 6304	..do..	Derrough & Co.....	Furniture.....	1 50
O 6305	..do..	Machinists Supply Co.....	Laboratory supplies.....	10 31
O 6306	..do..	General Electric Co.....	Apparatus repairs.....	9 63
O 6307	..do..	A. L. A. Publishing Board.....	Catalog cards.....	8 35
O 6308	Feb. 25	D. H. Lloyd.....	General supplies.....	1 08
O 6309	..do..	Caldwell Electric Co.....	..do..	5 00
O 6310	..do..	Tablet & Ticket Co.....	Office supplies.....	2 80
O 6311	..do..	Osgood Co.....	Printing.....	56 77
O 6312	..do..	Leavitt Mfg. Co.....	Laboratory supplies.....	2 19
O 6313	..do..	Weston Electrical Instrument Co.....	Laboratory apparatus.....	25 08
O 6314	..do..	Paul O. Abbe.....	..do..	48 75
O 6315	..do..	Taylor Hardware Co.....	Laboratory supplies.....	200 25
O 6316	..do..	Flaingan-Pearson Co.....	Printing supplies.....	6 45
O 6317	..do..	G. W. Sheldon & Co.....	Furniture expesne.....	25 66
O 6318	Feb. 24	Pay roll.....	February, 1914.....	11,520 56
		Schultze, S. George.....	Salary, February, 1914.....	\$ 35 00
		Burmeister, W. H.....	..do..	166 66
		Dreyer, G. P.....	..do..	333 32
		Eycleshymer, A. C.....	..do..	416 66
		Fantus, Bernard.....	..do..	166 66
		Gardner, Stella.....	..do..	83 33
		Gehrman, Adolph.....	..do..	66 66
		Hakenson, Eric G.....	..do..	30 00
		Haskell, J. E.....	..do..	50 00
		Jones, T. S.....	..do..	108 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
		Small, J. C. (Student).....	..do..	50 00
		Welker, W. H.....	..do..	208 33
		Bartlett, Dr. Frank Kaiser.....	..do..	180 00
		Siegbahn, Nils.....	..do..	60 00
		Gaffney, Carl O.....	..do..	65 00
		Davis, D. J.....	..do..	416 66
		Falls, Frederick H.....	..do..	50 00
		Bake, L. E.....	..do..	66 66
		Bernard, F. S.....	..do..	40 00
		Collidge, E. D.....	..do..	83 33
		Dittmar, Walter.....	..do..	99 99
		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, Dr. V. H.....	..do..	50 00
		Noyes, F. B.....	..do..	83 33
		Schultz, Louis.....	..do..	33 33
		Starr, S. P.....	..do..	66 66
		Atkinson, O. G.....	Wages, February, 1914.....	47 50
		Brown, C. F.....	..do..	50 00
		Brown, E. J.....	..do..	45 00
		Broyles, W. H.....	..do..	47 50
		Coffey, J. H.....	..do..	50 00
		Dale, Fred.....	..do..	50 00
		Engle, Lawrence.....	..do..	25 00
		Grabbe, Florence H.....	..do..	50 00
		Ham, Raymond.....	..do..	47 00
		Hamm, Charles.....	..do..	47 50
		Hamlin, Clyde.....	..do..	60 00
		Hamlin, Hiram.....	..do..	50 00
		Heath, William.....	..do..	50 00
		Herbert, J. J.....	..do..	85 00
		Jensen, George.....	Wages, March 3, 1914.....	47 50
		Love, Clifford B.....	..do..	45 00
		Lowery, Kathryn.....	Wages, March 2, 1914.....	50 00
		McQueen, H. D.....	..do..	50 00
		Marshall, Samuel A.....	..do..	45 00
		Mink, George.....	..do..	47 50

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 6318 Ctd.	1914. Feb. 24	Mink, J. D. ....	Wages, February, 1914. \$	50 00
		Miller, W. W. ....	do. ....	75 00
		Nesbit, Lawrence. ....	do. ....	50 00
		Pergande, Charles J. ....	do. ....	45 00
		Peterson, A. C. ....	do. ....	47 50
		Proesel, William. ....	do. ....	50 00
		Sanders, Frank. ....	do. ....	50 00
		Shaffer, Guy. ....	do. ....	50 00
		Shipman, Cash. ....	do. ....	47 50
		Stivers, M. F. ....	do. ....	50 00
		Healan, Louise B. ....	do. ....	50 00
		Klena, Joseph. ....	do. ....	70 00
		Schultz, Harry. ....	do. ....	35 00
		Badel, Nathan. ....	do. ....	50 00
		Tomek, Gertrude. ....	do. ....	60 00
		Josef, George. ....	do. ....	50 00
		Burns, James. ....	do. ....	38 35
		David, Simon. ....	do. ....	50 00
		George, Ella. ....	do. ....	50 00
		Kastanos, John. ....	do. ....	50 00
		Kelley, W. C. ....	do. ....	71 50
		Kolan, John. ....	do. ....	70 00
		Watson, Ethel Eva. ....	do. ....	50 00
		Mirsa, Harry. ....	do. ....	50 00
		Arneson, Mabel. ....	do. ....	75 00
		Browne, W. H. ....	do. ....	250 00
		Cole, H. W. ....	do. ....	100 00
		Coles, B. D. ....	do. ....	50 00
		Froberg, Eric. ....	do. ....	75 00
		Hwasser, Anna Julia. ....	do. ....	50 00
		Randall, Frank M. ....	do. ....	50 00
		Southwell, James. ....	do. ....	115 00
		Tomlinson, J. S. ....	do. ....	125 00
		Allen, Josephine. ....	do. ....	55 00
		Bolan, Anna R. ....	do. ....	60 00
		David, Eshoo. ....	do. ....	50 00
		Loomis, Metta. ....	do. ....	75 00
		Gubbins, Maud. ....	do. ....	60 00
		David, Paul. ....	do. ....	50 00
		David, Eshoo. ....	Balance of wages, Sep-	
			tember-December,	
			1913. ....	20 00
		David Paul. ....	do. ....	20 00
		Hiskey, George M. ....	Wages, February, 1914. ....	45 00
		Argo, Roy. ....	do. ....	55 00
		Barto, Lucy M. ....	do. ....	20 00
		Chaplin, Ralph. ....	do. ....	60 00
		Conley, M. J. ....	do. ....	75 00
		Cook, Jesse. ....	do. ....	55 00
		Crawford, T. P. ....	do. ....	50 00
		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. E. ....	do. ....	15 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
		Swearingen, Daisy O. ....	do. ....	50 00
		Anderson, J. C. ....	do. ....	70 00
		Clarke, Ethel. ....	do. ....	35 00
		Diekmon, T. W. ....	do. ....	65 00
		Engle, Ralph. ....	do. ....	30 00
		Frank, W. L. ....	do. ....	14 93
		Johns, W. E. ....	do. ....	37 50
		Kircher, O. B. ....	do. ....	39 20
		Lee, W. H. ....	do. ....	50 00
		Smith, M. J. ....	do. ....	35 36
		Stoutzenberg, Florence. ....	do. ....	25 00
		Warinner, C. W. ....	do. ....	21 00
		Andrews, J. B. ....	do. ....	50 00
		Ausen, Julius. ....	do. ....	55 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914.				
O 6318	Feb. 24	Badger, C. J. ....	Wages, February, 1914. \$ 40 00	
<i>Ctd.</i>		Beardsley, G. W. ....	do. ....	60 00
		Behling, Edwin ....	do. ....	55 00
		Bennett, W. L. ....	do. ....	70 00
		Blackburn, Fred ....	do. ....	50 00
		Bunch, Mamie ....	do. ....	45 00
		Burdick, I. F. ....	do. ....	75 00
		Campbell, C. A. ....	do. ....	65 00
		Carlson, M. R. ....	do. ....	60 00
		Cate, H. A. ....	do. ....	70 00
		Chapman, C. C. ....	do. ....	100 00
		Crouch, H. E. ....	do. ....	115 00
		DeWerff, H. A. ....	do. ....	32 50
		Dunlap, B. H. ....	do. ....	60 00
		Engle, W. J. ....	do. ....	70 00
		Garver, Earl ....	do. ....	65 00
		Geist, H. F. ....	do. ....	52 50
		Grantham, G. M. ....	do. ....	30 00
		Harry, W. L. ....	do. ....	100 00
		Hunter, L. A. ....	do. ....	75 00
		Jensen, C. C. ....	do. ....	55 00
		Jones, Garfield ....	do. ....	65 00
		Lankford, John ....	do. ....	60 00
		Lawson, H. C. ....	do. ....	60 00
		Ouimette, N. H. ....	do. ....	55 00
		Palsey, I. ....	do. ....	55 00
		Palfrey, J. R. ....	do. ....	75 00
		Pine, Fred ....	do. ....	75 00
		Reed, Alice ....	do. ....	55 00
		Sims, Flora M. ....	do. ....	83 33
		Smith, J. F. ....	do. ....	70 00
		Stark, R. W. ....	do. ....	75 00
		Torgerson, E. F. ....	do. ....	30 00
		Tornquest, Andrew ....	do. ....	75 00
		Walters, Philip ....	do. ....	75 00
O 6319	Feb. 25	C. C. C. & St. L. Ry.	Prepaid freight.	\$ 2 23
O 6320	do. ....	Illinois Traction System.	do. ....	34 82
O 6321	do. ....	C. C. C. & St. L. Ry. Co.	do. ....	31 67
O 6322	do. ....	Wabash R. R. ....	do. ....	152 19
O 6323	do. ....	Illinois Central R. R. Co.	do. ....	6 12
O 6324	do. ....	Neostyle Co. ....	Office supplies	5 84
O 6325	do. ....	Louis Melind Co. ....	do. ....	1 41
O 6326	do. ....	Wm. Lewis & Son ....	Musical instrument.	30 57
O 6327	do. ....	Universal Sales Co. ....	Office supplies	1 55
O 6328	do. ....	New Era Printing Co. ....	Printing	8 00
O 6329	do. ....	J. W. Butler Paper Co.	Office supplies	25 75
O 6330	do. ....	Western Carbon & Ribbon Co.	do. ....	4 44
O 6331	do. ....	Keuffel & Esser Co. of New York.	do. ....	12 30
O 6332	do. ....	United States Blue Print Paper Co.	do. ....	9 29
O 6333	do. ....	R. E. Hieronymous ....	Lectures	250 00
O 6334	do. ....	William Sullivan ....	Rents	400 00
O 6335	do. ....	George Burnap ....	Laboratory apparatus.	156 00
O 6336	do. ....	G. E. Stechert & Co. ....	Books	3 75
O 6337	do. ....	Illinois State Reformatory	Printing	40 25
O 6338	do. ....	Ward's Natural Science Establishment.	Laboratory supplies.	3 81
O 6339	do. ....	The Letter Shop ....	Clerical assistance.	4 40
O 6340	do. ....	D. H. Lloyde ....	Books	10 35
O 6341	do. ....	The Burr Co. ....	Laboratory supplies	4 70
O 6342	do. ....	Pownser's Book Store ....	Books	7 50
O 6343	do. ....	Bates Mfg. Co. ....	Office equipment.	1 94
O 5344	do. ....	Percival & Moorehead ....	Apparatus	7 00
O 6345	do. ....	D. T. Dobbins ....	Feeding stock	3 64
O 6346	do. ....	C. C. C. & St. L. Ry. Co.	Field expense	7 82
O 6347	do. ....	Weiss Mfg. Co. ....	Office supplies	1 27
O 6348	do. ....	J. M. Lindgren ....	Expense service	91 00
O 6349	do. ....	S. O. Andros ....	Traveling expense	5 95
O 6350	do. ....	J. W. Butler Paper Co.	Office supplies	17 98
O 6351	do. ....	J. W. Butler Paper Co.	do. ....	21 36
O 6352	do. ....	John H. Doyle ....	Laboratory apparatus	3 70
O 6353	do. ....	Adams Express Co. ....	Field expense	14 34
O 6354	do. ....	The Bristol Co. ....	Apparatus repair.	23 96
O 6355	do. ....	Tablet & Ticket Co. ....	Office supplies	10 90
O 6356	do. ....	Eugene Dietzgen Co. ....	Laboratory supplies	63 06
O 6357	do. ....	Osgood Co. ....	Printing	10 74
O 6358	do. ....	National Engraving Co. ....	do. ....	16 50
O 6359	do. ....	Carnegie Steel Co. ....	Books	1 00
O 6360	do. ....	Herman Bacharach ....	Laboratory supplies	18 00
O 6361	do. ....	Stromberg Electric Co.	Office equipment	50 00
O 6362	do. ....	Elmer D. Smith & Co.	Chrysanthemums	2 95

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 6363	Feb. 25	Henry Runtz Paper Box & Novelty Co.	Laboratory supplies.....	\$ 7 50
O 6364	.do.	Library Bureau.....	Office supplies.....	49 90
O 6365	.do.	Taylor Hardware Co.....	Laboratory apparatus.....	36 12
O 6366	.do.	Chas. A. Hall Hardware Co.....	General supplies.....	19 10
O 6367	.do.	The Burr Co.....	.do.....	85
O 6368	.do.	S. E. Huff & Co.....	Building repairs.....	14 05
O 6369	.do.	Green Street Pharmacy.....	General supplies.....	5 55
O 6370	.do.	Williams Brothers.....	.do.....	2 25
O 6371	.do.	Miller Harness Co.....	Building repairs.....	11 50
O 3672	.do.	D. H. Loyde.....	Office supplies.....	10
O 6373	.do.	J. Horace McFarland Co.....	General supplies.....	62 65
O 6374	.do.	Lindsey Reese.....	Lecture.....	30 00
O 6375	.do.	H. G. May.....	Apparatus repairs.....	6 50
O 6376	.do.	Underwood Typewriter Co.....	Office equipment.....	32 00
O 6377	.do.	Standard Cap & Seal Co.....	Rents.....	4 50
O 6378	.do.	University of Wisconsin.....	Books.....	94
O 6379	.do.	Shavings & Sawdust Co.....	Feeding stock.....	73 61
O 6380	.do.	American Multigraph Sales Co.....	Office supplies.....	1 30
O 6381	.do.	Twin City Coal & Coke Co.....	General supplies.....	18 00
O 6382	.do.	Alexander Lumber Co.....	Building repairs.....	3 12
O 6383	.do.	E. W. Sampson.....	General supplies.....	1 25
O 6384	.do.	Louis Ely & Co.....	Building repairs.....	1 50
O 6385	.do.	D. H. Burrell & Co.....	Farm machinery.....	37 50
O 6386	.do.	Harry Cox.....	.do.....	15 00
O 6387	.do.	Chas. F. Witt Estate.....	.do.....	2 50
O 6388	.do.	Eimer & Amend.....	Laboratory supplies.....	5 07
O 6389	.do.	Eisner Grocery Co.....	Feeding stock.....	6 50
O 6390	.do.	Mills Novelty Co.....	Laboratory apparatus.....	12 00
O 6391	.do.	Library of Congress.....	Catalog cards.....	75 00
O 6392	.do.	P. L. Windsor.....	Traveling expenses.....	9 14
O 6393	.do.	F. E. Rusher.....	.do.....	15 19
O 6394	.do.	H. E. Codlin.....	Expense service.....	37 00
O 6395	.do.	Barnhart Bros.....	Laboratory apparatus.....	9 10
O 6396	.do.	The Burr Co.....	.do.....	24 14
O 6397	.do.	Ernst Hertzberg & Sons.....	Books.....	3 75
O 6398	Feb. 27	Central Electric Co.....	Electrical supplies.....	129 51
O 6399	.do.	D. H. Loyde.....	General supplies.....	18 06
O 6400	.do.	Twin City Roofing Co.....	Roofing.....	5 85
O 6401	.do.	The Burr Co.....	General supplies.....	12 14
O 6402	.do.	Taylor Hardware Co.....	.do.....	8 59
O 6403	.do.	Eisner Grocery Co.....	Cafeteria supplies.....	65 59
O 6404	.do.	Twin City Printing Co.....	Printing.....	105 40
O 6405	.do.	The Bauer Brothers Co.....	Machinery repairs.....	70
O 6406	.do.	F. B. Judge, Superintendent Timber Preservation.....	Postage.....	1 04
O 6407	.do.	Charles H. Besley.....	Laboratory supplies.....	72
O 6408	.do.	Eugene Dietzgen Co.....	.do.....	9 45
O 6409	.do.	Jahn & Ollier Engraving Co.....	Printing.....	4 20
O 6410	.do.	Wilsen-Maeulen Co.....	Laboratory supplies.....	7 72
O 6411	.do.	Marshall Field & Co. (Retail).....	Furniture and fixtures.....	43 69
O 6412	.do.	Ernst Hertzberg & Sons.....	Books.....	12 29
O 6413	.do.	J. F. Webster & Co.....	Laboratory supplies.....	4 45
O 6414	.do.	Metzler & Schafer Co.....	.do.....	3 82
O 6415	.do.	Samuel H. Ranck, Librarian.....	Laboratory apparatus.....	75
O 6416	.do.	Burke & James, Inc.....	Office equipment.....	2 50
O 6417	.do.	R. C. Wagner & Son.....	Labor.....	50 00
O 6418	.do.	The Chas. A. Hall Hardware Co.....	Machinery repairs.....	4 00
O 6419	.do.	E. S. Dodson, Florist.....	Laboratory supplies.....	2 25
O 6420	.do.	Flanigan-Pearson Co.....	Printing.....	15 50
O 6421	.do.	Illinois Traction System.....	Labor and material.....	422 83
O 6422	.do.	Western Electric Co.....	Electric supplies.....	48 71
O 6423	.do.	Vaughans Seed Store.....	Laboratory apparatus.....	4 00
O 6424	.do.	G. Cramer Dry Plate Co.....	General supplies.....	25 72
O 6425	.do.	E. V. Kirby.....	Farm machinery.....	35 00
O 6426	.do.	Albert Dickinson Co.....	General supplies.....	2 57
O 6427	.do.	Library Bureau.....	.do.....	14 00
O 6428	.do.	Twin City Roofing Co.....	Tools.....	13 60
O 6429	.do.	Barnhart Bros.....	.do.....	4 90
O 6430	.do.	National Steam Specialty Co.....	Plumbing supplies.....	28 97
O 6431	.do.	Weil Brothers.....	.do.....	16 78
O 6432	Mar. 1	Wabash R. R. Co.....	Freight and express.....	1 89
O 6433	.do.	C. C. & St. L. Ry. Co. (Urbana).....	.do.....	42 66
O 6434	.do.	James B. Clow & Sons.....	Laboratory supplies.....	207 10
O 6435	.do.	C. C. & St. L. Ry. Co. (Champaign).....	Freight.....	4 00
O 6436	.do.	W. F. Handschin.....	Traveling expenses.....	16 79
O 6437	.do.	Fred L. Hatch.....	Lectures.....	15 00
O 6438	.do.	O. S. Fisher.....	Traveling expenses.....	12 67
O 6439	.do.	Alfred J. Gunderson.....	.do.....	22 35
O 6440	.do.	J. A. Drew.....	Lectures.....	15 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 6441	Mar. 1	J. B. Marshall.....	Field expense.....	\$ 54 00
O 6442	..do..	C. C. Logan.....	Traveling expenses.....	15 32
O 6443	..do..	Geo. F. Tullock.....	Field expense.....	139 55
O 6444	..do..	T. G. Griffith.....	..do..	49 65
O 6445	..do..	Arthur R. Seymour.....	Traveling expenses.....	11 60
O 6446	Mar. 3	Pay roll.....	February, 1914.....	375 00
		Conrad, Emma.....	Wages, February, 1914. \$ 35 00	
		Curry, Florence J.....	..do..	30 00
		Hensel, Etta.....	..do..	45 00
		Prewitt, Floyd E.....	..do..	50 00
		Redman, Louise E.....	..do..	60 00
		Ross, R. M.....	..do..	80 00
		Shue, Lizzie B.....	..do..	40 00
		Seidenberg, N. C.....	..do..	25 00
		Meenach, O. E.....	..do..	10 00
O 6447	..do..	Pay roll.....	Salary, February, 1914. 40 00	373 33
		Samuels, T. W.....	..do.. 333 33	
O 6448	Mar. 4	Vaughan's Seed Store.....	General supplies.....	14 85
O 6449	..do..	P. S. Campbell.....	Printing.....	3 75
O 6450	..do..	Percival & Moorehead.....	Farm machinery.....	2 00
O 6451	..do..	John H. Doyle.....	Building repairs.....	2 30
O 6452	..do..	Fairbanks, Morse & Co.....	Laboratory supplies.....	38 88
O 6453	..do..	G. E. Stechert & Co.....	Books.....	9 49
O 6454	..do..	Merck & Co.....	Laboratory supplies.....	7 68
O 6455	..do..	Ward's Natural Science Establishment.....	..do..	7 98
O 6456	..do..	F. Burnett.....	Feeding stock.....	68 55
O 6457	..do..	Henry Disston & Sons, Inc.....	Farm machinery.....	9 07
O 6458	..do..	J. J. Gummershimer.....	Translations.....	16 00
O 6459	..do..	Bausch & Lomb Optical Co.....	Laboratory apparatus.....	6 25
O 6460	..do..	Henry A. Dreer, Inc.....	Horticulture supplies.....	2 25
O 6461	..do..	John Wiley & Sons, Inc.....	Books.....	4 81
O 6462	..do..	Snow Steam Pump Works.....	Laboratory supplies.....	4 52
O 6463	..do..	Metzler & Shafer Co.....	..do..	1 00
O 6464	..do..	S. E. Huff & Co.....	..do..	2 80
O 6465	..do..	D. Van Nostrand Co.....	Books.....	2 25
O 6466	..do..	Hektograph Mfg. & Duplicator Co.....	Office supplies.....	3 25
O 6467	..do..	R. W. Braithwaite.....	Expert services.....	11 00
O 6468	..do..	Standard Calorimeter Co.....	Laboratory apparatus.....	157 50
O 6469	..do..	Braun Corporation.....	..do..	83 15
O 6470	..do..	Norman W. Henley Publishing Co.....	Books.....	2 80
O 6471	..do..	J. C. Thomas.....	Laboratory supplies.....	1 70
O 6472	..do..	B. A. Strauch.....	Developing and printing.....	2 04
O 6473	..do..	The University Press.....	Printing.....	6 25
O 6474	..do..	Twin City Bindery & Blank Book Co.....	..do..	41 00
O 6475	..do..	C. C. Short.....	Horseshoeing.....	3 50
O 6476	..do..	McIntosh Stereopticon Co.....	Apparatus.....	6 75
O 6477	..do..	National Engraving Co.....	Halftones.....	6 80
O 6478	..do..	W. Atlee Burpee & Co.....	Seeds.....	10 29
O 6479	..do..	Eisner Grocery Co.....	Bags.....	2 80
O 6480	..do..	J. E. Hetter.....	Apples.....	8 00
O 6481	..do..	Ebner Ice & Cold Storage Co.....	..do..	19 00
O 6482	..do..	Bennett's Magazine Agency.....	Subscriptions.....	12 20
O 6483	..do..	Whitall-Tatum Co.....	Laboratory supplies.....	3 05
O 6484	..do..	W. D. Fairchild.....	Lantern slides.....	33 66
O 6485	..do..	Champaign Bottling Works.....	Laboratory supplies.....	4 00
O 6486	..do..	Electric Appliance Co.....	..do..	1 10
O 6487	..do..	Schermerhorn Brothers Co.....	Janitor's supplies.....	36 00
O 6488	..do..	Hoffman & Kropf Chemical Co.....	Laboratory supplies.....	1 10
O 6489	..do..	Clapp-Eastham Co.....	Condensers.....	10 00
O 6490	..do..	International Acheson Graphite Co.....	Laboratory supplies.....	2 37
O 6491	..do..	The Frederick Post Co.....	Paper.....	19 90
O 6492	..do..	F. D. Lambert.....	Laboratory supplies.....	21 04
O 6493	..do..	Sheldon Brick & Building Supply Co.....	Brick.....	24 00
O 6494	..do..	Spencer Lens Co.....	Laboratory supplies.....	16 39
O 6495	..do..	W. M. Davis.....	Farm machinery.....	25 00
O 6496	..do..	Eugene Dietzgen Co.....	Office supplies.....	20 35
O 6497	..do..	Charles L. Mann.....	General supplies.....	12 50
O 6498	..do..	Ina Jackson.....	Live stock.....	186 00
O 6499	..do..	H. A. Hollister.....	Traveling expenses.....	62 90
O 6500	..do..	James B. Clow & Son.....	Laboratory supplies.....	16 11
O 6501	..do..	Leavitt Mfg. Co.....	Machine repairs.....	36 00
O 6502	..do..	Western Electric Co.....	Electric supplies.....	24 35
O 6503	..do..	Central Electric Co.....	..do..	27 64
O 6504	..do..	Sharon Coal & Brick Co.....	Coal.....	48 00
O 6505	..do..	Knowlton & Bennett.....	Glass.....	7 20
O 6506	..do..	McMaster-Carr Supply Co.....	Machine repairs.....	2 31
O 6507	..do..	Western Stoneware Co.....	Laboratory supplies.....	10 50
O 6508	..do..	Advance Packing & Supply Co.....	Machine repairs.....	6 23

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 6509	Mar. 4	Geo. B. Carpenter & Co.	General supplies.	\$ 75 59
O 6510	do.	Charles Engelhard.	Laboratory supplies.	15 51
O 6511	do.	Jeffrey Mfg. Co.	Laboratory apparatus.	15 53
O 6512	do.	American Radiator Co.	General supplies.	1 59
O 6513	do.	Urbana Courier Co.	Advertising.	2 70
O 6514	do.	Herbert W. Mumford.	Traveling expenses.	22 45
O 6515	do.	Carroll J. Badger.	do.	14 87
O 6516	do.	Fred J. Blackburn.	do.	20 37
O 6517	do.	E. E. Hoskins.	Field expense.	28 27
O 6518	do.	Leroy Iler.	do.	6 00
O 6519	do.	Miss Mary Egginton.	Rentals.	185 00
O 6520	do.	E. H. Sargent & Co.	Laboratory apparatus.	46 85
O 6521	do.	Twin City Roofing Co.	do.	5 13
O 6522	do.	D. H. Lloyd.	do.	6 10
O 6523	do.	F. K. Robeson.	General supplies.	4 11
O 6524	do.	Alexander Lumber Co.	do.	39 60
O 6525	do.	Taylor Hardware Co.	do.	8 71
O 6526	do.	The Letter Shop.	Clerical assistance.	12 00
O 6527	do.	John H. Doyle.	General supplies.	8 09
O 6528	do.	Bacon Brothers.	do.	6 35
O 6529	do.	J. Horace McFarland Co.	Laboratory apparatus.	93 25
O 6530	do.	Champaign Seed Co.	General supplies.	12 70
O 6531	do.	Vaughan's Seed Store.	do.	7 15
O 6532	Mar. 5	O. E. Staples, Bursar.	General labor.	515 59
O 6533	do.	O. E. Staples, Bursar.	Student labor.	501 87
O 6534	do.	O. E. Staples, Bursar.	Express bills paid.	90 85
O 6535	do.	O. E. Staples, Bursar.	do.	69 36
O 6536	do.	Western Electric Co.	Electrical supplies.	33 40
O 6537	do.	The Burr Co.	Machine repairs.	21 90
O 6538	do.	Twin City Roofing Co.	Roofing.	2 63
O 6539	do.	J. Horace McFarland Co.	Laboratory apparatus.	371 90
O 6540	do.	Bennett's Magazine Agency.	Magazines.	14 00
O 6541	do.	S. E. Huff & Co.	General supplies.	20 45
O 6542	do.	Keuffel & Esser Co. of New York.	do.	7 76
O 6543	do.	John T. Quit.	do.	6 00
O 6544	do.	Bacon Brothers.	Glass.	6 21
O 6545	do.	Barnhart Brothers.	General supplies.	7 95
O 6546	do.	The Burr Co.	Machine repairs.	12 85
O 6547	do.	Reliable Plumbing & Heating Co.	Plumbing.	16 90
O 6548	do.	S. E. Huff & Co.	General supplies.	7 45
O 6549	do.	Taylor Hardware Co.	Building material.	10 15
O 6550	do.	Percival & Moorehead.	General supplies.	35
O 6551	Mar. 6	Percival & Moorehead.	Building material.	10 30
O 6552	do.	The Burr Co.	Laboratory supplies and repairs.	115 83
O 6553	do.	B. A. Strauch.	General supplies.	4 40
O 6554	do.	Twin City Printing Co.	Office supplies.	80
O 6555	do.	Tablet & Ticket Co.	do.	1 87
O 6556	do.	E. H. Sargent & Co.	Laboratory apparatus.	28 52
O 6557	do.	Ernst Hertzberg & Sons.	Books.	1 68
O 6558	do.	Chester Transfer Co.	Traveling expenses.	7 00
O 6559	do.	Reliable Plumbing & Heating Co.	Electrical supplies.	2 88
O 6560	do.	Reliable Plumbing & Heating Co.	Building repairs.	48 79
O 6561	do.	S. E. Huff & Co.	do.	15 05
O 6562	do.	John H. Doyle.	Laboratory apparatus.	64 22
O 6563	do.	Saddle & Shoe Horse Chronicle.	Magazines.	9 00
O 6564	do.	Egypt Exploration Fund.	do.	5 00
O 6565	do.	Lundy's Lane Historical Society.	Books.	6 10
O 6566	do.	Playground & Recreation Assn.	do.	3 00
O 6567	do.	John E. Scopes & Co.	do.	46 18
O 6568	do.	Blanke Mfg. & Supply Co.	General supplies.	18 00
O 6569	do.	J. E. Meharry.	Stock.	177 50
O 6570	do.	J. J. Auser.	Traveling expenses.	10 58
O 6571	do.	G. W. Beardsley.	do.	12 69
O 6572	do.	Nelson H. Ouimette.	do.	7 38
O 6573	do.	Stephen Rogers.	Field expense.	3 90
O 6574	do.	Christ Hansen's Laboratory.	General supplies.	6 10
O 6575	do.	Chas. A. Hall Hardware Co.	Laboratory apparatus.	32 75
O 6576	do.	Illinois State Reformatory.	Printing.	1 80
O 6577	do.	D. F. McFarland.	Traveling expenses.	8 29
O 6578	do.	Henry B. Ward.	do.	9 20
O 6579	do.	The Letter Shop.	Clerical assistance.	6 00
O 6580	do.	Indian Refining Co.	General supplies.	1 50
O 6581	do.	Metzler & Schafer Co.	do.	7 85
O 6582	do.	D. T. Dobbins.	Feeding stock.	2 80
O 6583	do.	James B. Clow & Sons.	General supplies.	28 50
O 6584	do.	John C. Moore Corporation.	Office supplies.	2 25
O 6585	do.	Champaign Ice Cream Co.	Condensed milk.	36 00
O 6586	do.	W. G. Griffith.	Corn.	5 08
O 6587	do.	F. K. Robeson.	General supplies.	

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914.				
O 6588	Mar. 6	Frison Brothers.....	Machine repairs.....	\$ 3 00
O 6589	..do..	The Buckeye Stamping Co.....	Laboratory supplies.....	3 88
O 6590	..do..	Standard Oil Co.....	General supplies.....	6 90
O 6591	..do..	Chester Horseshoeing Shop.....	Field expense.....	34 50
O 6592	..do..	Ennis Hay Co.....	Feeding stock.....	647 48
O 6593	..do..	Wm. Baragwanath & Son.....	Laboratory apparatus.....	49 00
O 6594	..do..	Denver Fire Clay Co.....	Laboratory supplies.....	1 54
O 6595	..do..	Sears, Roebuck & Co.....	..do..	1 85
O 6596	..do..	James G. Biddle.....	Laboratory apparatus.....	15 00
O 6597	..do..	Swartz Electric Shop.....	Laboratory supplies.....	1 00
O 6598	..do..	Bacon Brothers.....	Building material.....	3 52
O 6599	Mar. 7	French Battery & Carbon Co.....	Electrical material.....	21 00
O 6600	..do..	Taylor Hardware Co.....	Building material.....	3 00
O 6601	..do..	C. A. Denman.....	General supplies.....	4 00
O 6602	..do..	The School Century.....	Advertising.....	11 25
O 6603	..do..	Twin City Printing Co.....	Printing.....	14 50
O 6604	..do..	W. H. Rowe.....	Lectures.....	60 00
O 6605	..do..	J. E. Wooters.....	Lecture and traveling expenses.....	35 72
O 6606	..do..	C. B. Price.....	Expert service.....	42 00
O 6607	..do..	C. G. Cox.....	..do..	56 77
O 6608	..do..	I. Paley.....	Traveling expenses.....	4 09
O 6609	..do..	M. R. Carlson.....	..do..	12 77
O 6610	..do..	Edwin Behling.....	..do..	7 00
O 6611	..do..	C. F. Goodman.....	Traveling expenses and service.....	67 43
O 6612	..do..	E. G. Howe, Jr.....	..do..	19 89
O 6613	..do..	Frank Morgan.....	Field expense.....	7 00
O 6614	..do..	C. C. Logan.....	Traveling expenses.....	17 19
O 6615	..do..	Geo. F. Tullock.....	Rentals.....	106 00
O 6616	..do..	S. E. Huff & Co.....	General supplies.....	9 85
O 6617	..do..	H. E. Cunningham.....	Traveling expenses.....	6 90
O 6618	..do..	Alexander Lumber Co.....	Building repairs.....	22 00
O 6619	..do..	Albert Dickinson Co.....	General supplies.....	63 45
O 6620	..do..	A. A. Hinkley & Sons.....	..do..	5 15
O 6621	..do..	The Frederick Post Co.....	Office supplies.....	6 12
O 6622	..do..	Bungalow Publishing Co.....	Printing.....	5 50
O 6623	..do..	Gulick Tailoring Co.....	Milk suits.....	22 20
O 6624	..do..	Williams Brothers.....	Painting supplies.....	8 60
O 6625	..do..	Farrar & Guinlan.....	Cafeteria supplies.....	61 30
O 6626	..do..	B. A. Ralston.....	..do..	20 87
O 6627	..do..	Queen Table Novelty Importers & Orig- inators.....	Furniture.....	3 56
O 6628	..do..	Caldwell Electric Co.....	..do..	5 92
O 6629	..do..	McIntosh Stereopticon Co.....	Laboratory apparatus.....	1 25
O 6630	..do..	A. L. Randall Co.....	Electrical supplies.....	4 75
O 6631	..do..	Vaughan's Seed Store.....	General supplies.....	23 34
O 6632	..do..	Bausch & Lomb Optical Co.....	Laboratory supplies.....	29 14
O 6633	..do..	Champaign Steam Laundry.....	Laundry.....	55 94
O 6634	..do..	Nagle Engine & Boiler Works.....	Machine repairs.....	3 00
O 6635	..do..	Henry Fuermann & Sons.....	General supplies.....	13 00
O 6636	..do..	J. W. Butler Paper Co.....	Office supplies.....	19 69
O 6637a	..do..	O. E. Staples, Bursar.....	General labor.....	140 20
O 6638a	..do..	Ernst Hertzberg & Sons.....	Binding.....	83 10
O 6639	..do..	O. E. Staples, Bursar.....	Student labor.....	214 60
O 6640	..do..	O. E. Staples, Bursar.....	Sundry bills paid.....	25 50
O 6641	..do..	G. E. Stechert & Co.....	Books.....	3 80
O 6642	..do..	Creamery Package Mfg. Co.....	Dairy supplies.....	282 23
O 6643	..do..	Eisner Grocery Co.....	..do..	2 00
O 6644	..do..	Hawshaw, Fuller & Goodwin Co.....	Laboratory supplies.....	4 25
O 6637	Mar. 6	Pay roll.....	February, 1914.....	1,396 70
		Brentlinger, Emmett P.....	Wages, February, 1914.....	\$56 20
		Corson, A. J.....	..do..	47 90
		Gordon, Morris D.....	..do..	28 30
		Lindsay, M. T.....	..do..	20 00
		Manley, Verna.....	..do..	60 00
		Pollard, Charles.....	..do..	47 20
		Sparks, Marion.....	..do..	10 25
		Foster, O. F.....	..do..	61 25
		Rachwalski, J.....	..do..	70 00
		Bentley, R. L.....	..do..	23 38
		Bernard, L. C.....	..do..	30 15
		Booze, M. C.....	..do..	69 50
		Brooks, Roland.....	..do..	10 40
		Dale, J. H.....	..do..	26 25
		Danielson, R. R.....	..do..	29 25
		Davis, Russel.....	..do..	26 37
		Durst, L.....	..do..	28 88
		Hughes, C. A.....	..do..	14 25
		Jones, W. R.....	..do..	33 08
		Kelley, H. P.....	..do..	23 70



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 6637 <i>Cld.</i>	1914. Mar. 6	Kirkpatrick, F. A.	Wages, February, 1914.	\$ 32 10
		Leggitt, F. W.	do.	15 40
		Lowe, Lucy	do.	39 75
		Lundin, R. S.	do.	15 80
		McConnel, I. M.	do.	17 50
		McCuen, T. W.	do.	11 63
		McGhee, O. M.	do.	31 10
		Mattoon, E. W.	do.	48 00
		Martin, C. C.	do.	11 40
		Miner, H. W.	do.	19 51
		Mohr, Alba	do.	14 40
		Munson, John	do.	29 84
		Murfey, E. F.	do.	20 50
		Newman, F. A.	do.	12 08
		Odell, Arthur	do.	44 20
		Palmer, C. S.	do.	10 80
		Ping, C. E.	do.	16 00
		Rehling, C. H.	do.	26 95
		Reinhart, T. J.	do.	13 25
		Reeves, N. T.	do.	28 20
		Sanders, G. E.	do.	11 93
		Schadt, Mabel	do.	10 50
		Secor, E. C.	do.	20 00
		Semple, Arthur	do.	25 70
		Semple, Arthur	do.	12 60
		Skemp, S. C.	do.	23 75
		Slater, M. E.	do.	49 16
		Stone, T. C.	do.	15 50
		Walduck, C. S.	do.	30 00
		Wright, Agnes	do.	11 20
		Zepperfeld, E. W.	do.	11 64
O 6638	Mar. 11	Pay roll	February, 1914.	\$10,635 51
		Arrington, C. E.	Wages, February, 1914.	58 80
		Atwell, M. W.	do.	58 59
		Bailey, J. E.	do.	42 63
		Barnes, V. R.	do.	89 60
		Bevis, A.	do.	150 15
		Brannigan, John	do.	77 00
		Brown, Basil	do.	61 68
		Brown, Harry	do.	57 12
		Bullock, D. M.	do.	63 25
		Butler, Thomas	do.	62 79
		Ceduskey, John	do.	75 90
		Crathorne, F.	do.	78 00
		Cunningham, F.	do.	96 90
		Davis, Jos.	do.	64 68
		Dibble, E. P.	do.	64 40
		Dwning, H.	do.	53 10
		Fay, T. J.	do.	86 80
		Fender, Louie	do.	65 34
		Fender, Fred	do.	87 30
		Fiscus, J. J.	do.	61 41
		Fogarty, F.	do.	46 20
		Fogarty, W.	do.	50 00
		Fox, Guy	do.	61 66
		Freeman, C. Y.	do.	50 82
		Goodspeed, W. S.	do.	83 33
		Graybeal, W. H.	do.	59 22
		Hamlin, Sell	do.	46 00
		Hanson, Saml	do.	65 00
		Hargan, E.	do.	64 39
		Henderson, T. O.	do.	103 36
		Hixon, W. G.	do.	49 20
		Hunt, Oscar L.	do.	39 20
		Hutton, Ross	do.	59 34
		Irvine, Frank	do.	71 50
		Irvine, James	do.	51 24
		Jones, Margaret	do.	40 80
		Justus, E. W.	do.	108 00
		Langhoff, A.	do.	75 07
		Langhoff, Fred	do.	60 03
		Lewis, E. C.	do.	66 36
		Litton, A. C.	do.	55 02
		Long, Thomas	do.	81 00
		McAllister, A. J.	do.	73 20
		McClughen, Frances	do.	40 80
		McCulough, James	do.	58 74
		Magnuson, A. O.	do.	80 00
		Mahorney, H. H.	do.	66 70

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 6638 Ctd.	1914. Mar. 11	Meenach, O. E.	Wages, February, 1914.	\$ 66 01
		Meyers, Jesse	do.	56 12
		Meneely, Dan	do.	52 44
		Miller, C. M.	do.	51 45
		Morgan, J. E.	do.	10 00
		Morgan, Rebecca	do.	40 80
		Moran, A.	do.	65 00
		Murphey, Ruthe	do.	58 00
		Newton, J. R.	do.	45 60
		Nikolaus, Jacob	do.	58 80
		Perry, F. M.	do.	55 66
		Purkins, J. F.	do.	55 44
		Quinn, William	do.	11 55
		Richards, Ed.	do.	94 08
		Ryan, Mary E.	do.	40 80
		Servis, A.	do.	61 64
		Sinclair, C. R.	do.	65 00
		Smith, W. J.	do.	110 29
		Snyder, J.	do.	51 66
		Stateler, F.	do.	71 28
		Tillotson, I. F.	do.	64 62
		Toy, George	do.	62 56
		Turner, George	do.	63 94
		Warmbler, August	do.	78 00
		Wharmby, Ed.	do.	66 93
		Wilde, William	do.	86 80
		Wilson, Frank	do.	38 40
		Allen, O. W.	do.	8 00
		Anderson, Isabelle	do.	3 80
		Bagusin, A.	do.	19 00
		Barkman, C. P.	do.	16 40
		Barden, H. E.	do.	15 00
		Berringer, Harriet	do.	3 60
		Beyer, Elizabeth	do.	17 25
		Billman, Elliott	do.	13 80
		Britton, F. E.	do.	1 60
		Brooks, H. R.	do.	10 20
		Brown, John	do.	9 00
		Brown, Kenneth	do.	28 00
		Burke, Edmund	do.	1 25
		Campbell, M. H.	do.	37 98
		Cavette, Erle	do.	38 25
		Clements, O. R.	do.	13 75
		Clements, O. R.	do.	4 00
		Clover, C. W.	do.	10 00
		Colbert, J. R.	do.	15 20
		Colcord, F. M.	do.	4 80
		Cummings, W. E.	do.	25 50
		Dunn, Elizabeth	do.	6 20
		English, H. M.	do.	42 00
		Eschanzer, Lewis	do.	46 20
		Foster, D. D.	do.	11 00
		Foulke, C. C.	do.	24 60
		Gage, J. H.	do.	5 00
		Galpin, Stella	do.	8 00
		Gould, John	do.	5 00
		Greison, H. P.	do.	26 50
		Grigg, D. R.	do.	13 00
		Halliday, Ruth	do.	13 40
		Hallquist, Mrs. A.	do.	11 80
		Harwood, S. D.	do.	19 75
		Hill, C. F.	do.	10 00
		Hinshaw, Amy	do.	8 00
		Hitchcock, E. W.	do.	20 13
		Horning, R. A.	do.	28 90
		Hufford, C. T.	do.	19 60
		Inagaki, Nole	do.	26 40
		Kelley, A. P.	do.	19 80
		Larson, Martha S.	do.	19 40
		Leggett, Frank	do.	20 13
		Leighty, D. R.	do.	12 40
		Lerch, Edward	do.	31 90
		Lewis, T. G.	do.	12 00
		Linder, Lewis	do.	10 00
		Lindsey, G. H.	do.	25 50
		Linsley, C. M.	do.	25 12
		Lindquist, H. J.	do.	29 70

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 6638 Ctd.	1914. Mar. 11	McCabe, C. L.....	Wages, February, 1914. \$	1 70
		MacIntyre, Katherine.....	do.....	10 75
		Magruder, Denton.....	do.....	20 00
		Mann, Edith.....	do.....	6 00
		Meltz, N.....	do.....	17 20
		Miessler, H. F.....	do.....	4 50
		Millizen, Edna.....	do.....	4 80
		Morrison, W. R.....	do.....	17 20
		Myers, Madge.....	do.....	5 40
		Nickolls, C. R.....	do.....	41 83
		Nixon, R. H.....	do.....	24 00
		Noth, E. F.....	do.....	14 00
		Osborne, Pauline.....	do.....	5 00
		Paine, Olive.....	do.....	20 00
		Peterson, R. W.....	do.....	9 30
		Price, C. B.....	do.....	11 00
		Questel, B. H.....	do.....	18 00
		Rappleye, W. C.....	do.....	18 00
		Rigg, G. L.....	do.....	25 03
		Romero, Newmann.....	do.....	12 20
		Ropiequet, W. C.....	do.....	6 00
		Rowe, James.....	do.....	10 71
		Rugg, E. U.....	do.....	26 75
		Salsbury, G. W.....	do.....	24 00
		Shaffer, R. F.....	do.....	26 00
		Silyer, M. G.....	do.....	24 50
		Stearns, C. G.....	do.....	2 80
		Sterenber, Bert.....	do.....	21 00
		Stilwell, Helen.....	do.....	3 00
		Stockfleth, B.....	do.....	8 25
		Sutherland, G. F.....	do.....	7 12
		Thurston, H. W.....	do.....	15 00
		Troxler, Ivan.....	do.....	20 13
		Tuthill, J. K.....	do.....	14 30
		VanNatter, F. M.....	do.....	22 80
		Wham, Benjamin.....	do.....	6 40
		Wheelock, E. N.....	do.....	27 75
		Wood, H. T.....	do.....	8 40
		Disoway, M. D.....	do.....	100 00
		Fast, E. E.....	do.....	85 50
		Fitch, H. H.....	do.....	75 00
		Howe, E. G.....	do.....	23 50
		Jaquet, G. E.....	do.....	80 00
		McFadden, E. C.....	do.....	75 00
		Moffit, J. A.....	do.....	75 00
		Romeiser, Edwin.....	do.....	12 40
		Aschermann, John.....	do.....	23 00
		Berchtold, H. A.....	do.....	75 00
		Boyer, G. W.....	do.....	65 31
		Brining, A. H.....	do.....	46 40
		Bradford, Albert.....	do.....	84 24
		Broom, Eddie.....	do.....	50 60
		Browning, J. E.....	do.....	56 00
		Campbell, Maude.....	do.....	40 00
		Campbell, Mathew.....	do.....	43 20
		Carson, Rolla A.....	do.....	54 00
		Carrick, Oland Wm.....	do.....	40 00
		Carothers, Ceylla.....	do.....	36 48
		Cheever, J. W.....	do.....	48 00
		Clifford, Harry Al.....	do.....	34 65
		Collins, A. L.....	do.....	54 80
		Colly, John.....	do.....	51 60
		Davis, Edward.....	do.....	51 60
		Dean, J. S.....	do.....	40 60
		Doll, J. B.....	do.....	33 20
		Doyle, Bernard.....	do.....	90 00
		English, B. F.....	do.....	55 43
		Fabert, H. F.....	do.....	61 60
		Fechtruph, Herman.....	do.....	61 60
		Franklin, F. T.....	do.....	58 80
		Frazier, Mollie B.....	do.....	19 00
		Gilley, Owen.....	do.....	42 20
		Glenn, Daniel.....	do.....	48 00
		Glenn, V. S.....	do.....	53 00
		Harding, C. F.....	do.....	100 00
		Heinz, L. T.....	do.....	56 00
		Higgins, Harry.....	do.....	16 90
		Hooker, W. A.....	do.....	50 62
		Hoover, F. E.....	do.....	56 32

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 6638	Mar. 11	Johnson, C. C. ....	Wages, February, 1914.	\$58 80
<i>Cld.</i>		Johnson, Sam. ....	do. ....	55 40
		Jones, James E. ....	do. ....	33 60
		Kliem, J. A. J. ....	do. ....	64 68
		Langhoff, Wm. ....	do. ....	53 59
		Lewis, H. R. ....	do. ....	29 00
		Livich, P. L. ....	do. ....	59 33
		Long, J. F. ....	do. ....	71 82
		Long, Ray. ....	do. ....	46 50
		McDaniel, B. F. ....	do. ....	49 80
		McFadden, W. J. ....	do. ....	48 10
		MacMillion, Lee. ....	do. ....	62 80
		May, U. G. ....	do. ....	53 60
		Meriweather, James. ....	do. ....	37 60
		Miller, J. H. ....	do. ....	89 77
		Mock, Forrest. ....	do. ....	52 00
		Moody, D. L. ....	do. ....	43 80
		Moore, C. P. ....	do. ....	50 80
		Peterson, Nick. ....	do. ....	50 00
		Porter, S. A. ....	do. ....	86 00
		Reed, B. L. ....	do. ....	50 00
		Roberts, M. F. ....	do. ....	20 60
		Shriver, A. L. ....	do. ....	57 75
		Simerl, M. A. ....	do. ....	45 50
		Small, M. M. ....	do. ....	60 00
		Sparks, Marion E. ....	do. ....	15 00
		Speedie, A. C. ....	do. ....	74 00
		Stearns, L. M. ....	do. ....	58 80
		Stipes, Geo. ....	do. ....	38 40
		Surbaugh, C. A. ....	do. ....	42 80
		Thomson, H. L. ....	do. ....	34 20
		Utterback, O. J. ....	do. ....	50 80
		Vandeventer, J. H. ....	do. ....	84 80
		Walters, P. T. ....	do. ....	50 20
		Wascher, A. C. ....	do. ....	83 30
		Welker, Clarence. ....	do. ....	50 40
		Wells, L. J. ....	do. ....	62 40
		Wells, T. E. ....	do. ....	61 60
		Wilson, Charlie. ....	do. ....	49 00
		Wilson, Wesley. ....	do. ....	84 80
		Wright, Amos. ....	do. ....	84 40
O 6645	Mar. 7	A. H. Barber Creamery Supply Co. ....	Laboratory apparatus. ....	\$ 7 65
O 6646	do. ....	Mills Novelty Co. ....	Drinking cups. ....	17 50
O 6647	do. ....	Vaughan's Seed Store. ....	Laboratory apparatus. ....	19 75
O 6648	do. ....	Chicago Packing Co. ....	Cafeteria supplies. ....	53 12
O 6649	do. ....	John C. Winston Co. ....	Books. ....	3 00
O 6650	do. ....	International Press Clipping Bureau. ....	Press clippings. ....	5 00
O 6651	do. ....	H. A. Winter. ....	Lectures. ....	40 00
O 6652	do. ....	Chris. C. Jensen. ....	Traveling expenses. ....	4 17
O 6653	do. ....	Alfred J. Gunderson. ....	do. ....	30 78
O 6654	do. ....	Commercial Telephone & Telegraph Co. ....	Furniture. ....	1 40
O 6655	do. ....	J. W. Folsom. ....	Traveling expenses. ....	29 53
O 6656	do. ....	Crosby Steam Gage & Valve Co. ....	Machine repairs. ....	3 57
O 6657	do. ....	William H. Varnum. ....	Express. ....	9 60
O 6658	do. ....	Albert E. Wuesteman. ....	Laboratory apparatus. ....	5 00
O 6659	do. ....	Browne-Morse Co. ....	Office equipment. ....	7 45
O 6660	do. ....	Postal Telegraph Cable Co. ....	Furniture. ....	9 29
O 6661	do. ....	Baker & Co. ....	Laboratory supplies. ....	8 72
O 6662	do. ....	Herman Bacharach. ....	Apparatus repairs. ....	24 00
O 6663	do. ....	Link Belt Co. ....	Machine repairs. ....	5 00
O 6664	do. ....	Frederick Post Co. ....	General supplies. ....	24 11
O 6665	do. ....	Standard Oil Co. ....	Oil. ....	48 06
O 6666	do. ....	Charles G. Willoughby. ....	Laboratory apparatus. ....	145 25
O 6667	do. ....	AnSCO Co. ....	General supplies. ....	9 24
O 6668	do. ....	J. W. Dunlap. ....	Machine repairs. ....	20 85
O 6669	do. ....	White Line Steam Laundry. ....	Laundry. ....	23 86
O 6670	do. ....	C. A. Kiler. ....	Office supplies. ....	3 68
O 6671	do. ....	H. V. Canter. ....	Traveling expenses. ....	19 01
O 6672	do. ....	Review Printing Stationery Co. ....	Printing. ....	1,359 35
O 6673	do. ....	Shultz Seed Co. ....	General supplies. ....	11 00
O 6674	do. ....	Creamery Package Mfg. Co. ....	Laboratory apparatus. ....	23 76
O 6675	do. ....	Chester Horseshoeing Shop. ....	Horseshoeing. ....	7 00
O 6676	do. ....	Champaign Ice Cream Co. ....	Dairy supplies. ....	5 75
O 6677	do. ....	Olmsted Brothers. ....	Horticulture supplies. ....	12 54
O 6678	do. ....	O. B. Kruth. ....	Laboratory apparatus. ....	7 25
O 6679	do. ....	W. S. Perrine. ....	Apple barrels. ....	6 30
O 6680	do. ....	Nelson Bogue Batavia Nurseries. ....	Nursery stock. ....	29 70
O 6681	do. ....	Twin City Creamery Co. ....	Cafeteria supplies. ....	32 00
O 6682	do. ....	C. A. Kiler. ....	Office equipment. ....	2 50

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 6683	Mar. 7	American Multigraph Sales Co.....	Office equipment .....	\$ 3 00
O 6684	..do..	F. K. Robeson.....	General supplies.....	4 17
O 6685	..do..	Chester Transfer Co.....	Drayage.....	27 32
O 6686	..do..	The Crane Co.....	Laboratory supplies.....	8 75
O 6687	..do..	Library Bureau.....	Furniture.....	5 00
O 6688	..do..	The Esterline Co.....	Laboratory apparatus.....	16 17
O 6689	..do..	Rogers & Hall Co.....	Printing.....	309 60
O 6690	..do..	Pay roll.....	February, 1914.....	548 61
		Baldwin, L. S.....	Wages, February, 1914.....	\$59 60
		Brown, C. W.....	..do.....	13 60
		Buckler, C. W.....	..do.....	24 61
		Griffith, L. A.....	..do.....	34 50
		Haltom, Marie.....	..do.....	24 00
		Hart, P. M.....	..do.....	4 80
		Miller, C. A.....	..do.....	4 10
		Mohlman, Harry.....	..do.....	16 60
		Richardson, H. R.....	..do.....	21 00
		Voght, E.....	..do.....	20 40
		Williams, E. C.....	..do.....	5 40
		Brumley, C. A.....	..do.....	48 00
		Shipley, J. E.....	..do.....	48 00
		Sowers, A. L.....	..do.....	92 00
		Laying, T. E.....	..do.....	60 00
		Weaver, M. C.....	..do.....	72 00
O 6691	Mar. 9	Western Union Telegraph Co.....	Telegrams.....	25 23
O 6692	..do..	Central Union Telephone Co.....	Telephone.....	8 15
O 6693	..do..	Western Union Telegraph Co.....	Telegrams.....	14 89
O 6694	..do..	H. McFadden & Bros.....	Laboratory supplies.....	1 70
O 6695	..do..	Merck & Co.....	..do.....	5 35
O 6696	..do..	Engineering Magazine.....	Advertising.....	1 99
O 6697	..do..	E. H. Swigert.....	Piano tuning.....	39 00
O 6698	..do..	White Poultry Farm.....	Cafeteria supplies.....	18 77
O 6699	..do..	Twin City Ice & Cold Storage Co.....	Water.....	3 00
O 6700	..do..	Powers & Powers.....	Laboratory supplies.....	5 00
O 6701	..do..	T. O. Henderson.....	Traveling expenses.....	3 05
O 6702	..do..	H. A. Hollister.....	..do.....	20 30
O 6703	..do..	C. M. Parker, School News.....	Advertising.....	8 55
O 6704	Mar. 10	C., C., C. & St. L. Ry. Co.....	Freight.....	69 35
O 6705	..do..	Wabash R. R. Co.....	..do.....	81 36
O 6706	..do..	Illinois Central R. R. Co.....	..do.....	81 36
O 6707	..do..	Illinois Traction System.....	..do.....	1 23
O 6708	..do..	Central Electric Co.....	Electrical supplies.....	34 09
O 6709	..do..	G. C. Willis.....	Laboratory supplies.....	3 59
O 6710	..do..	The Tablet & Ticket Co.....	Office supplies.....	20 70
O 6711	..do..	W. Lewis & Co.....	Laboratory supplies.....	14 67
O 6712	..do..	Bausch & Lomb Optical Co.....	General supplies.....	32 99
O 6713	..do..	James B. Clow & Sons.....	Laboratory supplies.....	6 25
O 6714	..do..	Metzler & Schafer Co.....	..do.....	182 91
O 6715	..do..	Charles H. Besly & Co.....	..do.....	5 67
O 6716	..do..	G. Cramer Dry Plate Co.....	Photo supplies.....	76 00
O 6717	..do..	Sweet-Wallach & Co.....	Laboratory apparatus.....	233 35
O 6718	..do..	Irving-Pitt Mfg. Co.....	Office supplies.....	11 59
O 6719	..do..	Library Bureau.....	..do.....	3 45
O 6720	..do..	Indian Refining Co.....	General supplies.....	46 21
O 6721	..do..	John H. Doyle.....	Apparatus supplies.....	25 93
O 6722	..do..	U. of I. Supply Store.....	Office supplies.....	25 13
O 6723	..do..	Knowlton & Bennett.....	General supplies.....	9 55
O 6724	..do..	Bacon Brothers.....	Turpentine and varnish.....	8 10
O 6725	..do..	E. H. Sargent & Co.....	Apparatus and supplies.....	57 96
O 6726	..do..	Champaign Steam Laundry.....	Laundry.....	20 70
O 6727	Mar. 11	W. A. Ruth.....	Traveling expenses.....	35 59
O 6728	..do..	Barnhart Brothers.....	Building material.....	4 05
O 6729	..do..	Illinois State Reformatory.....	Printing.....	95 65
O 6730	..do..	The Burr Co.....	Machine repairs.....	12 38
O 6731	..do..	D. H. Loyde.....	Office supplies.....	2 40
O 6732	..do..	Twin City Roofing Co.....	General supplies.....	7 90
O 6733	..do..	Flanigan-Pearson Co.....	Printing.....	237 43
O 6734	..do..	S. E. Huff & Co.....	General supplies.....	5 55
O 6735	..do..	Fred H. Rankin.....	Traveling expenses.....	147 07
O 6736	..do..	Mt. Hope Cemetery Assn.....	Rentals.....	30 00
O 6737	..do..	Pearl Adams.....	Labor.....	93 50
O 6738	..do..	University Club of Urbana and Cham- paign.....	Incidentals.....	5 00
O 6739	..do..	F. E. Rusher.....	Expert service.....	34 00
O 6740	..do..	E. W. Hitchcock.....	..do.....	3 50
O 6741	..do..	South Park Commissioners, Chicago.....	Traveling expenses.....	6 90
O 6742	..do..	Illinois Traction System.....	Freight.....	17 96
O 6743	..do..	A. A. Hinkley.....	Specimens.....	15 00
O 6744	..do..	F. M. Leslie.....	Furniture and fixtures.....	19 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 6745	Mar. 11	E. Van Alstine	Traveling expenses	\$ 8 84
O 6746	..do.	Harrison Fahnkopf	..do.	5 69
O 6747	..do.	F. W. Garrett	..do.	1 93
O 6748	..do.	George W. Nogle	Field expense	5 00
O 6749	..do.	J. C. Thorpe	Traveling expenses	6 77
O 6750	..do.	Charles McLean	Lectures	50 00
O 6751	..do.	H. P. Rusk	Traveling expenses	114 44
O 6752	..do.	O. S. Watkins	..do.	36 72
O 6753	..do.	J. Mack Tanner	..do.	6 36
O 6754	..do.	Tower Mfg. & Novelty Co.	Office supplies	3 30
O 6755	..do.	Henry H. Shufeldt & Co.	Laboratory supplies	112 83
O 6756	..do.	F. K. Robeson	..do.	172 50
O 6757	..do.	Twin City Electric Co.	..do.	6 60
O 6758	..do.	F. J. Burns & Co.	..do.	3 60
O 6759	..do.	John D. Bragg	Office supplies	2 50
O 6760	..do.	Edward S. Law	Laboratory supplies	8 00
O 6761	..do.	Ernst Hertzberg & Sons	Binding	1 23
O 6762	..do.	F. K. Robeson	Janitor's supplies	9 81
O 6763	..do.	Creamery Package Mfg. Co.	Laboratory supplies	1 40
O 6764	..do.	B. A. Strauch	Laboratory apparatus	1 00
O 6765	..do.	Beardsley Hotel Co.	Traveling expenses	1 50
O 6766	..do.	C. R. Richards	..do.	10 44
O 6767	..do.	Galena-Signal Oil Co.	Oil	15 55
O 6768	..do.	Champaign Daily Gazette	Advertising	3 60
O 6769	..do.	Meyer & Wenthe	Incidentals	2 00
O 6770	..do.	Herrick & Stoltey	Apparatus	5 90
O 6771	..do.	Western Valve Co.	Plumbing supplies	36 10
O 6772	..do.	Spring Handle Co.	Janitor's supplies	22 86
O 6773	..do.	Eisner Grocery Co.	Salt	2 60
O 6774	..do.	Jonathan Bartley Crucible Co.	Laboratory supplies	4 20
O 6775	..do.	Defender Photo Supply Co.	General supplies	7 53
O 6776	..do.	Sears, Roebuck & Co.	..do.	3 74
O 6777	..do.	Anseo Co.	..do.	6 05
O 6778	..do.	Carbondale Printing Co.	Printing	130 75
O 6779	..do.	John H. Doyle	Laboratory supplies	11 65
O 6780	..do.	Bacon Brothers	..do.	3 50
O 6781	..do.	Twin City Printing Co.	Printing	4 50
O 6782	..do.	F. W. Burnett	Feeding stock	46 12
O 6783	..do.	R. W. Braithwaite	Expert service	47 25
O 6784	..do.	Roy V. Edwards	Feeding stock	57 40
O 6785	..do.	Strauch Kodak Finishing Shop	General supplies	9 45
O 6786	..do.	International Press Clipping Bureau	Press clippings	5 00
O 6787	..do.	E. H. Sargent & Co.	Laboratory supplies	3 00
O 6788	..do.	W. Atlee Burpee & Co.	General supplies	1 15
O 6789	..do.	Lloyd Manical	Feeding stock	76 65
O 6790	..do.	Nathan R. Graves	General supplies	2 00
O 6791	..do.	F. M. Leslie	Furniture	6 00
O 6792	..do.	A. M. & L. A. Terwilliger	General supplies	4 40
O 6793	..do.	John Heffernan & Son	Laboratory apparatus	3 70
O 6794	..do.	The Holliday Box Co.	Office supplies	149 94
O 6795	..do.	The Crane Co.	Laboratory apparatus	1 40
O 6796	..do.	Society of American Bacteriologists	Laboratory supplies	3 32
O 6797	..do.	National Engraving Co.	Printing	5 70
O 6798	..do.	International Harvester Co.	Machine repairs	1 50
O 6799	..do.	Natural Phosphate Co.	General supplies	310 23
O 6800	..do.	Crosby Steam Gate & Valve Co.	Laboratory supplies	3 10
O 6801	..do.	Wm. Sellers & Co.	Apparatus	148 14
O 6802	..do.	John B. Bennett	General labor	29 05
O 6803	..do.	Cambria Steel Co.	Books	1 50
O 6804	..do.	Crossley Machine Co.	Apparatus repairs	19 28
O 6805	..do.	Foley Mfg. Co.	Building repairs	27 50
O 6806	..do.	Ernst Hertzberg & Sons	Books	3 09
O 6807	..do.	Chicago Fire Proof Storage Warehouse	Incidentals	4 50
O 6808	..do.	Beardsley Hotel Co.	..do.	4 00
O 6809	..do.	Remington Typewriter Co.	Office equipment	2 00
O 6810	..do.	Central Scientific Co.	Laboratory apparatus	2 08
O 6811	..do.	Borden's Condensed Milk Co.	Laboratory supplies	4 60
O 6812	..do.	Goodhart's Laundry	Laundry	51 15
O 6813	..do.	Huntley Dairy Co.	Laboratory supplies	3 60
O 6814	..do.	Mallory & Mitchell	Advertising	43 15
O 6815	..do.	Earle B. Math	Traveling expenses	25 38
O 6816	..do.	Ahrens & Schreiner	General supplies	7 50
O 6817	..do.	W. H. Heitbohmer	Building materials	1 27
O 6818	..do.	Truax, Greene & Co.	Laboratory supplies	1 05
O 6819	..do.	Chicago Daily News Co.	Advertising	1 75
O 6820	..do.	Morrison, Plummer & Co.	Laboratory supplies	19 00
O 6821	..do.	Library of Congress	General supplies	300 00
O 6822	Mar. 13	Pay roll	March, 1914	9,150 78
		Alexander, Lilla	Salary, March, 1914	\$65 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 6822 Ctd.	1914. Mar. 13	Alley, W. E.	Salary, March, 1914	\$ 85 00
		Amos, Winifred L.	do.	75 00
		Atkinson, C. E.	do.	141 66
		Beyer, Melinda L.	do.	75 00
		Blackwell, Mary.	do.	55 00
		Boice, L. A.	do.	125 00
		Bowen, Evalena.	do.	65 00
		Broadhurst, Tabitha J.	do.	75 00
		Brown, Ina M.	do.	60 00
		Bryan, Sarah E.	do.	70 00
		Buckles, Mildred.	do.	65 00
		Buckler, Helen I.	do.	60 00
		Burt, Ruth.	do.	50 00
		Cass, Elizabeth H.	do.	65 00
		Crawford, C. C.	do.	65 00
		Cover, Hazel.	do.	60 00
		Cunningham, H. E.	do.	166 66
		Custer, Emma L.	do.	75 00
		Dalton, C. E.	do.	50 00
		Durley, Franc A.	do.	50 00
		Emigh, Edith.	do.	70 00
		Feind, Frances.	do.	80 00
		Feldkamp, Amelia.	do.	50 00
		Fieg, Robert.	do.	50 00
		Foss, Margaret C.	do.	50 00
		Fraser, Viola.	do.	65 00
		Gage, Marjorie H.	do.	75 00
		Gallaher, Marion B.	do.	50 00
		Garwood, Frances.	do.	50 00
		Goetz, Antoinette.	do.	70 00
		Good, Elizabeth.	do.	50 00
		Gordon, Marie A.	do.	55 00
		Griffith, Mabel.	do.	70 00
		Halliday, Mable.	do.	60 00
		Hamilton, Mrs. Alice V.	do.	75 00
		Havens, Charles.	do.	120 00
		Hay, N.	do.	166 66
		Heater, Myrtle E.	do.	60 00
		Houchens, Josie B.	do.	83 33
		Hull, A. H.	do.	65 00
		Humrichouse, Katie L.	do.	50 00
		Kirwin, Nora.	do.	50 00
		Knapp, Aurella.	do.	75 00
		Knorr, L. E.	do.	150 00
		Lahr, Lawrence.	do.	50 00
		Lamb, Allie B.	do.	55 00
		Lee, A. R.	do.	91 66
		Leitz, Louise A.	do.	40 00
		Love, Mary E.	do.	65 00
		Luther, Cornelia M.	do.	40 00
		McConn, C. M.	do.	250 00
		McGehee, Hester Elizabeth.	do.	40 00
		McGurty, Agnes.	do.	83 33
		McIntire, W. A.	do.	50 00
		Manspeaker, L. Mae.	do.	83 33
		Meneley, Maude E.	do.	60 00
		Merchant, Donna.	do.	50 00
		Meseck, R.	do.	65 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
		Needham, Lucile.	do.	60 00
		Nyberg, Florence A.	do.	50 00
		Oberdorfer, H. D.	do.	208 33
		Packard, Bessie.	do.	75 00
		Peel, Elizabeth C.	do.	75 00
		Peel, Thomas.	do.	55 00
		Phelps, Vergil V.	do.	150 00
		Post, Frederick.	do.	75 00
		Postlewait Harriet L.	do.	55 00
		Potter, Mabel.	do.	75 00
		Pulling, Elizabeth.	do.	60 00
		Putnam, Persis.	do.	75 00
		Rein, Lillian E.	do.	50 00
		Renz, Myrtle.	do.	75 00
		Ricketts, Clara.	do.	60 00
		Riggs, Bess.	do.	30 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 6822 <i>Cid.</i>	1914. Mar. 13	Robertson, Nellie.....	Salary, March, 1914.....\$ 70 00	
		Rogers, Della M.....	do.....	40 00
		Scanlan, Mary.....	do.....	60 00
		Sharp, Bertha L.....	do.....	55 00
		Shaw, Hazel Y.....	do.....	65 00
		Shepard, Anna L.....	do.....	100 00
		Showers, T. J.....	do.....	125 00
		Slater, Sara M.....	do.....	60 00
		Smith, Florence E.....	do.....	75 00
		Smith, I. M.....	do.....	125 00
		Smith, Mayme L.....	do.....	65 00
		Staples, O. E.....	do.....	150 00
		States, Bertha G.....	do.....	50 00
		Stevens, Sabra.....	do.....	65 00
		Steitz, Alfred.....	do.....	85 00
		Stricklan, Freda O.....	do.....	65 00
		Thompson, M. E.....	do.....	90 00
		Towne, L. J.....	do.....	175 00
		Tuttle, G. P.....	do.....	100 00
		Tyrrell, Josephine.....	do.....	50 00
		Vaubel, D.....	do.....	60 00
		Voight, Lida E.....	do.....	83 33
		White, Loretta.....	do.....	70 00
		Winchester, B. L.....	do.....	50 00
		Wyninger, H. T.....	do.....	60 00
		Jester, Marie.....	do.....	55 00
		Johnson, J. J.....	do.....	50 00
		McMullen, Jennie B.....	do.....	50 00
		Hart, Eliza.....	do.....	50 00
		Ellis, E. R.....	do.....	50 00
		Exton, Edna M.....	do.....	35 00
		Flattery, Amanda.....	do.....	60 00
		Katz, Louise W.....	do.....	75 00
		Leonard, Russell.....	do.....	45 83
		Lonius, J. O.....	do.....	90 00
		Magruder, Ira W.....	do.....	70 00
		Paulus, William H.....	do.....	55 00
		Reld, Olive G.....	do.....	50 00
		Ressler, Milton.....	do.....	80 00
		Vanderbeek, H. J.....	do.....	65 00
		Wright, G. E.....	do.....	125 00
O 6823	do.....	Pay roll.....	March, 1914.....	\$ 63 44
		Berchtold, H. A.....	Wages, March 1911, 1914.....	15 00
		Doyle, B.....	do.....	20 32
		Hooker, W. A.....	do.....	10 12
		Welker, C.....	do.....	18 00
O 6824	do.....	Pay roll.....	March, 1914.....	109 17
		Disoway, M. D.....	do.....	16 13
		Fast, E. E.....	do.....	37 74
		Fitch, H. H.....	do.....	12 09
		McFadden, E. C.....	do.....	9 67
O 6825	do.....	Jaquet, G. E.....	do.....	33 54
		Pay roll.....	March, 1914.....	76,771 88
		Filbey, E. J.....	Salary, March, 1914.....	183 33
		James, Edmund J.....	do.....	1,000 00
		Frazer, George E.....	do.....	333 33
		Fair, Sue M.....	do.....	80 00
		Fiero, E. E. (Student).....	do.....	50 00
		Warnock, A. R.....	do.....	150 00
		Strong, Lillian.....	do.....	50 00
		Carrithers, I. R.....	do.....	60 00
		Fargo, R. N.....	do.....	120 00
		Gill, H. L.....	do.....	220 00
		Huff, G. A.....	do.....	416 66
		Jones, R. R.....	do.....	120 00
		Manley, E. J.....	do.....	90 00
		Pengilly, H. E.....	do.....	10 00
		Brooks, Verna.....	do.....	90 00
		Gaut, Rosa Lee.....	do.....	40 00
		Hitt, Agnes.....	do.....	20 00
		Hughitt, Anna L.....	do.....	100 00
		Landee, Marion C.....	do.....	90 00
		Moulton, Gertrude E.....	do.....	133 33
		Shoemaker, Dorothy-Ruth.....	do.....	70 00
		Webster, F. D.....	do.....	48 00
		Howes, H. E. (Student).....	do.....	20 00
		Westcott, C. H. (Student).....	do.....	20 00
		Prouty, E. C. (Student).....	do.....	20 00
		Berry, E. H. (Student).....	do.....	20 00



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 6825 Ctd.	1914. Mar. 13	Ousley, H. P. (Student).....	Salary, March, 1914.....	\$ 20 00
		Velzy, C. R. ....	do. ....	20 00
		Giehler, F. J. ....	do. ....	20 00
		Rich, P. C. ....	do. ....	20 00
		Hollister, H. A. ....	do. ....	270 83
		Ayer, T. P. (Student).....	do. ....	70 00
		Bollman, Minnie J. (Student).....	do. ....	32 50
		Branch, Nelle E. (Student).....	do. ....	32 50
		Breedis, John (Student).....	do. ....	18 00
		Britton, Floyd E. (Student).....	do. ....	30 00
		Christy, Glen (Student).....	do. ....	18 00
		Craig, Jennie A. ....	do. ....	80 00
		Drury, F. K. W. ....	do. ....	200 00
		Dunlap, Fannie (Student).....	do. ....	60 00
		Eppinger, J. G. (Student).....	do. ....	36 00
		Felsenthal, Emma. ....	do. ....	83 33
		Fontaine, E. O. (Student).....	do. ....	36 00
		Gibson, Mable H. (Student).....	do. ....	27 50
		Goulding, P. S. ....	do. ....	166 66
		Herdman, Margaret. ....	do. ....	75 00
		Hubbard, Marie E. (Student).....	do. ....	27 50
		Hutchins, Margaret. ....	do. ....	83 33
		Janvrin, Charles. ....	do. ....	41 66
		Johnson, Alice. ....	do. ....	83 33
		Jutton, Emma R. ....	do. ....	100 00
		Karsten, Eleanor G. ....	do. ....	100 00
		Leatherman, Marian. ....	do. ....	75 00
		Mitchell, Marguerite (Student).....	do. ....	65 00
		Patton, Adah. ....	do. ....	91 66
		Renich, Katharine L. (Student).....	do. ....	30 00
		Torrance, Mary. ....	do. ....	75 00
		Troy, Mary Z. (Student).....	do. ....	65 00
		Windsor, P. L. ....	do. ....	291 66
		Wyeth, Ola M. ....	do. ....	80 00
		Eldredge, A. G. ....	do. ....	250 00
		Kelley, R. L. (Student).....	do. ....	100 00
		Rice, G. B. ....	do. ....	250 00
		White, J. M. ....	do. ....	416 66
		Davenport, Eugene. ....	do. ....	500 00
		Powell, B. E. ....	do. ....	191 66
		Hieronymus, R. E. ....	do. ....	250 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. ....	200 00
		Rankin, F. H. ....	do. ....	291 66
		Allyn, Orr. ....	do. ....	83 33
		Aumer, J. P. ....	do. ....	150 00
		Binding, L. R. ....	do. ....	83 33
		Brunson, A. M. ....	do. ....	70 00
		Clevenger, C. B. ....	do. ....	70 00
		Dickinson, R. W. ....	do. ....	83 33
		Ellis, O. I. ....	do. ....	70 00
		Fahrnkopf, H. F. T. ....	do. ....	70 00
		Garrett, F. W. ....	do. ....	100 00
		Gentle, G. E. ....	do. ....	70 00
		Gilkerson, H. C. ....	do. ....	70 00
		Heck, A. F. ....	do. ....	70 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
		Sachs, W. H. ....	do. ....	133 33
		Schoonover, W. R. ....	do. ....	70 00
		Snider, H. J. ....	do. ....	70 00
		VanAlstine, E. D. ....	do. ....	175 00
		Walworth, E. H. ....	do. ....	70 00
		Wascher, F. M. W. ....	do. ....	100 00
		Wheeler, H. C. ....	do. ....	150 00
		Hall, L. D. ....	do. ....	112 50
		Perry, Leonora. ....	do. ....	100 00
		Wells, J. R. ....	do. ....	83 33
		Clark, E. M. ....	do. ....	75 00
		Harding, H. A. ....	do. ....	416 66
		Pearson, F. A. ....	do. ....	91 66
		Weeter, Harry M. ....	do. ....	83 33
		Bailey, E. W. ....	do. ....	175 00
		Blair, J. C. ....	do. ....	416 66

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 6825 Ctd.	1914. Mar. 13	Gunderson, A. J. ....	Salary, March, 1914 ....	\$100 00
		Harper, Julia A. ....	do. ....	65 00
		Hutchinson, James. ....	do. ....	100 00
		Muncie, F. W. ....	do. ....	83 33
		Peltier, G. L. ....	do. ....	83 33
		Ress, C. C. ....	do. ....	41 66
		Ruth, W. A. ....	do. ....	150 00
		Sayre, C. B. ....	do. ....	70 00
		Bevier, Isabel. ....	do. ....	250 00
		Crigler, Nina B. ....	do. ....	116 66
		Fleming, Georgia. ....	do. ....	100 00
		Goldthwaite, Nellie. ....	do. ....	187 50
		Gray, Cora E. ....	do. ....	116 66
		Harrison, Florence. ....	do. ....	100 00
		Parsons, Maud. ....	do. ....	116 66
		Pincomb, Helena M. ....	do. ....	133 33
		Seymour, Lurene. ....	do. ....	150 00
		Stevens, Grace E. ....	do. ....	110 00
		Wheeler, Ruth. ....	do. ....	141 66
		Richards, C. R. ....	do. ....	479 16
		Ash, Percy. ....	do. ....	208 33
		Burton, S. C. ....	do. ....	140 00
		Clark, C. R. ....	do. ....	166 66
		Corrubia, A. B. M. ....	do. ....	160 00
		Cowley, F. K. ....	do. ....	120 00
		Fehrenkamp, Winifred. ....	do. ....	70 00
		Forsythe, J. H. ....	do. ....	150 00
		Jones, R. T. ....	do. ....	160 00
		Kellogg, J. M. ....	do. ....	150 00
		Kimball, A. H. ....	do. ....	150 00
		Provine, L. H. ....	do. ....	291 66
		Ricker, N. C. ....	do. ....	291 66
		Titcomb, W. C. ....	do. ....	175 00
		Wells, N. A. ....	do. ....	104 16
		Math, Earle R. ....	do. ....	140 00
		Muehlman, Ralph E. ....	do. ....	140 00
		Baker, I. O. ....	do. ....	333 33
		Bowling, B. L. ....	do. ....	83 33
		Davis, R. E. ....	do. ....	120 00
		Garver, N. B. ....	do. ....	141 66
		McDaniel, A. B. ....	do. ....	229 16
		Mills, Guy G. ....	do. ....	90 00
		Parcel, J. I. ....	do. ....	208 33
		Pickels, G. W. ....	do. ....	150 00
		Raynor, W. H. ....	do. ....	130 00
		Smith, J. E. ....	do. ....	150 00
		Wiley, C. C. ....	do. ....	141 66
		Wilson, W. M. ....	do. ....	183 33
		Biegler, P. S. ....	do. ....	166 66
		Brooks, Morgan. ....	do. ....	250 00
		Bryant, J. M. ....	do. ....	229 16
		Fisk, I. W. ....	do. ....	133 33
		James, L. V. ....	do. ....	133 33
		Knight, A. R. ....	do. ....	150 00
		Paine, E. B. ....	do. ....	250 00
		Waldo, E. H. ....	do. ....	166 66
		Moore, Charles R. ....	do. ....	130 00
		Beach, Robin. ....	do. ....	100 00
		Crane, Rufus. ....	do. ....	100 00
		Jordan, H. H. ....	do. ....	140 00
		Miller, H. W. ....	do. ....	183 33
		Nelson, W. S. ....	do. ....	30 00
		Porter, F. M. ....	do. ....	125 00
		Rugg, H. O. ....	do. ....	150 00
		Steward, R. K. ....	do. ....	141 66
		Benedict, B. W. ....	do. ....	291 66
		Dent, J. A. ....	do. ....	150 00
		Domonske, A. B. ....	do. ....	140 00
		Duncan, J. M. ....	do. ....	90 00
		Eames, H. S. ....	do. ....	140 00
		Gross, G. A. ....	do. ....	150 00
		Frisk, J. A. ....	do. ....	91 66
		Godeke, H. F. ....	do. ....	130 00
		Goodenough, G. A. ....	do. ....	291 66
		Harding, L. A. ....	do. ....	291 66
		Kennedy, R. E. ....	do. ....	150 00
		Lanham, E. T. ....	do. ....	120 00
		Leutwiler, O. A. ....	do. ....	241 66
		Pendleton, J. C. ....	do. ....	100 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 6825 Ctd.	1914. Mar. 13	Radebaugh, G. H.	Salary, March, 1914	\$110 00
		Rebman, P. J.	do.	80 00
		Scroggin, D. L.	do.	120 00
		Torrance, F. C.	do.	110 00
		Waterfall, H. W.	do.	130 00
		Willard, A. C.	do.	200 00
		Holbrook, E. A.	do.	208 33
		Stoek, H. H.	do.	416 66
		Young, L. E.	do.	150 00
		Babbitt, H. E.	do.	140 00
		Boomsliter, G. P.	do.	170 00
		Enger, M. L.	do.	187 50
		Ensign, N. E.	do.	150 00
		Fleming, V. R.	do.	150 00
		Gardner, Harry	do.	140 00
		Gonnerman, H. F.	do.	150 00
		Noerenberg, C. E.	do.	170 00
		Seely, F. B.	do.	170 00
		Talbot, A. N.	do.	416 66
		Vallance, Alexander	do.	140 00
		Blair, W. H.	do.	50 00
		Carman, A. P.	do.	416 66
		Jones, L. T.	do.	95 00
		Karrer, Sebastian	do.	70 00
		Knipp, C. T.	do.	233 33
		Kunz, Jacob	do.	208 33
		Nathanson, J. B.	do.	50 00
		Schulz, W. F.	do.	183 33
		Randolph, O. A.	do.	90 00
		Shook, G. A.	do.	120 00
		Smith, O. H.	do.	95 00
		Watson, F. R.	do.	229 16
		Warner, E. H.	do.	80 00
		Williams, E. H.	do.	141 66
		Hayes, J. B.	do.	90 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
		Abrams, D. A.	do.	150 00
		Chittenden, A. K.	do.	229 16
		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
		Yensen, T. D.	do.	133 33
		Andros, S. O.	do.	175 00
		Decker, E. H.	do.	291 66
		Green, Frederick	do.	291 66
		Hale, W. G.	do.	291 66
		Harker, O. A.	do.	416 66
		Pomeroy, J. N.	do.	208 33
		Vernier, C. G.	do.	291 66
		Cassidy, H. M. (Student)	do.	25 00
		Pillsbury, W. H.	do.	200 00
		Little, R. F.	do.	50 00
		Andrews, O. M.	do.	83 33
		Babcock, K. C.	do.	416 66
		Meyer, G. H.	do.	229 16
		Waddell, Mary L.	do.	70 00
		Bradbury, C. E.	do.	120 00
		Kelley, C. F.	do.	150 00
		Lake, E. J.	do.	187 50
		Wetmore, Mary M.	do.	150 00
		Bond, J. J. D.	do.	30 00
		Reed, F. W.	do.	140 00
		Stebbins, Joel	do.	291 66
		Burton, L. V.	do.	60 00
		Newell, C. R.	do.	100 00
		Rahn, Otto	do.	225 00
		Brigham, R. O.	do.	60 00
		Hague, Stella M.	do.	90 00
		Hottes, C. F.	do.	250 00
		Lamkey, E. M. R.	do.	60 00
		LeCato, J. M.	do.	60 00
		McDougall, W. B.	do.	120 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 6825 Ctd.	1914. Mar. 13	Parr, Rosalie M. ....	Salary, March, 1914 ....	\$ 80 00
		Scherfee, S. H. ....	do. ....	30 00
		Stevens, F. L. ....	do. ....	333 33
		Trelease, William. ....	do. ....	416 66
		Waggoner, H. D. ....	do. ....	60 00
		Whitten, J. H. ....	do. ....	60 00
		Hursh, R. K. ....	do. ....	150 00
		Radcliffe, B. S. ....	do. ....	120 00
		Rand, C. C. ....	do. ....	80 00
		Stull, R. T. ....	do. ....	250 00
		Williams, A. E. ....	do. ....	125 00
		Anders, P. ....	do. ....	100 00
		Adams, W. C. ....	do. ....	10 00
		Allen, C. H. ....	do. ....	50 00
		Baker, R. E. ....	do. ....	35 00
		Balke, C. W. ....	do. ....	250 00
		Ball, T. R. ....	do. ....	60 00
		Bates, S. J. ....	do. ....	100 00
		Beal, G. D. ....	do. ....	140 00
		Braley, S. A. ....	do. ....	30 00
		Broderson, H. J. ....	do. ....	120 00
		Carter, H. M. ....	do. ....	30 00
		Charlton, E. E. ....	do. ....	30 00
		Clark, K. A. ....	do. ....	35 00
		Cohn, Alexander. ....	do. ....	10 00
		Darrah, Juanita E. ....	do. ....	30 00
		Derick, C. G. ....	do. ....	166 66
		Eckstein, C. H. ....	do. ....	10 00
		Engle, E. W. ....	do. ....	50 00
		Englis, D. T. ....	do. ....	30 00
		Foster, L. F. ....	do. ....	50 00
		Gilmore, R. E. ....	do. ....	30 00
		Hecker, C. H. ....	do. ....	100 00
		Hess, R. W. ....	do. ....	50 00
		Honovski, B. R. ....	do. ....	80 00
		Hopkins, B. S. ....	do. ....	140 00
		Janson, J. M. ....	do. ....	10 00
		Kamm, Oliver. ....	do. ....	60 00
		Kremmers, H. C. ....	do. ....	30 00
		Lewis, H. F. ....	do. ....	50 00
		MacArthur, C. G. ....	do. ....	150 00
		MacInnes, D. A. ....	do. ....	140 00
		Manuel, W. A. ....	do. ....	30 00
		Marquis, S. D. ....	do. ....	30 00
		Nelson, R. A. ....	do. ....	10 00
		Noyes, W. A. ....	do. ....	416 66
		Parr, S. W. ....	do. ....	333 33
		Prasil, Anton. ....	do. ....	10 00
		Read, J. W. ....	do. ....	60 00
		Rich, P. C. ....	do. ....	10 00
		Ruby, G. B. ....	do. ....	10 00
		Scholl, Clarence. ....	do. ....	30 00
		Sears, G. W. ....	do. ....	60 00
		Sievert, C. W. J. ....	do. ....	10 00
		Sims, C. E. ....	do. ....	10 00
		Skinner, G. S. ....	do. ....	30 00
		Smith, G. M. ....	do. ....	166 66
		Smith, L. D. ....	do. ....	100 00
		Snook, J. D. ....	do. ....	10 00
		Straw, W. A. ....	do. ....	10 00
		Taylor, E. H. ....	do. ....	30 00
		Taylor, S. C. ....	do. ....	50 00
		Thorp, Lambert. ....	do. ....	120 00
		Tippett, R. W. ....	do. ....	30 00
		Valentine, H. D. ....	do. ....	30 00
		VanZoeren, G. J. ....	do. ....	60 00
		Washburn, E. W. ....	do. ....	291 66
		Weber, H. C. P. ....	do. ....	166 66
		Weiland, H. J. ....	do. ....	35 00
		Wichers, Edward. ....	do. ....	30 00
		Wildman, E. A. ....	do. ....	50 00
		Lyman, L. T. ....	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. ....	200 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 6825 Ctd.	1914. Mar. 13	Dewsnup, E. R. ....	Salary, March, 1914 ....	\$250 00
		Litman, Simon .....	do. ....	208 33
		Prickett, A. L. ....	do. ....	40 00
		Robinson, M. H. ....	do. ....	250 00
		Samuels, T. W. ....	do. ....	40 00
		Scoville, H. T. ....	do. ....	200 00
		Stewart, C. L. ....	do. ....	70 00
		Thompson, C. M. ....	do. ....	180 00
		Thompson, J. G. ....	do. ....	180 00
		Weston, N. A. ....	do. ....	250 00
		Anderson, L. F. ....	do. ....	229 16
		Bagley, W. C. ....	do. ....	416 66
		Coffman, L. D. ....	do. ....	291 66
		Hallquest, A. L. ....	do. ....	50 00
		Harlan, C. L. ....	do. ....	50 00
		Johnson, C. H. ....	do. ....	291 66
		Miller, W. S. ....	do. ....	150 00
		Alden, R. M. ....	do. ....	375 00
		Baldwin, E. C. ....	do. ....	175 00
		Boyer, C. V. ....	do. ....	140 00
		Buchen, W. A. ....	do. ....	150 00
		Clark, T. A. ....	do. ....	500 00
		Creek, H. L. ....	do. ....	140 00
		Curl, M. J. ....	do. ....	140 00
		Dixon, R. E. ....	do. ....	110 00
		Dodge, D. K. ....	do. ....	270 83
		Fulton, Edward. ....	do. ....	175 00
		Goodwin, T. G. ....	do. ....	100 00
		Guild, T. H. ....	do. ....	125 00
		Gwinn, Alta. ....	do. ....	90 00
		Harbarger, Sada A. ....	do. ....	100 00
		Jones, E. S. ....	do. ....	120 00
		Jones, H. S. V. ....	do. ....	183 33
		Jordan, J. C. ....	do. ....	100 00
		Kelso, Ruth. ....	do. ....	100 00
		Kyle, Martha J. ....	do. ....	180 00
		Loomis, R. S. ....	do. ....	120 00
		McJohnston, Harrison. ....	do. ....	120 00
		Paul, H. G. ....	do. ....	208 33
		Rinaker, Clarissa. ....	do. ....	110 00
		Sarett, L. R. ....	do. ....	100 00
		Schoeppele, Gertrude. ....	do. ....	130 00
		Scott, F. W. ....	do. ....	200 00
		Sherman, S. P. ....	do. ....	308 33
		Stanley, T. B. ....	do. ....	50 00
		Sutcliffe, E. G. ....	do. ....	100 00
		Tieje, A. J. ....	do. ....	120 00
		Whicher, G. F. ....	do. ....	110 00
		Woolbert, C. H. ....	do. ....	166 66
		Zeitlin, Jacob. ....	do. ....	133 33
		Folsom, J. W. ....	do. ....	208 33
		Forbes, S. A. ....	do. ....	83 33
		Glasgow, Dr. Robert D. ....	do. ....	120 00
		MacGillivray, A. D. ....	do. ....	250 00
		Peterson, Alvah. ....	do. ....	60 00
		Bayley, W. S. ....	do. ....	250 00
		Fleener, F. L. ....	do. ....	40 00
		Heitkamp, G. W. ....	do. ....	40 00
		Rich, J. L. ....	do. ....	150 00
		Rolfe, C. W. ....	do. ....	250 00
		Ross, C. S. ....	do. ....	40 00
		Savage, T. E. ....	do. ....	208 33
		Thompson, David. ....	do. ....	40 00
		Barto, P. S. ....	do. ....	100 00
		Brooks, N. C. ....	do. ....	208 33
		Flom, G. T. ....	do. ....	233 33
		Goebel, Julius. ....	do. ....	312 50
		Green, Alexander. ....	do. ....	120 00
		Held, F. E. ....	do. ....	50 00
		Koller, A. H. ....	do. ....	130 00
		Lessing, O. E. ....	do. ....	291 66
		Poor, C. M. ....	do. ....	150 00
		Spindler, G. W. ....	do. ....	50 00
		Williams, C. A. ....	do. ....	150 00
		Zucker, A. E. ....	do. ....	50 00
		Alvord, C. W. ....	do. ....	145 83
		Brush, Elizabeth P. ....	do. ....	90 00
		Buck, S. J. ....	do. ....	150 00
		Cole, A. C. ....	do. ....	150 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 6825 Ctd.	1914. Mar. 13	Duncalf, Frederick	Salary, March, 1914	\$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
		Borger, R. L.	do.	125 00
		Burns, Josephine E.	do.	100 00
		Chittenden, E. W.	do.	120 00
		Crathorne, A. R.	do.	166 66
		Denton, W. W.	do.	140 00
		Emch, Arnold	do.	187 50
		Hebbert, C. M.	do.	60 00
		Kempner, A. J.	do.	140 00
		Lytle, E. B.	do.	150 00
		Miller, G. A.	do.	291 66
		Rietz, H. L.	do.	158 33
		Rowland, S. A.	do.	75 00
		Rutledge, George	do.	60 00
		Shaw, J. B.	do.	229 16
		Sisam, C. H.	do.	183 33
		Smith, G. W.	do.	60 00
		Stouffer, E. B.	do.	130 00
		Townsend, E. J.	do.	333 33
		Wahlin, G. E.	do.	116 66
		Zels, H. C.	do.	60 00
		Beard, J. H.	do.	130 00
		Burge, W. E.	do.	183 33
		Neill, Alma J.	do.	60 00
		Bode, B. H.	do.	291 66
		Daniels, A. H.	do.	333 33
		Geyer, D. L.	do.	50 00
		Shepherd, Queen L.	do.	110 00
		Dodd, W. F.	do.	191 66
		Garner, J. W.	do.	333 33
		Hanford, A. C.	do.	50 00
		Mathews, J. M.	do.	150 00
		Storey, Russell M.	do.	100 00
		Bentley, Madison	do.	270 83
		Ruckmich, C. A.	do.	130 00
		Sutherland, A. H.	do.	150 00
		Vance, T. J.	do.	90 00
		Allen, Louis	do.	45 00
		Beck, J. B.	do.	166 66
		Carnahan, D. H.	do.	112 50
		Carry, Charles	do.	110 00
		Eppels, Joseph	do.	90 00
		FitzGerald, J. D., II.	do.	225 00
		Moore, O. H.	do.	120 00
		Oliver, T. E.	do.	250 00
		Shulters, J. R.	do.	80 00
		Seymour, A. R.	do.	191 66
		Turner, L. M.	do.	150 00
		Wesenberg, T. G.	do.	90 00
		Hayes, E. C.	do.	275 00
		Todd, A. J.	do.	141 66
		Adams, C. C.	do.	137 50
		Chenoweth, H. E.	do.	30 00
		Cobb, Margaret V.	do.	30 00
		Faust, E. C.	do.	60 00
		Green, Bessie R.	do.	60 00
		Hanson, F. B. (Student)	do.	60 00
		Heimbürger, H. V.	do.	60 00
		Johnson, Gertrude	do.	40 00
		Kingsley, J. S.	do.	291 66
		Linkins, R. H.	do.	60 00
		May, H. G.	do.	30 00
		Smith, Frank	do.	250 00
		Stunkard, H. W.	do.	30 00
		VanCleave, H. J.	do.	120 00
		Ward, H. B.	do.	416 66
		Wells, Grace E.	do.	30 00
		Zeleny, Charles	do.	250 00
		Kinley, David	do.	583 33
		Wright, A. B.	do.	50 00
		Austin, Louise	do.	25 00
		Bayley, Paul	do.	25 00
		Blaney, Lillian	do.	25 00
		Brandner, A. R.	do.	25 00
		Browne, Lois A.	do.	25 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
OJ 6825 Ctd.	1914.			
	Mar. 13	Clark, Helen.....	Salary, March, 1914.....	\$ 25 00
		Coultas, Lois M.....	do.....	25 00
		Cushing, Helen I.....	do.....	25 00
		Dewey, Ida B.....	do.....	25 00
		Fisher, L. N.....	do.....	25 00
		Garman, Philip.....	do.....	25 00
		Haskett, Aloa A.....	do.....	25 00
		Heck, A. O.....	do.....	25 00
		Ingels, Nelle L.....	do.....	25 00
		Kile, Jessie J.....	do.....	25 00
		Knight, C. K.....	do.....	25 00
		Knoche, Viola E.....	do.....	25 00
		Lamb, B. F.....	do.....	25 00
		Lantz, C. W.....	do.....	25 00
		Lawrence, Matthew.....	do.....	25 00
		Lincoln, Warren.....	do.....	25 00
		McKenna, E. L.....	do.....	25 00
		Mathews, Howard.....	do.....	25 00
		Miles, Lois M.....	do.....	25 00
		Miller, Jessie F.....	do.....	25 00
		Pasmore, D. F.....	do.....	25 00
		Parker, Karr.....	do.....	25 00
		Partridge, N. L.....	do.....	25 00
		Paulson, P. A.....	do.....	25 00
		Ray, S. H.....	do.....	25 00
		Reeves, H. P.....	do.....	25 00
		Schinnerer, O. P.....	do.....	25 00
		Shewhart, W. A.....	do.....	25 00
		Siebens, Thekla M.....	do.....	25 00
		Stevens, W. E.....	do.....	25 00
		Stokes, C. N.....	do.....	25 00
		Sullivan, W. W.....	do.....	25 00
		Theilen, Margaret K.....	do.....	25 00
		Thoreen, Edna A.....	do.....	25 00
		Thorne, Mabel E.....	do.....	25 00
		Wilber, A. S.....	do.....	25 00
		Wilson, W. H.....	do.....	25 00
		Wolf, H. C.....	do.....	25 00
		Wolfe, W. S.....	do.....	25 00
		Brown, R. W.....	do.....	35 00
		Carroll, W. E.....	do.....	40 00
		Clark, F. E.....	do.....	35 00
		Conel, J. L.....	do.....	35 00
		Cort, W. W.....	do.....	30 00
		Farwell, S. P.....	do.....	40 00
		Fracker, S. B.....	do.....	35 00
		Gittins, Elizabeth M.....	do.....	30 00
		Gutberlet, J. E.....	do.....	40 00
		Harder, O. E.....	do.....	30 00
		Heuse, E. O.....	do.....	40 00
		Holley, C. E.....	do.....	35 00
		Howard, J. W.....	do.....	30 00
		Johnson, Morris.....	do.....	30 00
		Kircher, E. A. T.....	do.....	40 00
		Lehenbauer, P. A.....	do.....	40 00
		Macfarlane, Wallace.....	do.....	35 00
		McGregor, H. H.....	do.....	35 00
		Mathewson, L. C.....	do.....	40 00
		Millard, E. B.....	do.....	40 00
		Miller, J. E.....	do.....	35 00
		Peine, A. F.....	do.....	35 00
		Russell, F. A.....	do.....	35 00
		Voegelien, Lily B.....	do.....	30 00
		Watson, Minnie E.....	do.....	35 00
		Wright, Quincy.....	do.....	30 00
		Wyatt, F. A.....	do.....	35 00
		Belt, J. H.....	do.....	50 00
		Hadley, H. F.....	do.....	50 00
		McDermet, Rudolph.....	do.....	50 00
		Maney, G. A.....	do.....	50 00
		Montgomery, Julian.....	do.....	50 00
		Nebel, M. L.....	do.....	50 00
		Pogue, R. B.....	do.....	50 00
		Thomas, H. R.....	do.....	50 00
		Wohlenberg, W. J.....	do.....	50 00
		Bond, Ethel.....	do.....	83 33
		Curtis, Florence E.....	do.....	133 33
		Reece, E. J.....	do.....	133 33
		Simpson, Frances.....	do.....	166 66

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 6825	Mar. 13	Harding, A. A. ....	Salary, March, 1914 ....	\$180 00
<i>Cid.</i>		Kirkup, Florence M. ....	..do. ....	100 00
		Mills, C. H. ....	..do. ....	225 00
		Morphy, E. W. ....	..do. ....	170 00
		Nasmyth, H. D. ....	..do. ....	170 00
		Schwartz, G. F. ....	..do. ....	183 33
		Simon, Anna. ....	..do. ....	100 00
		Smith, Constance-Barlow. ....	..do. ....	166 66
		Townsend, L. L. ....	..do. ....	120 00
		Treat, Edna A. ....	..do. ....	100 00
		Van den Berg, H. J. ....	..do. ....	180 00
		Colson, H. W. ....	..do. ....	100 00
		Clark, A. H. ....	..do. ....	150 00
		Day, W. B. ....	..do. ....	208 33
		Eicher, B. L. ....	..do. ....	100 00
		Gathercoal, E. N. ....	..do. ....	130 00
		Snow, C. M. ....	..do. ....	150 00
		Bartow, Edward. ....	..do. ....	333 33
		Ferguson, H. F. ....	..do. ....	90 00
		Hanford, W. W. ....	..do. ....	60 00
		Hinds, M. E. ....	..do. ....	70 00
		Huenink, H. L. ....	..do. ....	70 00
		Mohlman, F. W. ....	..do. ....	70 00
		Schnellbach, J. F. ....	..do. ....	75 00
		Sjblom, M. C. ....	..do. ....	75 00
		Tanner, F. W. ....	..do. ....	70 00
		McIntosh, Donald. ....	..do. ....	208 33
O 6826	..do. ....	O. E. Staples, Bursar. ....	General labor. ....	\$334 74
O 6827	..do. ....	O. E. Staples, Bursar. ....	..do. ....	99 96
O 6828	..do. ....	O. E. Staples, Bursar. ....	Student labor. ....	455 99
O 6829	..do. ....	O. E. Staples, Bursar. ....	..do. ....	320 49
O 6830	..do. ....	O. E. Staples, Bursar. ....	Express bills paid. ....	22 69
O 6831	..do. ....	A. Daigger & Co. ....	Laboratory supplies. ....	13 60
O 6832	..do. ....	Maas Brothers. ....	Janitor's supplies. ....	27 47
O 6833	..do. ....	V. Mueller & Co. ....	Laboratory supplies. ....	57 35
O 6834	..do. ....	H. H. Stook. ....	Traveling expenses. ....	71 74
O 6835	..do. ....	R. E. Hieronymus. ....	..do. ....	49 24
O 6836	..do. ....	V. Mueller & Co. ....	Laboratory supplies. ....	41 95
O 6837	..do. ....	Bennett's Newspaper Agency. ....	Magazines. ....	91 60
O 6838	..do. ....	Chicago Towel Co. ....	Laundry. ....	56 56
O 6839	..do. ....	Hamblin Plumbing Co. ....	Plumbing. ....	47 33
O 6840	..do. ....	Leavitt Mfg. Co. ....	Apparatus repairs. ....	16 34
O 6841	..do. ....	Flanigan-Pearson Co. ....	Printing. ....	61 25
O 6842	..do. ....	Chas. A. Hall Hardware Co. ....	Farm machinery. ....	1 50
O 6843	..do. ....	Chester Transfer Co. ....	Traveling expenses. ....	7 75
O 6844	..do. ....	Illinois State Reformatory. ....	Printing. ....	84 85
O 6845	..do. ....	J. C. Thomas. ....	Laboratory supplies. ....	4 26
O 6846	..do. ....	Reliable Plumbing & Heating Co. ....	..do. ....	3 35
O 6847	..do. ....	Vaughan's Seed Store. ....	General supplies. ....	3 00
O 6848	..do. ....	C. A. Denman. ....	Furniture repairs. ....	149 10
O 6849	..do. ....	W. S. Perrine. ....	Traveling expenses. ....	9 16
O 6850	..do. ....	Ralph Chaplin. ....	Field expense. ....	10 50
O 6851	..do. ....	I. O. Baker. ....	Traveling expenses. ....	5 95
O 6852	..do. ....	J. M. Lindgren. ....	Analyses. ....	97 75
O 6853	..do. ....	A. F. Gustafson. ....	Traveling expenses. ....	18 72
O 6854	..do. ....	O. S. Fisher. ....	..do. ....	17 97
O 6855	..do. ....	J. R. Midyett. ....	Field expenses. ....	19 10
O 6856	..do. ....	Elmer Musgrove. ....	Traveling expenses. ....	4 60
O 6857	..do. ....	E. E. Hoskins. ....	..do. ....	9 36
O 6858	..do. ....	H. J. Snider. ....	Field expenses. ....	16 56
O 6859	..do. ....	Harry C. Gilkerson. ....	Traveling expenses. ....	14 99
O 6860	..do. ....	J. E. Whitechurch. ....	..do. ....	30 50
O 6861	..do. ....	B. E. Powell. ....	..do. ....	9 83
O 6862	..do. ....	Fred H. Rankin. ....	Incidentals. ....	11 50
O 6863	..do. ....	Central Scientific Co. ....	Laboratory supplies. ....	1 40
O 6864	..do. ....	University Hospital of Chicago. ....	Hospital service. ....	293 25
O 6865	..do. ....	Ella R. Michaels. ....	Furniture repairs. ....	11 00
O 6866	..do. ....	J. M. Smith. ....	Machine repairs. ....	1 35
O 6867	..do. ....	Demonstrators' Assn. of Illinois. ....	Laboratory supplies. ....	60 00
O 6868	..do. ....	Nana B. Moore. ....	..do. ....	80 00
O 6869	..do. ....	Central Electric Co. ....	Electrical supplies. ....	69 83
O 6870	..do. ....	J. C. Howser. ....	Traveling expenses and services. ....	57 43
O 6871	..do. ....	Earl Garver. ....	Traveling expenses. ....	7 45
O 6872	..do. ....	C. C. Logan. ....	..do. ....	20 43
O 6873	..do. ....	Henry A. Dreer, Inc. ....	Laboratory supplies. ....	2 20
O 6874	..do. ....	Braun & Co. ....	Supplies. ....	3 75
O 6875	..do. ....	Johns Hopkins University. ....	Apparatus repairs. ....	15 00
O 6876	Mar. 14	J. W. Dunlap. ....	Machine repairs. ....	11 30
O 6877	..do. ....	Freeman-Sweet Co. ....	General supplies. ....	25 00



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 6878	Mar. 14	Whitall-Tatum Co. ....	Laboratory supplies.....	\$ 26 98
O 6879	..do..	Bennett's Newspaper & Magazine Agency	Magazine.....	1 50
O 6880	..do..	Weil Brothers.....	General supplies.....	3 98
O 6881	..do..	Hunter, Rourke & Co.....	Building repairs.....	3 25
O 6882	..do..	Monash-Yunker Co.....	Laboratory apparatus.....	37 60
O 6883	..do..	General Electric Co.....	..do.....	16 25
O 6884	..do..	The Jaenecke Printing Ink Co.....	Supplies.....	1 44
O 6885	..do..	Frederick Post Co.....	Laboratory supplies.....	2 45
O 6886	..do..	Stipes & Hecker.....	Sand.....	67 34
O 6887	..do..	T. W. Wood & Sons.....	Laboratory supplies.....	1 21
O 6888	..do..	R. W. Braithwaite.....	Supplies.....	3 75
O 6889	..do..	Society of American Bacteriologists.....	Laboratory supplies.....	5 00
O 6890	..do..	S. M. Branden.....	Rents.....	117 60
O 6891	..do..	S. M. Braden.....	Field expenses.....	195 67
O 6892	..do..	Eisner Grocery Co.....	Cafeteria supplies.....	46 94
O 6893	..do..	Barnhart Brothers.....	Laboratory apparatus.....	31 90
O 6894	..do..	Weil Brothers.....	Plumbing supplies.....	15 27
O 6895	..do..	F. K. Robeson.....	Supplies.....	11 70
O 6896	..do..	Urbana and Champaign Railway Gas & Electric Co.....	Gas.....	481 43
O 6897	..do..	American Radiator Co.....	Plumbing supplies.....	3 17
O 6898	..do..	G. C. Willis.....	Supplies.....	10 00
O 6899	..do..	Twin City Ice & Cold Storage Co.....	Laboratory supplies.....	4 00
O 6900	..do..	L. C. Smith & Bros. Typewriter Co.....	Office equipment repairs.....	4 50
O 6901	..do..	Reliable Plumbing & Heating Co.....	Laboratory apparatus.....	15 90
O 6902	..do..	Mrs. Jennie Barlow.....	Lectures.....	25 00
O 6903	..do..	F. M. Leslie.....	Laboratory supplies.....	6 00
O 6904	..do..	Felix F. Daus Duplicator Co.....	Office equipment.....	5 15
O 6905	..do..	Keystone Type Foundry.....	Supplies.....	1 97
O 6906	..do..	Galesburg Buggy Co.....	Clover seed.....	32 94
O 6907	..do..	Burroughs Adding Machine Co.....	Office supplies.....	1 00
O 6908	..do..	G. John Van Zoeren.....	Laboratory apparatus.....	36 00
O 6909	..do..	Ennis Hay Co.....	Feeding stuffs.....	105 10
O 6910	..do..	Urbana Courier Co.....	Printing.....	16 00
O 6911	..do..	Wingert & Clevidence.....	Fencing.....	3 99
O 6912	..do..	Vaughans Seed Store.....	Supplies and apparatus.....	8 13
O 6913	..do..	C. R. Gibson.....	Supplies.....	3 50
O 6914	..do..	W. L. Vansant.....	Books.....	1 50
O 6915	..do..	The Marchbanks Press.....	Printing.....	4 50
O 6916	..do..	Henry C. Tufts.....	Laboratory and office supplies.....	9 15
O 6917	..do..	Warren Lincoln.....	Laboratory supplies.....	2 25
O 6918	..do..	Manhattan Ele Supply Co.....	Laboratory apparatus.....	15 56
O 6919	..do..	B. E. Spalding.....	Laboratory supplies.....	1 90
O 6920	..do..	Mrs. Mary Kilbury.....	Live stock.....	9 00
O 6921	..do..	D. T. Dobbins.....	Feeding stuffs.....	6 48
O 6922	..do..	Royal A. Stipes.....	Supplies.....	3 30
O 6923	..do..	J. W. Butler Paper Co.....	Printing.....	19 29
O 6924	..do..	Dielectric Mfg. Co.....	Laboratory supplies.....	2 40
O 6925	..do..	National Board of Fire Underwriters.....	Supplies.....	7 50
O 6926	..do..	Denver Fire Clay Co.....	Laboratory supplies.....	4 14
O 6927	..do..	Gulick Tailoring Co.....	Incidentals.....	1 50
O 6928	..do..	Sweet, Wallach & Co.....	Laboratory supplies.....	4 00
O 6929	..do..	H. W. Stunkard.....	Specimens.....	9 00
O 6930	..do..	Herbert W. Mumford.....	Traveling expenses.....	8 94
O 6931	..do..	Franz A. Aust.....	..do.....	53 60
O 6932	Mar. 17	McIntosh Steriopticon Co.....	Furniture and fixtures.....	36 55
O 6933	..do..	Flanigan-Pearson Co.....	Printing.....	177 67
O 6934	..do..	Royal A. Stipes.....	General supplies.....	3 47
O 6935	..do..	R. & J. Farquhar & Co.....	..do.....	26 77
O 6936	..do..	U. of I. Supply Store.....	..do.....	1 73
O 6937	..do..	The Burr Co.....	Laboratory supplies.....	8 44
O 6938	..do..	Ideal Electric Co.....	Electrical supplies.....	12 93
O 6939	..do..	Twin City Roofing Co.....	Laboratory apparatus.....	14 48
O 6940	..do..	S. E. Huff & Co.....	Building repairs.....	35 50
O 6941	..do..	C. A. Kiler.....	Furniture and fixtures.....	12 52
O 6942	..do..	B. A. Strauch.....	Photo supplies.....	20 45
O 6943	..do..	John H. Doyle.....	Building repairs.....	16 68
O 6944	..do..	Illinois State Reformatory.....	Printing.....	11 25
O 6945	..do..	E. H. Sargent & Co.....	Laboratory supplies.....	106 79
O 6946	..do..	Illinois Agriculturist.....	General supplies.....	85 00
O 6947	..do..	H. A. Hollister.....	Traveling expenses.....	29 96
O 6948	..do..	Ansco Co.....	Laboratory supplies.....	8 16
O 6949	..do..	Baker & Co., Inc.....	..do.....	1,346 80
O 6950	..do..	Electric Appliance Co.....	Laboratory apparatus.....	20 87
O 6951	..do..	J. D. White, Clerk of Station.....	Postage.....	332 40
O 6952	..do..	C. A. Denman.....	Building repairs.....	41 38
O 6953	..do..	Stipes & Hecker.....	General supplies.....	3 30
O 6954	..do..	Eisner Grocery Co.....	Janitor's supplies.....	10 00
O 6955	..do..	Bacon Brothers.....	General supplies.....	7 25

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 6956	Mar. 17	Roessler & Hasslacher Chemical Co.	Laboratory supplies.	\$ 9 48
O 6957	do.	R. E. Spalding	do.	1 45
O 6958	do.	Weil Brothers	do.	25 65
O 6959	do.	General Chemical Co.	do.	38 40
O 6960	do.	William Gaertner & Co.	do.	1 36
O 6961	do.	Geo. H. Van Pelt	do.	3 25
O 6962	do.	Sengbusch Self-Closing Inkstand Co.	Office supplies.	1 00
O 6963	do.	Morrison, Plummer & Co.	Laboratory supplies.	5 41
O 6964	do.	Chicago Medical Book Co.	Office supplies.	3 30
O 6965	do.	G. Cramer Dry Plate Co.	Laboratory supplies.	23 49
O 6966	do.	A. Daigger & Co.	Laboratory apparatus.	7 20
O 6967	do.	Anderson Oil Co.	General supplies.	25 50
O 6968	do.	Yale Slot & Slug Co.	Office equipment.	2 50
O 6969	do.	Bradner, Smith & Co.	Office supplies.	105 75
O 6970	do.	Siegel, Cooper & Co.	Laboratory supplies.	3 00
O 6971	do.	C. L. Frame Dental Supply Co.	do.	3 37
O 6972	do.	Physicians' Supply & Drug Co.	do.	14 00
O 6973	do.	O. E. Staples, Bursar	Express bills paid.	55 31
O 6974	do.	O. E. Staples, Bursar	Student labor	134 81
O 6975	do.	O. E. Staples, Bursar	Sundry bills paid.	20 85
O 6976	do.	Morrison, Plummer & Co.	Laboratory supplies.	2 95
O 6977	do.	People's Gas Light & Coke Co.	Gas	59 36
O 6978	do.	Maas Bros.	Building materials.	36 80
O 6979	do.	V. Mueller & Co.	Laboratory apparatus.	27 55
O 6980	do.	L. L. Olds Seed Co.	General supplies.	82 13
O 6981	do.	Goder-Heimann Co.	Museum specimens	72 30
O 6982	do.	Geo. Murphy, Inc.	Laboratory apparatus.	46 70
O 6983	do.	J. W. Spalding	Horseshoeing.	12 50
O 6984	do.	Fuller & Fuller Co.	Laboratory supplies.	5 14
O 6985	do.	Maas Bros.	General supplies.	14 45
O 6986	do.	V. Mueller & Co.	Laboratory supplies.	49 10
O 6987	do.	Marshall Field & Co., Retail.	General supplies.	2 71
O 6988	do.	Commonwealth Edison Co.	Electrical supplies.	99 74
O 6989	do.	E. L. Summers	Building materials.	33 33
O 6990	do.	American-German Boiler Compound Co.	General Supplies.	22 43
O 6991	do.	Ernst Leitz	Laboratory supplies.	34 74
O 6992	do.	Western Lumber Co.	Building repairs.	17 10
O 6993	do.	Arthur Ochs.	Laboratory supplies.	9 00
O 6994	do.	F. J. Barns & Co.	do.	36 00
O 6995	do.	C. L. Frame Dental Supply Co.	Laboratory apparatus.	15 00
O 6996	do.	Madison Teaming Co.	Teaming.	25 00
O 6997	do.	Jos. T. Ryerson & Son.	Books.	1 25
O 6998	do.	H. O. Dodge	General supplies.	8 00
O 6999	do.	U. P. James, Bookseller.	Books.	3 50
O 7000	do.	G. W. Sheldon & Co.	do.	2 00
O 7001	do.	Fuller & Fuller Co.	Laboratory supplies.	50 65
O 7002	do.	Stipes & Hecker.	Fencing.	42 00
O 7003	do.	C. C. Rees.	Traveling expenses.	2 70
O 7004	do.	G. L. Peltier.	do.	2 15
O 7005	do.	F. W. Muncie.	do.	1 90
O 7006	do.	C. C. Short.	Field expenses.	5 00
O 7007	do.	Wm. H. Murphy	Building repairs.	18 06
O 7008	do.	Illinois Seed Co.	General supplies.	18 47
O 7009	do.	Arthur H. Thomas Co.	Laboratory supplies.	24 38
O 7010	do.	A. N. Talbot.	Traveling expenses.	32 20
O 7011	do.	Electric Coal Co.	Coal.	6,831 47
O 7012	do.	O. E. Staples, Bursar	General labor	235 46
O 7013	Mar. 18	The Letter Shop.	Mimeograph work.	1 38
O 7014	do.	John H. Doyle.	Laboratory supplies.	19 50
O 7015	do.	Chester Transfer Co.	Incidentals.	3 00
O 7016	do.	Flanigan-Pearson Co.	Printing.	65 22
O 7017	do.	Barnhart Bros.	General supplies.	4 90
O 7018	do.	Hunter, Rourke & Co.	do.	40 27
O 7019	do.	F. K. Robeson.	Janitor's supplies.	19 70
O 7020	do.	E. H. Sargent & Co.	General supplies.	11 16
O 7021	do.	Illinois State Reformatory.	Printing.	5 30
O 7022	do.	Reliable Plumbing & Heating Co.	General supplies.	42 73
O 7023	do.	The Burr Co.	Machine repairs.	14 90
O 7024	do.	Twin City Roofing Co.	General supplies.	16 10
O 7025	do.	Twin City Ice & Cold Storage Co.	do.	4 00
O 7026	do.	Bacon Brothers.	do.	1 60
O 7027	do.	The Taylor Hardware Co.	do.	17 20
O 7028	do.	The Tablet & Ticket Co.	Office supplies.	1 85
O 7029	do.	B. A. Strauch.	General supplies.	2 00
O 7030	do.	H. Swannell & Son.	Laboratory supplies.	1 70
O 7031	do.	S. E. Huff & Co.	Building material.	6 75
O 7032	do.	Knowlton & Bennett.	General supplies.	1 25

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 7033	Mar. 18	Geo. Banta Publishing Co.	Printing.	\$263 39
O 7034	.do.	Commercial Tel. & Tel. Co.	Telephone.	4 00
O 7035	Mar. 19	The Carson-Payson Co.	Building material.	3 15
O 7036	.do.	R. E. Spalding.	General supplies.	4 75
O 7037	.do.	W. W. Walls & Co.	.do.	3 60
O 7038	.do.	Remington Typewriter Co.	Office equipment repair.	4 05
O 7039	.do.	J. M. Rapp.	Lecture and traveling expenses	27 50
O 7040	.do.	Olive Percival.	Lectures.	90 00
O 7041	.do.	Fannie Brooks.	.do.	50 00
O 7042	.do.	Mrs. Jennie C. Barlow.	.do.	30 00
O 7043	.do.	H. J. Snider.	Traveling expenses.	19 27
O 7044	.do.	Orr M. Allyn.	.do.	9 23
O 7045	.do.	C. C. Logan.	.do.	20 18
O 7046	.do.	Chas. A. Campbell.	.do.	24 93
O 7047	.do.	J. R. Wells.	.do.	20 54
O 7048	.do.	L. H. Smith.	.do.	6 04
O 7049	.do.	George Banta Publishing Co.	Express.	13 36
O 7050	.do.	Sanford Mfg. Co.	Office supplies.	7 06
O 7051	.do.	Parlin & Orendorff Co.	Farm machinery.	21 80
O 7052	.do.	Universal Binder.	General supplies.	8 10
O 7053	.do.	Fairbanks, Morse & Co.	Laboratory apparatus.	31 65
O 7054	.do.	D. T. Dobbins.	Feeding stuffs.	4 37
O 7055	.do.	Zenner Disinfectant Co.	General supplies.	31 25
O 7056	.do.	Harris Dillavou & Co.	.do.	4 75
O 7057	.do.	Seften Mfg. Co.	.do.	18 30
O 7058	.do.	Louden Machinery Co.	Machinery repairs.	1 88
O 7059	.do.	Louis Ely & Co.	.do.	3 00
O 7060	.do.	L. C. Brown.	General supplies.	7 00
O 7061	.do.	Dallenbach Bros.	Laboratory supplies.	5 50
O 7062	.do.	R. M. Yerkes, Managing Editor.	Publishing.	35 00
O 7063	.do.	The Effs Farm.	General supplies.	22 50
O 7064	.do.	John W. Spalding.	Field expense.	2 00
O 7065	.do.	F. M. Foltz.	.do.	19 00
O 7066	.do.	Twin City Bindery & Blank Book Co.	Office supplies.	9 60
O 7067	.do.	F. A. Olson.	Furniture.	11 25
O 7068	.do.	The Engineering Magazine.	Books.	5 00
O 7069	.do.	Cromarty Law Book Co.	.do.	7 50
O 7070	.do.	Paper Mills Co.	Office supplies.	4 27
O 7071	.do.	Eimer & Amend.	Laboratory apparatus.	1 50
O 7072	.do.	Whiting Paper Co.	Office supplies.	111 55
O 7073	.do.	Weis Mfg. Co.	.do.	29 36
O 7074	.do.	Emil Greiner Co.	Laboratory supplies.	3 32
O 7075	.do.	John C. Moore, Corporation.	Printing.	23 50
O 7076	.do.	Hoskins Mfg. Co.	Apparatus repairs.	3 00
O 7077	.do.	C. N. Clark & Co.	.do.	7 20
O 7078	.do.	B. E. Spalding.	Drug supplies.	10 45
O 7079	.do.	S. A. Stewart Co.	General supplies.	2 99
O 7080	.do.	Dr. M. L. Raney.	Laboratory apparatus.	1 25
O 7081	.do.	L. B. Souder.	Laundry.	5 90
O 7082	.do.	R. W. Braithwaite.	Expert service.	15 55
O 7083	.do.	Soft Water Laundry Co.	Incidentals.	5 11
O 7084	.do.	W. A. Ruth.	Freight.	7 02
O 7085	.do.	Keuffel & Esser Co. of New York.	Office supplies.	37 32
O 7086	.do.	Irving-Pitt Mfg. Co.	.do.	1 49
O 7087	Mar. 20	Pay roll.	March, 1914.	100 00
		Sheffel, Yetta.	Salary, March, 1914.	\$100 00
O 7088	.do.	Bausch & Lomb Optical Co.	Laboratory supplies.	73 97
O 7089	.do.	A. H. Barber Creamery Supply Co.	Dairy supplies.	18 48
O 7090	.do.	B. A. Strauch.	General supplies.	18 65
O 7091	.do.	Chas. A. Hall Hardware Co.	Padlocks.	2 70
O 7092	.do.	Creamery Package Mfg. Co.	General supplies.	5 16
O 7093	.do.	Standard Oil Co.	.do.	4 00
O 7094	.do.	G. C. Willis.	.do.	3 04
O 7095	.do.	F. K. Robeson.	Janitor's supplies.	9 74
O 7096	.do.	S. E. Huff & Co.	Laboratory supplies.	16 00
O 7097	.do.	Bacon Brothers.	General supplies.	4 60
O 7098	.do.	S. A. Sandweger.	Coal.	22 23
O 7099	.do.	Manhattan Electric Supply Co.	Laboratory supplies.	7 72
O 7100	.do.	Frederick Post Co.	General supplies.	2 50
O 7101	.do.	Doubleday Page & Co.	.do.	3 00
O 7102	.do.	J. H. Kramer, Fairfield Library Co.	Building repairs.	2 41
O 7103	.do.	Theodore Frison.	Student labor.	20 63
O 7104	.do.	New York Times.	Books.	2 00
O 7105	.do.	Weston Electrical Instrument Co.	Apparatus repairs.	59 50
O 7106	.do.	O. E. Staples, Bursar.	Sundry bills paid.	31 02
O 7107	.do.	O. E. Staples, Bursar.	Student labor.	342 20
O 7108	.do.	O. E. Staples, Bursar.	General labor.	280 80
O 7109	Mar. 21	Twin City Ice & Cold Storage Co.	Ice books.	29 00
O 7110	.do.	Knowlton & Bennett.	Laboratory supplies.	4 20

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914.				
O 7111	Mar. 21	Illinois State Reformatory	Printing	\$ 18 60
O 7112	..do..	J. W. Butler Paper Co.	Office supplies	83 40
O 7113	..do..	U. of I. Supply Store	..do..	15 45
O 7114	..do..	A. C. McClurg & Co.	..do..	6 75
O 7115	..do..	E. H. Sargent & Co.	Laboratory supplies	134 60
O 7116	..do..	Taylor Hardware Co.	General supplies	18 75
O 7117	..do..	The Burr Co.	Building repairs	3 30
O 7118	..do..	Twin City Roofing Co.	Building material	28 31
O 7119	..do..	John H. Doyle	Laboratory supplies	24 25
O 7120	..do..	Elmer & Amend	..do..	65 81
O 7121	..do..	Western Electric Co.	Electrical supplies	128 12
O 7122	..do..	W. G. Griffith	General supplies	20 25
O 7123	..do..	Eisner Grocery Co.	Feeding stuffs	24 08
O 7124	..do..	Holstein-Fresian Assn of America	Incidentals	11 00
O 7125	..do..	Louis Melind Co.	Office supplies	6 46
O 7126	Mar. 23	Underwood Typewriter Co.	..do..	22 20
O 7127	..do..	Library Bureau	..do..	160 00
O 7128	..do..	Chas. C. Smith	..do..	1 01
O 7129	..do..	Weston Electrical Instrument Co.	Laboratory supplies	12 75
O 7130	..do..	Montgomery Ward & Co.	Laboratory apparatus	2 30
O 7131	..do..	Weil Brothers	Supplies	22 15
O 7132	..do..	Geo. Banta Publishing Co.	Printing	40 87
O 7133	..do..	C. W. Johnson	Laboratory supplies	2 50
O 7134	..do..	G. W. Sheldon & Co.	Freight	12 63
O 7135	..do..	Review Printing & Stationery Co.	Printing	1,189 43
O 7136	..do..	E. H. Sargent & Co.	Laboratory apparatus	259 25
O 7137	Mar. 25	Pay roll	March, 1914	6,101 20
		Andrews, J. B.	Wages, March, 1914	\$ 50 00
		Ausen, Julius	..do..	55 00
		Badger, C. J.	..do..	20 00
		Beardsley, G. W.	..do..	60 00
		Behling, Edwin	..do..	55 00
		Bennett, W. L.	..do..	70 00
		Blackburn, Fred	..do..	50 00
		Bunch, Mamie	..do..	45 00
		Burdick, I. F.	..do..	85 00
		Cate, H. A.	..do..	70 00
		Campbell, C. A.	..do..	65 00
		Carlson, M. R.	..do..	60 00
		Chapman, C. C.	..do..	100 00
		Crouch, H. E.	..do..	115 00
		DeWerff, H. A.	..do..	32 50
		Dunlap, B. H.	..do..	60 00
		Engle, W. J.	..do..	70 00
		Foster, O. F.	..do..	70 00
		Garver, Earl	..do..	65 00
		Grantham, G. M.	..do..	30 00
		Harry, W. L.	..do..	100 00
		Hunter, L. A.	..do..	75 00
		Jensen, C. C.	..do..	55 00
		Jones, Garfield	..do..	65 00
		Lankford, John	..do..	60 00
		Lawson, H. C.	..do..	60 00
		Palfrey, J. R.	..do..	75 00
		Palsey, I.	..do..	55 00
		Pine, Fred	..do..	75 00
		Reed, Alice	..do..	55 00
		Stark, R. W.	..do..	75 00
		Smith, J. F.	..do..	70 00
		Torgerson, E. F.	..do..	30 00
		Tornquest, Andrew	..do..	75 00
		Walters, Philip	..do..	75 00
		Argo, Roy	..do..	55 00
		Barto, Lucy M.	..do..	20 00
		Chaplin, Ralph	..do..	60 00
		Conley, M. J.	..do..	75 00
		Cook, Jesse	..do..	55 00
		Crawford, T. P.	..do..	50 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
		Magnuson, A. O.	..do..	80 00
		Meenach, Earl	..do..	65 00
		Morgan, J. E.	..do..	15 00
		Patterson, Will	..do..	50 00
		Pergande, R.	..do..	95 00
		Pritchard, H.	..do..	70 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 7137	Mar. 25	Pritchard, R. ....	Wages, March, 1914. ....	\$ 60 00
Cld.		Rhoads, Hazel. ....	do. ....	60 00
		Rose, M. D. ....	do. ....	52 50
		Sinclair, C. R. ....	do. ....	65 00
		Sprinkle, D. C. ....	do. ....	50 00
		Stoneburner, A. J. ....	do. ....	50 00
		Swearingen, Daisy O. ....	do. ....	50 00
		Wilson, R. W. ....	do. ....	65 00
		Brown, C. F. ....	do. ....	50 00
		Brown, E. J. ....	do. ....	45 00
		Brown, Edward. ....	do. ....	50 00
		Coffey, J. H. ....	do. ....	50 00
		Conrad, Emma. ....	do. ....	35 00
		Curry, Florence J. ....	do. ....	20 00
		Dale, Fred. ....	do. ....	50 00
		Engle, Lawrence. ....	do. ....	25 00
		Grabbe, Florence H. ....	do. ....	50 00
		Ham, Raymond. ....	do. ....	47 00
		Hamlin, Hiram. ....	do. ....	50 00
		Hamm, Charles. ....	do. ....	47 50
		Hamlin, Clyde. ....	do. ....	60 00
		Harding, Clayton F. ....	do. ....	100 00
		Hausner, T. E. ....	do. ....	39 20
		Heath, William. ....	do. ....	50 00
		Hensel, Etta. ....	do. ....	45 00
		Herbert, J. J. ....	do. ....	85 00
		Jacobson, I. L. ....	do. ....	30 00
		Jensen, George. ....	do. ....	50 00
		Lowery, Kathryn. ....	do. ....	50 00
		McQueen, H. D II. ....	do. ....	50 00
		Marshall, Samuel A. ....	do. ....	47 50
		Miller, W. W. ....	do. ....	75 00
		Mink, George. ....	do. ....	47 50
		Mink, J. D. ....	do. ....	50 00
		Moore, H. E. ....	do. ....	50 00
		Mount, Harold. ....	do. ....	41 24
		Nesbit, Lawrence. ....	do. ....	50 00
		Peterson, A. C. ....	do. ....	47 50
		Prewitt, Floyd E. ....	do. ....	50 00
		Proesel, William. ....	do. ....	50 00
		Redman, Louise E. ....	do. ....	60 00
		Ricketts, Hazel W. ....	do. ....	40 00
		Ross, Roy M. ....	do. ....	80 00
		Sanders, Frank. ....	do. ....	50 00
		Shipman, Cash. ....	do. ....	50 00
		Shue, Mrs. Lizzie B. ....	do. ....	40 00
		Stivers, M. F. ....	do. ....	50 00
		Anderson, J. C. ....	do. ....	70 00
		Clarke, Ethel. ....	do. ....	35 00
		Diekmun, T. W. ....	do. ....	65 00
		Engle, Ralph. ....	do. ....	30 00
		Johns, W. E. ....	do. ....	37 50
		Smith, M. J. ....	do. ....	45 00
		Stoutzenberg, Florence. ....	do. ....	25 00
		Nelson, P. S. ....	do. ....	54 60
		Brownfield, Lelah. ....	Wages, February, 1914. ....	37 50
		Brownfield, Lelah. ....	Wages, March, 1914. ....	50 00
O 7138	do. ....	A. W. Jamison. ....	Traveling expenses. ....	\$150 17
O 7139	do. ....	H. V. Canter. ....	do. ....	16 22
O 7140	do. ....	The Burr Co. ....	Machine repairs. ....	8 58
O 7141	do. ....	John H. Doyle. ....	do. ....	9 90
O 7142	do. ....	Twin City Roofing Co. ....	General supplies. ....	41 24
O 7143	do. ....	Western Electric Co. ....	Laboratory apparatus. ....	73 88
O 7144	do. ....	Chas. A. Hall Hardware Co. ....	do. ....	3 90
O 7145	do. ....	S. E. Huff & Co. ....	Building materials. ....	23 80
O 7146	do. ....	Taylor Hardware Co. ....	General supplies. ....	45 77
O 7147	do. ....	Barnhart Brothers. ....	Supplies. ....	4 50
O 7148	do. ....	Western Valve Co. ....	Plumbing supplies. ....	77 31
O 7149	do. ....	G. W. Sheldon & Co. ....	Freight. ....	28 21
O 7150	do. ....	J. W. Dunlap. ....	Machine repairs. ....	56 40
O 7151	do. ....	Indian Refining Co. ....	General supplies. ....	52 36
O 7152	do. ....	W. W. Walls & Co. ....	Building materials. ....	21 98
O 7153	do. ....	National Blank Book Co. ....	Office supplies. ....	34 29
O 7154	do. ....	United States Blue Print Paper Co. ....	do. ....	3 09
O 7155	do. ....	Louis Melind Co. ....	do. ....	1 50
O 7156	do. ....	Irving-Pitt Mfg. Co. ....	do. ....	4 91
O 7157	do. ....	Weis Mfg. Co. ....	do. ....	52 84
O 7158	do. ....	J. W. Butler Paper Co. ....	do. ....	84 29
O 7159	do. ....	Illinois State Reformatory. ....	do. ....	121 85

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 7160	Mar. 25	D. H. Lloyd	Office supplies	\$ 91 15
O 7161	do	W. J. Carmichael	Traveling expenses	3 00
O 7162	do	J. G. Mosler	do	5 95
O 7163	do	Carroll J. Badger	do	11 76
O 7164	do	J. B. Andrews	do	25 33
O 7165	do	Wm. L. Mays	Field expense	50 00
O 7166	do	Bacon Brothers	General supplies	7 38
O 7167	do	Flanigan-Pearson Co.	Printing	79 39
O 7168	do	F. J. Burns & Co.	Laboratory supplies	2 00
O 7169	do	A. C. McClurg & Co.	Office supplies	3 83
O 7170	do	Gerts, Lombard & Co.	General supplies	9 20
O 7171	do	Federal Sign System	do	5 97
O 7172	do	The Morris Book Shop	Books	1 50
O 7173	do	Swartz Electric Shop	Adjustable lamps	15 90
O 7174	do	Tablet & Ticket Co.	Office supplies	1 48
O 7175	do	Federal Steel Fixture Co.	Laboratory supplies	1 25
O 7176	do	Kaufman, Weimer & Fabry Co.	Incidentals	1 50
O 7177	do	Geo. Banta Publishing Co.	Printing	40 56
O 7178	do	American-La France Fire Engine Co.	Apparatus repairs	6 04
O 7179	do	L. C. Smith & Bros. Typewriter Co.	Rentals	15 00
O 7180	do	Paul G. Burt	Traveling expenses	5 99
O 7181	do	Chas. W. Groves	Advertising	9 46
O 7182	do	Eggleston's Music House	Rentals on pianos	21 00
O 7183	Mar. 26	Ernst Hertzberg & Sons	Binding	295 47
O 7184	do	Bennetts Newspaper & Magazine Agency	Magazines	9 75
O 7185	do	Tice & Lynch	Freight	9 55
O 7186	do	G. W. Sheldon & Co.	do	3 51
O 7187	do	G. W. Sheldon & Co.	do	46 11
O 7188	do	Harvard College Library	Catalog cards	20 59
O 7189	do	Carnegie Institute of Washington	Books	23 40
O 7190	do	Urbana Courier Co.	Magazine	3 00
O 7191	do	J. Struthers	Books	27 50
O 7192	do	National Live Stock Records	do	2 00
O 7193	do	Psychological Review Co.	Magazines	4 00
O 7194	do	Kruse Bros.	Feeding stuffs	687 81
O 7195	do	Bausch & Lomb Optical Co.	Laboratory apparatus	64 88
O 7196	do	Illinois State Penitentiary	Janitor's supplies	32 50
O 7197	do	Whitelaw Bros.	General supplies	7 50
O 7198	do	A. C. McClurg & Co.	Office supplies	1 78
O 7199	do	J. W. Butler Paper Co.	do	3 59
O 7200	do	Irving-Pitt Mfg. Co.	do	11 80
O 7201	do	The Albert Dickinson Co.	General supplies	111 22
O 7202	do	G. C. Willis	Laboratory supplies	7 23
O 7203	do	Champaign Ice Cream Co.	Salt	4 00
O 7204	do	Burley & Tyrrel Co.	Laboratory apparatus	15 36
O 7205	do	Hektograph Mfg. & Duplicator Co.	Office supplies	6 50
O 7206	do	National Engraving Co.	Printing	24 40
O 7207	do	Frank Coverdale	Clover seed	25 00
O 7208	do	International Harvester Co.	Machine repairs	4 85
O 7209	do	Reliable Plumbing & Heating Co.	Building repairs	1 74
O 7210	do	C. W. Johnson	do	3 70
O 7211	do	George Emery Littlefield	Books	3 25
O 7212	do	Keystone View Co.	Laboratory apparatus	9 00
O 7213	do	F. M. Leslie	Fixtures	5 00
O 7214	do	American National Red Cross	Laboratory supplies	6 80
O 7215	do	Morgan Rug Mfg. Co.	Apparatus repairs	25 65
O 7216	do	Bausch & Lomb Optical Co.	Laboratory supplies	6 36
O 7217	do	Morrisson, Plummer & Co.	do	34 22
O 7218	do	Henry O. Shepard Co.	Office supplies	10 00
O 7219	do	Illinois Engineering Co.	Plumbing supplies	16 17
O 7220	Mar. 27	Western Union Telegraph Co.	Service	42 79
O 7221	do	Western Union Telegraph Co.	do	27 37
O 7222	do	The Home Telephone Co.	do	100 45
O 7223	do	Postal Telegraph-Cable Co.	do	12 48
O 7224	do	Receivers, Central Union Telephone Co.	do	51 75
O 7225	Mar. 28	Taylor Hardware Co.	General supplies	61 78
O 7226	do	E. H. Sargent & Co.	Laboratory supplies	96 22
O 7227	do	R. W. Briathwaite	Expert services	6 00
O 7228	do	Barnhart Brothers	Building repairs	11 75
O 7229	do	B. A. Strauch	Laboratory apparatus	19 45
O 7230	do	John H. Doyle	General supplies	27 90
O 7231	do	P. S. Campbell	Printing	12 45
O 7232	do	William Brothers	Building repairs	8 94
O 7233	do	Armour & Co.	Laboratory supplies	14 53
O 7234	do	S. E. Huff & Co.	General supplies	41 60
O 7235	do	B. E. Spalding	Laboratory supplies	5 50
O 7236	do	The Burr Co.	General supplies	92 71
O 7237	do	G. Cramer Dry Plate Co.	do	3 61
O 7238	do	V. Mueller & Co.	Laboratory apparatus	62 40

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 7239	Mar. 28	Champaign Seed Co.	General supplies.	\$ 36 45
O 7240	..do.	Twin City Roofing Co.	Roofing.	39 00
O 7241	..do.	The Chas. A. Hall Hardware Co.	Laboratory supplies.	17 79
O 7242	..do.	Leavitt Mfg. Co.	General supplies.	18 89
O 7243	..do.	Dallenbach Brothers.	Cafeteria supplies.	45 15
O 7244	..do.	Walker & Mulliken.	Furniture repairs.	7 90
O 7245	..do.	Flanigan-Pearson Co.	Printing.	312 00
O 7246	..do.	Creamery Package Mfg. Co.	General supplies.	9 90
O 7247	..do.	James G. Biddle.	Laboratory supplies.	1 13
O 7248	..do.	Percival & Moorehead.	General supplies.	1 00
O 7249	..do.	Anasco Co.	..do.	4 02
O 7250	..do.	Defender Photo Supply Co.	..do.	6 00
O 7251	..do.	H. H. Stoek.	Traveling expenses.	24 44
O 7252	..do.	Ward Brothers.	General supplies.	1 60
O 7253	..do.	Carbondale Printing Co.	Printing.	41 00
O 7254	..do.	Oliver Ditson Co.	Books.	15 75
O 7255	..do.	Mineral Point Zinc Co.	Laboratory supplies.	7 00
O 7256	..do.	Central Electric Co.	Laboratory apparatus.	6 88
O 7257	..do.	Hall N. Jackson.	Books.	3 25
O 7258	..do.	Proudfit Loose Leaf Co.	Office supplies.	10 98
O 7259	..do.	The Schaeffer & Budenberg Mfg. Co.	Laboratory supplies.	1 51
O 7260	..do.	American Inst. of Mining Engineers.	General supplies.	19 80
O 7261	..do.	Draeger Oxygen Apparatus Co.	Laboratory supplies.	7 23
O 7262	..do.	Master Car Builders Assn.	Books.	15 00
O 7263	..do.	G. W. Sheldon & Co.	Freight.	34 06
O 7264	..do.	Chas. G. Willoughby.	Laboratory apparatus.	75 00
O 7265	..do.	The Wabash Cabinet Co.	Office supplies.	1 11
O 7266	..do.	Sweet, Wallach & Co.	General supplies.	2 50
O 7267	..do.	G. E. Stechert & Co.	Books.	5 87
O 7268	..do.	Ernst Hertzberg & Sons.	..do.	13 41
O 7269	..do.	Eimer & Amend.	Laboratory supplies.	304 77
O 7270	..do.	Woldenberg & Schaar.	Laboratory apparatus.	116 60
O 7271	..do.	Mrs. J. M. Smith.	Laboratory supplies.	4 80
O 7272	..do.	P. S. Campbell.	Printing.	25 25
O 7273	..do.	John C. Moore Corporation.	Office supplies.	5 35
O 7274	..do.	General Electric Co.	Machine repairs.	4 48
O 7275	..do.	H. W. Johns-Manville Co.	General supplies.	17 58
O 7276	..do.	Diamond Electric Supply Co.	Electrical supplies.	34 18
O 7277	..do.	Automatic Electric Co.	General supplies.	15 00
O 7278	..do.	Garlock Packing Co.	..do.	7 96
O 7279	..do.	Knowlton & Bennett.	..do.	1 00
O 7280	..do.	Illinois Electric Co.	Electrical apparatus.	3 67
O 7281	..do.	Wm. J. Murdock Co.	Laboratory apparatus.	5 54
O 7282	..do.	The Daily Illin.	Incidentals.	3 00
O 7283	..do.	A. N. Johnson, State Highway Engineer	Laboratory apparatus.	3 25
O 7284	..do.	G. W. Sheldon & Co.	Freight.	6 87
O 7285	Mar. 30	O. E. Staples, Bursar.	General labor.	669 44
O 7286	Mar. 31	F. K. Robeson.	Cleaning powder, etc.	18 07
O 7287	..do.	Ernst Hertzberg & Sons.	Binding.	340 46
O 7288	..do.	O. E. Staples, Bursar.	Sundry bills.	9 96
O 7289	..do.	O. E. Staples, Bursar.	Student labor.	377 39
O 7290	..do.	Percival & Moorehead.	Supplies.	14 85
O 7291	..do.	F. A. Pearson.	Traveling expenses.	56 27
O 7292	..do.	Taylor Hardware Co.	Supplies.	7 35
O 7293	..do.	The Burr Co.	Materials.	5 00
O 7294	..do.	E. H. Sargent & Co.	Laboratory supplies.	95 62
O 7295	..do.	Knowlton & Bennett.	Glass, glue.	6 60
O 7296	..do.	Western Electric Co.	Electric supplies.	453 05
O 7297	..do.	H. A. Hollister.	Traveling expenses.	24 70
O 7298	..do.	H. D. Oberdofer.	General supplies.	2 39
O 7299	..do.	G. W. Sheldon & Co.	Freight, charges.	16 80
O 7300	..do.	Barnhart Bros. & Spindler.	Furniture repairs.	1 04
O 7301	..do.	Eimer & Amend.	Laboratory supplies.	2 15
O 7302	..do.	Bacon Brothers.	Extension ladder.	8 00
O 7303	..do.	Hoffman & Kropff Chemical Co.	Laboratory supplies.	4 75
O 7304	..do.	Bausch & Lomb Optical Co.	Beakers.	133 50
O 7305	..do.	Julius Erdman.	Traveling expenses.	11 65
O 7306	..do.	The Whitaker Paper Co.	Paper.	32 00
O 7307	..do.	Keuffel & Esser Co. of New York.	Laboratory apparatus and supplies.	41 16
O 7308	..do.	The Geo. J. Roberts Co.	Packings.	1 91
O 7309	..do.	General Electric Co.	Machine repairs.	26 00
O 7310	..do.	H. E. Codlin.	Expert service.	17 00
O 7311	..do.	H. A. Harding.	Traveling expenses.	18 66
O 7312	..do.	C. B. Price.	Expert service.	18 00
O 7313	..do.	O. S. Watkins.	Traveling expenses.	16 61
O 7314	..do.	Erwin Issenberg.	Incidental.	10 00
O 7315	..do.	Fred J. Blackburn.	Traveling expenses.	23 80
O 7316	..do.	Miss Amelia Feldkamp.	..do.	30 83

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 7317	Mar. 31	Miss Maude Campbell.....	Traveling expenses.....	\$ 30 83
O 7318	..do....	Garfield Jones.....	..do....	4 38
O 7319	..do....	Fred L. Hatch.....	Lecture.....	10 00
O 7320	..do....	O. M. Allyn.....	Traveling expenses.....	16 16
O 7321	..do....	Mrs. Jennie C. Barlow.....	Lectures.....	30 00
O 7322	..do....	O. S. Fisher.....	Traveling expenses.....	22 91
O 7323	..do....	C. C. Logan.....	..do....	7 76
O 7324	..do....	Goshen Mfg. Co.....	Building repairs.....	6 75
O 7325	..do....	Henry Bruns.....	General supplies.....	27 00
O 7326	..do....	C. N. Spence.....	..do....	8 75
O 7327	..do....	Standard Oil Co.....	Gasoline.....	7 00
O 7328	..do....	Manhattan Electrical Supply Co.....	Laboratory supplies.....	30 26
O 7329	..do....	Grasselli Chemical Co.....	General supplies.....	5 56
O 7330	..do....	Albert Dickinson Co.....	..do....	17 82
O 7331	..do....	Funk Brothers Seed Co.....	..do....	5 00
O 7332	..do....	Standard Cap & Seal Co.....	..do....	15 50
O 7333	..do....	Pitsenbarger & Flynn.....	..do....	2 50
O 7334	..do....	W. Atlee, Burpee & Co.....	..do....	8 09
O 7335	..do....	L. L. Olds Seed Co.....	..do....	1 26
O 7336	..do....	Spencer & Temple.....	..do....	3 20
O 7337	..do....	Arthur E. Ormes.....	..do....	2 53
O 7338	..do....	Dayton Fruit Tree Label Co.....	Laboratory supplies.....	12 60
O 7339	..do....	McFadden & Brother.....	Feeding stuffs.....	14 88
O 7340	..do....	Swartz Electric Shop.....	General supplies.....	1 50
O 7341	..do....	D. T. Dobbins.....	Feeding stuffs.....	1 40
O 7342	..do....	Imperial Cotton Milling Co.....	..do....	64 72
O 7343	..do....	Central Electric Co.....	General supplies.....	13 20
O 7344	..do....	Twin City Ice & Cold Storage Co.....	Incidentals.....	4 00
O 7345	..do....	Twin City Roofing Co.....	Roofing.....	8 25
O 7346	..do....	Chas. A. Hall Hardware Co.....	General supplies.....	7 09
O 7347	..do....	G. C. Willis.....	..do....	1 83
O 7348	..do....	Champaign Seed Co.....	Feeding stuffs.....	4 10
O 7349	..do....	Fred Pine.....	General supplies.....	3 50
O 7350	..do....	Knowlton & Bennett.....	..do....	1 00
O 7351	..do....	Bacon Brothers.....	..do....	2 25
O 7352	..do....	Illinois Electric Co.....	Electrical supplies.....	1 67
O 7353	..do....	Defender Photo Supply Co.....	General supplies.....	2 08
O 7354	..do....	Frederick Post Co.....	..do....	2 45
O 7355	..do....	J. W. Butler Paper Co.....	Laboratory supplies.....	14 35
O 7356	..do....	W. D. Messinger & Co.....	..do....	3 57
O 7357	..do....	Yawman & Erbe Mfg. Co.....	Office equipment.....	20 50
O 7358	..do....	The Letter Shop.....	Clerical assistance.....	4 20
O 7359	..do....	The American Jersey Cattle Club.....	Registration fee.....	2 00
O 7360	..do....	C. C. Taylor.....	Feeding stuffs.....	37 83
O 7361	..do....	L. C. Smith & Bros. Typewriter Co.....	Rentals.....	7 50
O 7362	..do....	White Line Laundry.....	Laundry.....	65 30
O 7363	..do....	Crane Co.....	Plumbing supplies.....	1 54
O 7364	..do....	Flanigan-Pearson Co.....	Printing.....	31 67
O 7365	..do....	McIntosh Stereopticon Co.....	General supplies.....	3 60
O 7366	..do....	D. H. Lloyde.....	Office supplies.....	9 91
O 7367	..do....	Twin City Roofing Co.....	Roofing.....	14 00
O 7368	..do....	The Burr Co.....	Laboratory apparatus.....	42 00
O 7369	..do....	John H. Doyle.....	General supplies.....	12 01
O 7370	..do....	Barnhart Brothers.....	Building materials.....	4 11
O 7371	..do....	Shavings & Sawdust Co.....	Feeding stuffs.....	111 21
O 7372	..do....	Taylor Hardware Co.....	General supplies.....	25 46
O 7373	..do....	S. E. Huff & Co.....	Building materials.....	6 20
O 7374	..do....	F. M. Leslie.....	Cases.....	136 26
O 7375	..do....	Tice & Lynch.....	Field expense.....	33 31
O 7376	Apr. 3	O. E. Staples, Bursar.....	General labor.....	216 78
O 7377	..do....	O. E. Staples, Bursar.....	Student labor.....	120 91
O 7378	..do....	O. E. Staples, Bursar.....	Sundry bills paid.....	5 03
O 7379	..do....	A. J. Gunderson.....	Traveling expenses.....	34 80
O 7380	..do....	F. N. Evans.....	Lectures.....	130 00
O 7381	..do....	N. N. Rudd.....	..do....	250 00
O 7382	..do....	B. S. Radcliffe.....	Traveling expenses.....	38 40
O 7383	..do....	C. C. Rand.....	..do....	38 05
O 7384	..do....	A. E. Williams.....	..do....	35 00
O 7385	..do....	R. T. Stull.....	..do....	41 15
O 7386	..do....	R. T. Stull.....	..do....	70 93
O 7387	..do....	W. A. Ruth.....	..do....	10 44
O 7388	..do....	William Aten, Sr.....	Field expenses.....	3 00
O 7389	..do....	Stephen Rogers.....	..do....	54 25
O 7390	..do....	Miss Frances Simpson.....	Traveling expenses.....	36 80
O 7391	..do....	Herrick & Stoltey.....	..do....	1 00
O 7392	..do....	Ernst Hertzberg & Sons.....	Books.....	6 45
O 7393	..do....	Mrs. Jennie Barlow.....	Lectures.....	30 00
O 7394	..do....	Olive B. Percival.....	..do....	90 00
O 7395	..do....	Leonard Hegnauer.....	Traveling expenses.....	6 05



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 7396	Apr. 3	H. L. Halverson.....	Lecture and traveling expense.	\$ 49 42
O 7397	..do..	E. E. Hoskins.....	Traveling expense.....	17 88
O 7398	..do..	S. V. Holt.....	Traveling expenses.....	9 95
O 7399	..do..	J. G. Mosier.....	..do..	7 25
O 7400	..do..	Charles A. Campbell.....	..do..	10 77
O 7401	..do..	H. C. Wheeler.....	..do..	7 15
O 7402	..do..	J. B. Marshall.....	..do..	105 75
O 7403	..do..	Fred Pine.....	..do..	1 28
O 7404	..do..	H. P. Rusk.....	..do..	7 78
O 7405	..do..	Ernst Hertzberg & Sons.....	Books.....	23 62
O 7406	..do..	Florists Publishing Co.....	..do..	1 00
O 7407	..do..	National Nurseryman Publishing Co.....	..do..	1 00
O 7408	..do..	A. C. McClurg & Co.....	..do..	35 26
O 7409	..do..	Knowlton & Bennett.....	Laboratory supplies.....	2 50
O 7410	..do..	Tablet & Ticket Co.....	Office supplies.....	18 49
O 7411	..do..	John H. Doyle.....	General supplies.....	16 15
O 7412	..do..	Percival & Moorehead.....	..do..	18 40
O 7413	..do..	G. Cramer Dry Plate Co.....	..do..	19 52
O 7414	..do..	Eimer & Amend.....	Laboratory supplies.....	14 10
O 7415	..do..	E. H. Sargent & Co.....	..do..	43 20
O 7416	..do..	National Engraving Co.....	Printing and publishing.....	23 80
O 7417	..do..	Barnhart Bros.....	General supplies.....	14 75
O 7418	..do..	Bacon Bros.....	..do..	6 21
O 7419	..do..	The Letter Shop.....	Clerical assistance.....	25 55
O 7420	..do..	F. M. Leslie.....	Cases.....	20 30
O 7421	..do..	D. H. Lloyd.....	General supplies.....	6 15
O 7422	..do..	Illinois State Reformatory.....	Printing.....	228 25
O 7423	..do..	F. K. Robeson.....	Furniture.....	41 10
O 7424	..do..	White Line Steam Laundry.....	Laundry.....	9 41
O 7425	..do..	Chas. Beseler Co.....	General supplies.....	5 14
O 7426	..do..	McIntosh Stereopticon Co.....	Apparatus repairs.....	6 50
O 7427	..do..	B. A. Strauch.....	General supplies.....	29 89
O 7428	..do..	Leavitt Mfg. Co.....	Laboratory supplies.....	18 00
O 7429	..do..	Dr. John A. Brashear.....	Lectures.....	100 00
O 7430	..do..	Codman & Shurtleff, Inc.....	Laboratory apparatus.....	1 59
O 7431	..do..	Dodge Mfg. Co.....	..do..	4 50
O 7432	..do..	McIntosh Stereopticon Co.....	..do..	14 90
O 7433	..do..	B. E. Spalding.....	Laboratory supplies.....	1 75
O 7434	..do..	Favor, Ruhl & Co.....	Laboratory apparatus.....	3 92
O 7435	..do..	Miller-Bryant-Pierce Co.....	General supplies.....	35 28
O 7436	..do..	C. S. Hill.....	Apparatus repairs.....	8 50
O 7437	..do..	F. J. Burns & Co.....	Laboratory supplies.....	1 25
O 7438	..do..	Montgomery & Co.....	Laboratory apparatus.....	54 88
O 7439	..do..	Chas. H. Elliott Co.....	Printing.....	18 00
O 7440	..do..	Garlock Packing Co.....	General supplies.....	47 75
O 7441	..do..	Adapti Mfg. Co.....	Electrical supplies.....	27 79
O 7442	..do..	Sweet, Wallach & Co.....	General supplies.....	11 24
O 7443	..do..	Fitch Dustdown Co.....	Janitor's supplies.....	24 00
O 7444	..do..	Samuel N. Rhoads.....	Books.....	1 50
O 7445	..do..	University Press.....	Printing.....	5 00
O 7446	..do..	Bausch & Lomb Optical Co.....	Laboratory apparatus.....	26 55
O 7447	..do..	Review Printing & Stationery Co.....	Printing.....	846 53
O 7448	..do..	The R. W. McCready Cork Co.....	Laboratory supplies.....	9 23
O 7449	..do..	E. H. Striegel.....	Laboratory apparatus.....	8 00
O 7450	..do..	Twin City Ice & Cold Storage Co.....	Laboratory supplies.....	24 00
O 7451	..do..	Twing Instrument Co.....	Laboratory apparatus.....	25 00
O 7452	..do..	General Chemical Co.....	Laboratory supplies.....	63 45
O 7453	..do..	American Hereford Cattle Breeders Assn.....	Incidentals.....	11 50
O 7454	..do..	Creamery Package Mfg. Co.....	Apparatus repairs.....	2 35
O 7455	..do..	American Guernsey Cattle Club.....	Incidentals.....	5 00
O 7456	..do..	Holstein Friesean Assn of America.....	..do..	4 25
O 7457	..do..	Pasteur Laboratories of America.....	General supplies.....	1 21
O 7458	..do..	Garton-Cooper Seed Co.....	..do..	2 50
O 7459	..do..	J. W. Houze.....	..do..	15 75
O 7460	..do..	Macalaster-Wiggin Co.....	Laboratory apparatus.....	34 91
O 7461	..do..	J. W. Dunlap.....	Machine repairs.....	6 60
O 7462	..do..	Weston Electric Instrument Co.....	Apparatus repairs.....	5 98
O 7463	..do..	Clare E. Hoffman.....	General supplies.....	10 00
O 7464	..do..	Ira M. Crowther.....	..do..	100 00
O 7465	..do..	Hausmann & Dunn Co.....	Laboratory apparatus.....	1 50
O 7466	Apr. 8	New Jersey Entomological Co.....	Laboratory supplies.....	5 30
O 7467	..do..	Julius Andrae & Sons Co.....	Laboratory apparatus.....	3 40
O 7468	..do..	L. K. Howse & Co.....	General supplies.....	9 50
O 7469	..do..	Gamble Hinged Music Co.....	Books.....	7 74
O 7470	..do..	W. C. Ives.....	Laboratory apparatus.....	57 63
O 7471	..do..	L. B. Souder.....	General labor.....	1 00
O 7472	..do..	A. A. Armstrong.....	Live stock.....	275 00
O 7473	..do..	Geo. B. Carpenter & Co.....	Machine repairs.....	8 20
O 7474	..do..	Indian Refining Co.....	Paraffine oil.....	1 50

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 7475	Apr. 8	French Battery & Carbon Co.	Telephone apparatus.	\$ 20 58
O 7476	..do.	Viscosity Oil Co.	General supplies.	17 64
O 7477	..do.	A. E. Wuestemann.	..do.	2 00
O 7478	..do.	George Strodes.	Furniture.	16 00
O 7479	..do.	Aristo Studio, Newell & Higgins.	Supplies.	7 10
O 7480	Apr. 4	Pay roll.	March, 1914.	210 00
		Laying, T. E.	Salary, March, 1914.	\$ 60 00
		Merica, Paul D.	..do.	150 00
O 7481	Apr. 8	O. E. Staples, Bursar.	General labor.	188 89
O 7482	..do.	O. E. Staples, Bursar.	Student labor.	568 68
O 7483	..do.	O. E. Staples, Bursar.	Sundry bills paid.	5 63
O 7484	..do.	Illinois State Reformatory.	Printing.	104 85
O 7485	..do.	Weil Brothers.	General supplies.	28 63
O 7486	..do.	Eimer & Amend.	Laboratory apparatus.	61 60
O 7487	..do.	Taylor Hardware Co.	General supplies.	11 65
O 7488	..do.	John H. Doyle.	Laboratory supplies.	12 02
O 7489	..do.	E. H. Sargent & Co.	..do.	26 76
O 7490	..do.	Taylor Hardware Co.	General supplies.	30 30
O 7491	..do.	J. W. Butler Paper Co.	Office supplies.	62 96
O 7492	..do.	A. C. McClurg & Co.	..do.	24 55
O 7493	..do.	U. of I. Supply Store.	..do.	17 81
O 7494	..do.	Hollis & Duncan.	..do.	10 61
O 7495	..do.	Crane Co.	Plumbing supplies.	108 81
O 7496	..do.	S. B. Fracker.	Traveling expenses.	100 00
O 7497	..do.	F. K. Robeson.	General supplies.	6 84
O 7498	..do.	E. H. Swigert.	Piano tuning.	40 00
O 7499	..do.	Review Printing & Stationery Co.	Printing.	58 13
O 7500	..do.	Scientific Materials Co.	Laboratory supplies.	2 75
O 7501	..do.	Colwell Lead Co.	General supplies.	21 67
O 7502	..do.	Alberene Stone Co.	..do.	2 69
O 7503	..do.	Metzler & Schafer Co.	..do.	10
O 7504	..do.	State Historical Society of Wisconsin.	Expert service.	17 27
O 7505	..do.	Metzler & Schafer Co.	General supplies.	3 00
O 7506	..do.	Julius Andraw & Sons Co.	Laboratory supplies.	3 61
O 7507	..do.	The Weis Mfg. Co.	Office supplies.	1 63
O 7508	..do.	Eisner Grocery Co.	General supplies.	8 16
O 7509	..do.	F. J. Burns & Co.	Laboratory supplies.	1 20
O 7510	..do.	Stafford Engraving Co.	Printing.	3 25
O 7511	..do.	Central Scientific Co.	Furniture.	8 00
O 7512	..do.	Newell & Higgins.	Incidentals.	1 00
O 7513	..do.	James B. Clow & Sons.	Laboratory supplies.	8 63
O 7514	..do.	The Leeds & Northrup Co.	Laboratory apparatus.	39 35
O 7515	..do.	B. E. Spalding.	General supplies.	1 55
O 7516	..do.	Braun & Co.	Furniture.	11 25
O 7517	..do.	Jacob Reed's Sons.	Laboratory apparatus.	2 50
O 7518	..do.	New England Entomological Co.	Laboratory supplies.	6 55
O 7519	..do.	Flanigan-Pearson Co.	Printing.	9 50
O 7520	..do.	Meyer & Wenthe.	Office equipment.	1 09
O 7521	..do.	Vaughans Seed Store.	Laboratory supplies.	1 12
O 7522	..do.	University of Chicago Press.	Books.	1 06
O 7523	..do.	George Murphy Inc.	General supplies.	21 74
O 7424	..do.	W. F. Murphy.	..do.	21 83
O 7525	..do.	C. H. Blackhall.	..do.	6 59
O 7526	..do.	Allan J. Coleman.	Machinery and tools.	23 03
O 7527	..do.	Chas. D. Ettinger.	Live stock.	150 00
O 7528	..do.	Myers & Wascher.	General supplies.	2 40
O 7529	..do.	A. M. & L. A. Terwilliger.	..do.	2 90
O 7530	Apr. 9	G. W. Sheldon & Co.	Freight.	55 42
O 7531	..do.	Weston Electric Instrument Co.	Laboratory apparatus.	45 82
O 7532	..do.	C. M. Parker.	Advertising.	8 55
O 7533	..do.	The School Century.	..do.	11 25
O 7534	..do.	White Line Steam Laundry.	Laundry.	85 30
O 7535	..do.	H. V. Canter.	Traveling expenses.	13 24
O 7536	..do.	Twin City Ice & Cold Storage Co.	Incidental.	4 00
O 7537	..do.	Champaign Steam Laundry.	Laundry.	25 34
O 7538	..do.	Twin City Roofing Co.	Roofing.	5 60
O 7539	..do.	John V. Hadley.	Traveling expenses.	7 12
O 7540	..do.	Beardsley Hotel.	..do.	5 00
O 7541	..do.	H. A. Hollister.	..do.	26 04
O 7542	..do.	Brown & Sharpe Mfg. Co.	Laboratory apparatus.	2 46
O 7543	..do.	Amusement Supply Co.	General supplies.	2 75
O 7544	..do.	Electric Coal Co.	Coal.	300 51
O 7545	..do.	R. R. Donnelley & Sons Co.	Etchings.	3 50
O 7546	..do.	Geo. B. Carpenter & Co.	General supplies.	22 72
O 7547	..do.	Vaughans Seed Store.	..do.	1 14
O 7548	..do.	Osgood Co.	Printing and publishing.	52 80
O 7549	..do.	F. K. Robeson.	Laboratory supplies.	13 25
O 7550	..do.	Gaylord Brothers.	General supplies.	8 93
O 7551	..do.	Miss Emma R. Jutton.	Traveling expenses.	29 07

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 7552	Apr. 9	H. A. Harding	Traveling expenses	\$ 28 14
O 7553	..do..	The Shaw-Walker Co.	Office supplies	2 70
O 7554	..do..	Eberhard Faber	..do..	7 59
O 7555	..do..	Twin City Printing Co.	..do..	2 13
O 7556	..do..	20th Century Press Clipping Bureau	Incidentals	7 50
O 7557	..do..	Illinois Electric Co.	Electrical supplies	24 00
O 7558	..do..	The Arthur H. Thomas Co.	Laboratory apparatus	122 10
O 7559	..do..	Friend Mfg. Co.	Farm machinery	235 00
O 7560	..do..	John C. Moninger Co.	General supplies	56 00
O 7561	..do..	Engineering Record	Advertising	1 50
O 7562	..do..	McMaster-Carr Supply Co.	Machinery repairs	6 50
O 7563	..do..	Mittendorf & Kiler	General supplies	8 75
O 7564	..do..	W. D. Fairchild	Laboratory apparatus	8 30
O 7565	..do..	F. M. Leslie	Fixtures	12 40
O 7566	..do..	G. C. Willis	General supplies	216 27
O 7567	..do..	Weston Electric Co.	Electrical supplies	62 06
O 7568	..do..	Imperial Cotton Milling Co.	Feeding stuffs	97 08
O 7569	..do..	James B. Clow & Sons	General supplies	25 53
O 7570	..do..	B. E. Spalding	Office supplies	44 30
O 7571	..do..	B. E. Spalding	General supplies	107 50
O 7572	..do..	U. of I. Supply Store	Office supplies	9 00
O 7573	..do..	U. of I. Supply Store	Laboratory apparatus	7 88
O 7574	..do..	Kendric C. Babcock	Traveling expenses	148 49
O 7575	..do..	Smith & Co.	Laboratory supplies	8 00
O 7576	..do..	A. M. & L. A. Terwilliger	Laboratory apparatus and supplies	24 20
O 7577	..do..	W. Lewis & Co.	Office supplies	1 69
O 7578	..do..	Taylor Hardware Co.	General supplies	9 20
O 7579	..do..	Irving-Pitt Mfg. Co.	Office supplies	1 70
O 7580	..do..	Champaign Steam Laundry	Incidentals	3 22
O 7581	..do..	Twin City Roofing Co.	Roofing	47 18
O 7582	..do..	The Burr Co.	Laboratory supplies	7 00
O 7583	..do..	Indian Refining Co.	General supplies	30 66
O 7584	..do..	McCoy & Garten	Feeding stuffs	385 89
O 7585	..do..	Walker & Mulliken	Furniture	250 60
O 7586	..do..	Central Electric Co.	Electrical supplies	27 14
O 7587	..do..	Chas. A. Hall Hardware Co.	General supplies	5 80
O 7588	..do..	Illinois State Reformatory	Printing	71 70
O 7589	..do..	S. E. Huff & Co.	General supplies	70 80
O 7590a	..do..	L. E. Knott Apparatus Co.	Laboratory apparatus	2 70
O 7590b	..do..	Weil Brothers	General supplies	34 70
O 7591	..do..	S. A. Curtis	..do..	1 95
O 7592	..do..	J. Heffernan & Son	..do..	12 80
O 7593	..do..	Champaign Bottling Works	Laboratory supplies	6 00
O 7594	..do..	Montgomery, Ward & Co.	..do..	15 40
O 7595	..do..	H. Swannell & Son	..do..	5 80
O 7596	..do..	Armour & Co.	..do..	14 00
O 7597	..do..	Earl E. Sherff	..do..	14 75
O 7598	..do..	The Tanite Co.	..do..	2 03
O 7599	..do..	Crane Co.	General supplies	88 90
O 7600	..do..	Art Metal Products Co.	Building materials	6 00
O 7601	..do..	Green Engineering Co.	Machinery repairs	3 84
O 7602	..do..	American Multigraph Sales Co.	Office equipment repairs	3 56
O 7603	..do..	Central Electric Co.	Furniture	2 97
O 7604	Apr. 13	Pay roll	April, 1914	8,162 45
		Alexander, Lilla	Salary, April, 1914	\$ 65 00
		Alley, W. E.	..do..	85 00
		Amos, Winifred L.	..do..	75 00
		Atkinson, C. E.	..do..	141 66
		Beyer, Melinda L.	..do..	75 00
		Blackwell, Mary	..do..	55 00
		Boice, L. A.	..do..	125 00
		Bowen, Evalena	..do..	65 00
		Broadhurst, Tabitha J.	..do..	75 00
		Brown, Ina M.	..do..	60 00
		Bryan, Sarah E.	..do..	70 00
		Buckles, Mildred	..do..	65 00
		Buckler, Helen I.	..do..	60 00
		Burt, Ruth	..do..	50 00
		Cass, Elizabeth H.	..do..	65 00
		Crawford, C. C.	..do..	65 00
		Cover, Hazel	..do..	60 00
		Cunningham, H. E.	..do..	166 66
		Custer, Emma L.	..do..	75 00
		Dalton, C. E.	..do..	50 00
		Durfey, Franc A.	..do..	50 00
		Emigh, Edith	..do..	70 00
		Feind, Frances	..do..	80 00
		Feldkamp, Amelia	..do..	50 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 7604 Ctd.	1914. Apr. 13	Frazer, Viola.....	Salary, April, 1914.....	\$ 65 00
		Fieg, Robert.....	do.....	50 00
		Gage, Marjorie H.....	do.....	75 00
		Gallaher, Marion B.....	do.....	50 00
		Garwood, Frances.....	do.....	50 00
		Goetz, Antoinette.....	do.....	70 00
		Good, Elizabeth.....	do.....	50 00
		Gordon, Marie A.....	do.....	55 00
		Griffith, Mabel.....	do.....	70 00
		Halliday, Mabel.....	do.....	60 00
		Hamilton, Mrs. Alice A.....	do.....	75 00
		Hay, N.....	do.....	166 66
		Heater, Myrtle E.....	do.....	60 00
		Houchens, Josie B.....	do.....	83 33
		Hull, A. H.....	do.....	65 00
		Humrichouse, Katie L.....	do.....	50 00
		Johnson, Gertrude E.....	do.....	60 00
		Kirwin, Nora.....	do.....	50 00
		Knapp, Aurella.....	do.....	75 00
		Knorr, L. E.....	do.....	150 00
		Lahr, Lawrence.....	do.....	50 00
		Lamb, Allie B.....	do.....	55 00
		Lee, A. R.....	do.....	91 66
		Leitz, Louise A.....	do.....	40 00
		Love, Mary E.....	do.....	65 00
		Luther, Cornelia M.....	do.....	40 00
		McConn, C. M.....	do.....	250 00
		McGehee, Hester E.....	do.....	40 00
		McGurty, Agnes.....	do.....	83 33
		McIntire, W. A.....	do.....	50 00
		Manspeaker, L. Mae.....	do.....	83 33
		Meneley, Maude E.....	do.....	60 00
		Merchant, Donna.....	do.....	50 00
		Meseck, R.....	do.....	65 00
		Millar, Mary.....	do.....	70 00
		Miller, C. F.....	do.....	90 00
		Morey, Lloyd.....	do.....	125 00
		Morrow, J. A.....	do.....	166 66
		Needham, Lucile.....	do.....	60 00
		Nyberg, Florence A.....	do.....	50 00
		Packard, Bessie.....	do.....	75 00
		Peel, Thomas.....	do.....	55 00
		Phelps, Vergil V.....	do.....	150 00
		Post, Frederick.....	do.....	75 00
		Postlewait, Harriet L.....	do.....	55 00
		Potter, Mabel.....	do.....	75 00
		Pulling, Elizabeth.....	do.....	60 00
		Putnam, Persis.....	do.....	75 00
		Renz, Myrtle.....	do.....	75 00
		Ricketts, Clara.....	do.....	60 00
		Riggs, Bess.....	do.....	35 00
		Robertson, Nellie.....	do.....	70 00
		Rogers, Della M.....	do.....	40 00
		Scanlan, Mary.....	do.....	60 00
		Sharp, Bertha L.....	do.....	55 00
		Shaw, Hazel Y.....	do.....	65 00
		Shepard, Anna L.....	do.....	100 00
		Slater, Sara M.....	do.....	60 00
		Smith, Florence E.....	do.....	75 00
		Smith, I. M.....	do.....	125 00
		Smith, Mayme L.....	do.....	65 00
		Staples, O. E.....	do.....	150 00
		States, Bertha G.....	do.....	50 00
		Stevens, Sabra.....	do.....	65 00
		Steitz, Alfred.....	do.....	85 00
		Stricklan, Freda O.....	do.....	65 00
		Thompson, M. E.....	do.....	90 00
		Tuttle, G. P.....	do.....	100 00
		Tyrrell, Josephine.....	do.....	50 00
		Vaibel, D.....	do.....	60 00
		Voight, Lida E.....	do.....	83 33
		White, Loretta.....	do.....	70 00
		Winchester, B. L.....	do.....	50 00
		Wyninger, H. T.....	do.....	60 00
		Becker, Georgia.....	do.....	65 00
		Brownfield, Lelah.....	do.....	50 00
		Ellis, E. R.....	do.....	50 00
		Flattery, Amanda.....	do.....	60 00
		Leonard, Russell.....	do.....	45 83

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 7604 Cld.	1914. Apr. 13	Lonius, J. O. ....	Salary, April, 1914. ....	\$ 90 00
		Paulus, William H. ....	do. ....	55 00
		Reid, Olive G. ....	do. ....	50 00
		Rein, Lillian E. ....	do. ....	50 00
		Ressler, Milton. ....	do. ....	80 00
		Vanderbeek, H. J. ....	do. ....	65 00
		Hart, Eliza. ....	do. ....	50 00
		Jester, Marie. ....	do. ....	55 00
		Johnson, J. J. ....	do. ....	50 00
		McMullen, Jennie B. ....	do. ....	50 00
		Pay roll. ....	April, 1914. ....	\$61,356 95
		April, 1914. ....	Salary, April, 1914. ....	183 33
O 7605	..do....	James, Edmund J. ....	do. ....	1,000 00
		Frazer, George E. ....	do. ....	333 33
		Fair, Sue M. ....	do. ....	80 00
		Fiero, E. E. ....	do. ....	50 00
		Warnock, A. R. ....	do. ....	150 00
		Strong, Lillian. ....	do. ....	50 00
		Carrithers, I. R. ....	do. ....	60 00
		Fargo, R. N. ....	do. ....	120 00
		Gill, H. L. ....	do. ....	220 00
		Huff, G. A. ....	do. ....	416 66
		Jones, R. R. ....	do. ....	120 00
		Manley, E. J. ....	do. ....	90 00
		Pengilly, H. E. ....	do. ....	10 00
		Brooks, Verna. ....	do. ....	90 00
		Gaut, Rosa-Lee. ....	do. ....	50 00
		Hitt, Agnes. ....	do. ....	20 00
		Hughitt, Anna L. ....	do. ....	100 00
		Landee, Marion C. ....	do. ....	90 00
		Moulton, Gertrude E. ....	do. ....	133 33
		Shoemaker, Dorothy-Ruth. ....	do. ....	70 00
		Webster, F. D. ....	do. ....	48 00
		Howes, H. E. (Student). ....	do. ....	20 00
		Westcott, C. H. (Student). ....	do. ....	20 00
		Prouty, E. C. (Student). ....	do. ....	20 00
		Berry, E. H. (Student). ....	do. ....	20 00
		Ousley, H. P. (Student). ....	do. ....	20 00
		Velzy, C. R. (Student). ....	do. ....	20 00
		Giehler, F. J. (Student). ....	do. ....	20 00
		Rich, P. C. (Student). ....	do. ....	20 00
		Hollister, H. A. ....	do. ....	270 83
		Ayer, T. P. (Student). ....	do. ....	70 00
		Bollman, Minnie J. (Student). ....	do. ....	32 50
		Branch, Nelle E. (Student). ....	do. ....	32 50
		Breedis, John (Student). ....	do. ....	18 00
		Britton, Floyd E. (Student). ....	do. ....	30 00
		Christy, Glen (Student). ....	do. ....	18 00
		Craig, Jennie A. ....	do. ....	80 00
		Drury, F. K. W. ....	do. ....	200 00
		Dunlap, Fannie (Student). ....	do. ....	60 00
		Eppinger, J. G. (Student). ....	do. ....	36 00
		Felsenthal, Emma. ....	do. ....	83 33
		Fontaine, E. O. (Student). ....	do. ....	36 00
		Gibson, Mable H. (Student). ....	do. ....	27 50
		Goulding, P. S. ....	do. ....	166 66
		Graves, Charles E. ....	do. ....	100 00
		Herdman, Margaret. ....	do. ....	75 00
		Hubbard, Marie E. (Student). ....	do. ....	27 50
		Hutchins, Margaret. ....	do. ....	83 33
		Janvrin, Charles. ....	do. ....	41 66
		Johnson Alice. ....	do. ....	83 33
		Jutton, Emma R. ....	do. ....	100 00
		Karsten, Eleanor G. ....	do. ....	100 00
		Leatherman, Marian. ....	do. ....	75 00
		Mitchell, Marguerite (Student). ....	do. ....	65 00
		Patton, Adah. ....	do. ....	91 66
		Renich, Katharine L. (Student). ....	do. ....	30 00
		Torrance, Mary. ....	do. ....	75 00
		Troy, Mary Z. (Student). ....	do. ....	65 00
		Windsor, P. L. ....	do. ....	291 66
		Wyeth, Ola M. ....	do. ....	80 00
		Eldredge, A. G. ....	do. ....	250 00
		Davenport, Eugene. ....	do. ....	500 00
		Powell, B. E. ....	do. ....	141 66
		Hieronymus, R. E. ....	do. ....	250 00
		Checkley, J. H. ....	do. ....	83 33
		Evans, Augusta D. ....	do. ....	83 33
		Jamison, A. W. ....	do. ....	166 66

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 7605 Ctd.	1914. Apr. 12	Miller, W. P.	Salary, April, 1914.	\$ 41 66
		Nolan, A. W.	do.	200 00
		Rankin, F. H.	do.	291 66
		Allyn, Orr.	do.	83 33
		Aumer, J. P.	do.	150 00
		Binding, L. R.	do.	83 33
		Brunson, A. M.	do.	70 00
		Clevenger, C. B.	do.	70 00
		Dickenson, R. W.	do.	83 33
		Ellis, O. I.	do.	70 00
		Fahrnkopf, H. F. T.	do.	70 00
		Garrett, F. W.	do.	100 00
		Gentle, G. E.	do.	70 00
		Gernert, W. B.	do.	150 00
		Gilkerson, H. C.	do.	70 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
		Niederman, Gertrude.	do.	50 00
		Sachs, W. H.	do.	133 33
		Schoonover, W. R.	do.	70 00
		Snider, H. J.	do.	70 00
		Van Alstine, E. D.	do.	175 00
		Walworth, E. H.	do.	70 00
		Wascher, F. M. W.	do.	100 00
		Wheeler, H. C.	do.	150 00
		Hall, L. D.	do.	112 50
		Newlin, C. I.	do.	100 00
		Perry, Leonora.	do.	100 00
		Simpson, F. M.	do.	133 33
		Wells, J. R.	do.	83 33
		Clark, E. M.	do.	75 00
		Fraser, W. J.	do.	291 66
		Keller, O. A.	do.	91 66
		Pearson, F. A.	do.	91 66
		Bole, S. J.	do.	86 32
		Blair, J. C.	do.	416 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
		Foglesong, L. E.	do.	116 66
		Gardner, J. J.	do.	100 00
		Gunderson, A. J.	do.	100 00
		Harper, Julia A.	do.	65 00
		Hoffman, R. W.	do.	70 00
		Hutchinson, James.	do.	100 00
		Lloyd, J. W.	do.	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
		Fleming, Georgia.	do.	100 00
		Goldthwaite, Nellie.	do.	187 50
		Gray, Cora E.	do.	116 66
		Harrison, Florence.	do.	100 00
		Parsons, Maud.	do.	116 66
		Pincomb, Helena M.	do.	133 33
		Seymour, Lurene.	do.	150 00
		Stevens, Grace E.	do.	110 00
		Wheeler, Ruth.	do.	141 66
		McIntosh, Donald.	do.	208 33
		Brand, R. E.	do.	175 00
		Schmidt, E. C.	do.	141 90
		Snodgrass, J. M.	do.	183 33
		Abrams, D. A.	do.	150 00
		Chittenden, A. K.	do.	229 16

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 7605 <i>Ctd.</i>	1914.			
	Apr. 13	Dunn, H. H.	Salary, April, 1914	\$116 66
		Keller, R. B.	do.	166 66
		Allen, C. H.	do.	50 00
		Baker, R. E.	do.	35 00
		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
		Yensen, T. D.	do.	133 33
		Andros, S. O.	do.	150 00
		Decker, E. H.	do.	291 66
		Green, Frederick	do.	291 66
		Hale, W. G.	do.	291 66
		Harker, O. A.	do.	416 66
		Pomeroy, J. N.	do.	208 33
		Vernier, C. G.	do.	291 66
		Cassidy, H. M. (Student)	do.	25 00
		Pillsbury, W. H.	do.	200 00
		Little, R. F.	do.	50 00
		Andrews, O. M.	do.	83 33
		Babcock, K. C.	do.	416 66
		Meyer, G. H.	do.	229 16
		Waddell, Mary L.	do.	70 00
		Bradbury, C. E.	do.	120 00
		Kelley, C. F.	do.	150 00
		Lake, E. J.	do.	187 50
		Wetmore, Mary M.	do.	150 00
		Bond, J. J. D.	do.	30 00
		Reed, F. W.	do.	140 00
		Stebbins, Joel	do.	291 66
		Burton, L. V.	do.	90 00
		Newell, C. R.	do.	100 00
		Rahn, Otto	do.	225 00
		Brigham, R. O.	do.	60 00
		Hague, Stella M.	do.	90 00
		Hottes, C. F.	do.	250 00
		Lamkey, E. M. R.	do.	60 00
		LeCato, J. M.	do.	60 00
		McDougall, W. B.	do.	120 00
		Parr, Rosalie M.	do.	80 00
		Scherfee, S. H.	do.	30 00
		Stevens, F. L.	do.	333 33
		Trealease, William	do.	416 66
		Waggoner, H. D.	do.	60 00
		Whitten, J. H.	do.	60 00
		Hursh, R. K.	do.	150 00
		Radcliffe, B. S.	do.	120 00
		Rand, C. C.	do.	80 00
		Stull, R. T.	do.	250 00
		Williams, A. E.	do.	125 00
		Anders, P.	do.	100 00
		Adams, W. C.	do.	10 00
		Balke, C. W.	do.	250 00
		Ball, T. R.	do.	60 00
		Bates, S. J.	do.	100 00
		Beal, G. D.	do.	140 00
		Braley, S. A.	do.	30 00
		Broderson, H. J.	do.	120 00
		Carter, H. M.	do.	30 00
		Charlton, E. E.	do.	30 00
		Clark, K. A.	do.	35 00
		Cohn, Alexander	do.	10 00
		Darrah, Juanita E.	do.	30 00
		Davison, B. S.	do.	60 00
		Derick, C. G.	do.	166 66
		Eckstein, C. H.	do.	10 00
		Engle, E. W.	do.	50 00
		Englis, D. T.	do.	30 00
		Foster, L. F.	do.	50 00
		Gilmore, R. E.	do.	30 00
		Hecker, C. H.	do.	100 00
		Hess, R. W.	do.	50 00
		Honovski, B. R.	do.	80 00
		Hopkins, B. S.	do.	140 00
		Janson, J. M.	do.	10 00
		Kremmers, H. C.	do.	30 00
		Lewis, H. F.	do.	50 00
		MacArthur, C. G.	do.	150 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 7605 Ctd.	1914. Apr. 13	MacInnes, D. A.	Salary, April, 1914.	\$140 00
		Manuel, W. A.	do.	30 00
		Marquis, S. D.	do.	30 00
		Nelson, R. A.	do.	10 00
		Noyes, W. A.	do.	416 66
		Parr, S. W.	do.	333 33
		Prasil, Anton.	do.	10 00
		Read, J. W.	do.	60 00
		Rich, P. C.	do.	10 00
		Ruby, G. B.	do.	10 00
		Scholl, Clarence.	do.	30 00
		Sears, G. W.	do.	60 00
		Sievert, C. W. J.	do.	10 00
		Sims, C. E.	do.	10 00
		Skinner, G. S.	do.	30 00
		Smith, G. M.	do.	166 66
		Smith, L. D.	do.	100 00
		Snook, J. D.	do.	10 00
		Straw, W. A.	do.	10 00
		Taylor, E. H.	do.	30 00
		Taylor, S. C.	do.	50 00
		Thorp, Lambert.	do.	120 00
		Tippett, R. W.	do.	30 00
		Washburn, E. W.	do.	291 66
		Weber, H. C. P.	do.	166 66
		Weiland, H. J.	do.	35 00
		Wichers, Edward.	do.	30 00
		Wildman, E. A.	do.	50 00
		Lyman, L. T.	do.	10 00
		Valentine, H. D.	do.	60 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
		Samuels, T. W.	do.	40 00
		Stewart, C. L.	do.	70 00
		Thompson, C. M.	do.	180 00
		Thompson, J. G.	do.	180 00
		Anderson, L. F.	do.	229 16
		Bagley, W. C.	do.	416 66
		Coffman, L. D.	do.	291 66
		Hallquest, A. L.	do.	50 00
		Harlan, C. L.	do.	50 00
		Johnston, C. H.	do.	291 66
		Miller, W. S.	do.	150 00
		Alden, R. M.	do.	375 00
		Baldwin, E. C.	do.	175 00
		Boyer, C. V.	do.	140 00
		Buchen, W. A.	do.	150 00
		Clark, T. A.	do.	500 00
		Creek, H. L.	do.	140 00
		Curl, M. J.	do.	140 00
		Dixon, R. E.	do.	110 00
		Dodge, D. K.	do.	270 83
		Fulton, Edward.	do.	175 00
		Goodwin, T. G.	do.	100 00
		Guild, T. H.	do.	125 00
		Gwinn, Alta.	do.	90 00
		Harbarger, Sada A.	do.	100 00
		Jones, E. S.	do.	120 00
		Jones, H. S. V.	do.	183 33
		Jordan, J. C.	do.	100 00
		Kelso, Ruth.	do.	100 00
		Kyle, Martha J.	do.	180 00
		Loomis, R. S.	do.	120 00
		McJohnston, Harrison.	do.	120 00
		Paul, H. G.	do.	208 33
		Rinaker, Clarissa.	do.	110 00
		Sarett, L. E.	do.	100 00
		Schoeppele, Gertrude.	do.	130 00
		Scott, F. W.	do.	200 00
		Sherman, S. P.	do.	308 33
		Stanley, T. B.	do.	50 00
		Sutcliffe, E. G.	do.	100 00
		Tieje, A. J.	do.	120 00
		Whicher, G. F.	do.	110 00
		Woolbert, C. H.	do.	166 66
		Zeitlin, Jacob.	do.	133 33



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 7805 Ctd.	1914. Apr. 13	Folsom, J. W. ....	Salary, April, 1914 ....	\$208 33
		Forbes, S. A. ....	do. ....	83 33
		Glasgow, Dr. Robert D. ....	do. ....	120 00
		MacGillivray, A. D. ....	do. ....	250 00
		Peterson, Alvah. ....	do. ....	60 00
		Bayley, W. S. ....	do. ....	250 00
		Fleener, F. L. ....	do. ....	40 00
		Heitkamp, G. W. ....	do. ....	40 00
		Rich, J. L. ....	do. ....	150 00
		Rolfe, C. W. ....	do. ....	250 00
		Ross, C. S. ....	do. ....	40 00
		Savage, T. E. ....	do. ....	208 33
		Thompson, David. ....	do. ....	40 00
		Barto, P. S. ....	do. ....	100 00
		Brooks, N. C. ....	do. ....	208 33
		Flom, G. T. ....	do. ....	233 33
		Goebel, Julius. ....	do. ....	312 50
		Green, Alexander. ....	do. ....	120 00
		Held, F. E. ....	do. ....	50 00
		Koller, A. H. ....	do. ....	130 00
		Lessing, O. E. ....	do. ....	291 66
		Poor, C. M. ....	do. ....	150 00
		Spindler, G. W. ....	do. ....	50 00
		Williams, C. A. ....	do. ....	150 00
		Zucker, A. E. ....	do. ....	50 00
		Alvord, C. W. ....	do. ....	145 83
		Brush, Elizabeth P. ....	do. ....	90 00
		Buck, S. J. ....	do. ....	150 00
		Cole, A. C. ....	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
		Borger, R. L. ....	do. ....	125 00
		Burns, Josephine E. ....	do. ....	100 00
		Chittenden, E. W. ....	do. ....	120 00
		Crathorne, A. R. ....	do. ....	166 66
		Denton, W. W. ....	do. ....	140 00
		Emch, Arnold. ....	do. ....	187 50
		Hebbert, C. M. ....	do. ....	60 00
		Kempner, A. J. ....	do. ....	140 00
		Lytile, E. B. ....	do. ....	150 00
		Miller, G. A. ....	do. ....	291 66
		Rietz, H. L. ....	do. ....	158 33
		Rowland, S. A. ....	do. ....	75 00
		Rutledge, George. ....	do. ....	60 00
		Shaw, J. B. ....	do. ....	229 16
		Sisam, C. H. ....	do. ....	183 33
		Smith, G. W. ....	do. ....	60 00
		Stouffer, E. B. ....	do. ....	130 00
		Townsend, E. J. ....	do. ....	333 33
		Wahlin, G. E. ....	do. ....	116 66
		Zeis, H. C. ....	do. ....	60 00
		Beard, J. H. ....	do. ....	130 00
		Burge, W. E. ....	do. ....	183 33
		Neill, Alma J. ....	do. ....	60 00
		Bode, B. H. ....	do. ....	291 66
		Daniels, A. H. ....	do. ....	333 33
		Shepherd, Queen L. ....	do. ....	110 00
		Geyer, D. L. ....	do. ....	50 00
		Dodd, W. F. ....	do. ....	191 66
		Garner, J. W. ....	do. ....	333 33
		Hanford, A. C. ....	do. ....	50 00
		Mathews, J. M. ....	do. ....	150 00
		Storey, Russell M. ....	do. ....	100 00
		Bentley, Madison. ....	do. ....	270 83
		Ruckmich, C. A. ....	do. ....	130 00
		Sutherland, A. H. ....	do. ....	150 00
		Vance, T. J. ....	do. ....	90 00
		Allen, Louis. ....	do. ....	45 00
		Beck, J. B. ....	do. ....	166 66
		Carnahan, D. H. ....	do. ....	112 50
		Carry, Charles. ....	do. ....	110 00
		Eppels, Joseph. ....	do. ....	90 00
		FitzGerald, J. D., II. ....	do. ....	225 00
		Moore, O. H. ....	do. ....	120 00
		Oliver, T. E. ....	do. ....	250 00
		Shulters, J. R. ....	do. ....	80 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 7605 Ctd.	1914. Apr. 13	Seymour, A. R.	Salary, April, 1914.....	\$191 66
		Turner, L. M.	.....do.....	150 00
		Wesenberg, T. G.	.....do.....	90 00
		Hayes, E. C.	.....do.....	275 00
		Todd, A. J.	.....do.....	141 66
		Adams, C. C.	.....do.....	137 50
		Chenoweth, H. E.	.....do.....	30 00
		Cobb, Margaret V.	.....do.....	30 00
		Faust, E. C.	.....do.....	60 00
		Green, Bessie R.	.....do.....	60 00
		Hanson, F. B. (Student)	.....do.....	60 00
		Heimbürger, H. V.	.....do.....	60 00
		Johnson, Gertrude.	.....do.....	40 00
		Kingsley, J. S.	.....do.....	291 66
		May, H. G.	.....do.....	30 00
		Linkins, R. H.	.....do.....	60 00
		Smith, Frank.	.....do.....	250 00
		Stunkard, H. W.	.....do.....	30 00
		VanCleave, H. J.	.....do.....	120 00
		Ward, H. B.	.....do.....	416 66
		Wells, Grace E.	.....do.....	30 00
		Zeleny, Charles.	.....do.....	250 00
		Kinley, David.	.....do.....	583 33
		Wright, A. B.	.....do.....	50 00
		Sheftel, Yetta.	.....do.....	100 00
		Austin, Louise.	.....do.....	25 00
		Bayley, Paul.	.....do.....	25 00
		Blaney, Lillian.	.....do.....	25 00
		Brandner, A. R.	.....do.....	25 00
		Browne, Lois A.	.....do.....	25 00
		Clark, Helen.	.....do.....	25 00
		Coultas, Lois M.	.....do.....	25 00
		Cushing, Helen I.	.....do.....	25 00
		Dewey, Ida B.	.....do.....	25 00
		Fisher, L. N.	.....do.....	25 00
		Garman, Philip.	.....do.....	25 00
		Haskett, Aloa A.	.....do.....	25 00
		Heck, A. O.	.....do.....	25 00
		Ingels, Nelle L.	.....do.....	25 00
		Kile, Jessie J.	.....do.....	25 00
		Knight, C. K.	.....do.....	25 00
		Knoche, Viola E.	.....do.....	25 00
		Lamb, B. F.	.....do.....	25 00
		Lantz, C. W.	.....do.....	25 00
		Lawrence, Matthew.	.....do.....	25 00
		Lincoln, Warren.	.....do.....	25 00
		McKenna, E. L.	.....do.....	25 00
		Mathews, Howard.	.....do.....	25 00
		Miles, Lois M.	.....do.....	25 00
		Miller, Jessie F.	.....do.....	25 00
		Pasmore, D. F.	.....do.....	25 00
		Parker, Karr.	.....do.....	25 00
		Partridge, N. L.	.....do.....	25 00
		Paulson, P. A.	.....do.....	25 00
		Ray, S. H.	.....do.....	25 00
		Reeves, H. P.	.....do.....	25 00
		Schinnerer, O. P.	.....do.....	25 00
		Shewhart, W. A.	.....do.....	25 00
		Siebens, Thekla M.	.....do.....	25 00
		Stevens, W. E.	.....do.....	25 00
		Stokes, C. N.	.....do.....	25 00
		Sullivan, W. W.	.....do.....	25 00
		Theilen, Margaret K.	.....do.....	25 00
		Thoreen, Edna A.	.....do.....	25 00
		Thorne, Mabel E.	.....do.....	25 00
		Wilber, A. S.	.....do.....	25 00
		Wilson, W. H.	.....do.....	25 00
		Wolf, H. C.	.....do.....	25 00
		Wolfe, W. S.	.....do.....	25 00
		Brown, R. W.	.....do.....	35 00
		Carroll, W. E.	.....do.....	40 00
		Clark, F. E.	.....do.....	35 00
		Conel, J. L.	.....do.....	35 00
		Cort, W. W.	.....do.....	30 00
		Farwell, S. P.	.....do.....	40 00
		Fracker, S. B.	.....do.....	35 00
		Gittins, Elizabeth M.	.....do.....	30 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 7605	Apr. 13	Gutberlet, J. E.	Salary, April, 1914.....	\$ 40 00
Cld.		Harder, O. E.	do.	30 00
		Heuse, E. O.	do.	40 00
		Holley, C. E.	do.	35 00
		Howard, J. W.	do.	30 00
		Johnson, Morris.	do.	30 00
		Kircher, E. A. T.	do.	40 00
		Lehenbauer, P. A.	do.	40 00
		Macfarlane, Wallace.	do.	35 00
		McGregor, H. H.	do.	35 00
		Mathewson, L. C.	do.	40 00
		Millard, E. B.	do.	40 00
		Miller, J. E.	do.	35 00
		Peine, A. F.	do.	35 00
		Russell, F. A.	do.	35 00
		Vogelein, Lily B.	do.	30 00
		Watson, Minnie E.	do.	35 00
		Wright, Quincy.	do.	30 00
		Wyatt, F. A.	do.	35 00
		Belt, J. H.	do.	50 00
		Hadley, H. F.	do.	50 00
		McDermet, Rudolph.	do.	50 00
		Maney, G. A.	do.	50 00
		Montgomery, Julian.	do.	50 00
		Nebel, M. L.	do.	50 00
		Pogue, R. B.	do.	50 00
		Thomas, H. R.	do.	50 00
		Wohlenberg, W. J.	do.	50 00
		Colson, H. W.	do.	100 00
		Clark, A. H.	do.	150 00
		Day, W. B.	do.	208 33
		Eicher, B. L.	do.	100 00
		Gathercoal, E. N.	do.	130 00
		Snow, C. M.	do.	150 00
		Bond, Ethel.	do.	83 33
		Curtis, Florence R.	do.	133 33
		Reece, E. J.	do.	133 33
		Simpson, Frances.	do.	166 66
		Harding, A. A.	do.	180 00
		Kirkup, Florence M.	do.	100 00
		Mills, C. H.	do.	225 00
		Morphy, E. W.	do.	170 00
		Nasmyth, H. D.	do.	170 00
		Schwartz, G. F.	do.	183 33
		Simon, Anna.	do.	100 00
		Smith, Constance Barlow.	do.	166 66
		Townsend, L. L.	do.	120 00
		Treat, Edna A.	do.	100 00
		Van den Berg, H. J.	do.	180 00
		Bartow, Edward.	do.	333 33
		Ferguson, H. F.	do.	90 00
		Hanford, W. W.	do.	60 00
		Hinds, M. E.	do.	70 00
		Huenink, H. L.	do.	70 00
		Mohlman, F. W.	do.	70 00
		Schnellbach, J. F.	do.	75 00
		Sjoblom, M. C.	do.	75 00
		Tanner, F. W.	do.	70 00
O 7606	Apr. 14	O. E. Staples, Bursar.	General labor.	\$127 60
O 7607	do.	O. E. Staples, Bursar.	do.	115 99
O 7608	Apr. 15	O. E. Staples, Bursar.	Student labor.	496 05
O 7609	do.	O. E. Staples, Bursar.	do.	48 06
O 7610	do.	Knowlton & Bennett.	General supplies.	5 02
O 7611	do.	Chester Horseshoeing Shop.	Horseshoeing.	43 50
O 7612	do.	J. W. Butler Paper Co.	Office supplies.	330 22
O 7613	do.	Twin City Roofing Co.	Roofing.	12 76
O 7614	do.	D. H. Lloyd.	Office supplies.	131 05
O 7615	do.	E. H. Sargent & Co.	Laboratory supplies.	11 99
O 7616	do.	Flanagan-Pearson Co.	Printing.	99 25
O 7617	do.	Alexander Lumber Co.	General supplies.	61 53
O 7618	do.	E. A. Eichhorst.	Machine repairs.	19 80
O 7619	do.	Geo. E. Amsbary Co.	Feeding stuffs.	515 00
O 7620	do.	E. Dietzgen Co.	Laboratory apparatus.	65 48
O 7621	do.	Dallenbach Brothers.	Laboratory supplies.	141 07
O 7622	do.	P. S. Campbell.	Printing.	16 00
O 7623	do.	J. Horace McFarland Co.	Laboratory apparatus.	16 30
O 7624	do.	Champaign Seed Co.	Feeding stuffs.	27 55
O 7625	do.	Chicago Packing House.	Laboratory supplies.	11 58
O 7626	do.	S. O. Andros.	Traveling expenses.	69 93

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914.				
O 7627	Apr. 15	B. A. Strauch	General supplies	\$ 50 53
O 7628	do	C. A. Kiler	Furniture	12 25
O 7629	do	J. C. Thomas	General supplies	4 40
O 7630	do	Bacon Brothers	do	5 30
O 7631	do	Eisner Grocery Co.	Laboratory supplies	56 87
O 7632	do	Mittendorf & Kiler	Furniture	19 00
O 7633	do	The Caldwell Co.	Electrical supplies	101 20
O 7634	do	F. M. Leslie	Fixtures	23 60
O 7635	do	Elmer & Amend	Laboratory supplies	3 21
O 7636	do	John H. Doyle	General supplies	35 83
O 7637	do	Twin City Ice & Cold Storage Co.	do	12 00
O 7638	do	Champaign Steam Laundry	Incidentals	101 61
O 7639	do	W. Lewis & Co.	Laboratory supplies	15 07
O 7640	do	S. E. Huff & Co.	General supplies	8 45
O 7641	do	Illinois State Reformatory	Printing	130 70
O 7642	do	The Burr Co.	Building material	9 31
O 7643	do	Cunningham Bros.	Laboratory supplies	14 64
O 7644	do	Barnhart Bros.	General supplies	30 58
O 7645	do	Metzler & Schafer Co.	Laboratory supplies	152 04
O 7646	do	Taylor Hardware Co.	General supplies	28 45
O 7647	do	A. C. McClurg & Co.	Office supplies	7 49
O 7648	do	Allis-Chalmers Mfg. Co.	Machine repairs	3 92
O 7649	do	Leeds & Northrup Co.	Apparatus repairs	8 50
O 7650	do	Shepley, Rutan & Coolidge	Laboratory apparatus	16 05
O 7651	do	The Survey Associates, Inc.	Books	3 00
O 7652	do	The Engineering & Mining Journal	do	5 00
O 7653	do	Mining Science	do	2 00
O 7654	do	J. T. Ryerson & Son	Laboratory supplies	10 24
O 7655	do	Colonial Steel Co.	do	7 44
O 7656	do	Geo. B. Carpenter & Co.	do	7 35
O 7657	do	Wood Drill Works	Laboratory apparatus	65 86
O 7658	do	Keystone Type Foundry	General supplies	1 08
O 7659	do	Central Scientific Co.	Laboratory supplies	3 29
O 7660	do	Scientific Materials Co.	Apparatus repairs	5 75
O 7661	do	F. W. Garrett	Traveling expenses	18 96
O 7662	do	R. W. Dickenson	do	39 06
O 7663	do	S. V. Holt	do	38 90
O 7664	do	W. W. Yapp	do	11 27
O 7665	do	Keuffel & Esser Co. of N. Y.	Laboratory apparatus	2 69
O 7666	do	Vaughans Seed Store	General supplies	4 50
O 7667	do	Leavitt Mfg. Co.	do	1 00
O 7668	do	Western Electric Co.	Electrical supplies	113 60
O 7669	do	G. C. Willis	Laboratory supplies	6 50
O 7670	do	Woldenberg & Schaar	do	6 75
O 7671	do	E. A. Holbrook	Traveling expenses	17 79
O 7672	do	H. H. Stock	do	5 81
O 7673	do	General Chemical Co.	Laboratory supplies	177 53
O 7674	do	Library of Congress	Catalog cards	75 00
O 7675	do	Creamery Package Mfg. Co.	General supplies	24 27
O 7676	do	Blanke Mfg. & Supply Co.	do	11 95
O 7677	do	H. A. Swits	Laboratory supplies	3 30
O 7678	do	Mrs. Elizabeth Maurer	Books	25 00
O 7679	do	Corbin Cabinet Lock Co.	General supplies	12 71
O 7680	do	Hegenbart Co.	Cafe supplies	5 00
O 7681	do	Farrar & Quinlan	do	53 41
O 7682	Apr. 16	White Poultry Farm	do	25 50
O 7683	do	Harry C. Gilkerson	Traveling expenses	13 47
O 7684	do	W. C. Coffey	do	12 59
O 7685	do	C. C. Logan	Field expenses	12 59
O 7686	do	F. W. Wascher	Traveling expenses	29 05
O 7687	do	H. C. Wheeler	do	36 47
O 7688	do	Harrison Fahrnkopf	Field expenses	7 98
O 7689	do	J. C. Howser	Traveling expenses and service	76 38
O 7690	do	A. F. Gustafson	Traveling expenses	14 53
O 7691	do	Electric Coal Co.	Coal	122 17
O 7692	do	Corbin Cabinet Lock Co.	General supplies	3 54
O 7693	do	H. W. Johns-Manville Co.	Tools	16 33
O 7694	do	Western Valve Co.	Plumbing supplies	59 96
O 7695	do	Samuel N. Rhoads	Books	4 25
O 7696	do	Bryan Marsh Electric Works	Electrical supplies	27 26
O 7697	do	Twin City Creamery Co.	Cafe supplies	40 00
O 7698	do	Wm. H. Murphy	General supplies	40 70
O 7699	do	C. N. Spence	do	3 75
O 7700	do	W. G. Griffith	do	2 00
O 7701	do	Paul O. Abbe	do	14 70
O 7702	do	Hunter, Rourke & Co.	Laboratory supplies	1 15
O 7703	do	E. Machlett & Son	Laboratory apparatus	15 00
O 7704	do	H. Swannell & Son	Laboratory supplies	10 60
O 7705	do	Ackroyd & Best, Ltd	do	1 97

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 7706	Apr. 16	Amberoid Chemical Products Co.....	Laboratory supplies.....	\$ 5 00
O 7707	..do..	Louis Melind Co.....	Office supplies.....	22 00
O 7708	..do..	Wilson-Maehlen Co.....	Laboratory supplies.....	2 10
O 7709	..do..	Hoskins Mfg. Co.....	..do.....	5 20
O 7710	..do..	The Leeds & Northrup Co.....	Laboratory apparatus.....	28 80
O 7711	..do..	James G. Biddle.....	..do.....	4 44
O 7712	..do..	C. F. Rease Co.....	General supplies.....	1 02
O 7713	..do..	C. C. Short.....	Field expense.....	5 50
O 7714	..do..	Fibre Specialty Mfg. Co.....	Laboratory apparatus.....	9 00
O 7715	..do..	T. I. Kilpatrick.....	Machine repairs.....	4 65
O 7716	..do..	Leigh F. Maxey.....	Feeding stuffs.....	30 00
O 7717	..do..	Southern Illinois Penitentiary.....	General supplies.....	30 00
O 7718	..do..	Wing Seed Co.....	..do.....	27 96
O 7719	..do..	Connors-Quayle.....	Machine repairs.....	6 50
O 7720	..do..	Underwood Typewriter Co.....	Office supplies.....	4 00
O 7721	..do..	Shultz Seed Co.....	General supplies.....	36 00
O 7722	..do..	Pantagraph Printing & Stationery Co.....	Office supplies.....	75 00
O 7723	..do..	Carl Hecker.....	General supplies.....	2 50
O 7724	..do..	Dow Brothers.....	..do.....	1 20
O 7725	..do..	Frederick Post Co.....	Office supplies.....	1 37
O 7726	..do..	Ottawa Silica Co.....	General supplies.....	3 50
O 7727	..do..	Electric Coal Co.....	Coal.....	6,073 73
O 7728	..do..	Harris-Dillavou & Co.....	Laboratory supplies.....	7 68
O 7729	..do..	Western Electric Co.....	Electrical supplies.....	30 19
O 7730	..do..	H. Swannell & Son.....	General supplies.....	738 80
O 7731	..do..	G. A. Garrison.....	..do.....	49 41
O 7732	..do..	McIntosh Stereopticon Co.....	Furniture.....	8 00
O 7733	..do..	Bertram Abney.....	Traveling expenses and services.....	11 73
O 7734	..do..	G. W. Beardsley.....	Traveling expenses.....	16 63
O 7735	..do..	C. E. Codlin.....	..do.....	28 21
O 7736	..do..	C. G. Cox.....	Traveling expenses and services.....	71 41
O 7737	..do..	C. B. Price.....	Traveling expenses.....	13 16
O 7738	..do..	Gertrude E. Moulton.....	..do.....	18 20
O 7739	..do..	E. Garver.....	..do.....	2 50
O 7740	..do..	May Massee.....	Traveling expenses and Lec- tures.....	15 69
O 7741	..do..	C. A. Clark.....	Traveling expenses and services.....	18 50
O 7742	..do..	J. R. Brown.....	Traveling expenses.....	7 59
O 7743	..do..	J. Orton Finley.....	General supplies.....	1 27
O 7744	..do..	Mrs. David M. Cory.....	..do.....	4 76
O 7745	..do..	John Hetts.....	Live stock.....	500 00
O 7746	..do..	Vaughan's Seed Store.....	General supplies.....	21 00
O 7747	..do..	Charles M. Filson.....	Feeding stuffs.....	49 00
O 7748	..do..	James B. Clow & Sons.....	General supplies.....	54 63
O 7749	..do..	University Press.....	Printing.....	8 00
O 7750	..do..	Central Electric Co.....	Electrical supplies.....	11 83
O 7751	..do..	Mittendorf & Kiler.....	Furniture repairs.....	3 25
O 7752	..do..	The Burr Co.....	Machine repairs.....	5 74
O 7753	..do..	American Steam Pump Co.....	..do.....	51 68
O 7754	..do..	H. A. Hollister.....	Traveling expenses.....	30 53
O 7755	..do..	Charles Block.....	Nursery stock.....	6 00
O 7756	..do..	L. S. Starrett Co.....	Apparatus repairs.....	2 23
O 7757	..do..	Fuller & Fuller Co.....	Laboratory supplies.....	9 90
O 7758	..do..	Pearl Adams.....	General labor.....	110 07
O 7759	..do..	Manhattan Electrical Supply Co.....	Laboratory supplies.....	4 20
O 7760	..do..	Vaughan's Seed Store.....	Laboratory apparatus.....	2 75
O 7761	..do..	A. C. McClurg & Co.....	Office supplies.....	11 00
O 7762	..do..	Enterprise Iron Works.....	Fencing contract.....	234 97
O 7763	..do..	Brunswick Refrigerating Co.....	Machine repairs.....	15 00
O 7764	..do..	Chicago Engineer Supply Co.....	..do.....	1 10
O 7765	..do..	Charles H. Besly & Co.....	Tools.....	15 03
O 7766	..do..	Smith-Totman Co.....	General supplies.....	9 31
O 7767	..do..	G. & W. Electric Specialty Co.....	Electrical supplies.....	26 55
O 7768	..do..	Robert W. McBride.....	Traveling expenses.....	7 77
O 7769	..do..	C. A. Adams.....	..do.....	69 85
O 7770	..do..	R. E. Zombro.....	General supplies.....	4 50
O 7771	..do..	George Strode.....	Awnings, etc.....	13 50
O 7772	..do..	Bausch & Lomb Optical Co.....	Apparatus repairs.....	40 53
O 7773	..do..	Hektograph Mfg. & Duplicator Co.....	Office supplies.....	3 25
O 7774	..do..	Geo. Murphy, Inc.....	Laboratory apparatus.....	1 61
O 7775	..do..	Chas. G. Willoughby.....	..do.....	65 00
O 7776	..do..	Samuel Harris & Co.....	Laboratory supplies.....	4 17
O 7777	..do..	Swartz Electric Shop.....	..do.....	2 40
O 7778	..do..	H. C. Lawson.....	Traveling expenses.....	25 68
O 7779	..do..	M. R. Carlson.....	..do.....	21 05
O 7780	..do..	Julius J. Aussen.....	..do.....	18 40
O 7781	..do..	Edwin Behling.....	..do.....	4 18
O 7782	..do..	C. F. Goodman.....	Traveling expenses and services.....	66 74
O 7783	..do..	Chris C. Jensen.....	Traveling expenses.....	1 69

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914.				
O 7784	Apr. 16	F. A. Aust.	Traveling expenses	\$ 14 50
O 7785	do	Commercial Telephone & Telegraph Co.	Telephone	6 00
O 7786	do	B. S. Pickett	Traveling expenses	19 51
O 7787	do	E. W. Bailey	do	8 72
O 7788	do	Nelson H. Ouimette	do	50 60
O 7789	do	R. W. Dickenson	do	23 39
O 7790	do	F. W. Wascher	do	18 37
O 7791	do	S. V. Holt	do	38 41
O 7792	do	C. C. Logan	do	4 00
O 7793	do	Chas. A. Campbell	do	5 12
O 7794	do	A. Bergen	Field expenses	18 15
O 7795	do	Wayne Dinsmore	Traveling expenses	7 79
O 7796	do	H. P. Rusk	do	8 18
O 7797	do	Beardsley Hotel Co.	do	5 00
O 7798	do	Champaign and Urbana Water Co.	General supplies	1 25
O 7799	do	Florence Harrison	Traveling expenses	8 59
O 7800	do	D. O. Barto	do	14 64
O 7801	do	F. A. C. Smith	do	3 56
O 7802	do	J. O. Tupper	Traveling expenses and services	32 47
O 7803	Apr. 18	Ernst Hertzberg & Sons	Binding	231 67
O 7804	do	O. E. Staples, Bursar	Student labor	80 04
O 7805	do	Bennetts Magazine Agency	Magazines	3 15
O 7806	do	G. W. Sheldon & Co.	Freight	4 76
O 7807	do	James M. White	Traveling expenses	19 69
O 7808	do	Montgomery Ward & Co.	Laboratory supplies	33 89
O 7809	do	G. Cramer Dry Plate Co.	General supplies	23 22
O 7810	do	Sweet, Wallach & Co.	do	3 38
O 7811	do	American Educational Co.	Books	5 00
O 7812	do	American Hereford Breeders Assn.	Incidentals	1 00
O 7813	do	A. L. Sowers	Feeding stuffs	5 95
O 7814	do	American Milling Co.	do	215 50
O 7815	do	Albert Dickinson Co.	do	52 94
O 7816	do	John Richard	do	72 42
O 7817	do	Zanesville Stoneware Co.	Laboratory apparatus	71 00
O 7818	do	Marine Biological Laboratory	Laboratory supplies	18 25
O 7819	do	Kimble Durand Glass Co.	do	14 70
O 7820	do	Spencer Lens Co.	do	3 75
O 7821	do	Crane Co.	General supplies	38 44
O 7822	do	Charles Parker Co.	Laboratory apparatus	2 60
O 7823	do	Corona Chemical Co.	General supplies	63 74
O 7824	do	Detroit Flower Pot Co.	do	8 34
O 7825	do	Wm. H. Broadwell	do	1 00
O 7826	do	Smith & Co.	Cafe supplies	25 00
O 7827	do	The Celluloid Co.	General supplies	1 78
O 7828	do	Associated Farm Papers	Books	1 00
O 7829	do	Mallinckrodt Chemical works	Laboratory supplies	24 00
O 7830	do	Charles A. Campbell	Traveling expenses	24 63
O 7831	do	J. S. Reimund	Cafe supplies	6 00
O 7832	do	C. A. Denman	Machine repairs	519 45
O 7833	do	Taylor Hardware Co.	Laboratory apparatus	47 43
O 7834	do	P. S. Campbell	Printing	1 75
O 7835	do	Illinois State Reformatory	do	27 20
O 7836	do	Elmer & Amend	Laboratory apparatus	7 20
O 7837	do	Twin City Ice & Cold Storage Co.	General supplies	4 00
O 7838	do	E. H. Sargent & Co.	Laboratory supplies	12 50
O 7839	do	Robert F. Hildebrand	General supplies	28 50
O 7840	do	Prof. C. R. Richards	Traveling expenses	54 86
O 7841	do	Harold E. Babbitt	do	17 18
O 7842	do	H. H. Stoek	do	18 77
O 7843	do	A. K. Chittenden	do	9 09
O 7844	do	R. E. Hellman	Lectures	150 00
O 7845	do	AnSCO Co.	General supplies	11 24
O 7846	do	A. L. A. Publishing Board	do	17 20
O 7847	do	Osgood Co.	Printing	44 43
O 7848	do	Chester Transfer Co.	Drayage	35 58
O 7849	do	Champaign Seed Co.	General supplies	62 70
O 7850	do	Cunningham Brothers	do	6 96
O 7851	do	Hunter, Rourke & Co.	do	65 00
O 7852	do	S. E. Huff & Co.	do	14 60
O 7853	do	Bacon Brothers	do	15 74
O 7854	do	John H. Doyle	do	79 70
O 7855	do	J. Horace McFarland Co.	Incidentals	1 25
O 7856	do	C. A. Kiler	General supplies	2 20
O 7857	do	Flanigan-Pearson Co.	Printing	30 50
O 7858	do	Alexander Lumber Co.	Feeding stuffs	9 02
O 7859	do	The Burr Co.	Laboratory supplies	19 99
O 7860	do	Twin City Roofing Co.	Building materials	28 70
O 7861	do	F. K. Robeson	Janitor's supplies	32 81
O 7862	do	G. C. Willis	General supplies	236 27

OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 7863	Apr. 20	H. A. Hollister	Traveling expenses	\$ 30 56
O 7864	.do.	Underwood Typewriter Co.	Rental	3 00
O 7865	.do.	Roy G. Hart & Co.	Office equipment	3 60
O 7866	.do.	International Acheson Graphite Co.	Laboratory supplies	11 02
O 7867	.do.	Walker Vehicle Co.	Apparatus repairs	13 40
O 7868	.do.	B. A. Raitton Co.	Cafe supplies	24 00
O 7869	.do.	Morris & Co.	General supplies	2 65
O 7870	.do.	Electric Appliance Co.	Laboratory apparatus	21 60
O 7871	.do.	Montgomery Ward & Co.	Laboratory supplies	1 00
O 7872	.do.	Chas. G. Willoughby	.do.	40 23
O 7873	.do.	Dallenbach Brothers	.do.	14 03
O 7874	.do.	Roessler & Hasslacher Chemical Co.	.do.	12 10
O 7875	.do.	Fuller & Fuller Co.	.do.	96 00
O 7876	.do.	Illinois Electric Co.	Electrical supplies	16 48
O 7877	.do.	Central Scientific Co.	Laboratory apparatus	16 00
O 7878	.do.	Shavings & Sawdust Co.	Feeding stuffs	92 54
O 7879	.do.	Edna Lyman Scott	Lecturer	250 00
O 7880	.do.	O. E. Staples, Bursar	Student labor	22 65
O 7881	.do.	O. E. Staples, Bursar	.do.	88 86
O 7882	Apr. 21	O. E. Staples, Bursar	General labor	148 03
O 7883	.do.	O. E. Staples, Bursar	.do.	51 43
O 7884	Apr. 23	O. E. Staples, Bursar	.do.	36 20
O 7885	.do.	Pay roll	April, 1914	120 00
		Dexter, Lydia A.	Salary, April, 1914	\$70 00
		Nagle, Sybil	.do.	50 00
O 7886	Apr. 24	O. E. Staples, Bursar	Student labor	29 73
O 7887	.do.	Receivers, Central Union Telephone Co.	Rental	156 00
O 7888	.do.	J. W. Butler Paper Co.	Office stationery	22 94
O 7889	.do.	The Linde Air Products Co.	Oxygen	1 50
O 7890	.do.	F. H. Whittum	Analyses	18 50
O 7891	.do.	W. J. Smith	Thermoregulators	55 00
O 7892	.do.	E. H. Sargent & Co.	Laboratory supplies	127 32
O 7893	.do.	Twin City Roofing Co.	Roofing	132 28
O 7894	.do.	Bausch & Lomb Optical Co.	Apparatus	20 48
O 7895	.do.	Weil Bros.	Tin, wire	26 28
O 7896	.do.	Bacon Brothers	Paints, glass, etc.	6 65
O 7897	.do.	John H. Doyle	Hardware supplies	30 00
O 7898	.do.	The Chas. A. Hall Hardware Co.	Bolts, nails, etc.	13 95
O 7899	.do.	Knowlton & Bennett	General supplies	8 90
O 7900	.do.	S. E. Huff & Co.	Lumber	33 90
O 7901	.do.	The Burr Co.	Repairs, etc.	19 60
O 7902	.do.	B. A. Strauch	Printing	4 00
O 7903	.do.	Indian Refining Co.	Oil	60 74
O 7904	.do.	F. M. Leslie	Framing	20 20
O 7905	.do.	Jas. H. Rices Co.	Building material	3 40
O 7906	.do.	J. W. Dunlap	Mason work	113 55
O 7907	.do.	Chas. H. Besly & Co.	Tools	6 75
O 7908	.do.	General Electric Co.	Carbon brushes	5 80
O 7909	.do.	W. F. & John Barnes Co.	Tools	28 22
O 7910	.do.	Wood Drill Works	Laboratory apparatus	56 70
O 7911	Apr. 24	Engineering News	Advertising	4 00
O 7912	.do.	Power	.do.	3 95
O 7913	.do.	Colonial Steel Co.	Laboratory supplies	3 36
O 7914	.do.	A. J. Bentley	Dusters	5 88
O 7915	.do.	Champaign Daily Gazette	Subscription	4 25
O 7916	.do.	Bennett's Newspaper & Magazine Agency	.do.	1 70
O 7917	.do.	Western Valve Co.	Valves	3 78
O 7918	.do.	W. C. Bryant	Corn	70 00
O 7919	.do.	Burley & Tyrrell Co.	Plates	13 80
O 7920	.do.	Fitted Steel Sash Works	Railing	143 00
O 7921	.do.	Baker & Co., Inc.	Platinum wire	23 67
O 7922	.do.	A. B. Ansbacher & Co.	General supplies	2 88
O 7923	.do.	Mrs. J. F. Jolly	Sulphur, etc.	101 55
O 7924	.do.	Henry Fuermann & Sons	Photographs	24 00
O 7925	.do.	J. Bishop & Co. Platinum Works	Repairs	7 75
O 7926	.do.	Ihling Brothers Everard Co.	Binders, etc.	27 45
O 7927	.do.	General Chemical Co.	Chemicals	52 89
O 7928	.do.	Ira M. Crowther	Eggs	8 00
O 7929	.do.	A. A. Armstrong	Calf	175 00
O 7930	.do.	Reliable Plumbing & Heating Co.	Supplies	194 83
O 7931	.do.	Jacob White	Plastering	8 75
O 7932	.do.	G. C. Willis	Supplies	2 10
O 7933	.do.	D. H. Loyde	Films, etc.	2 15
O 7934	.do.	Percival & Moorehead	Hardware	19 05
O 7935	.do.	Watson Faulkner	Oil, etc.	1 95
O 7936	.do.	John W. Spalding	Horseshoeing	8 00
O 7937	.do.	Ernst Hertzberg & Sons	Binding	47 07
O 7938	.do.	Pantagraph Printing & Stationery Co.	Printing	10 50
O 7939	.do.	Munhall Printing House	Cards	3 75

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 7940	Apr. 24	Vaughan's Seed Store.....	Seeds.....	\$ 1 00
O 7941	..do.	L. L. Olds Seed Co.....	..do.....	5 10
O 7942	..do.	Manhattan Electric Supply Co.....	Primary coil.....	1 25
O 7943	..do.	Hurd & Harrun.....	Machinery.....	60 00
O 7944	..do.	The Kentucky Tobacco Product Co.....	Laboratory supplies.....	27 37
O 7945	..do.	H. Swannell & Son.....	..do.....	1 50
O 7946	..do.	Lallie Surveying Instrument Co.....	Steel tape.....	19 60
O 7947	..do.	Henry A. Dreer, Inc.....	Grass seed.....	5 25
O 7948	..do.	The Chas. A. Strelinger Co.....	Drills.....	4 52
O 7949	..do.	Standard Oil Co.....	Oil.....	4 00
O 7950	..do.	B. L. Bowling.....	General labor.....	38 00
O 7951	..do.	Commercial Acetylene Railway, Light & Signal Co.....	Gas.....	3 38
O 7952	..do.	D. T. Heimlicher.....	Cockerel.....	3 00
O 7953	..do.	C. Hasler.....	Harness, etc.....	58 15
O 7954	..do.	Hegenbart Co.....	Sausage.....	5 00
O 7955	..do.	L. H. Provine.....	Traveling expenses.....	38 73
O 7956	..do.	International Press Clipping Bureau.....	Service.....	10 00
O 7957	..do.	James G. Biddle.....	Apparatus.....	12 46
O 7958	..do.	T. H. Craig.....	Repairing.....	3 50
O 7959	..do.	W. F. Murphey.....	Groceries.....	149 87
O 7960	..do.	The DeVilbiss Mfg. Co.....	Atomizer.....	1 25
O 7961	..do.	Montgomery Ward & Co.....	Field glasses.....	52 50
O 7962	..do.	The Geo. J. Roberts Co.....	General supplies.....	5 00
O 7963	..do.	W. W. Walls & Co.....	Lumber.....	22 75
O 7964	..do.	W. Lewis & Co.....	Supplies.....	2 25
O 7965	..do.	James B. Clow & Sons.....	..do.....	5 50
O 7966	..do.	Taylor Hardware Co.....	Hose.....	6 75
O 7967	..do.	Flanigan-Pearson Co.....	Printing.....	6 75
O 7968	..do.	B. E. Spalding.....	Laboratory supplies.....	4 00
O 7969	..do.	American Hereford Record Assn.....	Balance due for record.....	1 00
O 7970	..do.	O. E. Shobe.....	Use of team.....	2 00
O 7971	..do.	"Friend" Mfg. Co.....	Machine supplies.....	4 19
O 7972	..do.	Sweet, Wallach & Co.....	Laboratory apparatus.....	2 56
O 7973	..do.	Library Bureau.....	Cards.....	90 00
O 7974	..do.	Olin H. Moore.....	Express.....	2 00
O 7975	..do.	E. E. Hoskins.....	Traveling expenses.....	31 25
O 7976	..do.	M. L. Nebel.....	..do.....	12 70
O 7977	..do.	H. C. Wheeler.....	..do.....	32 40
O 7978	..do.	H. C. Gilkerson.....	..do.....	18 53
O 7979	..do.	R. W. Dickenson.....	..do.....	29 76
O 7980	..do.	F. W. Wascher.....	..do.....	41 31
O 7981	..do.	J. L. Edmonds.....	..do.....	10 94
O 7982	..do.	S. V. Holt.....	..do.....	35 50
O 7983	..do.	W. J. Carmichael.....	..do.....	9 52
O 7984	..do.	J. B. Andrews.....	..do.....	27 51
O 7985	..do.	F. M. Simpson.....	..do.....	21 94
O 7986	..do.	George W. Matheny.....	..do.....	15 15
O 7987	..do.	George W. Medley.....	Field expenses.....	19 83
O 7988	..do.	C. C. Logan.....	Traveling expenses.....	20 15
O 7989	..do.	O. S. Fisher.....	..do.....	56 81
O 7990	..do.	E. M. Clark.....	..do.....	13 49
O 7991	..do.	R. E. Hieronymus.....	..do.....	44 95
O 7992	..do.	D. F. McFarland.....	..do.....	14 49
O 7993	..do.	M. J. Wright.....	..do.....	10 13
O 7994	..do.	Jos. H. Checkley.....	..do.....	1 86
O 7995	..do.	C. H. Woolbert.....	..do.....	5 96
O 7996	..do.	Miss Mary E. Ahern.....	Lecture and traveling expenses.....	23 17
O 7997	..do.	E. C. Hayes.....	Traveling expenses.....	5 49
O 7998	..do.	Jacob Fen Boer.....	Field expenses.....	25 20
O 7999	..do.	A. L. Moats.....	..do.....	20 85
O 8000	..do.	W. T. Crandall.....	Traveling expenses.....	11 65
O 8001	..do.	Garfield Jones.....	..do.....	13 68
O 8002	..do.	W. H. Smith.....	..do.....	2 85
O 8003	..do.	Pay roll.....	April, 1914.....	2,552 33
		Dieckmann, T. W.....	Wages, April, 1914.....	\$ 65 00
		Layng, T. B.....	..do.....	60 00
		Merica, Paul D.....	..do.....	150 00
		Burdick, I. F.....	..do.....	85 00
		Andrews, J. B.....	..do.....	50 00
		Blackburn, Fred J.....	..do.....	50 00
		Engle, Ralph N.....	..do.....	30 00
		Pine, Fred.....	..do.....	75 00
		Campbell, Chas. A.....	..do.....	65 00
		Chapman, C. C.....	..do.....	100 00
		Colcord, R. M.....	..do.....	22 50
		DeWard, H. A.....	..do.....	57 50
		Dunham, R. S.....	..do.....	45 00
		Hufford, C. T.....	..do.....	30 00



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 8003 Cld.	1914. Apr. 24	Lankford, John.....	Wages, April, 1914.....	\$ 60 00
		Reed, Alice.....	do.....	55 00
		Sims, Flora M.....	do.....	83 33
		Wright, Jr., Douglas.....	do.....	16 50
		Bennett, W. L.....	do.....	70 00
		Dunlap, B. H.....	do.....	60 00
		Hunter, L. A.....	do.....	75 00
		Stark, R. W.....	do.....	100 00
		Anderson, J. C.....	do.....	70 00
		Tornquist, Andrew.....	do.....	75 00
		Engle, W. J.....	do.....	70 00
		Foster, O. F.....	do.....	70 00
		Stoutzenberg, Florence.....	do.....	25 00
		Johns, W. E.....	do.....	37 50
		Crouch, H. E.....	do.....	115 00
		Palfrey, John.....	do.....	75 00
		Cate, H. A.....	do.....	70 00
		Lawson, H. C.....	do.....	60 00
		Garver, Earl.....	do.....	65 00
		Jensen, Chris. C.....	do.....	55 00
		Carlson, M. R.....	do.....	60 00
		Ausen, Julius.....	do.....	55 00
		Paley, I.....	do.....	55 00
		Behling, Edwin.....	do.....	55 00
		Beardsley, G. W.....	do.....	60 00
		Walters, Philip.....	do.....	75 00
O 8004	do.....	Pay roll.....	April, 1914.....	\$3, 694 66
		Argo, Roy.....	Wages, April, 1914.....	55 00
		Barto, Lucy M.....	do.....	20 00
		Chaplin, Ralph.....	do.....	60 00
		Conley, M. J.....	do.....	75 00
		Cook, Jesse.....	do.....	55 00
		Crawford, T. P.....	do.....	50 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
		Magnuson, A. O.....	do.....	80 00
		Meenach, Earl.....	do.....	65 00
		Morgan, J. E.....	do.....	15 00
		Patterson, Will.....	do.....	50 00
		Pergande, R.....	do.....	95 00
		Pritchard, H.....	do.....	70 00
		Rhoads, Hazel.....	do.....	60 00
		Rose, M. D.....	do.....	52 50
		Sinclair, C. R.....	do.....	65 00
		Sprinkle, D. C.....	do.....	50 00
		Stoneburner, A. J.....	do.....	50 00
		Swearingen, Daisy O.....	do.....	50 00
		Wilson, R. W.....	do.....	65 00
		Askins, Levi Roy.....	do.....	22 50
		Brentlinger, Emmett P.....	do.....	45 00
		Brown, C. F.....	do.....	50 00
		Brown, E. J.....	do.....	45 00
		Brown, Edward.....	do.....	50 00
		Bullock, T. D.....	do.....	45 00
		Conrad, Emma.....	do.....	35 00
		Corson, A. J.....	do.....	50 00
		Curry, Florence J.....	do.....	30 00
		Dale, Fred.....	do.....	50 00
		Dillion, Jasper.....	do.....	47 50
		Doyle, Bernard.....	do.....	33 54
		Egelston, Asa T.....	do.....	30 80
		Engle, Lawrence.....	do.....	25 00
		Gossett, J. Oliver.....	do.....	60 00
		Grabbe, Florence H.....	do.....	50 00
		Griffith, L. A.....	do.....	50 00
		Hamlin, Clyde.....	do.....	55 00
		Hamlin, Hiram.....	do.....	50 00
		Hamlin, W. T.....	do.....	45 00
		Heath, William.....	do.....	50 00
		Hensel, Etta.....	do.....	45 00
		Herbert, J. J.....	do.....	85 00
		Houser, Frank E.....	do.....	45 00
		Jacobson, I. L.....	do.....	60 00
		Jensen, George.....	do.....	50 00
		Luther, Ida Louise.....	do.....	24 00
		Marsh, W. T.....	do.....	27 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 8004 <i>Ctd.</i>	1914. Apr. 24	McQueen, H. D. ....	Wages, April, 1914. ....	\$ 50 00
		Marshall, Samuel A. ....	do. ....	47 50
		Miller, W. W. ....	do. ....	75 00
		Mink, George ....	do. ....	47 50
		Moore, H. E. ....	do. ....	50 00
		Mount, Harold ....	do. ....	55 00
		Nesbit, Lawrence ....	do. ....	50 00
		Pollard, Charles ....	do. ....	50 00
		Prewitt, Floyd E. ....	do. ....	50 00
		Pritchard, R. ....	do. ....	60 00
		Proesel, William ....	do. ....	36 66
		Redman, Louise E. ....	do. ....	60 00
		Ross, Roy M. ....	do. ....	80 00
		Sanders, Frank ....	do. ....	50 00
		Sayer, Clint. ....	do. ....	35 00
		Shipman, Cash ....	do. ....	50 00
		Shue, Mrs. Lizzie B. ....	do. ....	40 00
		Stephens, William R. ....	do. ....	50 00
		Stivers, M. F. ....	do. ....	50 00
		Stoltzfus, Amos L. ....	do. ....	46 00
O 8005	do. ....	O. E. Staples, Bursar	General labor	\$ 142 04
O 8006	Apr. 27	Pay roll	April, 1914.	295 00
		Allison, I. D. ....	Salary, April, 1914. ....	150 00
		Bunch, Mamie. ....	do. ....	45 00
		Harry, W. L. ....	do. ....	100 00
O 8007	do. ....	C. R. Clark ....	Traveling expenses.	17 98
O 8008	do. ....	A. E. Morris. ....	Field expense	21 21
O 8009	do. ....	H. J. Snider ....	Traveling expenses.	10 76
O 8010	do. ....	A. M. Brunson ....	do. ....	10 29
O 8011	do. ....	F. A. Pearson ....	do. ....	49 15
O 8012	do. ....	F. W. Garrett. ....	do. ....	33 17
O 8013	do. ....	U. S. Reduction Co. ....	Laboratory supplies.	18 11
O 8014	do. ....	Albert E. Wuesteman. ....	Repairs	1 50
O 8015	do. ....	The Adams Co. ....	Laboratory supplies.	1 62
O 8016	do. ....	The S. Obermayer Co. ....	do. ....	4 70
O 8017	do. ....	John Sexton & Co. ....	Supplies.	16 29
O 8018	do. ....	William E. Cary. ....	Laboratory supplies.	6 36
O 8019	do. ....	Frison Brothers ....	Repairs	8 00
O 8020	do. ....	O. E. Staples, Bursar	Student labor	56 45
O 8021	do. ....	American Steel & Wire Co. ....	Fencing.	130 63
O 8022	do. ....	United Wire & Supply Co. ....	Copper tubing.	25 13
O 8023	do. ....	Library Bureau ....	Pamphlet cases.	30 75
O 8024	do. ....	Henry E. Tufts ....	General supplies.	7 25
O 8025	do. ....	University Press. ....	Programs	2 25
O 8026	do. ....	The Davis Ewing Concrete Co. ....	Fencing.	104 05
O 8027	do. ....	Hazard Mfg. Co. ....	Telephone apparatus.	64 03
O 8028	do. ....	Commercial Acetylene Railway Light & Signal Co. ....	Gas	3 38
O 8029	do. ....	W. F. Murphey ....	General supplies.	31 44
O 8030	do. ....	Charles H. Besly & Co. ....	Rules	2 33
O 8031	Apr. 28	Well Brothers ....	General supplies.	2 69
O 8032	do. ....	Tice & Lynch ....	Entry, charges, etc.	5 75
O 8033	do. ....	Western Electric Co. ....	Mazda lamps.	143 35
O 8034	do. ....	Franz A. Aust. ....	Traveling expenses.	10 50
O 8035	do. ....	H. W. Mumford. ....	do. ....	21 15
O 8036	do. ....	B. E. Powell. ....	do. ....	9 34
O 8037	do. ....	F. M. Leslie. ....	Frames	5 75
O 8038	do. ....	General Electric Co. ....	Laboratory supplies.	1 44
O 8039	do. ....	The Garlock Packing Co. ....	Glass rings.	6 07
O 8040	do. ....	Vaughans Seed Store. ....	Supplies.	4 00
O 8041	do. ....	Flanigan-Pearson Co. ....	Printing.	370 59
O 8042	do. ....	Ralph Chaplin. ....	Traveling, expenses, etc.	96 28
O 8043	do. ....	A. J. Gunderson. ....	Traveling expenses.	7 55
O 8044	do. ....	E. W. Bailey. ....	do. ....	7 95
O 8045	do. ....	O. M. Allyn. ....	do. ....	19 31
O 8046	do. ....	L. A. Hunter. ....	do. ....	6 44
O 8047	do. ....	Wendell Heighton, Manager. ....	Contract.	1,200 00
O 8048	do. ....	Edward Chauncey Baldwin. ....	Traveling expenses.	7 12
O 8049	do. ....	H. A. Hollister. ....	do. ....	20 71
O 8050	do. ....	The Adams-Bagnall Electric Co. ....	Thermo globes.	3 29
O 8051	do. ....	Osgood Co. ....	Half-tone portriat.	4 05
O 8052	do. ....	The Linde Air Products Co. ....	Oxygen	3 00
O 8053	do. ....	The Warren Brush Co. ....	Brushes and handles.	12 60
O 8054	do. ....	Smith-Totman Co. ....	Supplies.	5 54
O 8055	do. ....	The Weis Mfg. Co. ....	Office supplies.	6 25
O 8056	do. ....	Pay roll	April, 1914.	147 00
		Ham, Raymond. ....	Wages, April, 1914. ....	47 00
		Harding, Clayton Forest. ....	do. ....	100 00
O 8057	Apr. 29	Ernst Leitz ....	Laboratory apparatus. ....	86 83

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 8058	Apr. 29	P. D. Long.	Field expenses.	\$ 26 82
O 8059	do	H. C. Gilkerson	Traveling expenses.	13 46
O 8060	do	F. W. Garrett	do.	10 27
O 8061	do	James Mfg. Co.	Freight.	2 86
O 8062	do	T. H. Guild	Traveling expenses.	10 95
O 8063	do	B. H. Bode	do.	3 99
O 8064	do	A. H. Sutherland	do.	15 02
O 8065	do	G. A. Garrison	Labor on well.	17 00
O 8066	do	Commercial Camera Co.	Supplies.	333 86
O 8067	do	Sanford Mfg. Co.	do.	9 50
O 8068	do	Tower Mfg. & Novelty Co.	Numbering machine.	10 87
O 8069	do	Library Bureau	Paper.	4 50
O 8070	do	Kokomo Steel & Wire Co.	Supplies.	1 20
O 8071	do	Southern Illinois Penitentiary.	Limestone.	24 00
O 8072	do	T. A. Keleher	Eggs.	1 00
O 8073	do	Armstrong Cork Co.	Corks.	30 00
O 8074	do	Neostyle Co.	Supplies.	10 00
O 8075	do	Ward's Natural Science Establishment.	do.	7 67
O 8076	do	Driver Harris Wire Co.	do.	9 28
O 8077	do	Gym Store.	Tennis nets	7 50
O 8078	do	Barnhart Bros.	Supplies.	13 40
O 8079	do	Twin City Roofing Co.	Roofing, etc.	165 55
O 8080	do	F. A. Hawley	Concrete work.	23 25
O 8081	do	Illinois State Reformatory.	Printing.	255 65
O 8082	do	O. E. Staples, Bursar	General labor	78 38
O 8083	do	The Chas. A. Hall Hardware Co.	Stove bolts, etc.	80 42
O 8084	do	G. C. Willis	Supplies.	1 75
O 8085	do	Knowlton & Bennett	Glass.	6 65
O 8086	do	Miller Harness Co.	Harness, etc.	14 90
O 8087	do	Eugene Dietzgen Co.	Repairs, etc.	4 01
O 8088	do	Hunter, Rourke & Co.	Lumber.	10 30
O 8089	do	E. H. Sargent & Co.	Laboratory supplies.	17 09
O 8090	do	F. A. Hawley	Repairing concrete.	21 00
O 8091	do	The H. W. Wilson Co.	Binding.	4 25
O 8092	do	G. W. Sheldon & Co.	Freight, customs.	17 51
O 8093	do	G. W. Sheldon & Co.	Entry.	5 14
O 8094	do	L. E. Young	Traveling expenses.	8 55
O 8095	do	The Storrs & Harrison Co.	Nursery stock.	7 80
O 8096	do	Blanke Mfg. & Supply Co.	Laboratory supplies.	32 38
O 8097	do	Stone & Forsyth Co.	Paper towels.	31 25
O 8098	do	E. W. Sampson	Oil.	2 00
O 8099	do	Firson Bros.	Machine repairs.	2 50
O 8100	do	Thos. Franks & Son.	Plants.	1 00
O 8101	do	F. B. Judge, Superintendent.	Postage.	1 42
O 8102	do	Harvard Apparatus Co.	Laboratory apparatus.	8 30
O 8103	do	W. W. Coblentz.	do.	70 00
O 8104	do	G. E. Stechert & Co.	Books.	5 28
O 8105	do	Simplex Electric Heating Co.	Laboratory apparatus.	40 50
O 8106	do	P. S. Campbell	Printing.	6 25
O 8107	do	Sullivan Machinery Co.	Apparatus repairs.	2 50
O 8108	Apr. 30	J. M. Lindgren	Expert services.	74 75
O 8109	do	David M. Fyfe	Traveling expenses.	21 95
O 8110	do	Fannie Brooks	Lectures.	45 00
O 8111	do	Spencer Lens Co.	Laboratory apparatus.	40 50
O 8112	do	O. E. Staples, Bursar	Express.	2 04
O 8113	do	O. E. Staples, Bursar	Student labor.	94 53
O 8114	do	The Chas. A. Hall Hardware Co.	Saw.	2 25
O 8115	do	Royal A. Stipes	Coal.	7 50
O 8116	do	G. C. Willis	Wire.	2 10
O 8117	do	H. Swannell & Son	Laboratory supplies.	1 75
O 8118	do	Eimer & Amend	do.	1 35
O 8119	do	Eugene Dietzgen Co.	Paper.	6 00
O 8120	do	Twin City Ice & Cold Storage Co.	Coupon book.	25 00
O 8121	do	Hazard Mfg. Co.	Supplies.	28 89
O 8122	do	Ferguson Lumber Co.	Lumber.	46 05
O 8123	do	W. W. Kemp	Traveling expenses.	7 19
O 8124	do	W. W. Walls & Co.	Plaster.	7 00
O 8125	do	Pay roll.	April, 1914.	75 00
		Bennett, A. N.	Salary, April, 1914.	\$75 00
O 8126	do	Boorum & Pease LL Book Co.	Supplies.	4 79
O 8127	do	J. W. Butler Paper Co.	Paper.	153 39
O 8128	do	Stipes & Hecker	Cement.	9 50
O 8129	do	The Burr Co.	Supplies, etc.	13 16
O 8130	do	Miller Harness Co.	Supplies.	10 85
O 8131	do	Barnhart Brothers.	do.	6 10
O 8132	do	S. E. Huff & Co.	Lumber.	16 15
O 8133	do	Illinois State Reformatory.	Printing.	127 35
O 8134	do	Twin City Roofing Co.	Roofing, etc.	62 06
O 8135	do	E. H. Sargent & Co.	Laboratory supplies.	11 61

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 8136	Apr. 30	D. H. Lloyd.	Supplies	\$ 14 37
O 8137	..do.	A. C. McClurg & Co.	..do.	11 83
O 8138	..do.	Irving-Pitt Mfg. Co.	..do.	7 25
O 8139	..do.	Louis Melind Co.	..do.	1 61
O 8140	..do.	The Tablet & Ticket Co.	..do.	6 70
O 8141	..do.	Taylor Hardware Co.	..do.	3 80
O 8142	..do.	Bacon Brothers.	Glass, etc.	25 45
O 8143	..do.	A. S. Nelson & Sons.	Laboratory supplies.	13 51
O 8144	..do.	S. E. Dillavou.	Machinery	51 50
O 8145	..do.	Champaign Seed Co.	Feeding stuffs.	16 85
O 8146	..do.	T. H. Craig.	Repairs.	3 50
O 8147	..do.	Ernst Hertzberg & Sons.	Books.	21 00
O 8148	..do.	B. A. Strauch.	Developing prints.	3 14
O 8149	May 4	E. Davenport.	Traveling expenses.	8 45
O 8150	..do.	J. B. Marshall.	Field expenses.	93 32
O 8151	..do.	H. J. Snider.	Traveling expenses.	31 30
O 8152	..do.	College of Agriculture.	..do.	38 40
O 8153	..do.	C. C. Logan.	..do.	22 12
O 8154	..do.	College of Agriculture.	..do.	42 57
O 8155	..do.	Geo. W. Medley.	Field expenses.	32 25
O 8156	..do.	F. W. Wascher.	Traveling expenses.	45 47
O 8157	..do.	H. C. Wheeler.	..do.	47 75
O 8158	..do.	R. W. Dickenson.	..do.	51 12
O 8159	..do.	O. M. McGhee.	..do.	4 74
O 8160	..do.	C. E. Durst.	..do.	14 20
O 8161	..do.	Fred J. Blackburn.	..do.	25 08
O 8162	..do.	Library of Congress.	Catalog cards.	75 00
O 8163	..do.	H. A. Hollister.	Traveling expenses.	27 97
O 8164	..do.	J. E. Whitchurch.	..do.	50 57
O 8165	..do.	Harry C. Gilkerson.	..do.	12 17
O 8166	..do.	R. W. Dickenson.	..do.	36 10
O 8167	..do.	F. W. Garrett.	..do.	20 72
O 8168	..do.	Wm. Aten, Sr.	Field expenses.	36 25
O 8169	..do.	Albert Tate.	..do.	63 70
O 8170	..do.	A. L. Moats.	..do.	23 50
O 8171	..do.	John W. Dye.	Drains.	99 80
O 8172	..do.	Stephen Rogers.	Field expenses.	46 60
O 8173	..do.	Beers & Clinkenbeard.	Bond premium.	10 00
O 8174	..do.	John Crerar.	Catalog cards.	50 38
O 8175	..do.	S. O. Andros.	Traveling expenses.	10 07
O 8176	May 6	Frank J. Warne.	Books.	25 00
O 8177	..do.	G. E. Stechert & Co.	..do.	19 55
O 8178	..do.	H. J. Snider.	Traveling expenses.	15 91
O 8179	..do.	Chas. A. Campbell.	..do.	37 07
O 8180	..do.	F. W. Wascher.	..do.	39 87
O 8181	..do.	C. C. Logan.	..do.	25 52
O 8182	..do.	H. T. McKinney.	..do.	9 85
O 8183	..do.	A. V. Essington.	..do.	16 24
O 8184	..do.	Dr. J. J. Findley.	Lecture.	200 00
O 8185	..do.	Dr. H. V. Canter.	Traveling expenses.	25 56
O 8186	..do.	John McCullough.	Rentals.	192 00
O 8187	..do.	J. H. Percival.	..do.	150 00
O 8188	..do.	E. E. Hoskins.	Traveling expenses.	26 69
O 8189	..do.	J. G. Mosier.	..do.	21 54
O 8190	..do.	H. C. Wheeler.	..do.	48 79
O 8191	..do.	Wm. Powell.	Field expenses.	43 75
O 8192	..do.	O. S. Watkins.	Traveling expenses.	35 81
O 8193	..do.	N. Clifford Ricker.	..do.	17 31
O 8194	..do.	J. H. Browning.	Rent and printing.	12 50
O 8195	..do.	Yetta Scheffel.	Traveling expenses.	13 84
O 8196	..do.	Eimer and Amend.	Laboratory supplies.	3 00
O 8197	..do.	Frank L. Collyer.	Laboratory apparatus.	2 10
O 8198	..do.	International Press Clipping Bureau.	Clipping.	5 00
O 8199	..do.	Geo. B. Carpenter & Co.	Bales No. 1, waste.	23 08
O 8200	..do.	American Medical Assn.	Medical directory.	7 00
O 8201	..do.	Central Electric Co.	Laboratory supplies.	50 49
O 8202	..do.	Baker & Co.	..do.	4 42
O 8203	..do.	Automatic Electric Co.	Telephone supplies.	35 97
O 8204	..do.	Woldenberg & Schaar.	Laboratory supplies.	91 36
O 8205	..do.	George McGahey.	Live stock.	425 00
O 8206	..do.	Carbondale Printing Co.	Printing.	26 00
O 8207	..do.	Ideal Electric Co.	General supplies.	2 00
O 8208	..do.	Charles F. Haak.	Drawings.	28 50
O 8209	..do.	Sears, Roebuck & Co.	Office supplies.	1 48
O 8210	..do.	R. W. Brathwaite.	Expert services.	23 45
O 8211	..do.	Chas. F. Witt Est.	Whip.	1 25
O 8212	May 7	S. H. Burton.	Live stock.	105 00
O 8213	..do.	Vaughans Seed Store.	Labels, etc.	7 50
O 8214	..do.	J. Manz Engraving Co.	Printings.	14 79

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 8215	May 7	The Grasselli Chemical Co.	Supplies.	\$ 64 98
O 8216	do	Mrs. J. F. Jolly	Crates.	5 50
O 8217	do	The Bean Spray Co.	Machine repairs.	9 29
O 8218	do	National Engraving Co.	Printing and publishing.	27 05
O 8219	do	Walker & Mulliken.	Frames.	2 00
O 8220	do	G. C. Willis.	Broad cloth.	4 50
O 8221	do	Whitall Tatum Co.	Museum jars.	16 49
O 8222	do	Twin City Electric Co.	Cord and plug.	5 50
O 8223	do	General Bakelite Co.	Laboratory supplies.	1 36
O 8224	do	J. D. White.	Stamps.	475 00
O 8225	do	R. E. Hieronymous.	Traveling expenses.	48 72
O 8226	do	Shultz Seed Co.	Catalogs.	30 65
O 8227	do	C. O. Taylor.	Bedding straw.	8 18
O 8228	do	G. E. Amsbary.	Bran.	9 00
O 8229	do	Conner and Quayle.	Field expenses.	21 50
O 8230	do	George W. Jones, Editor.	Advertising.	11 25
O 8231	do	C. M. Parker.	do.	8 25
O 8232	do	N. T. Peirce.	Lime.	5 00
O 8233	do	Scudamore Brothers.	Towels and soap.	1 95
O 8234	do	Oakland Printing Shop.	Printings.	4 00
O 8235	May 7	The Frederick Post Co.	Office supplies.	1 36
O 8236	do	Charles L. Anderson.	Farm machinery.	37 50
O 8237	do	The Daily Illini.	Advertising.	9 90
O 8238	do	Maple Farm of Midlothian.	Live stock.	50 00
O 8239	do	The Kny-Scherer Co.	Laboratory apparatus.	15 50
O 8240	do	Nelson Lewis Greene.	Charts.	1 62
O 8241	do	Albert E. Wuesteman.	Medal.	36 00
O 8242	do	E. P. Reichhelm & Co.	Laboratory supplies.	19 19
O 8243	do	Walter F. Handschin.	Expert services.	3 00
O 8244	do	John C. Moore, Corporation.	Blanks.	7 00
O 8245	do	The Champaign Daily Gazette.	Advertising.	7 50
O 8246	do	Pearl A dams.	Labor.	107 52
O 8247	do	General Chemical Co.	Calcium carbide.	8 25
O 8248	do	H. C. Klett.	Seed corn.	1 25
O 8249	do	C. W. Croy.	Wells.	6 50
O 8250	do	Stipes & Hecker.	Sand.	3 30
O 8251	do	G. Cramer Dry Plate Co.	Supplies.	40 74
O 8252	do	Hunter, Rourke & Co.	Building repairs.	29 37
O 8253	do	G. W. Sheldon & Co.	Draft and expenses.	68 40
O 8254	do	Goder-Heimann Co.	Museum supplies.	70 15
O 8255	do	Stipes & Hecker.	Lime and cement.	4 20
O 8256	do	Royal A. Stipes.	Nut coal.	7 50
O 8257	do	Sweet, Wallach & Co.	Case seeds.	14 40
O 8258	do	Standard Cap & Seal Co.	Rentals.	4 50
O 8259	do	Automatic Electric Co.	Phone supplies.	27 50
O 8260	do	O. E. Staples, Bursar.	Student labor.	243 68
O 8261	do	O. E. Staples, Bursar.	do.	178 90
O 8262	do	O. E. Staples, Bursar.	General labor.	113 28
O 8263	May 8	H. D. Oberdorfer.	Traveling expenses.	2 40
O 8264	do	S. V. Holt.	do.	34 50
O 8265	do	E. Van Alstine.	do.	18 12
O 8266	do	O. S. Fisher.	do.	56 07
O 8267	do	Frank Morgan.	Field expenses.	50 23
O 8268	do	Henry Pfau.	do.	46 88
O 8269	do	Alfred Bergren.	do.	27 68
O 8270	do	Miss Mary Eggington.	Rentals.	30 00
O 8271	do	E. G. Softmann.	Office supplies.	12 20
O 8272	do	Crescent Engraving Co.	Printing and publishing.	15 75
O 8273	do	Osgood Co.	do.	126 00
O 8274	do	Leesley Brothers.	Museum supplies.	7 00
O 8275	do	Metzler & Schafer Co.	Cafeteria supplies.	49 06
O 8276	do	Dallenbach Bros.	do.	111 34
O 8277	do	Twin City Creamery Co.	do.	23 92
O 8278	do	W. Lewis Co.	Laboratory supplies.	5 64
O 8279	do	The Cable Co.	"101 Best Songs".	17 50
O 8280	do	W. H. Stark Nursery.	Nursery supplies.	4 00
O 8281	do	National Drain Tile Co.	Drains.	87 50
O 8282	do	Chicago Flexible Shaft Co.	Machine repairs.	4 27
O 82-3	do	G. W. Lawrence.	General supplies.	13 88
O 8284	do	C. O. Taylor.	Wheat straw.	74 15
O 8285	do	J. W. Butler Paper Co.	Office supplies.	2 36
O 8286	do	The Tablet & Ticket Co.	Office supplies.	6 96
O 8287	do	The Wm. Cramp & Sons.	Laboratory supplies.	4 88
O 8288	do	Pratt & Whitney Co.	Laboratory apparatus.	6 89
O 8289	do	Crane Co.	do.	5 91
O 8290	do	U. S. Reduction Co.	do.	9 88
O 8291	do	The J. B. Ford Co.	General supplies.	25 00
O 8292	do	Miller Harness Co.	Farm machinery.	1 40
O 8293	do	The Weeks Carrier Co.	Wax bags and clips.	6 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 8294	May 8	Standard Cap & Seal Co.....	General supplies.....	\$ 45 25
O 8295	..do..	P. S. Campbell.....	Printing.....	1 75
O 8296	..do..	J. R. Gentleman.....	Sodium carbonate.....	5 25
O 8297	..do..	Urbana & Champaign Gas & Electric Co.	Coal tar.....	2 40
O 8298	..do..	The Creamery Package Mfg. Co.....	Apparatus repairs.....	1 17
O 8299	..do..	Urbana Courier Co.....	Incidentals.....	3 00
O 8300	..do..	Standard Oil Co.....	Petroleum, Lubricating oil.....	1 09
O 8301	..do..	Ellwanger & Barry.....	Nursery stock.....	8 00
O 8302	..do..	I. E. Ilgenfritz & Sons Co.....	..do..	8 00
O 8303	..do..	Shenadoah Nurseries.....	..do..	3 65
O 8304	..do..	Stark Bros. Nurseries.....	..do..	11 00
O 8305	..do..	Wild Bros. Nursery Co.....	..do..	3 90
O 8306	..do..	Sherwin William Co.....	General supplies.....	4 10
O 8307	..do..	Reliable Plumbing & Heating Co.....	Building supplies.....	16 79
O 8308	..do..	Twin City Ice & Cold Storage.....	Incidentals.....	2 00
O 8309	..do..	Hunter, Rourke & Co.....	General supplies.....	48 00
O 8310	..do..	F. M. Leslie.....	Furniture and fixtures.....	2 10
O 8311	..do..	Bausch & Lomb Optical Co.....	Laboratory supplies.....	1 22
O 8312	..do..	G. E. Stechert & Co.....	Subscriptions.....	37 86
O 8313	..do..	Eisner Grocery Co.....	Cafeteria supplies.....	5 40
O 8314	..do..	J. W. Percival.....	General supplies.....	5 60
O 8315	..do..	Irving-Pitt Mfg. Co.....	Office supplies.....	2 05
O 8316	..do..	Neostyle Co.....	..do..	5 11
O 8317	..do..	Burrough Adding Machine Co.....	..do..	5 25
O 8318	..do..	U. S. Blue Print Paper Co.....	..do..	6 67
O 8319	..do..	Chas. C. Smith.....	..do..	1 00
O 8320	..do..	Eugene Dietzgen Co.....	..do..	16 75
O 8321	..do..	Underwood Typewriter Co.....	..do..	29 04
O 8322	..do..	U. of I. Supply Store.....	..do..	7 56
O 8323	..do..	Champaign Seed Co.....	Supplies.....	27 81
O 8324	..do..	D. H. Loyde.....	Laboratory supplies.....	6 35
O 8325	..do..	Knowlton & Bennett.....	General supplies.....	9 90
O 8326	..do..	F. K. Robeson.....	Laboratory supplies.....	2 84
O 8327	..do..	Leavitt Mfg. Co.....	..do..	28 62
O 8328	..do..	Barnhart Bros.....	General supplies.....	1 75
O 8329	..do..	Champaign Steam Laundry.....	Laundry.....	68 00
O 8330	..do..	C. C. Willis.....	Cafeteria supplies.....	18 33
O 8331	May 11	A. S. Nelson & Sons.....	..do..	10 25
O 8332	..do..	B. E. Spalding.....	Office supplies.....	7 15
O 8333	..do..	The Chas. A. Hall Hardware.....	Building repairs.....	7 00
O 8334	..do..	E. H. Sargent & Co.....	Laboratory supplies.....	18 65
O 8335	..do..	Illinois State Reformatory.....	Printing.....	721 85
O 8336	..do..	S. E. Huff & Co.....	Building repairs.....	54 35
O 8337	..do..	Flanigan-Pearson Co.....	Printing.....	293 32
O 8338	..do..	The Burr Co.....	General supplies.....	15 10
O 8339	..do..	S. E. Dillavou.....	Machine repairs.....	116 25
O 8340	..do..	Taylor Hardware Co.....	Laboratory apparatus.....	31 50
O 8341	..do..	Oldham Brothers.....	General supplies.....	41 67
O 8342	..do..	The Weis Mfg. Co.....	Office supplies.....	40 68
O 8343	..do..	Miller-Bryant-Pierce Co.....	..do..	98 17
O 8344	..do..	J. W. Butler Paper Co.....	..do..	36 60
O 8345	..do..	Blanke Mfg. & Supply Co.....	General supplies.....	8 75
O 8346	..do..	B. F. Stevenson & Son.....	Laboratory supplies.....	17 89
O 8347	..do..	Keuffel & Esser Co. of N. Y.....	Office supplies.....	38 27
O 8348	..do..	General Electric Co.....	Apparatus repairs.....	8 38
O 8349	..do..	A. C. McClurg & Co.....	Office supplies.....	8 73
O 8350	..do..	The Starrs & Harrison Co.....	Nursery stock.....	9 90
O 8351	..do..	The National Drain Tile Co.....	Drains.....	184 80
O 8352	..do..	John H. Doyle.....	Laboratory supplies.....	17 37
O 8353	..do..	Ernest Hertzberg & Sons.....	Library.....	106 57
O 8354	..do..	The University Club of Urbana & Cham-		
		paign.....	Traveling expenses.....	2 65
O 8355	..do..	Georgia Fleming.....	..do..	10 71
O 8356	..do..	Miss Isabel Bevier.....	..do..	10 84
O 8357	..do..	L. R. Lang.....	..do..	7 04
O 8358	..do..	J. C. Howser.....	Traveling expenses and expert	
			service.....	49 01
O 8359	..do..	C. F. Goodman.....	Traveling expenses.....	59 60
O 8360	..do..	Ed Behling.....	..do..	2 54
O 8361	..do..	G. W. Beardsley.....	..do..	14 94
O 8362	..do..	E. G. Howe.....	Traveling expenses and expert	
			services.....	22 85
O 8363	..do..	C. G. Cox.....	Traveling expenses.....	48 96
O 8364	..do..	Julius Ausen.....	..do..	10 65
O 8365	..do..	J. L. Edmonds.....	..do..	13 95
O 8366	..do..	C. C. Jensen.....	..do..	8 85
O 8367	..do..	Woldenberg & Schaar.....	Laboratory apparatus.....	10 50
O 8368	..do..	Charles W. Redwood.....	..do..	30 00
O 8369	..do..	The Wistar Institution.....	Laboratory supplies.....	3 60

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 8370	May 11	The American Seeding Machine Co.	Farm machinery.	\$ 33 75
O 8371	..do.	Plainfield Grain Co.	Fencing.	25 65
O 8372	..do.	Ernst Leitz	Laboratory apparatus.	57 27
O 8373	..do.	The Electric Storage Battery Co.	..do.	9 90
O 8374	..do.	Universal Sales Co.	Office supplies.	4 56
O 8375	..do.	Standard Oil Co.	General supplies.	4 55
O 8376	..do.	Montgomery, Ward & Co.	Farm machinery	38 30
O 8377	..do.	Frank Turner	Traveling expenses and expert services	10 51
O 8378	May 12	F. A. Hawley	General supplies.	30 00
O 8379	..do.	The Letter Shop.	Clerical assistance.	7 00
O 8380	..do.	B. E. Spaulding	General supplies.	44 08
O 8381	..do.	L. C. Smith & Bros. Typewriter Co.	Rentals	7 80
O 8382	..do.	Champaign Steam Laundry	Laundry.	19 15
O 8383	..do.	Leavitt Mfg. Co.	General supplies.	3 20
O 8384	..do.	C. H. Woolbert	Traveling expenses	23 19
O 8385	..do.	The Marine Biol Laboratory	Rentals	100 00
O 8386	..do.	Weston Electric Instrument Co.	Apparatus repairs.	7 00
O 8387	..do.	Ward's Natural Science Establishment.	Laboratory supplies.	29 45
O 8388	..do.	The Aetna Powder Co.	Laboratory apparatus.	12 77
O 8389	..do.	J. E. Morgan	..do.	3 00
O 8390	..do.	Alexander Green	Expert services	28 50
O 8391	..do.	P. P. Caproni & Bro., Inc.	Museum specimen.	7 50
O 8392	..do.	Westinghouse Electric & Mfg. Co.	Laboratory apparatus.	64 61
O 8393	..do.	W. F. Murphey	General supplies.	150 94
O 8394	..do.	Oldham Brothers	..do.	2 65
O 8395	May 13	Chas. Welch	..do.	15 00
O 8396	..do.	H. F. Chester	Traveling expenses	75
O 8397	..do.	S. E. Huff & Co.	General supplies.	113 05
O 8398	..do.	The Burr Co.	..do.	27 84
O 8399	..do.	Barnhart Brothers.	..do.	20 45
O 8400	..do.	Gym Store.	..do.	2 19
O 8401	..do.	Illinois State Reformatory	Printing.	145 55
O 8402	..do.	Bacon Brothers	General supplies.	35 81
O 8403	..do.	Ideal Electric Co.	Building material	27 35
O 8404	..do.	The Leeds & Northrup Co.	Laboratory apparatus.	314 95
O 8405	..do.	Twin City Ice & Cold Storage Co.	Laboratory supplies.	8 50
O 8406	..do.	The Chester Transfer Co.	Traveling expenses	1 00
O 8407	..do.	B. F. Stevenson & Son	Laboratory supplies.	16 06
O 8408	..do.	E. H. Sargent & Co.	..do.	49 10
O 8409	..do.	James B. Clow & Sons.	General supplies.	14 75
O 8410	..do.	Federal Sign System.	..do.	14 59
O 8411	..do.	Elmer & Amend.	Laboratory supplies.	5 05
O 8412	..do.	Electrical Testing Laboratory	..do.	7 00
O 8413	..do.	General Electric Co.	Laboratory apparatus.	116 99
O 8414	..do.	George Murphey, Inc.	..do.	95 06
O 8415	..do.	A. N. Talbot	Traveling expenses	43 45
O 8416	..do.	A. F. Gustafson	..do.	20 88
O 8417	..do.	G. W. Lawrence.	Furniture and fixtures.	39 80
O 8418	..do.	D. H. Loyde	Rentals.	33 00
O 8419	..do.	Eggleston's Music House.	..do.	42 00
O 8420	..do.	L. C. Smith & Bros. Typewriter Co.	..do.	30 00
O 8421	..do.	Bennett's Magazine Agency	Books.	1 75
O 8422	..do.	Geo. E. Amsbary	Feeding stuff	25 75
O 8423	..do.	The Letter Shop.	Clerical assistance.	4 50
O 8424	..do.	Foots, Pierson & Co.	Laboratory apparatus.	5 00
O 8425	..do.	Ideal Electric Co.	Furniture and fixtures.	3 25
O 8426	..do.	American Radiator Co.	Laboratory apparatus.	15 65
O 8427	..do.	Knowlton & Bennett	Laboratory supplies.	3 30
O 8428	..do.	Scientific Materials Co.	..do.	8 16
O 8429	..do.	Walker & Mulliken	Furniture repairs	6 00
O 8430	..do.	AnSCO Co.	General supplies.	10 97
O 8431	..do.	Urbana Courier Co.	Printing.	25 20
O 8432	..do.	O. E. Staples, Bursar	General labor	200 01
O 8433	May 14	Pay roll.	May, 1914	10, 359 95
		Alexander Lilla.	Salary, May, 1914	\$ 65 00
		Alley, W. E.	..do.	85 00
		Amos, Winifred L.	..do.	75 00
		Atkinson, C. E.	..do.	141 66
		Beyer, Melinda L.	..do.	75 00
		Blackwell, Mary.	..do.	55 00
		Boice, L. A.	..do.	125 00
		Bowen, Evalena.	..do.	65 00
		Broadhurst, Tabitha J.	..do.	75 00
		Brown, Ina M.	..do.	60 00
		Bryan, Sarah E.	..do.	70 00
		Buckles, Mildred	..do.	65 00
		Buckler, Helen I.	..do.	60 00
		Burt, Ruth	..do.	50 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 8433 Ctd.	1914. May 14	Cass, Elizabeth H.	Salary, May, 1914.	\$ 65 00
		Crawford, C. C.	do.	65 00
		Cover, Hazel	do.	60 00
		Cunningham, H. E.	do.	166 66
		Custer, Emma L.	do.	75 00
		Dalton, C. E.	do.	50 00
		Dexter, Lydia A.	do.	70 00
		Durfey, Franc A.	do.	50 00
		Emigh, Edith.	do.	70 00
		Feind, Frances	do.	80 00
		Feldkamp, Amelia	do.	50 00
		Fraser, Viola	do.	65 00
		Fieg, Robert	do.	50 00
		Gage, Marjorie H.	do.	75 00
		Gallaher, Marion B.	do.	50 00
		Garwood, Frances.	do.	50 00
		Goetz, Antoinette.	do.	70 00
		Good, Elizabeth	do.	50 00
		Gordon, Marie A.	do.	55 00
		Griffith, Mabel	do.	70 00
		Hayes, Margaret L.	do.	40 00
		Halliday, Mabel.	do.	60 00
		Hamilton, Mrs. Alice V.	do.	75 00
		Hay, N.	do.	166 66
		Heater, Myrtle E.	do.	60 00
		Houchens, Josie B.	do.	83 33
		Hull, A. H.	do.	65 00
		Humrichouse, Katie L.	do.	50 00
		Johnson, Gertrude E.	do.	60 00
		Kirwin, Nora.	do.	50 00
		Knorr, L. E.	do.	150 00
		Knapp, Aurella.	do.	75 00
		Lahr, Lawrence.	do.	50 00
		Lamb, Allie B.	do.	55 00
		Lee, A. R.	do.	91 66
		Leitz, Louise A.	do.	40 00
		Love, Mary E.	do.	65 00
		Luther, Cornelia M.	do.	40 00
		McConn, C. M.	do.	250 00
		McGehee, Hester E.	do.	40 00
		McGurty, Agnes.	do.	83 33
		McIntire, W. A.	do.	50 00
		Manspeaker, L. Mae.	do.	83 33
		Meneley, Maude E.	do.	60 00
		Merchant, Donna.	do.	50 00
		Meseck, R.	do.	65 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
		Needham, Lucile	do.	60 00
		Nyberg, Florence A.	do.	50 00
		Packard, Bessie.	do.	75 00
		Peel, Thomas	do.	55 00
		Phelps, Vergil V.	do.	150 00
		Post, Frederick	do.	75 00
		Postlewait, Harriet L.	do.	55 00
		Potter, Mabel	do.	75 00
		Pulling, Elizabeth.	do.	60 00
		Putnam, Persis.	do.	75 00
		Renz, Myrtle	do.	75 00
		Ricketts, Clara.	do.	60 00
		Riggs, Bess	do.	35 00
		Robertson, Nellie.	do.	70 00
		Rogers, Della M.	do.	40 00
		Scanlan, Mary	do.	60 00
		Sharp, Bertha L.	do.	55 00
		Shaw, Hazel Y.	do.	65 00
		Shepard, Anna L.	do.	100 00
		Slater, Sara M.	do.	60 00
		Smith, Florence E.	do.	75 00
		Smith, I. M.	do.	125 00
		Smith, Mayme L.	do.	65 00
		Staples, O. E.	do.	150 00
		States, Bertha G.	do.	50 00
		Stevens, Sabra.	do.	65 00
		Steitz, Alfred	do.	85 00
		Stricklan, Freda O.	do.	65 00



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 8433 Cld.	1914, May 14	Thompson, M. E.....	Salary, May, 1914.....\$	90 00
		Tuttle, G. P.....	do.....	100 00
		Tyrell, Josephine.....	do.....	50 00
		Vaibel, D.....	do.....	60 00
		Voight, Lida E.....	do.....	83 33
		White, Loretta.....	do.....	70 00
		Winchester, B. L.....	do.....	50 00
		Wyninger, H. T.....	do.....	60 00
		Becker, Georgia.....	do.....	65 00
		Brownfield, Lelah.....	do.....	50 00
		Ellis, E. R.....	do.....	50 00
		Flattery, Amanda.....	do.....	60 00
		Jones, Mabel.....	do.....	65 00
		Leonard, Russell.....	do.....	45 83
		Lonius, J. O.....	do.....	90 00
		Paulus, William H.....	do.....	55 00
		Reid, Olive G.....	do.....	50 00
		Rein, Lillian E.....	do.....	50 00
		Ressler, Milton.....	do.....	80 00
		Vanderbeek, H. J.....	do.....	65 00
		Hart, Eliza.....	do.....	50 00
		Jester, Marie.....	do.....	55 00
		Johnson, J. J.....	do.....	50 00
		McMullen, Jennie B.....	do.....	50 00
		Jones, Mabel.....	do.....	47 50
		Arneson, Mabel.....	do.....	75 00
		Browne, W. H.....	do.....	250 00
		Cole, H. W.....	do.....	100 00
		Coles, B. D.....	do.....	50 00
		Froberg, Eric.....	do.....	75 00
		Hwasser, Anna Julia.....	do.....	50 00
		Southwell, James.....	do.....	115 00
		Tomlinson, J. S.....	do.....	125 00
		Allen, Josephine.....	do.....	55 00
		Bolan, Anna R.....	do.....	60 00
		David, Eshoo.....	do.....	50 00
		Loomis, Metta.....	do.....	75 00
		Gubbins, Maud.....	do.....	60 00
		David, Paul.....	do.....	50 00
		Healan, Louise B.....	do.....	50 00
		Klena, Joseph.....	do.....	70 00
		Schultz, Harry.....	do.....	35 00
		Rehfeldt, Hubert F.....	do.....	40 00
		Badel, Nathan.....	do.....	50 00
		Tomek, Gertrude.....	do.....	60 00
		Solomon, Jacob.....	do.....	50 00
		David, Simon.....	do.....	50 00
		George, Elia.....	do.....	50 00
		Kastanos, John.....	do.....	50 00
		Watson, Ethel Eva.....	do.....	50 00
		Drennan, Peter.....	do.....	80 00
		Schmidt, Josef.....	do.....	50 00
		Becker, Johann.....	do.....	50 00
O 8434	May 14	Pay roll.....	May, 1914.....	\$64,072 06
		Filbey, E. J.....	Salary, May, 1914.....	183 33
		James, Edmund J.....	do.....	1,000 00
		Frazer, George E.....	do.....	333 33
		Fair, Sue M.....	do.....	80 00
		Fiero, E. E (Student).....	do.....	50 00
		Warnock, A. R.....	do.....	150 00
		Strong, Lillian.....	do.....	50 00
		Carriethers, I. R.....	do.....	60 00
		Fargo, R. N.....	do.....	120 00
		Gill, H. L.....	do.....	220 00
		Huff, G. A.....	do.....	416 66
		Jones, R. R.....	do.....	120 00
		Manley, E. J.....	do.....	90 00
		Pengilly, H. E.....	do.....	10 00
		Brooks, Verna.....	do.....	90 00
		Gaut, Rosa-Lee.....	do.....	50 00
		Hitt, Agnes.....	do.....	20 00
		Hughitt, Anna L.....	do.....	100 00
		Moulton, Gertrude E.....	do.....	133 33
		Shoemaker, Dorothy-Ruth.....	do.....	70 00
		Webster, F. D.....	do.....	48 00
		Howee, H. E. (Student).....	do.....	20 00
		Westcott, C. H. (Student).....	do.....	20 00
		Prouty, E. C. (Student).....	do.....	20 00
		Berry, E. H. (Student).....	do.....	20 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 8434 Ctd.	1914.			
	May 14	Ousley, H. P. (Student).....	Salary, May, 1914.....	\$ 20 00
		Velzy, C. R. ....	do. ....	20 00
		Giehler, F. J. ....	do. ....	20 00
		Rich, P. C. ....	do. ....	20 00
		Hollister, H. A. ....	do. ....	270 83
		Ayer, T. P. (Student).....	do. ....	70 00
		Bollman, Minnie J. (Student).....	do. ....	32 50
		Branch, Nelle E. (Student).....	do. ....	32 50
		Breedis, John (Student).....	do. ....	18 00
		Britton, Floyd E. (Student).....	do. ....	30 00
		Christy, Glen (Student).....	do. ....	18 00
		Craig, Jennie A. ....	do. ....	80 00
		Drury, F. K. W. ....	do. ....	200 00
		Dunlap, Fannie (Student).....	do. ....	60 00
		Eppinger, J. G. (Student).....	do. ....	36 00
		Felsenthal, Emma ....	do. ....	83 33
		Fontaine, E. O. (Student).....	do. ....	36 00
		Gibson, Mable H. (Student).....	do. ....	27 50
		Goulding, P. S. ....	do. ....	166 66
		Graves, Charle Edward.....	do. ....	100 00
		Herdman, Margaret.....	do. ....	75 00
		Hubbard, Marie E. (Student).....	do. ....	27 50
		Hutchins, Margaret.....	do. ....	83 33
		Janvrin, Charles.....	do. ....	41 66
		Johnson, Alice.....	do. ....	83 33
		Jutton, Emma R. ....	do. ....	100 00
		Karsten, Eleanor G. ....	do. ....	100 00
		Leatherman, Marian.....	do. ....	75 00
		Mitchell, Marguerite (Student).....	do. ....	65 00
		Patton, Adah.....	do. ....	91 66
		Renich, Katharine L. (Student).....	do. ....	30 00
		Torrance, Mary.....	do. ....	75 00
		Troy, Mary Z. (Student).....	do. ....	65 00
		Windsor, P. L. ....	do. ....	291 66
		Wyeth, Ola M. ....	do. ....	80 00
		Eldredge, A. G. ....	do. ....	250 00
		Allyn, Orr.....	do. ....	83 33
		Aumer, J. P. ....	do. ....	150 00
		Binding, L. R. ....	do. ....	83 33
		Brunson, A. M. ....	do. ....	70 00
		Clevenger, C. B. ....	do. ....	70 00
		Dickenson, R. W. ....	do. ....	83 33
		Ellis, O. I. ....	do. ....	70 00
		Fahrnkopf, H. F. T. ....	do. ....	70 00
		Garrett, F. W. ....	do. ....	100 00
		Gentle, G. E. ....	do. ....	70 00
		Gernert, W. B. ....	do. ....	150 00
		Gilkerson, H. C. ....	do. ....	70 00
		Heck, A. F. ....	do. ....	70 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
		Niederman, Gertrude.....	do. ....	50 00
		Wachs, W. H. ....	do. ....	133 33
		Schoonover, W. R. ....	do. ....	70 00
		Snider, H. J. ....	do. ....	70 00
		VanAlstine, E. D. ....	do. ....	175 00
		Walworth, E. H. ....	do. ....	70 00
		Wascher, F. N. W. ....	do. ....	100 00
		Wheeler, H. C. ....	do. ....	150 00
		Hall, L. D. ....	do. ....	112 50
		Newlin, C. I. ....	do. ....	100 00
		Perry, Leonora.....	do. ....	100 00
		Wells, J. R. ....	do. ....	83 33
		Clark, E. M. ....	do. ....	75 00
		Pearson, F. A. ....	do. ....	91 66
		Blair, J. C. ....	do. ....	416 66
		Gunderson, A. J. ....	do. ....	100 00
		Harper, Julia A. ....	do. ....	65 00
		Hutchinson, James.....	do. ....	100 00
		Muncie, F. W. ....	do. ....	83 33
		Peltier, G. L. ....	do. ....	83 33
		Rees, C. C. ....	do. ....	41 66
		Ruth, W. A. ....	do. ....	150 00
		Sayre, C. B. ....	do. ....	70 00
		Burton, S. C. ....	do. ....	140 00

OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
O 8434 Ctd.	1914. May 14	Corrubia, A. B. M.....	Salary, May, 1914.....	\$160 00
		Cowley, F. K.....	do.....	120 00
		Fehrenkamp, Winifred.....	do.....	70 00
		Forsythe, J. H.....	do.....	150 00
		Jones, R. T.....	do.....	160 00
		Kellogg, J. M.....	do.....	150 00
		Kimball, A. H.....	do.....	150 00
		Titcomb, W. C.....	do.....	175 00
		Wells, N. A.....	do.....	104 16
		Math, Earle R.....	do.....	140 00
		Muehlman, Ralph E.....	do.....	140 00
		Bowling, B. L.....	do.....	83 33
		Davis, R. E.....	do.....	120 00
		Mills, Guy G.....	do.....	90 00
		Parcel, J. I.....	do.....	208 33
		Pickels, G. W.....	do.....	150 00
		Raynor, W. H.....	do.....	130 00
		Wiley, C. C.....	do.....	141 66
		Knight, A. R.....	do.....	150 00
		Paine, E. B.....	do.....	250 00
		Waldo, E. H.....	do.....	166 66
		Moore, Charles R.....	do.....	130 00
		Beach, Robin.....	do.....	100 00
		Crane, Rufus.....	do.....	100 00
		Jordan, H. H.....	do.....	140 00
		Miller, H. W.....	do.....	183 33
		Nelson, W. S.....	do.....	30 00
		Porter, F. M.....	do.....	125 00
		Rugg, H. O.....	do.....	150 00
		Steward, R. K.....	do.....	141 66
		Benedict, B. W.....	do.....	291 66
		Domonske, A. B.....	do.....	140 00
		Duncan, J. M.....	do.....	90 00
		Eames, H. S.....	do.....	140 00
		Gross, G. A.....	do.....	150 00
		Frisk, J. A.....	do.....	91 66
		Godeke, H. F.....	do.....	130 00
		Kennedy, R. E.....	do.....	150 00
		Lanham, E. T.....	do.....	120 00
		Pendleton, J. C.....	do.....	100 00
		Radebaugh, G. H.....	do.....	110 00
		Richards, C. R.....	do.....	479 16
		Scroggin, D. L.....	do.....	120 00
		Torrance, F. C.....	do.....	110 00
		Waterfall, H. W.....	do.....	130 00
		Holbrook, E. A.....	do.....	208 33
		Stoek, H. H.....	do.....	416 66
		Young, L. E.....	do.....	150 00
		Babbitt, H. E.....	do.....	140 00
		Boomsliter, G. P.....	do.....	170 00
		Ensign, N. E.....	do.....	150 00
		Gardner, Harry.....	do.....	140 00
		Gonnerman, H. F.....	do.....	150 00
		Noerenberg, C. E.....	do.....	170 00
		Seely, F. B.....	do.....	170 00
		Talbot, A. N.....	do.....	416 66
		Vallance, Alexander.....	do.....	140 00
		Bair, W. H.....	do.....	50 00
		Jones, L. T.....	do.....	95 00
		Karrer, Sebastian.....	do.....	70 00
		Nathanson, J. B.....	do.....	50 00
		Randolph, O. A.....	do.....	90 00
		Shook, G. A.....	do.....	120 00
		Smith, O. H.....	do.....	95 00
		Warner, E. H.....	do.....	80 00
		Hayes, J. B.....	do.....	90 00
		Snodgrass, J. M.....	do.....	183 33
		Abrams, D. A.....	do.....	150 00
		Chittenden, A. K.....	do.....	229 16
		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
		Yensen, T. D.....	do.....	133 33
		Merica, Paul D.....	do.....	150 00
		Andros, S. O.....	do.....	175 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 8434 Ctd.	1914. May 14	Decker, E. H.	Salary, May, 1914.....	\$291 66
		Green, Frederick	do.....	291 66
		Hale, W. G.	do.....	291 66
		Harker, O. A.	do.....	416 66
		Pomeroy, J. N.	do.....	208 33
		Vernier, C. G.	do.....	291 66
		Cassidy, H. M. (Student)	do.....	25 00
		Pillsbury, W. H.	do.....	200 00
		Little, R. F.	do.....	50 00
		Andrews, O. M.	do.....	83 33
		Babcock, K. C.	do.....	416 66
		Waddell, Mary L.	do.....	70 00
		Bradbury, C. E.	do.....	120 00
		Kelley, C. F.	do.....	150 00
		Lake, E. J.	do.....	187 50
		Wetmore, Mary M.	do.....	150 00
		Bond, J. J. D.	do.....	30 00
		Reed, F. W.	do.....	140 00
		Stebbins, Joel.	do.....	291 66
		Burton, L. V.	do.....	90 00
		Newell, C. R.	do.....	100 00
		Brigham, R. O.	do.....	60 00
		Hague, Stella M.	do.....	90 00
		Lamkey, E. M. R.	do.....	60 00
		LeCato, J. M.	do.....	60 00
		McDougall, W. B.	do.....	120 00
		Parr, Rosalie M.	do.....	80 00
		Scherfee, S. H.	do.....	30 00
		Stevens, F. L.	do.....	333 33
		Waggoner, H. D.	do.....	60 00
		Whitten, J. H.	do.....	60 00
		Hursh, R. K.	do.....	150 00
		Radcliffe, B. S.	do.....	120 00
		Rand, C. C.	do.....	80 00
		Stull, R. T.	do.....	250 00
		Williams, A. E.	do.....	125 00
		Anders, P.	do.....	100 00
		Adams, W. C.	do.....	10 00
		Allen, C. H.	do.....	50 00
		Baker, R. E.	do.....	35 00
		Ball, T. R.	do.....	60 00
		Bates, S. J.	do.....	100 00
		Beal, G. D.	do.....	140 00
		Braley, S. A.	do.....	30 00
		Broderson, H. J.	do.....	120 00
		Carter, H. M.	do.....	30 00
		Charlton, E. E.	do.....	30 00
		Clark, K. A.	do.....	35 00
		Cohn, Alexander	do.....	10 00
		Darrah, Juanita E.	do.....	30 00
		Davisson, B. S.	do.....	60 00
		Eckstein, C. H.	do.....	10 00
		Engle, E. W.	do.....	50 00
		Englis, D. T.	do.....	30 00
		Foster, L. F.	do.....	50 00
		Hecker, C. H.	do.....	100 00
		Hess, R. W.	do.....	50 00
		Honovski, B. R.	do.....	80 00
		Hopkins, B. S.	do.....	140 00
		Janson, J. M.	do.....	10 00
		Kamm, Oliver	do.....	60 00
		Kremmers, H. C.	do.....	30 00
		Lewis, H. F.	do.....	50 00
		MacArthur, C. G.	do.....	150 00
		MacInnes, D. A.	do.....	140 00
		Manuel, W. A.	do.....	30 00
		Marquis, S. D.	do.....	30 00
		Nelson, R. A.	do.....	10 00
		Noyes, W. A.	do.....	416 66
		Prasil, Anton	do.....	10 00
		Read, J. W.	do.....	60 00
		Rich, F. C.	do.....	10 00
		Ruby, G. B.	do.....	10 00
		Scholl, Clarence	do.....	30 00
		Sears, G. W.	do.....	60 00
		Slevart, C. W. J.	do.....	10 00
		Skinner, G. S.	do.....	30 00
		Sims, C. E.	do.....	10 00
		Smith, L. D.	do.....	100 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 8434 Ctd.	1914.			
	May 14	Snook, J. D.	Salary, May, 1914	\$ 10 00
		Straw, W. A.	do.	30 00
		Taylor, E. H.	do.	40 00
		Taylor, S. C.	do.	50 00
		Thorp, Lambert.	do.	120 00
		Tippett, R. W.	do.	30 00
		Welland, H. J.	do.	35 00
		Wichers, Edward.	do.	30 00
		Wildman, E. A.	do.	50 00
		Lyman, L. T.	do.	10 00
		Valentine, H. D.	do.	60 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
		Dewsnup, E. R.	do.	250 00
		Bogart, E. L.	do.	291 66
		Samuels, T. W.	do.	40 00
		Stewart, C. L.	do.	70 00
		Thompson C. M.	do.	180 00
		Thompson J. G.	do.	180 00
		Chase W. A.	do.	200 00
		Litman Simon	do.	208 33
		Prickett, A. L.	do.	40 00
		Robinson, M. H.	do.	250 00
		Scoville, H. T.	do.	200 00
		Weston, N. A.	do.	250 00
		Anderson, L. F.	do.	229 16
		Bagley, W. C.	do.	416 66
		Coffman, L. D.	do.	291 66
		Hallquest, A. L.	do.	50 00
		Harlan, C. L.	do.	50 00
		Johnston, C. H.	do.	291 66
		Miller, W. S.	do.	150 00
		Alden, R. M.	do.	375.00
		Baldwin, E. C.	do.	175 00
		Boyer, C. V.	do.	140 00
		Buchen, W. A.	do.	150 00
		Clark, T. A.	do.	500 00
		Creek, H. L.	do.	140 00
		Curl, M. J.	do.	140 00
		Dixon, R. E.	do.	110 00
		Dodge, D. K.	do.	270 83
		Fulton, Edward.	do.	175 00
		Goodwin, T. G.	do.	100 00
		Guild, T. H.	do.	125 00
		Gwinn, Alta.	do.	90 00
		Harbarger, Sada A.	do.	100 00
		Jones, E. S.	do.	120 00
		Jones, H. S. V.	do.	183 33
		Jordan, J. C.	do.	100 00
		Kelso, Ruth.	do.	100 00
		Kyle, Martha J.	do.	180 00
		Landee, Marion C.	do.	90 00
		Loomis, R. S.	do.	120 00
		McJohnston, Harrison.	do.	120 00
		Paul, H. G.	do.	208 33
		Rinaker, Clarissa	do.	110 00
		Sarett, L. R.	do.	100 00
		Schoepperle, Gertrude.	do.	130 00
		Scott, F. W.	do.	200 00
		Sherman, S. P.	do.	308 33
		Stanley, T. B.	do.	50 00
		Sutcliffe, E. G.	do.	100 00
		Tiefe, A. J.	do.	120 00
		Whicher, G. F.	do.	110 00
		Woolbert, C. H.	do.	166 66
		Zeitlin, Jacob	do.	133 33
		Forbes, S. A.	do.	83 33
		Glasgow, Robert D.	do.	120 00
		Peterson, Alvah.	do.	60 00
		Fleener, F. L.	do.	40 00
		Heitkamp, G. W.	do.	40 00
		Rich, J. L.	do.	150 00
		Ross, C. S.	do.	40 00
		Thompson, David.	do.	40 00
		Barto, F. S.	do.	100 00
		Brooks, N. C.	do.	208 33

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 8434 Ctd.	1914.			
	May 14	Flom, G. T. ....	Salary, May, 1914.....	\$233 33
		Goebel, Julius.....	do.....	312 50
		Green, Alexander.....	do.....	120 00
		Held, F. E. ....	do.....	50 00
		Keller, A. H. ....	do.....	130 00
		Lessing, O. E.....	do.....	291 66
		Meyer, G. H. ....	do.....	229 16
		Poor, C. M. ....	do.....	150 00
		Spindler, G. W.....	do.....	50 00
		Williams, C. A.....	do.....	150 00
		Zucker, A. E. ....	do.....	50 00
		Alvord, C. W.....	do.....	145 83
		Brush, Elizabeth P.....	do.....	90 00
		Buck, S. J. ....	do.....	150 00
		Cole, A. C. ....	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
		Burns, Josephine E.....	do.....	100 00
		Chittenden, E. W.....	do.....	120 00
		Denton, W. W.....	do.....	140 00
		Hebbert, C. M.....	do.....	60 00
		Kempner, A. J.....	do.....	140 00
		Rowland, S. A.....	do.....	75 00
		Rutledge, George.....	do.....	60 00
		Smith, G. W. ....	do.....	60 00
		Stouffer, E. B.....	do.....	130 00
		Wahlin, G. E.....	do.....	116 66
		Zeis, H. C. ....	do.....	60 00
		Board, J. H. ....	do.....	130 00
		Burge, W. E. ....	do.....	183 33
		Neill, Alma J.....	do.....	60 00
		Bode, B. H. ....	do.....	291 66
		Daniels, A. H. ....	do.....	333 33
		Shepherd, Queen L.....	do.....	110 00
		Geyer, D. L. ....	do.....	50 00
		Dodd, W. F. ....	do.....	191 66
		Garner, J. W.....	do.....	333 33
		Hanford, A. C.....	do.....	50 00
		Mathews, J. M.....	do.....	150 00
		Storey, Russell M.....	do.....	100 00
		Bentley, Madison.....	do.....	270 83
		Ruckmich, C. A.....	do.....	130 00
		Sutherland, A. H.....	do.....	150 00
		Vance, T. J. ....	do.....	90 00
		Allen, Louis.....	do.....	45 00
		Beck, J. B. ....	do.....	166 66
		Carnahan, D. H.....	do.....	112 50
		Carry, Charles.....	do.....	110 00
		Eppels, Joseph.....	do.....	90 00
		FitzGerald, J. D. II.....	do.....	225 00
		Moore, O. H. ....	do.....	120 00
		Oliver, T. E. ....	do.....	250 00
		Shulters, J. R.....	do.....	80 00
		Seymour, A. R.....	do.....	191 66
		Turner, L. M.....	do.....	150 00
		Wesenberg, T. G.....	do.....	90 00
		Hayes, E. C. ....	do.....	275 00
		Todd, A. J. ....	do.....	141 66
		Chenoweth, H. E.....	do.....	30 00
		Cobb, Margaret V.....	do.....	30 00
		Faust, E. C. ....	do.....	60 00
		Green, Bessie R.....	do.....	60 00
		Hanson, F. B. (Student).....	do.....	60 00
		Helmberger, H. V.....	do.....	60 00
		Johnson, Gertrude.....	do.....	40 00
		May, H. G. ....	do.....	30 00
		Linkins, R. H.....	do.....	60 00
		Smith, Frank.....	do.....	250 00
		Stunkard, H. W.....	do.....	30 00
		VanCleave, H. J.....	do.....	120 00
		Ward, H. B. ....	do.....	416 66
		Wells, Grace E.....	do.....	30 00
		Kinley, David.....	do.....	583 33
		Wright, A. B. ....	do.....	50 00
		Sheftel, Yetta.....	do.....	100 00
		Austin, Louise.....	do.....	25 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 8434 Ctd.	1914. May 14	Bayley, Paul.....	Salary, May, 1914.....	\$25 00
		Blaney, Lillian.....	.....do.....	25 00
		Brandner, A. R.....	.....do.....	25 00
		Browne, Lois A.....	.....do.....	25 00
		Clark, Helen.....	.....do.....	25 00
		Coulton, Lois M.....	.....do.....	25 00
		Cushing, Helen I.....	.....do.....	25 00
		Dewey, Ida B.....	.....do.....	25 00
		Fisher, L. W.....	.....do.....	25 00
		Garman, Philip.....	.....do.....	25 00
		Haskett, Aloa A.....	.....do.....	25 00
		Heck, A. O.....	.....do.....	25 00
		Ingels, Nelle L.....	.....do.....	25 00
		Kile, Jessie J.....	.....do.....	25 00
		Knight, C. K.....	.....do.....	25 00
		Knoche, Viola E.....	.....do.....	25 00
		Lamb, B. F.....	.....do.....	25 00
		Lantz, C. W.....	.....do.....	25 00
		Lawrence, Mathew.....	.....do.....	25 00
		Lincoln, Warren.....	.....do.....	25 00
		McKenna, E. L.....	.....do.....	25 00
		Mathews, Howard.....	.....do.....	25 00
		Miles, Lois M.....	.....do.....	25 00
		Miller, Jessie F.....	.....do.....	25 00
		Pasmore, D. F.....	.....do.....	25 00
		Parker, Karr.....	.....do.....	25 00
		Partridge, N. L.....	.....do.....	25 00
		Paulson, P. A.....	.....do.....	25 00
		Ray, S. H.....	.....do.....	25 00
		Reeves, H. P.....	.....do.....	25 00
		Schinnerer, O. P.....	.....do.....	25 00
		Shewhart, W. A.....	.....do.....	25 00
		Siebens, Thekla M.....	.....do.....	25 00
		Stevens, W. E.....	.....do.....	25 00
		Stokes, C. N.....	.....do.....	25 00
		Sullivan, W. W.....	.....do.....	25 00
		Theilen, Margaret K.....	.....do.....	25 00
		Thoreen, Edna A.....	.....do.....	25 00
		Thorne, Mabel E.....	.....do.....	25 00
		Wilber, A. S.....	.....do.....	25 00
		Wilson, W. H.....	.....do.....	25 00
		Wolf, H. C.....	.....do.....	25 00
		Wolfe, W. S.....	.....do.....	25 00
		Brown, R. W.....	.....do.....	35 00
		Carroll, W. E.....	.....do.....	40 00
		Clark, F. E.....	.....do.....	35 00
		Conel, J. L.....	.....do.....	35 00
		Cort, W. W.....	.....do.....	30 00
		Farwell, S. P.....	.....do.....	40 00
		Fracker, S. B.....	.....do.....	35 00
		Gittins, Elizabeth M.....	.....do.....	30 00
		Gutberlet, J. E.....	.....do.....	40 00
		Harder, O. E.....	.....do.....	30 00
		Heuse, E. O.....	.....do.....	40 00
		Holley, C. E.....	.....do.....	35 00
		Howard, J. W.....	.....do.....	30 00
		Johnson, Morris.....	.....do.....	30 00
		Kircher, E. A. T.....	.....do.....	40 00
		Lehenbauer, P. A.....	.....do.....	40 00
		Macfarlane, Wallace.....	.....do.....	35 00
		McGregor, H. H.....	.....do.....	35 00
		Mathewson, L. C.....	.....do.....	40 00
		Millard, E. B.....	.....do.....	40 00
		Miller, J. E.....	.....do.....	35 00
		Peine, A. F.....	.....do.....	35 00
		Russell, F. A.....	.....do.....	35 00
		Voegelstein, Lily B.....	.....do.....	30 00
		Watson, Minnie E.....	.....do.....	35 00
		Wright, Quincy.....	.....do.....	30 00
		Wyatt, F. A.....	.....do.....	35 00
		Belt, J. H.....	.....do.....	50 00
		Hadley, H. F.....	.....do.....	50 00
		McDermet, Rudolph.....	.....do.....	50 00
		Maney, G. A.....	.....do.....	50 00
		Montgomery, Julian.....	.....do.....	50 00
		Nebel, M. L.....	.....do.....	50 00
		Pogue, R. B.....	.....do.....	50 00
		Thomas, H. R.....	.....do.....	50 00
		Wohlenberg, W. J.....	.....do.....	50 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS--Continued.

No.	Date.	To whom.	For what.	Amount.
O 8434 Ctd.	1914.			
	May 14	Bond, Ethel.....	Salary, May, 1914.....	\$ 83 33
		Curtis, Florence R.....	do.....	133 33
		Reece, E. J.....	do.....	133 33
		Simpson, Frances.....	do.....	166 66
		Harding, A. A.....	do.....	180 00
		Kirkup, Florence M.....	do.....	100 00
		Mills, C. H.....	do.....	225 00
		Morphy, E. W.....	do.....	170 00
		Nasmyth, H. D.....	do.....	170 00
		Schwartz, G. F.....	do.....	183 33
		Simon, Anna.....	do.....	100 00
		Smith, Constance Barlow.....	do.....	166 66
		Townsend, L. L.....	do.....	120 00
		Treat, Edna A.....	do.....	100 00
		Van den Berg, H. J.....	do.....	180 00
		Bartow, Edward.....	do.....	333 33
		Bennett, A. N.....	do.....	75 00
		Ferguson, H. F.....	do.....	90 00
		Hanford, W. W.....	do.....	60 00
		Hinds, M. E.....	do.....	70 00
		Huenink, H. L.....	do.....	70 00
		Mohlman, F. W.....	do.....	70 00
		Schnellbach, J. F.....	do.....	75 00
		Sjoblom, M. C.....	do.....	75 00
		Tanner, F. W.....	do.....	70 00
		Colson, H. W.....	do.....	100 00
		Clark, A. H.....	do.....	150 00
		Day, W. B.....	do.....	208 33
		Eicher, B. L.....	do.....	100 00
		Gathercoal, E. N.....	do.....	130 00
		Snow, C. M.....	do.....	150 00
		Burmeister, W. H.....	do.....	166 66
		Dreyer, G. P.....	do.....	333 32
		Cycleshymmer, A. C.....	do.....	416 66
		Fantus, Bernard.....	do.....	166 66
		Gardner, Stella.....	do.....	83 33
		Gehrman, Adolph.....	do.....	66 66
		Hakenson, Eric Gosta.....	do.....	30 00
		Haskell, J. E.....	do.....	50 00
		Jones, T. S.....	do.....	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
		Small, J. C. (Student).....	do.....	50 00
		Welker, W. H.....	do.....	208 33
		Bartlett, Dr. Frank Kaiser.....	do.....	180 00
		Siegbahn, Nils.....	do.....	60 00
		Gaffney, Carl O.....	do.....	65 00
		Davis, D. J.....	do.....	416 66
		Falls, Frederick H.....	do.....	50 00
		Tracy, Grover.....	do.....	75 00
		Bake, L. E.....	do.....	66 66
		Bernard, F. S.....	do.....	40 00
		Coolidge, E. D.....	do.....	83 33
		Dittmar, Walter.....	do.....	99 99
		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, Dr. V. H.....	do.....	50 00
		Noyes, F. B.....	do.....	83 33
		Schultz, Louis.....	do.....	33 33
		Starr, S. P.....	do.....	66 66
		Hiskey, George M.....	do.....	45 00
		Alexander, Lilla.....	do.....	65 00
		Alley, W. E.....	do.....	85 00
		Amos, Winifred L.....	do.....	75 00
		Atkinson, C. E.....	do.....	141 66
		Beyer, Melinda L.....	do.....	75 00
		Blackwell, Mary.....	do.....	55 00
		Boice, L. A.....	do.....	125 00
		Bowen, Evalena.....	do.....	65 00
		Broadhurst, Tabitha J.....	do.....	75 00
		Brown, Ina M.....	do.....	60 00
		Bryan, Sarah E.....	do.....	70 00
		Buckles, Mildred.....	do.....	65 00
		Buckler, Helen I.....	do.....	60 00



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 8434 Ctd.	1914. May 14	Burt, Ruth.....	Salary, May, 1914.....	\$ 50 00
		Cass, Elizabeth H.....	do.....	65 00
		Crawford, C. C.....	do.....	65 00
		Cover, Hazel.....	do.....	60 00
		Cunningham, H. E.....	do.....	166 66
		Custer, Emma L.....	do.....	75 00
		Dalton, C. E.....	do.....	50 00
		Dexter, Lydia A.....	do.....	70 00
		Durfey, Franc A.....	do.....	50 00
		Emigh, Edith.....	do.....	70 00
		Feind, Frances.....	do.....	80 00
		Feldkamp, Amelia.....	do.....	50 00
		Fraser, Vic a.....	do.....	65 00
		Fieg, Robert.....	do.....	50 00
		Gage, Marjorie H.....	do.....	75 00
		Gallaher, Marion B.....	do.....	50 00
		Garwood, Frances.....	do.....	50 00
		Goetz, Antoinette.....	do.....	70 00
		Good, Elizabeth.....	do.....	50 00
		Gordon, Marie A.....	do.....	55 00
		Griffith, Mabel.....	do.....	70 00
		Hayes, Margaret L.....	do.....	40 00
		Halliday, Mable.....	do.....	60 00
		Hamilton, Mrs. Alice V.....	do.....	75 00
		Hay, N.....	do.....	166 66
		Heater, Myrtle E.....	do.....	60 00
		Houchens, Josie B.....	do.....	83 33
		Hull, A. H.....	do.....	65 00
		Humrichouse, Katie L.....	do.....	50 00
		Johnson, Gertrude E.....	do.....	60 00
		Kirwin, Nora.....	do.....	50 00
		Knorr, L. E.....	do.....	150 00
		Knapp, Aurella.....	do.....	75 00
		Lahr, Lawrence.....	do.....	50 00
		Lamb, Allie B.....	do.....	55 00
		Lee, A. R.....	do.....	91 66
		Leitz, Louise A.....	do.....	40 00
		Love, Mary E.....	do.....	65 00
		Luther, Cornelia M.....	do.....	40 00
		McConn, C. M.....	do.....	250 00
		McGehee, Hester E.....	do.....	40 00
		McGurty, Agnes.....	do.....	83 33
		McIntire, W. A.....	do.....	50 00
		Manspeaker, L. Mae.....	do.....	83 33
		Meneley, Maude E.....	do.....	60 00
		Merchant, Donna.....	do.....	50 00
		Meseck, R.....	do.....	65 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
		Needham, Lucille.....	do.....	60 00
		Nyberg, Florence A.....	do.....	50 00
		Packard, Bessie.....	do.....	75 00
		Peel, Thomas.....	do.....	55 00
		Phelps, Vergil V.....	do.....	150 00
		Post, Frederick.....	do.....	75 00
		Postlewait, Harriet L.....	do.....	55 00
		Potter, Mabel.....	do.....	75 00
		Pulling, Elizabeth.....	do.....	60 00
		Putnam, Persis.....	do.....	75 00
		Renz, Myrtle.....	do.....	75 00
		Ricketts, Clara.....	do.....	60 00
		Riggs, Bess.....	do.....	35 00
		Robertson, Nellie.....	do.....	70 00
		Rogers, Della M.....	do.....	40 00
		Scanlan, Mary.....	do.....	60 00
		Sharp, Bertha L.....	do.....	55 00
		Shaw, Hazel Y.....	do.....	65 00
		Shepard, Anna L.....	do.....	100 00
		Slater, Sara M.....	do.....	60 00
		Smith, Florence E.....	do.....	75 00
		Smith, I. M.....	do.....	125 00
		Smith, Mayme L.....	do.....	65 00
		Staples, O. E.....	do.....	150 00
		States, Bertha G.....	do.....	50 00
		Stevens, Sabra.....	do.....	65 00
		Steitz, Alfred.....	do.....	85 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 8434	May 14	Stricklan, Freda O.....	Salary, May, 1914.....	\$ 65 00
Cld.		Thompson, M. E.....	do.....	90 00
		Tuttle, G. P.....	do.....	100 00
		Tyrrell, Josephine.....	do.....	50 00
		Vaubel, D.....	do.....	60 00
		Voight, Lida E.....	do.....	83 33
		White, Loretta.....	do.....	70 00
		Winchester, B. L.....	do.....	50 00
		Wyninger, H. T.....	do.....	60 00
		Becker, Georgia.....	do.....	65 00
		Brownfield, Lelah.....	do.....	50 00
		Ellis, E. R.....	do.....	50 00
		Flattery, Amanda.....	do.....	60 00
		Jones, Mabel.....	do.....	65 00
		Leonard, Russell.....	do.....	45 83
		Lonius, J. O.....	do.....	90 00
		Paulus, William H.....	do.....	55 00
		Reid, Olive G.....	do.....	50 00
		Rein, Lillian E.....	do.....	50 00
		Ressler, Milton.....	do.....	80 00
		Vanderbeek, H. J.....	do.....	65 00
		Hart, Eliza.....	do.....	50 00
		Jester, Marie.....	do.....	55 00
		Johnson, J. J.....	do.....	50 00
		McMullen, Jennie B.....	do.....	50 00
		Arneson, Mabel.....	do.....	75 00
		Browne, W. H.....	do.....	250 00
		Cole, H. W.....	do.....	100 00
		Coles, B. D.....	do.....	50 00
		Froberg, Eric.....	do.....	75 00
		Hwasser, Anna Julia.....	do.....	50 00
		Southwell, James.....	do.....	115 00
		Tomlinson, J. S.....	do.....	125 00
		Allen, Josephine.....	do.....	55 00
		Bolan, Anna R.....	do.....	60 00
		David, Eshoo.....	do.....	50 00
		Loomis, Metta.....	do.....	75 00
		Gubbins, Maud.....	do.....	60 00
		David, Paul.....	do.....	50 00
		Badel, Nathan.....	do.....	50 00
		Tomek, Gertrude.....	do.....	60 00
		Solomon, Jacob.....	do.....	50 00
		David, Simon.....	do.....	50 00
		George, Elia.....	do.....	50 00
		Kastanos, John.....	do.....	50 00
		Watson, Ethel Eva.....	do.....	50 00
		Drennan, Peter.....	do.....	80 00
		Schmidt, Josef.....	do.....	50 00
		Becker, Johann.....	do.....	50 00
		Healan, Louise B.....	do.....	50 00
		Klena, Joseph.....	do.....	70 00
		Schultz, Harry.....	do.....	35 00
		Rehfeldt, Hubert F.....	do.....	40 00
		Jones, Mabel.....	do.....	47 50
O 8435	May 15	O. E. Staples.....	Student labor.....	\$460 53
O 8436	do	W. Lewis & Co.....	General supplies.....	50 91
O 8437	do	John H. Doyle.....	do.....	8 80
O 8438	do	White Line Laundry.....	Laundry.....	102 98
O 8439	do	Eastman Kodak Co.....	General supplies.....	4 36
O 8440	do	Friend Mfg. Co.....	Machine repairs.....	13 74
O 8441	do	W. Atlee, Birpee & Co.....	General supplies.....	5 75
O 8442	do	T. P. Baker.....	do.....	4 01
O 8443	do	F. M. Foltz.....	Field expense.....	13 00
O 8444	do	Leesley Bros.....	Nursery stock.....	18 83
O 8445	do	Reliable Plumbing & Heating Co.....	Laboratory apparatus.....	13 37
O 8446	do	Graham Publishing Co.....	Office supplies.....	1 00
O 8447	do	C. W. Johnson.....	General supplies.....	2 25
O 8448	do	John Reichard.....	Feeding stuff.....	65 08
O 8449	do	White Poultry Farm.....	Cafeteria supplies.....	2 43
O 8450	do	Illinois Agriculturist.....	General supplies.....	2 50
O 8451	do	Chicago Packing House.....	Laboratory supplies.....	1 29
O 8452	do	Miller Harness Co.....	Farm machinery.....	23 25
O 8453	do	Dallenbach Bros.....	Laboratory supplies.....	69 01
O 8454	do	D. L. Osborne.....	Field expenses.....	7 06
O 8455	do	Gaylord Bros.....	General supplies.....	145 80
O 8456	do	National Biscuit Co.....	Cafeteria supplies.....	8 07
O 8457	do	Farrar & Quinlan.....	do.....	67 58
O 8458	do	Chester Horse Shoeing Shop.....	Field expense.....	3 50
O 8459	do	Perfection Mfg. Co.....	General supplies.....	11 30

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 8460	May 15	Maloney & Durham.....	Farm machinery.....	\$11 00
O 8461	..do.	Gulick Tailoring Co.....	General supplies.....	20 16
O 8462	..do.	General Chemical Co.....	Laboratory supplies.....	3 92
O 8463	..do.	Weston Electric Instrument Co.....	..do.	30 50
O 8464	..do.	B. S. Pickett.....	Traveling expenses.....	20 68
O 8465	..do.	H. Fahrnkopf.....	..do.	3 63
O 8466	..do.	H. J. Snider.....	..do.	16 52
O 8467	..do.	F. W. Garrett.....	..do.	16 18
O 8468	..do.	E. R. Green.....	Field expenses.....	30 00
O 8469	..do.	E. Garver.....	Traveling expenses.....	1 50
O 8470	..do.	A. J. Gunderson.....	..do.	22 70
O 8471	..do.	C. C. Logan.....	..do.	19 67
O 8472	..do.	S. V. Holt.....	..do.	37 99
O 8473	..do.	E. G. Howe.....	..do.	13 04
O 8474	..do.	F. W. Wascher.....	..do.	32 30
O 8475	..do.	Ulric Johnson.....	Field expenses.....	35 31
O 8476	..do.	H. C. Wheeler.....	Traveling expenses.....	43 74
O 8477	..do.	R. W. Dickenson.....	..do.	41 80
O 8478	May 16	R. E. Brand.....	..do.	14 19
O 8479	..do.	Norton Co.....	Laboratory supplies.....	2 69
O 8480	..do.	J. T. Baker Chemical Co.....	..do.	25 60
O 8481	..do.	Twin City Printing Co.....	Printing.....	2 50
O 8482	..do.	Osgood Co.....	..do.	1 92
O 8483	..do.	The Daily Illini.....	Advertising.....	3 00
O 8484	..do.	Harris-Dillavou.....	Laboratory supplies.....	6 40
O 8485	..do.	Brown & Sharpe Mfg. Co.....	Laboratory apparatus.....	2 15
O 8486	..do.	The Carborundum Co.....	Laboratory supplies.....	1 09
O 8487	..do.	Buffalo Wire Works Co.....	..do.	6 24
O 8488	..do.	Pratt & Whitney Co.....	Laboratory apparatus.....	8 06
O 8489	..do.	Union Twist Drill Co.....	..do.	21 87
O 8490	..do.	The C. W. Brownell Co.....	General supplies.....	1 00
O 8491	..do.	Alexander Lumber Co.....	..do.	5 40
O 8492	..do.	Royal A. Stipes.....	..do.	6 60
O 8493	..do.	Miller Harness Co.....	Farm machinery.....	2 50
O 8494	..do.	G. Gennert.....	General supplies.....	7 30
O 8495	..do.	The Florists' Exchange.....	Library.....	1 00
O 8496	..do.	F. D. Kirkpatrick.....	Laboratory supplies.....	4 00
O 8497	..do.	Florence Wicklin.....	Labor.....	5 50
O 8498	..do.	The Letter Shop.....	Clerical assistance.....	2 50
O 8499	..do.	Champaign Seed Co.....	General supplies.....	3 70
O 8500	..do.	American Florist Co.....	..do.	1 00
O 8501	..do.	The W. W. Barnard Co.....	General supplies.....	3 70
O 8502	..do.	Twin City Ice & Cold Storage Co.....	..do.	4 00
O 8503	..do.	T. E. Goodrich.....	Laboratory supplies.....	1 75
O 8504	..do.	F. M. Foltz.....	Machine repairs.....	2 15
O 8505	..do.	H. P. Steinespring.....	Feeding Stuff.....	1 60
O 8506	..do.	C. C. Short.....	Field expenses.....	5 50
O 8507	..do.	Metzler & Schafer Co.....	Laboratory supplies.....	46 29
O 8508	..do.	U. of I. Supply Store.....	Office supplies.....	5 32
O 8509	..do.	Illinois State Reformatory.....	Printing.....	61 80
O 8510	..do.	Eimer and Amend.....	Laboratory supplies.....	22 98
O 8511	..do.	T. H. Craig.....	Office equipment.....	5 00
O 8512	..do.	Percival & Moorehead.....	Building materials.....	23 79
O 8513	..do.	The Chas. A. Hall Hardware Co.....	General supplies.....	13 68
O 8514	..do.	D. H. Lloyd.....	Office supplies.....	23 75
O 8515	..do.	John H. Doyle.....	General supplies.....	12 33
O 8516	..do.	H. H. Stoeck.....	Traveling expenses.....	61 23
O 8517	..do.	Jno. R. Bennett.....	Drains.....	56 34
O 8518	..do.	A. S. Nelson & Sons.....	General supplies.....	14 60
O 8519	..do.	Champaign Steam Laundry.....	Incidentals.....	4 67
O 8520	..do.	Taylor Hardware Co.....	Building material.....	18 75
O 8521	..do.	Strauch Kodak Finishing Shop.....	General supplies.....	10 57
O 8522	..do.	C. A. Kiler.....	..do.	20 25
O 8523	..do.	Chester Horse Shoeing Shop.....	Field expenses.....	6 50
O 8524	..do.	S. E. Huff & Co.....	General supplies.....	27 30
O 8525	..do.	Beavitt Mfg Co.....	Laboratory supplies.....	1 44
O 8526	..do.	Bausch & Lomb Optical Co.....	Laboratory apparatus.....	6 83
O 8527	..do.	Twin City Roofing Co.....	Roofing.....	1 75
O 8528	..do.	B. E. Spalding.....	General supplies.....	1 00
O 8529	..do.	G. C. Willis.....	..do.	4 58
O 8530	..do.	Eisner Grocery Co.....	..do.	2 80
O 8531	..do.	M. S. Dudgeon.....	Traveling expenses.....	36 64
O 8532	..do.	Carrie E. Scott.....	Lecture and traveling expenses.....	14 57
O 8533	..do.	H. C. Gilkerson.....	Traveling expenses.....	21 38
O 8534	..do.	E. Bartholomew.....	Library books.....	6 10
O 8535	..do.	The Beardsley Hotel.....	Traveling expenses.....	3 00
O 8536	..do.	Collins & Slinp.....	General laboratory supplies.....	7 00
O 8537	..do.	H. W. Johns-Manville Co.....	General supplies.....	12 00
O 8538	..do.	Well Brothers.....	..do.	4 58

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 8539	May 16	Kentucky Electric Co.	Laboratory supplies.	\$ 26 25
O 8540	..do..	Chicago Paper Co.	Office supplies.	59 60
O 8541	..do..	The Frederick Post Co.	General supplies.	23 84
O 8542	..do..	McGraw-Hill Book Co.	Library books.	5 10
O 8543	..do..	Louise Eschauzier.	Laboratory apparatus.	13 20
O 8544	..do..	American Inst. of Mining Engineers.	Library book.	3 00
O 8545	..do..	The Kny-Scheere Co.	Laboratory apparatus.	54 00
O 8546	..do..	G. Cramer Dry Plate Co.	General supplies.	21 94
O 8547	..do..	O. E. Staples.	Payrolls paid in cash, May, 1914	255 53
O 8548	May 18	The Chester Transfer Co.	Drayage.	33 27
O 8549	..do..	Soft Water Laundry.	Incidentals.	22 44
O 8550	..do..	American Hereford Cattle Breeders Assn.	..do..	1 00
O 8551	..do..	Munsell Publishing Co.	Books.	9 00
O 8552	..do..	Urbana & Champaign Ry., Gas, & Electric Co.	Gas.	855 34
O 8553	..do..	P. S. Campbell.	Printing.	43 75
O 8554	..do..	Society for the Promotion of Engineering Education.	Incidentals.	1 47
O 8555	..do..	Twin City Ice & Cold Storage Co.	General supplies.	8 00
O 8556	..do..	Chicago Historical Society.	Clerical Assistance.	6 50
O 8557	..do..	American Multigraph Sales Co.	Office supplies.	2 94
O 8558	..do..	Harshaw, Fuller & Goodwin Co.	Laboratory supplies.	1 57
O 8559	..do..	Weston Electric Instrument Co.	Apparatus repairs.	2 28
O 8560	..do..	Massillon Stone & Fire Brick Co.	Laboratory supplies.	3 75
O 8561	..do..	H. I. Carpenter.	Tuning.	17 50
O 8562	..do..	G. W. Sheldon & Co.	Furniture and fixtures.	30 58
O 8563	..do..	Ernst Hertzberg & Sons.	Binding.	15 19
O 8564	May 19	Taylor Instrument Co.	Laboratory supplies.	5 15
O 8565	..do..	Edward Orton, Jr.	..do..	15 00
O 8566	..do..	F. K. Robeson.	General supplies.	3 34
O 8567	..do..	H. P. Steinspring.	Feeding stuff.	88 90
O 8568	..do..	T. I. Killpatrick.	Farm machinery repairs.	3 65
O 8569	..do..	Harris-Dillavou.	General supplies.	2 00
O 8570	..do..	Scott Paper Co.	..do..	13 00
O 8571	..do..	The Standard Calorimeter Co.	Laboratory apparatus.	29 55
O 8572	..do..	Iroquois Seed Farm.	Seed corn.	1 50
O 8573	..do..	Flanigan-Pearson Co.	Printing.	11 75
O 8574	..do..	Osgood Co.	..do..	2 00
O 8575	..do..	B. E. Spaulding.	Laboratory supplies.	6 80
O 8576	..do..	G. C. Willis.	Janitor's supplies.	10 59
O 8577	..do..	Automatic Electric Co.	General supplies.	25 00
O 8578	..do..	C. C. Kiler.	..do..	8 75
O 8579	..do..	Star & Crescent Milling Co.	Feeding stuff.	580 00
O 8580	..do..	Eisner Grocery Co.	..do..	15 00
O 8581	..do..	The Westinghouse Machine Co.	Machine repairs.	9 60
O 8582	..do..	W. Lewis & Co.	General supplies.	1 50
O 8583	..do..	B. A. Strauch.	..do..	2 05
O 8584	..do..	A. C. McClurg & Co.	Books.	3 36
O 8585	..do..	Miller Harness Co.	General supplies.	1 35
O 8586	..do..	McIntosh Stereopticon Co.	Laboratory apparatus.	6 75
O 8587	..do..	Rance Sutton.	Field expense.	35 65
O 8588	..do..	Wm. Mays.	..do..	77 30
O 8589	..do..	E. E. Hoskins.	..do..	42 08
O 8590	..do..	C. E. Burkhardt.	..do..	12 83
O 8591	..do..	P. D. Long.	..do..	42 50
O 8592	..do..	Hollis & Duncan.	Office supplies.	15 23
O 8593	..do..	Blaisdell Paper Pencil Co.	..do..	3 22
O 8594	..do..	Miller-Bryant-Pierce Co.	..do..	4 80
O 8595	..do..	The Linde Air Products Co.	Laboratory supplies.	3 75
O 8596	..do..	J. J. Bruman.	Feeding stuff.	70 70
O 8597	..do..	Royal Typewriter Co.	Office equipment.	10 00
O 8598	..do..	Southern Illinois Penitentiary.	Supplies.	12 46
O 8599	..do..	Chicago Engineering Supply Co.	Tools.	4 80
O 8600	..do..	The "Friend" Mfg. Co.	Machine repairs.	1 81
O 8601	..do..	The Caldwell Co.	Building repairs.	2 20
O 8602	..do..	Harris-Dillavou & Co.	General supplies.	2 30
O 8603	..do..	T. P. Chester.	..do..	30 00
O 8604	..do..	Clapp-Eastham Co.	Laboratory apparatus.	10 00
O 8605	..do..	E. B. Meyrowitz, Inc.	General supplies.	1 80
O 8606	..do..	Eugene Dietzgen Co.	..do..	6 00
O 8607	..do..	Standard Oil Co.	..do..	3 60
O 8608	..do..	The Whitaker Paper Co.	Janitor's supplies.	23 52
O 8609	..do..	Ingersoll-Rand Co.	Laboratory apparatus.	3 20
O 8610	..do..	The Scarborough Co.	Wall map.	3 00
O 8611	..do..	Percival & Moorehead.	Hardware supplies.	7 62
O 8612	..do..	J. W. Butler Paper Co.	Paper, envelopes.	142 23
O 8613	..do..	Flanigan-Pearson Co.	Printing.	24 00
O 8614	..do..	S. E. Huff & Co.	Lumber.	87 20
O 8615	..do..	Alexander Lumber Co.	..do..	80 92

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 8616	May 19	John H. Doyle	Hardware supplies	\$ 30 78
O 8617	..do.	Bacon Brothers	Paint, etc.	13 48
O 8618	..do.	S. E. Huff & Co.	Lumber	21 70
O 8619	..do.	Knowlton & Bennett	Glass, etc.	3 05
O 8620	..do.	B. F. Stevenson & Son	Laboratory supplies	6 45
O 8621	..do.	Reliable Plumbing & Heating Co.	Plumbing, general supplies	35 22
O 8622	..do.	Twin City Roofing Co.	Roofing, etc.	69 51
O 8623	..do.	National Engraving Co.	Zinc etchings	4 35
O 8624	..do.	Taylor Hardware Co.	Ladders, wire, etc.	66 02
O 8625	..do.	E. H. Sargent & Co.	Balance	67 50
O 8626	..do.	Underwood Typewriter Co.	Rental	3 00
O 8627	..do.	Illinois State Reformatory	Printing	18 60
O 8628	..do.	Eisner Grocery Co.	Soap	3 85
O 8629	..do.	Jacob White	Plastering	15 00
O 8630	..do.	AnSCO Co.	Films	13 34
O 8631	..do.	Miss A. I. Mulford	Specimens	80 00
O 8632	..do.	Ward's Natural Science Establishment	Books	21 00
O 8633	..do.	Empire Steam Laundry	Laundrying	77 82
O 8634	..do.	P. S. Campbell	Printing	2 50
O 8635	May 23	C. C. Logan	Traveling expenses	33 74
O 8636	..do.	E. Van Alstine	..do.	26 05
O 8637	..do.	John Reichard	Feeding stuff	405 32
O 8638	..do.	Pay roll	May, 1914	2,898 33
		Bennett, W. L.	Wages, May, 1914	\$ 70 00
		Dunlap, B. H.	..do.	60 00
		Hunter, L. A.	..do.	75 00
		Stark, R. W.	..do.	100 00
		Campbell, C. A.	..do.	65 00
		Chapman, C. C.	..do.	100 00
		Lankford, John	..do.	60 00
		Reed, Alice	..do.	55 00
		Sims, Flora M.	..do.	83 33
		Anderson, J. C. (Student)	..do.	70 00
		Colcord, F. M. (Student)	..do.	45 00
		DeWerff, H. A. (Student)	..do.	57 50
		Dunham, R. S. (Student)	..do.	45 00
		Grantham, G. M. (Student)	..do.	30 00
		Hufford, C. T. (Student)	..do.	45 00
		Torgerson, E. F. (Student)	..do.	30 00
		Wright, Jr., Douglas (Student)	..do.	45 00
		Andrews, J. B.	..do.	50 00
		Blackburn, Fred	..do.	50 00
		Engle, R. M. (Student)	..do.	30 00
		Foster, F.	..do.	70 00
		Pine, Fred	..do.	75 00
		Tornquist, Andrew	..do.	75 00
		Layng, T. E.	..do.	60 00
		Dieckmann, T. W.	..do.	65 00
		Richardson, H. R. (Student)	..do.	20 00
		Stoutzenberg, Florence (Student)	..do.	25 00
		Bunch, Mamie	..do.	45 00
		Clark, Ethel (Student)	..do.	35 00
		Harry, W. L.	..do.	100 00
		Engle, W. J.	..do.	70 00
		Crouch, H. E.	..do.	115 00
		Palfrey, John	..do.	75 00
		Cate, H. A.	..do.	70 00
		Lawson, H. C.	..do.	60 00
		Garver, Earl	..do.	65 00
		Jensen, Chris. C.	..do.	55 00
		Carlson, M. R.	..do.	60 00
		Ausen, Julius	..do.	55 00
		Paley, I.	..do.	55 00
		Beardsley, G. W.	..do.	60 00
		Burdick, I. F.	..do.	85 00
		Johns, W. E. (Student)	..do.	37 50
		Hawthorne, W. C.	..do.	150 00
		Allison, I. D.	..do.	150 00
O 8635	May 19	Miller Harness Co.	General supplies	3 10
O 8636	..do.	French Battery & Carbon Co.	..do.	20 58
O 8637	..do.	W. W. Walls & Co.	Lumber	28 17
O 8638	..do.	The Russell & Co.	Babbitt metal	2 63
O 8639	..do.	Albert Pick & Co.	Apparatus	8 14
O 8640	..do.	Roller-Smith Co.	Apparatus repairs	6 00
O 8641	..do.	Crescent Engraving Co.	Engravings	28 27
O 8642	..do.	The Chicago Daily News Co.	Advertisement	15 60
O 8643	..do.	Coon Bros.	Freight refund	2 70
O 8644	..do.	Twin City Ice & Cold Storage Co.	Coupon book	4 00
O 8645	..do.	A. S. Nelson & Sons	Almanaris water, eggs	2 86

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 8646	May 19	The U. of I. Supply Store.	Supplies.	\$ 25 20
O 8647	..do.	Barnhart Bros.	..do.	3 57
O 8648	..do.	The Weis Mfg. Co.	Guides.	2 00
O 8649	..do.	Eastern Moline Plow Co.	Shovel plow.	3 00
O 8650	..do.	The Chas. A. Hall Hardware Co.	Ladders, etc.	24 08
O 8651	..do.	Champaign Seed Co.	Seed.	45 35
O 8652	..do.	F. K. Robeson.	Supplies.	142 75
O 8653	..do.	Champaign Steam Laundry.	Laundering.	27 72
O 8654	..do.	D. H. Lloyd.	Repairs, supplies.	6 32
O 8655	..do.	Charles H. Besly & Co.	Laboratory supplies.	19 33
O 8656	..do.	The Burr Co.	Repairs, supplies.	24 70
O 8657	..do.	H. A. Hollister.	Traveling expenses.	45 30
O 8658	..do.	Wilhelm Miller.	..do.	2 30
O 8659	..do.	J. H. Smith.	Field expenses.	63 79
O 8660	..do.	Geo. W. Medley.	..do.	57 26
O 8661	..do.	M. L. Nebel.	Traveling expenses.	18 55
O 8662	..do.	Society of Beaux-Arts Architects.	Membership dues.	20 00
O 8663	..do.	Wilson Bros.	Livery hire.	81 50
O 8664	..do.	O. E. Staples, Bursar.	Student labor.	502 85
O 8665	..do.	Novelty Supply Co.	Examination books.	217 08
O 8666	..do.	Indian Refining Co.	Oil.	63 85
O 8667	..do.	Western Electric Co.	Electrical supplies.	100 04
O 8668	..do.	Library Bureau.	Truck wheels.	15 00
O 8669	..do.	Shultz Seed Co.	Corn.	7 50
O 8670	..do.	The Caldwell Co.	Electrical supplies.	5 40
O 8671	..do.	Rollins Steam Specialty & Valve Co.	Valve.	2 47
O 8672	..do.	Cling-Surface Co.	Belt filler.	8 75
O 8673	..do.	The Central Rubber & Supply Co.	Belt.	45 00
O 8674	..do.	J. W. Dunlap.	Mason work.	42 20
O 8675	..do.	The Garlock Packing Co.	Gaskets.	8 65
O 8676	..do.	The Babcock & Wilcox Co.	Machine repairs.	26 80
O 8677	..do.	Geo. B. Carpenter & Co.	Rope.	7 27
O 8678	May 20	Baker & Co., Inc.	Laboratory supplies.	79 08
O 8679	..do.	E. W. Blatchford Co.	..do.	1 90
O 8680	..do.	Jno. B. Bennett.	General supplies.	28 23
O 8681	..do.	Who's Who in N. Y. City & State.	Books.	10 00
O 8682	..do.	Beardsley Hotel Co.	Traveling expenses.	47 50
O 8683	..do.	Gulick Tailoring Co.	Repairing trunks.	1 50
O 8684	..do.	Twin City Roofing Co.	Roofing.	21 84
O 8685	..do.	Twin City Printing Co.	Printing.	69 02
O 8686	..do.	The Grasselli Chemical Co.	Arsenate of lead.	1 90
O 8687	..do.	Dr. C. H. Eigenmann.	Museum specimens.	50 00
O 8688	..do.	W. J. Smith.	Laboratory apparatus.	31 00
O 8689	..do.	John Crerar Library.	Catalog cards.	25 00
O 8690	..do.	The Warren Brush Co.	Brushes and handles.	12 35
O 8691	..do.	Jacob White.	General supplies.	6 00
O 8692	..do.	William Gaertner & Co.	Laboratory apparatus and supplies.	12 10
O 8693	..do.	Woldenberg & Schaar.	Laboratory supplies.	62 50
O 8694	..do.	The Western Electric Co.	Electrical supplies.	269 94
O 8695	..do.	Elsner Grocery Co.	Cafeteria supplies.	62 98
O 8696	..do.	E. A. Eichhorst.	Farm machinery repairs.	11 80
O 8697	..do.	Bausch & Lomb Optical Co.	Laboratory supplies.	6 00
O 8698	..do.	Holstein-Friesian Assn of America.	Incidentals.	1 25
O 8699	..do.	Haussmann & Dunn Co.	Laboratory apparatus.	5 06
O 8700	..do.	Shavings & Sawdust Co.	Feeding stuff.	73 73
O 8701	..do.	Osgood Co.	Printing.	13 80
O 8702	..do.	Howell's Microcosm.	Laboratory apparatus.	40 00
O 8703	..do.	G. W. Sheldon & Co.	Fees and express.	42 63
O 8704	..do.	Woldenberg & Schaar.	Laboratory apparatus.	60 53
O 8705	..do.	Buffalo Meter Co.	Machine repairs.	28 40
O 8706	..do.	Friend Mfg. Co.	..do.	4 25
O 8707	..do.	J. C. Thomas.	General supplies.	12 69
O 8708	..do.	Twin City Printing Co.	Printing.	8 00
O 8709	..do.	H. A. Swits.	Laboratory apparatus.	3 30
O 8710	..do.	Albert E. Wuesteman.	General supplies.	21 00
O 8711	..do.	International Harvester Co.	Machine repairs.	1 35
O 8712	..do.	The Rural Educator Co.	Advertising.	4 00
O 8713	..do.	C. R. Richards.	Traveling expenses.	26 29
O 8714	..do.	Herbert W. Mumford.	..do.	6 04
O 8715	..do.	W. T. Crandall.	..do.	15 30
O 8716	..do.	Tice & Lynch.	Books.	46 16
O 8717	..do.	Bennetts Magazine Agency.	Magazines.	53 05
O 8718	..do.	Leavitt Mfg. Co.	Fencing.	11 19
O 8719	..do.	Starrs & Harrison's Co.	Nursery stock.	120 98
O 8720	..do.	Library Bureau.	General supplies.	70 00
O 8721	..do.	Standard Oil Co.	Laboratory supplies.	48 03
O 8722	..do.	The Art Institute.	Rent.	2 80
O 8723	..do.	Osgood Co.	Printing and publishing.	8 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 8724	May 0	Norton Co.	Apparatus repairs.	\$ 2 58
O 8725	do	Wm. Schlotzhauer.	Field expenses.	48 39
O 8726	do	J. T. Newsome.	Traveling expenses.	41 46
O 8727	do	Harry C. Gilkerson.	Traveling and field expenses.	26 62
O 8728	do	H. J. Snider.	Traveling expenses.	21 69
O 8729	do	H. C. Wheeler.	do.	43 36
O 8730	do	Florence Harrison.	do.	60 57
O 8731	do	O. M. Allyn.	do.	12 55
O 8732	do	Wm. Powell.	Field expenses.	40 25
O 8733	May 21	F. K. Robeson.	Laboratory apparatus.	1 66
O 8734	do	The Western Electric Co.	Electrical supplies.	4 78
O 8735	do	J. T. Newsome.	Field expenses.	60 00
O 8736	do	A. S. Nelson & Sons.	General supplies.	2 02
O 8737	do	Ernst Hertzberg & Sons.	Books.	46 23
O 8738	do	Chester Horse Shoeing Shop.	Field expenses.	14 00
O 8739	do	D. H. Lloyd.	Office supplies.	3 50
O 8740	do	Flanigan-Pearson Co.	Printing.	99 08
O 8741	do	Knowlton & Bennett.	General supplies.	5 80
O 8742	do	W. W. Walls & Co.	do.	7 60
O 8743	do	G. C. Willis.	do.	74 49
O 8744	do	Reliable Plumbing & Heating Co.	Plumbing supplies.	2 59
O 8745	do	U. of I. Supply Store.	Office supplies.	8 42
O 8746	do	Eimer & Amend.	Laboratory supplies.	24 00
O 8747	do	Ideal Electric Co.	Electrical supplies.	5 43
O 8748	do	Taylor Hardware Co.	General supplies.	14 10
O 8749	do	Percival & Moorehead.	do.	5 25
O 8750	do	P. S. Campbell.	Printing.	13 50
O 8751	do	Miller Harness Co.	Farm machinery.	6 25
O 8752	May 22	Chicago Medical Book Co.	Books.	4 00
O 8753	do	Crescent Engraving Co.	Printing.	13 75
O 8754	do	Scientific Materials Co.	Laboratory supplies.	11 00
O 8755	do	Haussmann & Dunn Co.	Laboratory apparatus and supplies.	23 95
O 8756	do	Henry J. Green.	Laboratory apparatus.	3 38
O 8757	do	Burr-Vack Co.	Office supplies.	27 25
O 8758	do	Thomas J. Dee & Co.	Laboratory supplies.	14 05
O 8759	do	Ernst Leitz.	do.	34 40
O 8760	do	Mallory & Mitchell.	Advertising.	5 00
O 8761	do	A. C. Lehmann.	Laboratory supplies.	9 10
O 8762	do	French-American Import Co.	do.	4 10
O 8763	do	Crucible Steel Co. of America.	do.	13 07
O 8764	do	Koehler Mfg. Co.	Laboratory apparatus.	3 92
O 8765	do	S. H. Burton.	General supplies.	5 00
O 8766	do	Leavitt Mfg. Co.	Farm machinery repairs.	1 17
O 8767	do	Ellery B. Paine.	Traveling expenses.	22 14
O 8768	do	J. T. Ryerson & Son.	Laboratory supplies.	15 25
O 8769	do	Hoosier Mfg. Co.	Janitor's supplies.	17 94
O 8770	do	Marion Machine Foundry & Supply Co.	Machine repairs.	1 88
O 8771	do	Oldham Brothers.	Laboratory supplies.	5 75
O 8772	do	Twin City Ice & Cold Storage Co.	General supplies.	25 00
O 8773	do	Bausch & Lomb Optical Co.	Laboratory apparatus.	6 83
O 8774	do	Armour Fertilizer Works.	General supplies.	15 18
O 8775	do	Johnson Bros.	do.	3 10
O 8776	do	The Emil Greiner Co.	Laboratory supplies.	41 00
O 8777	do	Ely Brothers Carriage Shop.	Farm machinery repairs.	18 50
O 8778	do	New Jersey School-Church Furniture Co.	General supplies.	7 20
O 8779	do	E. M. Moll.	Laboratory apparatus.	2 20
O 8780	do	Urbana & Champaign Ry., Gas & Electric Co.	General supplies.	236 50
O 8781	do	Alex Harmon & Son.	Field expenses.	11 80
O 8782	do	S. C. Wilson & Co.	Feeding stuff.	15 30
O 8783	do	Commonwealth-Edison Co.	Electric power.	11 55
O 8784	do	P. G. Burt.	Traveling expenses.	5 04
O 8785	do	J. G. Mosier.	do.	14 16
O 8786	do	Geo. Banta Publishing Co.	Printing and publishing.	287 97
O 8787	do	R. W. Braithwaite.	Expert service.	3 25
O 8788	do	Jolly-Wieland & Richardson Co.	Field expense.	51 85
O 8789	do	Eisner Grocery Co.	General supplies.	19 55
O 8790	do	The Burr Co.	Laboratory supplies.	44 66
O 8791	do	Alexander Lumber Co.	General supplies.	70 48
O 8792	do	Bacon Brothers.	do.	28 85
O 8793	do	Illinois State Reformatory.	Printing.	109 15
O 8794	do	John H. Doyle.	General supplies.	13 62
O 8795	do	S. E. Huff & Co.	do.	64 95
O 8796	do	Barnhart Brothers.	do.	8 52
O 8797	do	The Chas. A. Hall Hardware Co.	Farm machinery and supplies.	62 56
O 8798	do	E. A. Eichhorst.	Farm machinery.	29 80
O 8799	do	V. Mueller & Co.	General supplies.	59 82
O 8800	do	Marshall Field & Co.	Furniture and fixtures.	52 29

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 8801	May 22	Arthur Ochs.....	Laboratory supplies.....	\$ 9 00
O 8802	..do....	Western Lumber Co.....	General supplies.....	7 64
O 8803	..do....	National Engraving Co.....	Printing and publishing.....	28 35
O 8804	..do....	A. C. McClurg & Co.....	Laboratory supplies.....	11 10
O 8805	..do....	The Creamery Package Mfg. Co.....	Laboratory apparatus.....	39 75
O 8806	..do....	Library of Congress.....	Expert service.....	400 00
O 8807	..do....	A. W. Shaw & Co.....	Subscription.....	2 00
O 8808	May 23	O. E. Staples, Bursar.....	General labor.....	104 33
O 8809	..do....	C. M. Wirick.....	Traveling expenses.....	5 04
O 8810	..do....	Urbana Courier Co.....	Printing.....	8 00
O 8811	..do....	B. F. Stevenson & Sons.....	Cafeteria supplies.....	42 25
O 8812	..do....	The Linen Thread Co.....	Laboratory apparatus.....	8 00
O 8813	..do....	Lansing Co.....	..do....	18 50
O 8814	..do....	Flanigan-Pearson Co.....	Printing and publishing.....	292 75
O 8815	..do....	Guy Daily.....	General supplies.....	10 00
O 8816	..do....	R. W. Braithwaite.....	Expert service.....	31 15
O 8817	..do....	Ward's National Science Establishment.....	Museum specimens.....	57 00
O 8818	..do....	Reliable Plumbing & Heating Co.....	Building repairs.....	15 00
O 8819	..do....	Helen Rearick.....	Traveling expenses.....	5 68
O 8820	..do....	A. A. Harding.....	Expert service.....	27 00
O 8821	..do....	Charles Fairman.....	Traveling expenses.....	6 60
O 8822	..do....	Perry Clark.....	..do....	6 52
O 8823	..do....	Dorothy Doty.....	..do....	7 14
O 8824	..do....	Helen Doty.....	..do....	7 34
O 8825	..do....	Joseph Dromgoole.....	..do....	6 60
O 8826	..do....	Phillip Carbaugh.....	..do....	8 75
O 8827	..do....	Chas. A. Campbell.....	Traveling and field expenses.....	37 48
O 8828	..do....	J. E. Whitechurch.....	..do....	40 78
O 8829	..do....	Geo. W. Medley.....	Field expense.....	26 30
O 8830	..do....	Emil Lorch.....	Traveling expenses.....	28 19
O 8831	..do....	F. W. Wascher.....	..do....	29 55
O 8832	..do....	R. W. Dickenson.....	..do....	38 78
O 8837	..do....	Pay roll.....	May, 1914.....	3,761 66
		Askins, Levi Roy.....	Wages, May, 1914.....	\$ 45 00
		Brentlinger, Emmett P.....	..do....	50 00
		Brown, C. F.....	..do....	50 00
		Brown, E. J.....	..do....	45 00
		Brown, Edward.....	..do....	50 00
		Boswell, Andrew.....	..do....	42 00
		Boswell, James.....	..do....	50 00
		Bullock, T. D.....	..do....	45 00
		Conrad, Emma.....	..do....	35 00
		Corson, A. J.....	..do....	50 00
		Curry, Florence J.....	..do....	30 00
		Dale, Fred.....	..do....	50 00
		Dillion, Jasper.....	..do....	50 00
		Eaton, Ralph.....	..do....	46 00
		Egelston, Asa T.....	..do....	40 00
		Engle, Lawrence.....	..do....	25 00
		Flocken, John Beck.....	..do....	60 00
		Gossett, J. Oliver.....	..do....	60 00
		Grabbe, Florence H.....	..do....	50 00
		Griffith, L. A.....	..do....	50 00
		Hamlin, Clyde.....	..do....	55 00
		Hamlin, Hiram.....	..do....	50 00
		Harding, Clayton F.....	..do....	100 00
		Heath, William.....	..do....	50 00
		Hensel, Etta.....	..do....	45 00
		Herbert, J. J.....	..do....	85 00
		Houser, Frank E.....	..do....	47 50
		Jacobson, I. S.....	..do....	60 00
		Jensen, George.....	..do....	55 00
		Luther, Ida L.....	..do....	23 50
		McQueen, H. D.....	..do....	50 00
		Marsh, W. T.....	..do....	45 00
		Marshall, Samuel A.....	..do....	47 50
		Miller, W. W.....	..do....	75 00
		Mink, George.....	..do....	47 50
		Moore, H. E.....	..do....	50 00
		Muhleman, Elizabeth.....	..do....	50 00
		Nesbit, Lawrence.....	..do....	50 00
		Orrill, Russell.....	..do....	35 00
		Pollard, Charles.....	..do....	50 00
		Prewitt, Floyd E.....	..do....	50 00
		Redman, Louise E.....	..do....	60 00
		Ross, Roy M.....	..do....	80 00
		Sanders, Frank.....	..do....	50 00
		Sayer, Clint.....	..do....	35 00
		Shipman, Cash.....	..do....	50 00



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 8837	May 23	Shue, Mrs. Lizzie B. ....	Wages, May, 1914.....	\$40 00
Cld.		Stephens, William R. ....	do.....	50 00
		Stivers, M. F. ....	do.....	50 00
		Stoltzfus, Amos L. ....	do.....	46 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
		Conley, M. J. ....	do.....	75 00
		Cook, Jesse. ....	do.....	55 00
		Crawford, T. P. ....	do.....	50 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. E. ....	do.....	15 00
		Patterson, Will. ....	do.....	50 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
O 8838	May 25	J. D. White. ....	Postage. ....	\$515 00
O 8839	do.	Twin City Ice & Cold Storage Co. ....	General supplies. ....	4 00
O 8840	do.	F. K. Robeson. ....	do.....	2 20
O 8841	do.	American Radiator Co. ....	Freight. ....	1 81
O 8842	do.	Chas. Black. ....	Nursery stock. ....	6 00
O 8843	do.	Thomsen Chemical Co. ....	General supplies. ....	20 45
O 8844	do.	Illinois Water Supply Assn. ....	Reprints. ....	1 80
O 8845	do.	H. S. McCracken Box & Label Co. ....	Office supplies. ....	7 00
O 8846	do.	Werwick & York, Inc. ....	Printing and publishing. ....	6 50
O 8847	do.	Well Bros. ....	General supplies. ....	1 20
O 8848	do.	The Davis Ewing Concrete Co. ....	Fencing. ....	14 85
O 8849	do.	J. J. Brennen. ....	Feeding Stuff. ....	103 84
O 8850	do.	Illinois State Reformatory. ....	Printing. ....	3 80
O 8851	do.	Kimble-Durand Glass Co. ....	Laboratory supplies. ....	16 90
O 8852	do.	Geo. B. Carpenter & Co. ....	Machine repairs. ....	17 53
O 8853	do.	Western Valve Co. ....	Plumbing supplies. ....	9 52
O 8854	do.	Mining and Scientific Press. ....	Books. ....	2 00
O 8855	do.	Becker Steel Co. of America. ....	Laboratory supplies. ....	1 91
O 8856	do.	International Text Book Co. ....	Book. ....	20 55
O 8857	do.	Weston Electric Instrument Co. ....	Laboratory apparatus. ....	20 83
O 8858	do.	Pratt & Whitney Co. ....	Apparatus repairs. ....	1 97
O 8859	do.	American Hard Rubber Co. ....	Laboratory apparatus. ....	11 44
O 8860	do.	Wilhelm Miller. ....	Traveling expenses. ....	3 23
O 8861	do.	L. R. Lang. ....	do.....	5 46
O 8862	do.	E. W. Bailey. ....	do.....	8 61
O 8863	do.	C. E. Durst. ....	do.....	12 69
O 8864	do.	A. J. Gunderson. ....	do.....	32 39
O 8865	do.	Fuller & Fuller Co. ....	Laboratory supplies. ....	5 63
O 8866	do.	Electrical Supply Co. ....	Electrical supplies. ....	60 25
O 8867	do.	Standard Oil Co. ....	General supplies. ....	6 66
O 8868	do.	The Burr Co. ....	Laboratory apparatus and supplies. ....	18 46
O 8869	do.	S. E. Huff & Co. ....	Walks. ....	35 75
O 8870	do.	Alexander Lumber Co. ....	General supplies. ....	29 08
O 8871	do.	Oldham Brothers. ....	do.....	4 65
O 8872	do.	Bacon Brothers. ....	Repairs. ....	6 12
O 8873	do.	C. A. Kler. ....	General supplies. ....	1 44
O 8874	do.	John T. Groot. ....	Student assistance. ....	139 05
O 8875	May 27	F. A. Pearson. ....	Traveling expenses. ....	37 66
O 8876	do.	Miller-Bryant-Pierce Co. ....	Office supplies. ....	7 03
O 8877	do.	J. W. Butler Paper Co. ....	do.....	104 51
O 8878	do.	D. H. Lloyd. ....	do.....	219 70
O 8879	do.	A. C. McClurg & Co. ....	do.....	17 29
O 8880	do.	Stearnes Steel Range Co. ....	Laboratory apparatus. ....	6 40
O 8881	do.	W. T. Crandall. ....	Traveling expenses. ....	17 48
O 8882	do.	A. W. Nolan. ....	do.....	6 95
O 8883	do.	F. A. Fisher. ....	do.....	14 31
O 8884	do.	O. M. Allyn. ....	do.....	13 93
O 8885	do.	J. B. Andrews. ....	do.....	26 58
O 8886	do.	F. W. Kessinger. ....	Field expenses. ....	64 71
O 8887	do.	F. W. Wascher. ....	Traveling expenses. ....	30 67
O 8888	do.	S. V. Holt. ....	do.....	68 84

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 8889	May 27	R. W. Dickenson.....	Traveling expenses.....	\$ 44 13
O 8890	..do..	A. L. Moats.....	Field expenses.....	29 50
O 8891	..do..	J. W. Smith.....	..do..	32 89
O 8892	..do..	F. W. Garrett.....	Traveling expenses.....	22 73
O 8893	..do..	Harry C. Gilkerson.....	..do..	22 19
O 8894	..do..	E. E. Hoskins.....	..do..	25 40
O 8895	..do..	H. J. Snider.....	..do..	15 28
O 8896	..do..	S. O. Andros.....	..do..	10 01
O 8897	..do..	Miss Olive Percival.....	Lectures.....	30 00
O 8898	..do..	Keuffel & Esser Co.....	Office supplies.....	5 00
O 8899	..do..	United States Blue Print paper.....	..do..	88
O 8900	..do..	Hibbard, Spencer, Bartlett & Co.....	..do..	32
O 8901	..do..	Graham Paper Co.....	..do..	30
O 8902	..do..	James B. Clow & Sons.....	..do..	14 70
O 8903	..do..	The Weis Mfg. Co.....	..do..	16 68
O 8904	..do..	Taylor Hardware Co.....	Building materials.....	19 37
O 8905	..do..	F. K. Robeson.....	General supplies.....	5 44
O 8906	..do..	Illinois State Reformatory.....	Printing.....	82 18
O 8907	..do..	Norton Co.....	General supplies.....	1 13
O 8908	..do..	The A. I. Root Co.....	..do..	32 23
O 8909	..do..	Geo. Murphy.....	..do..	35
O 8910	..do..	Barnhart Bros.....	..do..	50
O 8911	..do..	The University of Chicago Press.....	Printing catalog cards.....	1 02
O 8912	..do..	The Burr Co.....	Farm machinery.....	25 60
O 8913	..do..	Garlock Packing Co.....	General supplies.....	29 63
O 8914	..do..	W. G. Griffith.....	Feeding stuff.....	12 00
O 8915	..do..	Twin City Mfg. Co.....	General supplies.....	1 34
O 8916	..do..	Woldenberg & Schaar.....	Laboratory apparatus.....	46 00
O 8917	..do..	L. C. Smith & Bros.....	Office supplies.....	2 50
O 8918	..do..	G. C. Willis.....	Furniture.....	2 25
O 8919	..do..	A. H. Barber Creamery Supply Co.....	General supplies.....	61 25
O 8920	..do..	C. A. Denman.....	Painting.....	6 25
O 8921	..do..	P. Diedrich.....	Farm machinery.....	62 50
O 8922	..do..	Louis Ely.....	Farm machinery repairs.....	6 75
O 8923	May 28	The Burr Co.....	..do..	14 13
O 8924	..do..	The Frederick Post Co.....	General repairs.....	14 70
O 8925	..do..	Champaign Seed Co.....	Feeding stuff.....	2 10
O 8926	..do..	The 3-H. Mfg. Co.....	Laboratory apparatus.....	7 00
O 8927	..do..	W. W. Walls & Co.....	Building material.....	5 12
O 8928	..do..	Twin City Printing Co.....	Printing.....	14 00
O 8929	..do..	J. D. White.....	Postage.....	155 12
O 8930	..do..	McIntosh Stereopticon Co.....	General supplies.....	2 94
O 8931	..do..	J. Horace McFarland Co.....	Laboratory apparatus.....	2 85
O 8932	..do..	The Kentucky Tobacco Products Co.....	Laboratory supplies.....	28 20
O 8933	..do..	Horticulture Publishing Co.....	Magazine.....	1 00
O 8934	..do..	Robt. Gaffner Co.....	Building repairs.....	19 52
O 8935	..do..	Bennetts Magazine Agency.....	Magazines.....	28 35
O 8936	..do..	Bacon Brothers.....	Farm machinery repairs.....	1 90
O 8937	..do..	Dairymen Supply Co.....	Laboratory apparatus.....	17 50
O 8938	..do..	H. Swannell & Son.....	General supplies.....	4 00
O 8939	..do..	G. C. Willis.....	..do..	7 80
O 8940	..do..	L. C. Smith & Bros. Co.....	Rental.....	7 50
O 8941	..do..	Woldenberg & Schaar.....	Laboratory supplies.....	172 65
O 8942	..do..	Central Electric Co.....	Electrical supplies.....	40 80
O 8943	..do..	C. C. Short.....	Filed expense.....	2 15
O 8944	..do..	National Drain Tile Co.....	Drain.....	92 40
O 8945	..do..	Chas. Welch.....	Building materials.....	8 75
O 8946	..do..	W. I. Saffell Co.....	General supplies.....	1 18
O 8947	..do..	The Adams-Bagnall Electric Co.....	..do..	3 36
O 8948	..do..	Anseo Co.....	..do..	3 63
O 8949	..do..	The Frederick Post Co.....	..do..	12 00
O 8950	..do..	Taylor Hardware Co.....	Corbin spring.....	55
O 8951	..do..	Bausch & Lomb Optical Co.....	Apparatus repairs.....	3 19
O 8952	..do..	Smith & Co.....	Ice.....	25 00
O 8953	..do..	D. H. Lloyd.....	Office supplies.....	2 25
O 8954	..do..	Western Electric Co.....	Laboratory supplies.....	17 38
O 8955	..do..	Eimer & Amend.....	Laboratory supplies.....	17 79
O 8956	..do..	Indian Refining Co.....	General supplies.....	3 40
O 8957	..do..	E. I. duPont de Nemours Powder Co.....	Laboratory apparatus and supplies.....	85 17
O 8958	..do..	Charles Mollet.....	Laboratory apparatus.....	5 65
O 8959	..do..	Zenner Disinfectant Co.....	General supplies.....	30 63
O 8960	..do..	D. T. Dobbins.....	Feeding stuff.....	3 40
O 8961	..do..	W. W. Walls & Co.....	Building materials.....	18 00
O 8962	..do..	James B. Clow & Sons.....	Plumbing materials.....	6 96
O 8963	..do..	T. P. Smith Wire & Iron Works.....	Furniture and fixtures.....	11 50
O 8964	..do..	Smith-Totman Co.....	General supplies.....	7 18

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 8965	May 28	F. M. Leslie.	Incidentals.	\$ 95
O 8966	..do..	Corbin Cabinet Lock Co.	General supplies.	51
O 8967	..do..	William Gaertner & Co.	Apparatus repairs.	22 00
O 8968	..do..	General Chemical Co.	Laboratory supplies.	109 85
O 8969	..do..	H. Swannell & Son.	..do..	8 30
O 8970	..do..	The Globe Soap Co.	..do..	1 60
O 8971	..do..	Roessler & Hasslacher Chemical Co.	Laboratory apparatus.	25 00
O 8972	..do..	Wm. J. Murdock Co.	General supplies.	94
O 8973	..do..	Central Electric Co.	Electrical supplies.	12 00
O 8974	..do..	Irving-Pitt Mfg. Co.	Office supplies.	95
O 8975	..do..	Wertheimer Bros.	General supplies.	2 70
O 8976	..do..	Champaign Daily Gazette.	Advertising.	3 00
O 8977	..do..	F. H. Whittum.	Analyses.	64 25
O 8978	..do..	J. M. Lindgren.	..do..	140 00
O 8979	..do..	L. C. Smith & Bros. Typewriter Co.	Rental.	7 50
O 8980	..do..	Singer Sewing Machine Co.	Building materials.	38
O 8981	..do..	G. C. Willis.	General supplies.	4 37
O 8982	..do..	J. Horace McFarland Co.	Laboratory apparatus.	2 10
O 8983	..do..	F. K. Robeson.	General supplies.	2 98
O 8984	..do..	Keystone View Co.	Laboratory apparatus.	15 47
O 8985	..do..	Henry A. Dreer, Inc.	General supplies.	3 75
O 8986	..do..	Hunter, Rourke & Co.	Laboratory materials.	37 41
O 8987	May 29	I. Paley.	Traveling expenses.	11 46
O 8988	..do..	The Carborundum Co.	Laboratory supplies.	83
O 8989	..do..	National Engraving Co.	Printing and publishing.	4 35
O 8990	..do..	Hall Hardware Co.	General supplies.	30 50
O 8991	..do..	The University Press.	Printing.	6 00
O 8992	..do..	Barnhart Bros.	General supplies.	1 50
O 8993	..do..	Walker & Mulliken.	Furniture and fixtures.	21 54
O 8994	..do..	Ely Brothers Carriage Shop.	Machine repairs.	8 75
O 8995	..do..	Illinois State Reformatory.	Printing.	46 90
O 8996	..do..	E. H. Sargent & Co.	Laboratory supplies.	65 15
O 8997	..do..	C. A. Denman.	Painting.	76 40
O 8998	..do..	Twin City Roofing Co.	Building materials.	14 45
O 8999	..do..	S. E. Huff & Co.	..do..	46 60
O 9000	..do..	The Burr Co.	General supplies.	20 96
O 9001	..do..	Dallenbach Bros.	Laboratory supplies.	17 50
O 9002	May 28	O. E. Staples, Bursar.	General labor.	88 13
O 9003	May 29	Harris-Dillavou.	Laboratory supplies.	6 05
O 9004	..do..	The U. S. Electrical Tool Co.	Apparatus repairs.	4 31
O 9005	..do..	Colonial Steel Co.	Laboratory supplies.	47
O 9006	..do..	Oldham Bros.	General supplies.	2 00
O 9007	..do..	G. W. Heitkamp.	Traveling expenses.	5 02
O 9008	..do..	F. E. McClughen.	Laundry.	15 62
O 9009	..do..	Lois Daniels.	Traveling expenses.	4 50
O 9010	..do..	D. H. Lloyd.	Piano tuning.	4 00
O 9011	..do..	Louis Balsam.	Traveling expenses.	5 65
O 9012	..do..	J. M. Lindgren.	Analyses.	20 00
O 9013	..do..	Indian Refining Co.	General supplies.	19 74
O 9014	..do..	The Cudahy Packing Co.	Janitor's supplies.	19 46
O 9015	..do..	Western Bank Note & Engraving Co.	Supplies.	40 80
O 9016	..do..	C. P. Howard.	General supplies.	1 50
O 9017	..do..	Armour Fertilizer Works.	Fertilizer.	15 08
O 9018	..do..	Charles Bellward.	Laboratory apparatus.	2 50
O 9019	..do..	Vaughn Seed Store.	General supplies.	3 25
O 9020	..do..	The Burr Co.	..do..	34 05
O 9021	..do..	E. C. Stone.	Lecture.	10 00
O 9022	..do..	E. Van Alstine.	Traveling expenses.	14 05
O 9023	..do..	J. G. Mosier.	..do..	14 90
O 9024	..do..	O. S. Fisher.	..do..	25 60
O 9025	..do..	C. C. Logan.	..do..	17 67
O 9026	..do..	Jacob Ten Boer.	Field expenses.	32 40
O 9027	..do..	Robert W. Hoffman.	Traveling expenses.	12 53
O 9028	..do..	C. E. Durst.	..do..	7 45
O 9029	..do..	B. E. Spalding.	Laboratory apparatus.	50
O 9030	..do..	G. C. Willis.	Laboratory supplies.	50
O 9031	..do..	Metzler & Schafer Co.	General supplies.	55
O 9032	..do..	B. A. Strauch.	..do..	75
O 9033	..do..	American Museum of Natural History.	Contribution.	2,500 00
O 9034	..do..	Ernst Hertzberg & Sons.	Books.	1 46
O 9035	..do..	Illinois Traction System.	General labor.	57 28
O 9036	..do..	Yetta Scheffel.	Traveling expenses.	24 71
O 9037	..do..	Bacon Brothers.	Laboratory supplies.	4 15
O 9038	..do..	F. M. Leslie.	Farm machinery.	37 10
O 9039	..do..	Hunter, Rourke & Co.	Building materials.	88 36
O 9040	..do..	D. H. Lloyd.	Office supplies.	7 00
O 9041	..do..	Taylor Hardware Co.	Building materials.	18 30
O 9042	..do..	S. E. Huff & Co.	..do..	33 50
O 9043	..do..	Pay roll.	May, 1914.	455 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 9043	May 29	Magnuson, A. O.	Wages, May, 1914	\$80 00
Cld.		Pergande, R.	do.	95 00
		Sinclair, C. R.	do.	65 00
		Swearingen, Daisy	do.	50 00
		Wilson, Ray W.	do.	65 00
		Heninger, Fred	do.	40 00
		Manley, Verna A.	do.	20 00
		Tackitt, Ora.	do.	40 00
O 9044	May 30	A. S. Nelson & Sons.	Eggs.	\$ 22
O 9045	do.	A. C. McClurg & Co.	Printing.	40 00
O 9046	do.	Renington Typewriter Co.	Platen.	2 80
O 9047	do.	Ernst Hertzberg & Sons.	Binding.	547 74
O 9048	June 2	Edwin L. Hasker.	Traveling expenses.	6 50
O 9049	do.	Fred J. Blackburn.	do.	25 50
O 9050	do.	E. A. Holbrook.	do.	2 05
O 9051	do.	G. W. Sheldon & Co.	Furniture and fixtures.	28 02
O 9052	do.	C. W. Balke.	Traveling expenses.	9 79
O 9053	do.	W. W. Walls & Co.	General supplies.	3 64
O 9054	do.	Henry B. Ward.	Traveling expenses.	17 69
O 9055	do.	Weston Electric Instrument Co.	Apparatus repairs.	1 00
O 9056	do.	R. R. Root.	Traveling expenses.	19 34
O 9057	do.	Franz A. Aust.	do.	36 89
O 9058	do.	Tice & Lynch.	Freight and express.	20 83
O 9059	do.	Ernst Hertzberg & Sons.	Bindings.	30 89
O 9060	do.	O. E. Staples, Bursar.	Student labor.	78 78
O 9061	do.	O. E. Staples, Bursar.	General labor.	130 69
O 9062	June 3	G. W. Sheldon & Co.	Freight and express.	20 18
O 9063	do.	Lawrence M. Larson.	Traveling expenses.	9 17
O 9064	do.	A. R. Crathorne.	do.	17 24
O 9065	do.	R. W. Dickerson.	do.	44 28
O 9066	do.	Geo. W. Medley.	do.	32 30
O 9067	do.	H. Fahrnkopf.	do.	6 06
O 9068	do.	A. F. Gustafson.	do.	20 27
O 9069	do.	G. A. Garrison.	General labor.	232 50
O 9070	June 4	T. V. Newsome.	Traveling expenses.	26 00
O 9071	do.	F. W. Wascher.	do.	39 20
O 9072	do.	J. E. Whitechurch.	do.	38 36
O 9073	do.	C. C. Logan.	do.	20 12
O 9074	do.	Harry C. Gilkerson.	Traveling and field expenses.	29 54
O 9075	do.	George W. Matheny.	Field expenses.	84 10
O 9076	do.	H. C. Lawson.	Traveling expenses.	26 94
O 9077	do.	National Blank Book Co.	Office supplies.	13 86
O 9078	do.	Keuffel & Esser Co.	do.	4 39
O 9079	do.	A. C. McClurg & Co.	do.	3 21
O 9080	do.	Universal Sales Co.	do.	3 36
O 9081	do.	Puritan Mailing Machine Co.	do.	1 00
O 9082	do.	J. W. Butler Paper Co.	do.	5 24
O 9083	do.	Clare E. Hoffman.	Live stock.	6 00
O 9084	do.	Ira M. Keller.	Eggs.	15 00
O 9085	do.	Wm. Aten, Sr.	Field expenses.	43 03
O 9086	do.	G. H. Meyer.	Traveling expenses.	16 59
O 9087	do.	E. E. Hoskins.	Traveling and field expenses.	20 04
O 9088	do.	Albert Tate.	Field expenses.	57 85
O 9089	do.	Graham Paper Co.	Office supplies.	24 35
O 9090	do.	J. T. Newsome.	Field expenses.	67 69
O 9091	June 5	Sanford Mfg. Co.	Office supplies.	7 33
O 9092	do.	Students Publishing Assn.	Advertising.	2 50
O 9093	do.	The Monmouth College Oracle.	Incidentals.	2 00
O 9094	do.	Augustana Observer.	Advertising.	5 00
O 9095	do.	W. G. Brombacher.	do.	3 50
O 9096	do.	Eggleston's Music House.	Rentals.	21 00
O 9097	do.	O. A. Luttwiler.	Traveling expenses.	13 74
O 9098	do.	The Thompson & Norris Co.	Office supplies.	1 80
O 9099	do.	J. W. Butler Paper Co.	do.	7 28
O 9100	do.	U. of I. Supply Store.	do.	14 80
O 9101	do.	Standard Oil Co.	Paraffine Oil.	1 08
O 9102	do.	Hunter Allen Co.	Field expense.	23 81
O 9103	do.	Mandel Bros.	Laboratory supplies.	3 83
O 9104	do.	Whitelaw Bros.	General supplies.	18 75
O 9105	do.	William Bros.	do.	2 00
O 9106	do.	American Institution of Mining Engineers	Books.	46 00
O 9107	do.	American Guernsey Cattle Club.	Incidentals.	10 00
O 9108	do.	H. J. Bool Co.	Insect cases.	75 00
O 9109	do.	Woldenberg & Schaar.	Evaporator dishes.	55 00
O 9110	do.	H. H. Shufeldt & Co.	Laboratory supplies.	113 01
O 9111	do.	The William & Anderson Co.	General supplies.	111 20
O 9112	do.	Crane Co.	Plumbing supplies.	11 88
O 9113	do.	The Western Electric Co.	General supplies.	12 80
O 9114	do.	Spencer Lens Co.	Laboratory supplies.	5 85

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 9115	June 5	The New York Times Index . . . . .	Copies . . . . .	\$ 2 00
O 9116	do	The Champaign News . . . . .	Advertising . . . . .	7 50
O 9117	do	William M. Wilson's Sons . . . . .	General supplies . . . . .	6 50
O 9118	do	Hibbard, Spencer, Bartlett & Co. . . . .	Furniture and fixtures . . . . .	27 00
O 9119	do	Eimer & Amend . . . . .	Laboratory supplies . . . . .	321 25
O 9120	do	Work-Organizer Specialty Co. . . . .	Desk file . . . . .	1 10
O 9121	do	Ely Carriage Shop . . . . .	Machine repairs . . . . .	2 75
O 9122	do	The E. G. Hill Co. . . . .	General supplies . . . . .	21 00
O 9123	do	Stone Brothers . . . . .	Field expenses . . . . .	8 00
O 9124	do	National Drain Tile Co. . . . .	Drains . . . . .	87 50
O 9125	do	A. N. Marquis Co. . . . .	Books . . . . .	4 75
O 9126	do	J. W. Church . . . . .	Feeding stuff . . . . .	178 93
O 9127	do	Electric Appliance Co. . . . .	Laboratory apparatus . . . . .	21 60
O 9128	do	Central Scientific Co. . . . .	Compasses . . . . .	1 27
O 9129	do	James B. Clow & Sons . . . . .	General supplies . . . . .	4 75
O 9130	do	Schermerhorn Bros Co. . . . .	Mops . . . . .	36 00
O 9131	do	Champaign Seed Co. . . . .	General supplies . . . . .	77 50
O 9132	do	Waukesha Co., Guernsey Breeders Assn. . . . .	Live stock . . . . .	713 00
O 9133	do	Eisner Grocery Co. . . . .	Feeding stuff . . . . .	1 30
O 9134	do	C. W. Sheldon & Co. . . . .	Furniture and fixtures . . . . .	17 54
O 9135	do	Stanton & Stanton . . . . .	General labor . . . . .	6 00
O 9136	do	Bowers Drug Store . . . . .	Field expenses . . . . .	2 80
O 9137	do	Egyptian Packing Co. . . . .	do . . . . .	1 75
O 9138	do	Walter Byrne . . . . .	Live stock . . . . .	85 00
O 9139	do	E. G. Mendenhall . . . . .	Disc Harrow . . . . .	22 28
O 9140	do	Stephen Rogers . . . . .	Field expense . . . . .	129 75
O 9141	do	O. S. Fisher . . . . .	Traveling and field expenses . . . . .	56 00
O 9142	do	Frank Morgan . . . . .	Field expenses . . . . .	56 00
O 9143	do	George W. Medley . . . . .	do . . . . .	36 35
O 9144	do	H. C. Wheeler . . . . .	Traveling expenses . . . . .	116 57
O 9145	do	Wm. Schlotzhauer . . . . .	Field expenses . . . . .	36 50
O 9146	do	H. P. Rusk . . . . .	Traveling expenses . . . . .	17 24
O 9147	do	W. A. Ruth . . . . .	do . . . . .	60 95
O 9148	do	Wilson Bros . . . . .	Field expenses . . . . .	107 50
O 9149	do	Printograph Sales Co. . . . .	Apparatus repairs . . . . .	1 59
O 9150	do	Well Bros . . . . .	General supplies . . . . .	28 07
O 9151	do	Geo. Strods . . . . .	do . . . . .	24 10
O*1154a	do	Eimer & Amend . . . . .	Laboratory apparatus . . . . .	75 00
O 1155b	do	Jno. B. Bennett . . . . .	Drain . . . . .	40 56
O 1156c	do	Durand Steel Locker Co. . . . .	Furniture and fixtures . . . . .	18 50
O 1157d	do	F. M. Leslie . . . . .	do . . . . .	117 00
O 1158e	do	Illinois State Reformatory . . . . .	do . . . . .	30 00
O 1159a	do	G. S. Moler . . . . .	do . . . . .	76 19
O 1160a	do	Library Bureau . . . . .	do . . . . .	30 00
O 1161a	do	A. A. Kiler . . . . .	do . . . . .	27 00
O 9152	June 6	W. W. & E. D. Hanes . . . . .	Laboratory supplies . . . . .	2 52
O 9153	do	General Electric Co. . . . .	Apparatus . . . . .	38 00
O 9154	do	R. C. Wagner & Son . . . . .	General supplies . . . . .	24 40
O 9155	do	Automatic Electric Co. . . . .	do . . . . .	15 00
O 9156	do	Wadsworth-Howland Co. . . . .	Building materials . . . . .	3 00
O 9157	do	E. W. Sampson . . . . .	Farm machinery . . . . .	69 35
O 9158	do	Collins & Slimp . . . . .	General supplies . . . . .	1 05
O 9159	do	The Luminous Unit Co. . . . .	Laboratory apparatus . . . . .	40 00
O 9160	do	Montgomery-Ward & Co. . . . .	do . . . . .	22 35
O 9161	do	Pittsburg Electric Specialty Co. . . . .	do . . . . .	25 65
O 9162	do	Remington Typewriter Co. . . . .	Office equipment . . . . .	52 25
O 9163	do	Chicago Fire Proof Storage Warehouse . . . . .	Storage . . . . .	3 00
O 9164	do	Stromberg, Allen & Co. . . . .	Printing and publishing . . . . .	4 00
O 9165	do	A. N. Marquis & Co. . . . .	Books . . . . .	4 75
O 9166	do	H. D. Smith . . . . .	General supplies . . . . .	1 60
O 9167	do	C. A. Denman . . . . .	Painting . . . . .	3 00
O 9168	do	Irvin W. Maxwell . . . . .	Feeding stuffs . . . . .	39 00
O 9169	do	L. C. Smith & Bros. Typewriter Co. . . . .	Office equipment . . . . .	2 50
O 9170	do	C. F. Witt, Estate . . . . .	Farm machinery repairs . . . . .	5 35
O 9171	do	Bausch & Lomb Optical Co. . . . .	Apparatus repairs . . . . .	4 70
O 9172	June 5	Elmer Frazier . . . . .	Feeding stuff . . . . .	22 80
O 9173	do	D. T. Dobbins . . . . .	do . . . . .	2 00
O 9174	do	George Strode . . . . .	Awnings . . . . .	92 00
O 9175	do	C. W. Johnson . . . . .	General supplies . . . . .	3 00
O 9176	do	H. Mueller Mfg. Co. . . . .	Laboratory supplies . . . . .	1 43
O 9177	do	Hoffman & Kropff Chemical Co. . . . .	do . . . . .	24 50
O 9178	do	Standard Oil Co. . . . .	do . . . . .	7 00
O 9179	do	Lansing Co. . . . .	Laboratory apparatus . . . . .	65 00
O 9180	do	Ward's Natural Science Establishment . . . . .	Museum specimens . . . . .	65 00
O 9181	do	Farrar & Quinlan . . . . .	Cafeteria supplies . . . . .	74 71
O 9182	do	Swift & Co. . . . .	General supplies . . . . .	2 83
O 9183	do	International Press Clipping Bureau . . . . .	Clipping . . . . .	5 00
O 9184	do	White Line Steam Laundry . . . . .	Laundry . . . . .	16 96

\* Nos. 1154a to 1161a, inclusive, transferred from buildings, land and equipment.

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 9185	June 5	The Engineering Magazine.....	Magazine.....	\$ 1 99
O 9186	..do.	L. S. Baldwin.....	General supplies.....	3 63
O 9187	..do.	Carbondale Printing Co.....	Printing.....	18 00
O 9188	..do.	A. C. McClurg & Co.....	Books.....	42 00
O 9189	..do.	James M. White.....	Traveling expenses.....	7 24
O 9190	June 6	A. C. McClurg & Co.....	General supplies.....	16 08
O 9191	..do.	Cameron, Amberg & Co.....	Printing.....	31 25
O 9192	..do.	Chicago Towel Co.....	Laundry.....	56 94
O 9193	..do.	Chicago Telephone Co.....	Telephone.....	42 17
O 9194	..do.	Maas Bros.....	General supplies.....	1 87
O 9195	..do.	Morrison, Plummer & Co.....	Laboratory supplies.....	17 58
O 9196	..do.	Harry Cohn.....	Traveling expenses.....	6 64
O 9197	..do.	C. L. Frame Dental Supply Co.....	Laboratory supplies.....	3 00
O 9198	..do.	Geo. Banta Publishing Co.....	Printing.....	43 68
O 9199	..do.	L. C. Smith & Bros.....	Rental.....	2 50
O 9200	..do.	Orr & Lockett Hardware Co.....	Building materials.....	6 08
O 9201	..do.	Marshall Field Co.....	General supplies.....	8 71
O 9202	..do.	City of Chicago Collector.....	Expert service.....	4 00
O 9203	..do.	Boland Machinery Co.....	Machine repairs.....	3 60
O 9204	..do.	Chicago Adressing Co.....	Printing.....	106 08
O 9205	..do.	The Book Shop Bindery.....	Binding.....	79 80
O 9206	..do.	Bradner, Smith & Co.....	Office supplies.....	2 16
O 9207	..do.	Heath & Milligan Mfg. Co.....	Laboratory supplies.....	3 75
O 9208	..do.	Western Fuel Co.....	Coal.....	139 61
O 9209	..do.	F. G. Hartwell Co.....	..do.....	116 34
O 9210	..do.	Borden's Condensed Milk Co.....	Laboratory supplies.....	4 00
O 9211	..do.	Goodhart's Laundry.....	Laundry.....	59 40
O 9212	..do.	Barron Bros. Coal Co.....	General supplies.....	2 56
O 9213	..do.	Arthur Ochs.....	Laboratory supplies.....	10 50
O 9214	..do.	Wm. Powell.....	Field expenses.....	33 00
O 9215	..do.	Alfred Bergren.....	..do.....	34 96
O 9216	..do.	Henry Pfau.....	..do.....	21 65
O 9217	..do.	E. R. Green.....	..do.....	23 60
O 9218	..do.	Chas. A. Campbell.....	Traveling expenses.....	46 89
O 9219	..do.	J. B. Marshall.....	Field expenses.....	108 00
O 9220	..do.	O. M. Allyn.....	Traveling expenses.....	17 15
O 9221	..do.	S. O. Andros.....	..do.....	3 95
O 9222	..do.	Thos. J. Dee & Co.....	Laboratory supplies.....	63 80
O 9223	..do.	Pay roll.....	June, 1914.....	8,377 45
		Alexander, Lilla.....	Salary, June, 1914.....	\$ 65 00
		Alley, W. E.....	..do.....	85 00
		Amos, Winifred L.....	..do.....	75 00
		Atkinson, C. E.....	..do.....	141 66
		Beyer, Melinda L.....	..do.....	75 00
		Blackwell, Mary.....	..do.....	55 00
		Boice, L. A.....	..do.....	125 00
		Bowen, Evalena.....	..do.....	65 00
		Broadhurst, Tabitha J.....	..do.....	75 00
		Brown, Ina M.....	..do.....	60 00
		Bryan, Sarah E.....	..do.....	70 00
		Buckles, Mildred.....	..do.....	65 00
		Buckler, Helen I.....	..do.....	60 00
		Burt, Ruth.....	..do.....	50 00
		Cass, Elizabeth H.....	..do.....	65 00
		Crawford, C. C.....	..do.....	65 00
		Cover, Hazel.....	..do.....	60 00
		Cunningham, H. E.....	..do.....	166 66
		Custer, Emma L.....	..do.....	75 00
		Dalton, C. E.....	..do.....	50 00
		Dexter, Lydia A.....	..do.....	70 00
		Durfey, Franc A.....	..do.....	50 00
		Emigh, Edith.....	..do.....	70 00
		Feldkamp, Amelia.....	..do.....	50 00
		Fraser, Viola.....	..do.....	65 00
		Fieg, Robert.....	..do.....	50 00
		Gage, Marjorie H.....	..do.....	75 00
		Gallagher, Marion B.....	..do.....	50 00
		Garwood, Frances.....	..do.....	50 00
		Goetz, Antoinette.....	..do.....	70 00
		Good, Elizabeth.....	..do.....	50 00
		Gordon, Marie A.....	..do.....	55 00
		Griffith, Mabel.....	..do.....	70 00
		Hayes, Margaret L.....	..do.....	40 00
		Halliday, Mable.....	..do.....	60 00
		Hamilton, Mrs. Alice V.....	..do.....	75 00
		Hay, N.....	..do.....	166 66
		Heater, Myrtle E.....	..do.....	60 00
		Houchens, Josie B.....	..do.....	83 33
		Hull, A. H.....	..do.....	65 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 9223 Cld.	1914. June 6	Humrichouse, Katie L.....	Wages, June, 1914 .....	\$ 50 00
		Johnson, Gertrude E.....	do.....	60 00
		Kirwin, Nora.....	do.....	50 00
		Knorr, L. E.....	do.....	150 00
		Knapp, Aurella.....	do.....	75 00
		Lahr, Lawrence.....	do.....	50 00
		Lamb, Allie B.....	do.....	55 00
		Lee, A. R.....	do.....	91 66
		Leitz, Louise A.....	do.....	40 00
		Love, Mary E.....	do.....	65 00
		Luther, Cornelia M.....	do.....	40 00
		McConn, C. M.....	do.....	250 00
		McGehee, Hester E.....	do.....	40 00
		McGurty, Agnes.....	do.....	83 33
		McIntire, W. A.....	do.....	50 00
		Manspeaker, L. Mae.....	do.....	83 33
		Meneley, Maude E.....	do.....	60 00
		Merchant, Donna.....	do.....	50 00
		Meseck, R.....	do.....	65 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
		Needham, Lucile.....	do.....	60 00
		Nyberg, Florence A.....	do.....	50 00
		Packard, Bessie.....	do.....	75 00
		Peel, Thomas.....	do.....	55 00
		Phelps, Vergil V.....	do.....	150 00
		Post, Frederick.....	do.....	75 00
		Postlewiatt, Harriet L.....	do.....	55 00
		Potter, Mabel.....	do.....	75 00
		Pulling, Elizabeth.....	do.....	60 00
		Putnam, Persis.....	do.....	75 00
		Renz, Myrtle.....	do.....	75 00
		Rickett, s. Clara.....	do.....	60 00
		Riggs, Bess.....	do.....	35 00
		Robertson, Nellie.....	do.....	70 00
		Rogers, Della M.....	do.....	40 00
		Scanlan, Mary.....	do.....	60 00
		Sharp, Bertha L.....	do.....	55 00
		Shaw, Hazel Y.....	do.....	65 00
		Shepard, Anna L.....	do.....	100 00
		Slater, Sara M.....	do.....	60 00
		Smith, Florence E.....	do.....	75 00
		Smith, I. M.....	do.....	125 00
		Smith, Mayme L.....	do.....	65 00
		Staples, O. E.....	do.....	150 00
		States, Bertha G.....	do.....	50 00
		Stevens, Sabra.....	do.....	65 00
		Steitz, Alfred.....	do.....	85 00
		Stricklan, Freda O.....	do.....	65 00
		Thompson, M. E.....	do.....	90 00
		Tuttle, G. P.....	do.....	100 00
		Tyrrell, Josephine.....	do.....	50 00
		Vaibel, D.....	do.....	60 00
		Voight, Lida E.....	do.....	83 33
		White, Loretta.....	do.....	70 00
		Winchester, B. L.....	do.....	50 00
		Wyninger, H. T.....	do.....	60 00
		Becker, Georgia.....	do.....	65 00
		Brownfield, Lelah.....	do.....	50 00
		Buchan, Harold C.....	do.....	70 00
		Ellis, E. R.....	do.....	50 00
		Flattery, Amanda.....	do.....	60 00
		Jones, Mabel.....	do.....	65 00
		Leonard, Russell.....	do.....	45 83
		Lonius, J. O.....	do.....	90 00
		Paulus, William H.....	do.....	55 00
		Reid, Olive G.....	do.....	50 00
		Rein, Lillian E.....	do.....	50 00
		Ressler, Milton.....	do.....	80 00
		Vanderbeek, H. J.....	do.....	65 00
		Hart, Eliza.....	do.....	50 00
		Hester, Marie.....	do.....	55 00
		Johnson, J. J.....	do.....	50 00
		McMullen, Jehnie B.....	do.....	50 00
O 9224	do.....	Pay roll.....	June, 1914.....	\$50 00
		Davis, Vera.....	Salary, May, 1914.....	50 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914.				
O 9225	June 6	O. E. Staples, Bursar.	General labor.	\$ 322 57
O 9226	..do.	O. E. Staples, Bursar.	Student labor.	494 60
O 9227	June 8	Hibbard-Spencer-Bartlett.	Office supplies.	2 13
O 9228	..do.	Underwood Typewriter Co.	..do.	3 12
O 9229	..do.	Irving-Pitt Mfg. Co.	..do.	5 98
O 9230	..do.	O. E. Staples, Bursar.	Student labor.	135 40
O 9231	..do.	O. Byrne Transfer Co.	Freight and express.	1 50
O 9232	..do.	H. K. Mulford Co.	Laboratory supplies.	10 50
O 9233	..do.	J. D. White.	Postage.	300 00
O 9234	..do.	D. H. Lloyd.	Office supplies.	86 54
O 9235	..do.	R. C. Wagner & Son.	General labor.	1,040 84
O 9236	..do.	Florence Harrison.	Traveling expenses.	27 75
O 9237	June 9	Pay roll.	April, 1914.	81 97
		Heninger, Fred.	Wages, April, 1914.	\$32 34
		Orrill, Thomas.	..do.	15 75
		Tackitt, Ora.	..do.	33 88
O 9238	..do.	O. E. Staples, Bursar.	General labor.	54 61
O 9239	..do.	The Fitch Dustdown Co.	Mops.	24 00
O 9240	..do.	Osgood Co.	Printing.	13 30
O 9241	..do.	Dallenbach Bros.	Cafeteria supplies.	130 94
O 9242	..do.	Geo. Strode.	Furniture and fixtures.	36 00
O 9243	..do.	Smith & Co.	Cafeteria supplies.	25 00
O 9244	..do.	Metzler & Schafer Co.	..do.	105 56
O 9245	..do.	National Biscuit Co.	..do.	1 58
O 9246	..do.	Gaylord Bros.	General supplies.	1 20
O 9247	..do.	H. Swannell & Son.	Office equipment.	4 00
O 9248	..do.	The Schaeffer & Budenberg Mfg. Co.	Apparatus repairs.	8 42
O 9249	..do.	Howell's Microcosm.	Museum specimens.	40 00
O 9250	..do.	E. M. Sampson.	Machine repairs.	2 10
O 9251	..do.	The Leeds & Northrup Co.	Laboratory supplies.	90 30
O 9252	..do.	Weston Electric Ins. Co.	Laboratory apparatus.	13 36
O 9253	..do.	The C. J. Lundstrom Mfg. Co.	Furniture and fixtures.	23 00
O 9254	..do.	Boorum & Pease Loose Leaf Book Co.	Office supplies.	13 59
O 9255	..do.	Twin City Printing Co.	Printing.	19 88
O 9256	..do.	Barney Wolf.	Laboratory supplies.	7 50
O 9257	..do.	Georg Carpenter Co.	Machinery.	3 00
O 9258	..do.	Siegel, Cooper & Co.	Laboratory supplies.	3 50
O 9259	..do.	The Letter Shop.	Clerical assistance.	4 50
O 9260	..do.	Illinois State Penitentiary.	Brooms.	29 70
O 9261	..do.	Chicago Engineer Supply Co.	General supplies.	3 13
O 9262	..do.	Green Engineering Co.	Machinery repairs.	4 13
O 9263	..do.	Kieley Specialty Co.	Plumbing supplies.	9 90
O 9264	..do.	Consumers Co.	General supplies.	3 80
O 9265	..do.	John B. Bennett.	..do.	27 66
O 9266	..do.	Reliable Plumbing & Heating Co.	Plumbing.	22 80
O 9267	..do.	H. J. Snider.	Traveling expenses.	23 29
O 9268	..do.	H. C. Gilkerson.	..do.	64 18
O 9269	..do.	J. S. Reimunch.	Cafeteria supplies.	69 28
O 9270	..do.	The University Press.	Printing.	11 50
O 9271	..do.	Gus Johnson.	Laboratory supplies.	3 70
O 9272	June 10	O. E. Staples, Bursar.	Student labor.	282 97
O 9273	..do.	O. E. Staples, Bursar.	..do.	232 59
O 9274	..do.	O. E. Staples, Bursar.	General labor.	102 93
O 9275	..do.	Pay roll.	Feb. 1-July 1.	1,400 49
		Heacock, E. M.	Wages, February-June, 1914.	50 00
		Leckleider, A. F. J.	..do.	104 00
		Howard, W. S.	..do.	110 50
		King, Ralph.	..do.	72 00
		Olson, C. W.	..do.	48 00
		Cotton, S. O.	..do.	48 00
		Carothers, H. C.	..do.	32 00
		Norwood, L. H.	..do.	32 00
		Bonney, T. C.	..do.	30 00
		Coltman, H. D.	..do.	30 00
		Conley, C. C.	..do.	50 00
		Appelle, C. G.	..do.	50 00
		Richardson, F. R.	..do.	75 00
		Adler, Clay.	..do.	75 00
		Groot, John T.	..do.	25 00
		Brachvogel, Max.	..do.	25 00
		McClanahan, B. V.	..do.	25 00
		Nadeau, E. G.	..do.	25 00
		Seilin, Joseph.	..do.	75 00
		Tarkowsky, L. A.	..do.	64 00
		Ochs, Arthur.	..do.	50 00
		Lorch, G. J.	..do.	112 00
		Eck, C. P.	..do.	75 00
		Simmonds, W. E.	..do.	33 33



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 9275	June 10	Hakansson, E. G.	Wages, February-June, 1914.	\$33 33
		Fox, R. E.	do.	33 33
		Blaine, L. L.	do.	18 00
O 9276	June 11	T. O. Francis.	Traveling expenses.	\$ 6 55
O 9277	do.	J. D. McHose.	Contract.	558 00
O 9278	do.	Demonstrators' Assn. of Illinois.	Laboratory supplies.	84 00
O 9279	do.	E. S. Moore.	Charts.	28 00
O 9280	do.	C. S. Bacon.	Laboratory apparatus.	82 40
O 9281	do.	Heath & Milligan Mfg. Co.	Laboratory supplies.	13 20
O 9282	do.	Gordon C. Adams.	do.	3 00
O 9283	do.	Kasen's Express & Van Co.	Freight and express.	10 86
O 9284	do.	Laurel E. Yeamans.	Expert services.	10 00
O 9285	do.	Nick Starck & Sons.	General labor.	60 00
O 9286	do.	Fuller & Fuller Co.	Laboratory supplies.	9 00
O 9287	do.	Mallory & Mitchell.	Advertising.	14 25
O 9288	do.	Illinois State Reformatory.	Printing.	42 85
O 9289	do.	C. S. Case Co.	Laboratory supplies.	3 00
O 9290	do.	Western Lumber Co.	General supplies.	1 25
O 9291	do.	Cameron, Amberg & Co.	Printing.	2 25
O 9292	do.	Chicago Daily News Co.	Incidentals.	2 00
O 9293	do.	Morrisson, Plummer & Co.	Laboratory supplies.	17 23
O 9294	do.	V. Mueller & Co.	do.	4 77
O 9295	do.	A. C. McClurg & Co.	Office supplies.	21 70
O 9296	June 12	George W. Beardsley.	Traveling expenses.	14 22
O 9297	do.	E. Van Alstine.	do.	14 70
O 9298	do.	The Letter Shop.	Clerical assistance.	1 00
O 9299	do.	C. E. Durst.	Traveling expenses.	12 49
O 9300	do.	General Chemical Co.	Laboratory supplies.	57 10
O 9301	do.	Baker & Co.	do.	8 74
O 9302	do.	Oxweld Acetylene Co.	Apparatus repairs.	2 07
O 9303	do.	Henry Holt & Co.	Books.	9 36
O 9304	do.	Ginn & Co.	do.	10 55
O 9305	do.	J. G. Mosier.	Traveling expenses.	16 64
O 9306	do.	S. V. Holt.	do.	73 68
O 9307	do.	F. W. Garrett.	Traveling and field expenses.	31 54
O 9308	do.	C. F. Goodman.	Traveling expenses.	79 45
O 9309	do.	Logan A. Snyder.	Expert services.	15 00
O 9310	do.	M. R. Carlson.	Traveling expenses.	13 01
O 9311	do.	H. C. Wheeler.	do.	51 82
O 9312	do.	C. C. Logan.	do.	32 28
O 9313	do.	E. E. Hoskins.	Field expenses.	20 02
O 9314	do.	H. J. Snider.	Traveling expenses.	13 16
O 9315	do.	F. W. Wascher.	do.	44 15
O 9316	do.	R. W. Dickenson.	do.	34 82
O 9317	do.	Coon Bros.	Freight and express.	2 02
O 9318	do.	Conner & Quayle.	Field expense.	10 75
O 9319	do.	R. R. Root.	Traveling expenses.	26 58
O 9320	do.	James Boswell.	Freight.	1 97
O 9321	do.	G. A. Garrison.	General labor.	305 00
O 9322	do.	Universal Sales Co.	Office supplies.	1 52
O 9323	do.	Lane Cooper.	Books.	22 72
O 9324	do.	International Press Clipping Bureau.	Incidentals.	5 00
O 9325	do.	Houghton Mifflin Co.	Books.	27 00
O 9326	do.	Munhall Printing House.	Printing.	3 85
O 9327	do.	Morris & Co.	Feeding stuff.	53 21
O 9328	do.	Mfg. Equipment & Engineering Co.	Apparatus repairs.	1 92
O 9329	do.	Hegenbart Co.	Cafeteria supplies.	5 00
O 9330	do.	D. J. Dobbins.	Feeding stuff.	3 31
O 9331	do.	Power.	Advertising.	9 00
O 9332	do.	Gus Johnson.	Laboratory supplies.	1 00
O 9333	do.	Ansco Co.	General supplies.	3 30
O 9334	do.	Marshall, Field & Co.	Furniture and fixtures.	33 83
O 9335	do.	Burr-Vack Co.	Office supplies.	3 65
O 9336	do.	Armour & Co.	Laboratory supplies.	8 85
O 9337	do.	Remington Typewriter Co.	Office equipment.	50 00
O 9338	do.	Mollet & Mollet.	Laboratory supplies.	1 25
O 9339	do.	Felton, Sibley & Co.	do.	2 58
O 9340	do.	The Globe-Wernicke Co.	Furniture and fixtures.	7 00
O 9341	do.	The Fourth Estate.	Books.	100 00
O 9342	do.	H. A. Hollister.	Traveling expenses.	5 26
O 9343	do.	I. O. Baker.	do.	10 77
O 9344	do.	National Engraving Co.	Printing and publishing.	1 50
O 9345	do.	G. Creamer Dry Plate Co.	General supplies.	3 75
O 9346	do.	Hunter, Rourke & Co.	do.	6 10
O 9347	do.	A. N. Marquis & Co.	Books.	4 75
O 9348	do.	G. W. Sheldon & Co.	Freight and expenses.	29 08
O 9349	do.	Peck & Hills Furniture Co.	Furniture and fixtures.	62 60
O 9350	do.	Bausch & Lomb Optical Co.	Laboratory supplies.	21 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 9351	June 12	Central Electric Co. ....	Laboratory supplies.....	\$ 55 62
O 9352	..do..	Chester Horse Shoeing Co. ....	Field expense.....	17 50
O 9353	..do..	E. H. Sargent & Co. ....	Laboratory supplies.....	18 24
O 9354	..do..	J. D. White.....	Postage.....	332 40
O 9355	..do..	O. E. Staples, Bursar.....	Student labor.....	181 17
O 9356	..do..	O. E. Staples, Bursar.....	..do.....	137 98
O 9357	..do..	O. E. Staples, Bursar.....	General labor.....	138 00
O 9358	..do..	Chas. A. Strelinger Co. ....	Laboratory supplies.....	61 42
O 9359	..do..	O. S. Watkins.....	Traveling expenses.....	48 89
O 9360	..do..	Twin City Ice & Cold Storage Co. ....	General supplies.....	83 00
O 9361	..do..	G. C. Willis.....	..do.....	238 90
O 9362	..do..	D. H. Lloyd.....	Office equipment.....	4 70
O 9363	..do..	Eisner Grocery Co. ....	General supplies.....	4 41
O 9364	..do..	F. K. Robeson.....	..do.....	187 65
O 9365	..do..	S. E. Huff & Co. ....	..do.....	13 60
O 9366	..do..	W. W. Walls & Co. ....	..do.....	81 72
O 9367	..do..	C. A. Kiler.....	Building materials.....	93 09
O 9368	..do..	Underwood Typewriter Co. ....	Office equipment.....	3 20
O 9369	..do..	Standard Cap & Seal Co. ....	General supplies.....	40 75
O 9370	..do..	Barnhart Bros. ....	..do.....	5 94
O 9371	..do..	Indian Refining Co. ....	..do.....	45 06
O 9372	..do..	W. Lewis & Co. ....	..do.....	2 47
O 9373	..do..	J. C. Thomas.....	Laboratory supplies.....	7 05
O 9374	..do..	Champaign Seed Co. ....	Feeding stuff.....	124 90
O 9375	..do..	Champaign Steam Laundry.....	Laundry.....	112 16
O 9376	..do..	J. W. Dunlap.....	Machinery repairs.....	54 75
O 9377	..do..	The Creamery Package Co. ....	General supplies.....	12 80
O 9378	..do..	Keuffel & Esser Co. ....	Laboratory apparatus.....	43 22
O 9379	..do..	Bacon Brothers.....	Building materials.....	28 69
O 9380	..do..	U. of I. Supply Store.....	Furniture and fixtures.....	9 68
O 9381	..do..	Western Electric Co. ....	Office equipment.....	235 68
O 9382	..do..	John H. Doyle.....	Laboratory apparatus.....	8 67
O 9383	..do..	The Burr Co. ....	Apparatus repairs.....	50 48
O 9384	..do..	Taylor Hardware Co. ....	Laboratory apparatus.....	64 28
O 9385	..do..	Flanigan-Pearson Co. ....	Printing.....	59 95
O 9386	..do..	Osgood Co. ....	Printing and publishing.....	45 70
O 9387	..do..	F. M. Leslie.....	Furniture and fixtures.....	110 10
O 9388	..do..	Fuller & Fuller Co. ....	Laboratory apparatus.....	18 19
O 9389	..do..	Twin City Roofing Co. ....	General supplies.....	3 48
O 9390	..do..	W. J. Fraser.....	Traveling expenses.....	21 72
O 9391	..do..	Chas. A. Hall Hardware Co. ....	Building repairs.....	2 08
O 9392	..do..	Knowlton & Bennett.....	General supplies.....	1 45
O 9393	June 13	B. E. Powell.....	Traveling expenses.....	9 14
O 9394	..do..	A. N. Marquis & Co. ....	Books.....	4 75
O 9395	..do..	H. W. Smith.....	General supplies.....	25 00
O 9396	..do..	N. T. Pierce.....	..do.....	2 50
O 9397	..do..	Frank H. Vice & Co. ....	..do.....	46 00
O 9398	..do..	American Berkshire Assn.....	Entry fees.....	2 25
O 9399	..do..	The Adder Machine Co. ....	Office equipment.....	22 50
O 9400	..do..	J. T. Ryerson & Son.....	Laboratory supplies.....	19 76
O 9401	..do..	John P. Troy.....	General supplies.....	4 56
O 9402	..do..	James G. Biddle.....	Laboratory supplies.....	108 27
O 9403	..do..	L. L. Olds Seed Co. ....	General supplies.....	28 28
O 9404	..do..	Oldham Brothers.....	..do.....	1 05
O 9405	..do..	Burroughs Adding Machine Co. ....	Office supplies.....	2 16
O 9406	..do..	Vaughn Seed Store.....	General supplies.....	4 50
O 9407	..do..	Aztec Tennis Club.....	Machinery.....	400 00
O 9408	..do..	Geo. Murphy, Inc. ....	General supplies.....	14 00
O 9409	..do..	G. Cramer Plate Co. ....	..do.....	22 28
O 9410	..do..	Twin City Creamery Co. ....	Cafeteria supplies.....	35 36
O 9411	..do..	B. F. Stevenson & Son.....	..do.....	7 50
O 9412	..do..	Twin City Bindery & Book Co. ....	Office supplies.....	2 50
O 9413	..do..	Remington Typewr ter Co. ....	Office equipment.....	70 00
O 9414	..do..	Smith & Co. ....	Laboratory supplies.....	1 00
O 9415	..do..	A. C. McClurg & Co. ....	Office supplies.....	3 93
O 9416	..do..	Miller-Bryant-Pierce Co. ....	..do.....	16 66
O 9417	..do..	The Tablet & Ticket Co. ....	..do.....	1 35
O 9418	..do..	J. W. Butler Paper Co. ....	..do.....	51 18
O 9419	..do..	Eastern Moline Plow Co. ....	Machinery repairs.....	36 53
O 9420	June 15	Pittsburgh Electric Specialties Co. ....	Apparatus repairs.....	2 92
O 9421	..do..	Eisner Grocery Co. ....	General supplies.....	47 60
O 9422	..do..	Putnam-Page Co. ....	Office equipment.....	200 00
O 9423	..do..	James G. Biddle.....	Laboratory apparatus.....	61 99
O 9424	..do..	Lagonda Mfg. Co. ....	Machinery.....	83 30
O 9425	..do..	Sweet, Wallace & Co. ....	General supplies.....	14 48
O 9426	..do..	Geo. Murphy, Inc. ....	Apparatus.....	1 61
O 9427	..do..	Indianapolis Blue Print Co. ....	General supplies.....	3 43
O 9428	..do..	Chas. G. Willoughby.....	Apparatus repairs.....	2 00
O 9429	..do..	A. H. Barber Creamery Supply Co. ....	Laboratory apparatus.....	65 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 9430	June 15	Blanks Mfg. & Supply Co.	Laboratory apparatus.	\$ 253 75
O 9431	do.	Boerner Fry Co.	General supplies.	12 55
O 9432	do.	Warner-Jenkinson Co.	do.	20 00
O 9433	do.	Duparquet, Huot & Moneuse Co.	Laboratory apparatus.	259 75
O 9434	do.	Leavitt Mfg. Co.	General supplies.	1 38
O 9435	do.	The DeLevel Separator Co.	Laboratory apparatus.	420 00
O 9436	do.	S. A. Sandweger.	General supplies.	7 20
O 9437	do.	T. I. Killpatrick.	Machinery repairs.	6 40
O 9438	do.	Metzler & Schafer Co.	General supplies.	2 56
O 9439	do.	Meyer & Wenthe.	Incidentals.	2 00
O 9440	do.	J. M. Russell.	Field expense.	4 75
O 9441	do.	White Line Laundry.	Laundry.	82 05
O 9442	do.	T. P. Sifford.	Field expenses.	15 35
O 9443	do.	Monarch Electric & Wire Co.	General supplies.	722 22
O 9444	do.	Knowlton & Bennett.	do.	5 40
O 9445	do.	Eimer & Amend.	Laboratory supplies.	3 40
O 9446	do.	Oldham Brothers.	General supplies.	1 00
O 9447	do.	The Creamery Package Mfg. Co.	do.	6 25
O 9448	do.	John Wiley & Sons, Inc.	Books.	4 31
O 9449	do.	Chester Horse Shoeing Shop.	Field expenses.	12 00
O 9450	do.	Central Electric Co.	Laboratory supplies.	51 83
O 9451	do.	Julius Aussen.	Traveling expenses.	8 53
O 9452	do.	J. C. Howser.	do.	71 89
O 9453	do.	L. R. Lang.	do.	16 61
O 9454	do.	Harrison Fahrnkopf.	Field expenses.	13 97
O 9455	do.	C. W. Crabtree.	do.	62 41
O 9456	do.	A. L. Moats.	do.	32 05
O 9457	do.	F. H. Goodrich.	do.	33 85
O 9458	do.	Twin City Ice & Cold Storage Co.	General supplies.	66 00
O 9459	do.	Chester Dairy Supply Co.	Apparatus repairs.	12 61
O 9460	do.	W. Lewis & Co.	Laboratory supplies.	12 48
O 9461	do.	B. E. Spaulding.	General supplies.	4 59
O 9462	do.	S. E. Huff & Co.	do.	91 35
O 9463	do.	C. A. Kiler.	Furniture and fixtures.	43 65
O 9464	do.	Chas. A. Hall Hardware Co.	General supplies.	98 48
O 9465	do.	D. H. Lloyd.	do.	11 05
O 9466	do.	F. K. Robeson.	do.	23 75
O 9467	do.	Taylor Hardware Co.	do.	20 09
O 9468	do.	Western Electric Co.	Apparatus.	317 66
O 9469	do.	E. H. Sargent & Co.	Laboratory supplies.	93 75
O 9470	do.	The Chester Transfer Co.	Dray.	52 40
O 9471	do.	W. W. Walls & Co.	General supplies.	12 48
O 9472	June 16	R. C. Wagner & Son.	General labor.	158 32
O 9473	do.	Peck & Hills Furniture Co.	Furniture and fixtures.	8 82
O 9474	do.	Underwood Typewriter Co.	Rental.	3 00
O 9475	do.	Geuder, Paeschke & Frey Co.	General Supplies.	15 93
O 9476	do.	R. W. Dickenson.	Traveling expenses.	32 15
O 9477	do.	W. A. Ruth.	do.	14 80
O 9478	do.	A. J. Gunderson.	do.	21 78
O 9479	do.	A. R. Warnock.	do.	6 24
O 9480	do.	Eastern Moline Plow Co.	Machinery.	35 50
O 9481	do.	H. A. Hollister.	Traveling expenses.	14 97
O 9482	do.	Pay roll.	June, 1914.	4,026 56
		Hiskey, George M. (Student).	Salary, June, 1914.	\$ 45 00
		Krudwig, Edna.	do.	40 00
		Tracy, Grover.	do.	75 00
		Burmeister, W. H.	do.	166 66
		Dreyer, G. P.	do.	333 32
		Eycleshymer, A. C.	do.	416 66
		Fantus, Bernard.	do.	166 66
		Garnder, Stella.	do.	83 33
		Gehrman, Adolph.	do.	66 66
		Hakenson, Eric Gosta.	do.	30 00
		Haskell, J. E.	do.	50 00
		Jones, T. S.	do.	83 33
		Lincoln, Mary.	do.	50 00
		Miller, E. G.	do.	100 00
		Moore, J. J.	do.	125 00
		Rupert, R. R.	do.	166 66
		Small, J. C. (Student).	do.	50 00
		Welker, W. H.	do.	208 33
		Bartlett, Dr. Frank Kaiser.	do.	180 00
		Siegbahn, Nils.	do.	60 00
		Gaffney, Carl O.	do.	65 00
		Davis, D. J.	do.	416 66
		Falls, Frederick H.	do.	50 00
		Bake, L. E.	do.	66 66
		Bernard, F. S.	do.	40 00
		Coolidge, E. D.	do.	83 33

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 9482	June 1 <sup>st</sup>	Dittmar, Walter	Salary, June, 1914	\$ 99 99
Cid.		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, Dr. V. H.	do.	50 00
		Noyes, F. B.	do.	83 33
		Schultz, Louis	do.	33 33
		Starr, S. P.	do.	66 66
O 9483	..do....	Pay roll	June, 1914	\$ 337 50
		Langlier, W. F.	Salary, June, 1914	62 50
		Hieronymus, R. E.	do.	125 00
		Whitchurch, J. E.	do.	150 00
O 9484	..do....	C. E. Staples, Bursar	Student labor	104 00
O 9485	..do....	O. E. Staples, Bursar	do.	160 23
O 9486	..do....	O. E. Staples, Bursar	General labor	71 10
O 9487	..do....	Pay roll	June, 1914	1,140 00
		Arneson, Mabel	Salary, June, 1914	75 00
		Brown, W. H.	do.	250 00
		Cole, H. W.	do.	100 00
		Froberg, Eric	do.	75 00
		Hwasser, Anna Julia	do.	50 00
		Southwell, James	do.	115 00
		Tomlinson, J. S.	do.	125 00
		Allen, Josephine	do.	55 00
		Bolan, Anna R.	do.	60 00
		David, Eshoo	do.	50 00
		Loomis, Metta	do.	75 00
		Gubbins, Maud	do.	60 00
		David, Paul	do.	50 00
O 9488	..do....	Pay roll	June, 1914	\$50 00
		Heerman, Louise B.	Salary, June, 1914	50 00
O 9489	..do....	Pay roll	June, 1914	115 00
		Mullaney, Herbert	Wages, June, 1914	40 00
		Rehfeldt, Hubert F.	do.	40 00
		Schultz, Harry	do.	35 00
O 9490	..do....	Pay roll	June, 1914	490 00
		Tomek, Gertrude	Wages, June, 1914	60 00
		Solomon, Jacob	do.	50 00
		David, Simon	do.	50 00
		George, Ella	do.	50 00
		Kastanos, John	do.	50 00
		Watson, Ethel Eva	do.	50 00
		Drennan, Peter	do.	80 00
		Schmidt, Josef	do.	50 00
		Becker, Johann	do.	50 00
O 9491	..do....	Pay roll	June, 1914	50 00
		Davis, Vera	Salary, June, 1914	50 00
O 9492	..do....	Educator-Journal Co.	Advertising	6 75
O 9493	..do....	G. W. Sheldon & Co.	Freight	1 34
O 9494	..do....	H. Mueller Mfg. Co.	Building repairs	41 39
O 9495	..do....	Dallenbach Bros.	Laboratory supplies	3 52
O 9496	..do....	Jones & Laughlin Steel Co.	do.	2 07
O 9497	..do....	J. J. Gummershimer	Expert services	24 00
O 9498	..do....	J. M. Thompson & Co.	Cafeteria supplies	50 96
O 9499	..do....	J. T. Webster & Co.	do.	16 32
O 9500	..do....	E. H. Sargent & Co.	Laboratory apparatus	11 00
O 9501	..do....	Walker Vehicle Co.	General supplies	13 50
O 9502	..do....	R. C. Wagner & Son	General labor	10 00
O 9503	..do....	W. R. Bradley & Co.	Cafeteria supplies	2 95
O 9504	..do....	Eisner Grocery Co.	do.	72 08
O 9505	..do....	Charles H. Besly & Co.	Laboratory supplies	4 15
O 9506	..do....	The Schaeffer & Budenberg Mfg. Co.	Laboratory apparatus	19 80
O 9507	..do....	Weston Electric Instrument Co.	Apparatus repairs	5 49
O 9508	..do....	B. F. Perkins & Son	Laboratory apparatus	75 00
O 9509	..do....	James G. Biddle	Laboratory supplies	14 40
O 9510	..do....	Earthman Lumber Co.	Fencing	331 60
O 9511	..do....	Laclede-Christy Clay Products Co.	General supplies	14 50
O 9512	..do....	Elmer & Amend	Laboratory supplies	87 35
O 9513	..do....	J. W. Dunlap	Machine repairs	87 25
O 9514	..do....	Central Electric Co.	Telephone supplies	20 05
O 9515	..do....	Metzler & Schafer Co.	Laboratory supplies	112 81
O 9516	June 17	Ernst Hertzberg & Sons	Binding	383 64
O 9517	..do....	G. E. Stechert & Co.	Books	1,003 99
O 9518	..do....	John Reichard	Feeding stuff	259 35
O 9519	..do....	Fred H. Rankin	Traveling expenses	28 23
O 9520	..do....	Tice & Lynch	Freight and express	37 40
O 9521	..do....	G. W. Sheldon & Co.	do.	29 88

OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 9522	June 17	J. Fischer & Bro.	Books.	\$ 27 79
O 9523	..do.	N. J. Bartlett & Co.	..do.	13 34
O 9524	..do.	J. D. White.	Postage.	64 48
O 9525	..do.	McKendree College Press.	Incidentals.	2 50
O 9526	..do.	The Knox Student.	..do.	2 40
O 9527	..do.	Eureka College Pegasus.	..do.	2 00
O 9528	..do.	The Decaturian.	Advertising.	1 80
O 9529	..do.	R. W. Braithwaite.	Expert service.	4 00
O 9530	..do.	S. C. Wilson Co.	Field expense.	8 70
O 9531	..do.	N. T. Peirce.	..do.	6 35
O 9532	..do.	Dryer & Burt.	Feeding stuff.	204 12
O 9533	..do.	W. K. Mansfield.	Machine repairs.	5 60
O 9534	..do.	Mallinckrodt Chemical Works.	Laboratory supplies.	24 00
O 9535	..do.	C. C. Short.	Field expense.	4 50
O 9536	..do.	Putnam-Page Co.	Office equipment.	200 00
O 9537	..do.	Eugene Dietzgen Co.	Furniture and fixtures.	35 00
O 9538	..do.	Central Scientific Co.	Laboratory supplies.	1 00
O 9539	..do.	The Bruce Publishing Co.	Books.	6 00
O 9540	..do.	Bennetts Magazine Agency.	Magazines.	1 00
O 9541	..do.	The American Midland National.	Books.	1 50
O 9542	..do.	George Emery Littlefield.	..do.	81 16
O 9543	..do.	Chewers Book Binding Co.	Binding.	9 53
O 9544	..do.	The H. W. Wilson Co.	Books.	4 00
O 9545	..do.	Ritter & Flebbe.	..do.	77 68
O 9546	..do.	The Outlook Co.	General supplies.	3 00
O 9547	..do.	A. C. McClurg & Co.	Books.	5 20
O 9548	June 18	Clark Eichlbürger.	Traveling expenses.	9 56
O 9549	..do.	R. W. Dickenson.	..do.	28 76
O 9550	..do.	F. W. Wascher.	..do.	30 85
O 9551	..do.	J. E. Whitechurch.	Field expense.	33 92
O 9552	..do.	L. R. Lang.	Traveling expenses.	5 16
O 9553	..do.	Earl Garver.	..do.	18 09
O 9554	June 19	J. B. Andrews.	..do.	26 68
O 9555	..do.	Anso Co.	General supplies.	12 00
O 9556	..do.	American Contractor Publishing Co.	Incidentals.	6 00
O 9557	..do.	A. H. Barber Creamery Supply Co.	General supplies.	9 14
O 9558	..do.	D. H. Burrell & Co.	Laboratory apparatus.	15 00
O 9559	..do.	The Bulletin of Pharmacy.	Advertising.	7 50
O 9560	..do.	John C. Burmeister Printing Co.	Laboratory supplies.	51 50
O 9561	..do.	Chapin & Co.	Feeding stuff.	480 00
O 9562	..do.	Chester Horseshoeing Shop.	Field expense.	12 50
O 9563	..do.	W. C. Coffey.	Traveling expenses.	75 42
O 9564	..do.	J. L. Edmonds.	..do.	23 35
O 9565	..do.	Chicago Flexible Shaft Co.	Apparatus repairs.	1 35
O 9566	..do.	The College Rambler.	Incidentals.	4 00
O 9567	..do.	Eisner Grocery Co.	General supplies.	1 30
O 9568	..do.	The Engineering Magazine Co.	Subscription.	2 00
O 9569	..do.	Fuller & Fuller Co.	Laboratory supplies.	10 70
O 9570	..do.	H. A. Harding.	Traveling expenses.	103 65
O 9571	..do.	Kaffer Bros.	Farm machinery.	31 25
O 9572	..do.	The Letter Shop.	Clerical assistance.	2 25
O 9573	..do.	Henry F. Michell Co.	General supplies.	1 14
O 9574	..do.	C. A. Kiler.	..do.	2 00
O 9575	..do.	H. Mueller Mfg. Co.	..do.	33 00
O 9576	..do.	Pennsylvania Crusher Co.	Laboratory apparatus.	108 00
O 9577	..do.	General Electric Co.	..do.	40 06
O 9578	..do.	I. J. Lytle.	Farm machinery repairs.	2 00
O 9579	..do.	Rand McNally & Co.	Atlas.	4 10
O 9580	..do.	Universal Sales Co.	Office supplies.	4 56
O 9581	..do.	Neostyle Co.	..do.	5 36
O 9582	..do.	A. L. A. Publishing Board.	Catalog cards.	100 00
O 9583	..do.	Louden Machinery Co.	Farm machinery.	70 00
O 9584	..do.	Keuffel & Esser Co.	Office supplies.	13 80
O 9585	..do.	E. W. Sheets.	Traveling expenses.	3 00
O 9586	..do.	E. A. Holbrook.	..do.	9 14
O 9587	..do.	G. W. Sheldon & Co.	Freight and express.	3 55
O 9588	..do.	Standard Oil Co.	General supplies.	9 00
O 9589	..do.	T. W. Wood & Sons.	..do.	14 00
O 9590	..do.	J. D. White.	Postage.	300 00
O 9491	..do.	The Weis Mfg. Co.	Office supplies.	3 51
O 9592	..do.	Williams Bros.	Painting.	8 85
O 9593	..do.	John Wiley & Sons.	Books.	3 49
O 9594	..do.	Ward's Natural Science Establishment.	Museum specimens.	63 00
O 9595	..do.	Barnhart Bros.	General supplies.	13 07
O 9596	..do.	Bacon Bros.	..do.	8 90
O 9597	..do.	Central Electric Co.	Laboratory supplies.	56 34
O 9598	..do.	The Burr Co.	General supplies.	101 27
O 9599	..do.	John H. Doyle.	Building repairs.	20 29
O 9600	..do.	Flanigan-Pearson Co.	Printing and publishing.	475 75

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914.				
O 9601	June 19	Chas. A. Hall Hardware Co.	Mop sticks, bolts.	\$ 6 80
O 9602	do.	S. E. Huff & Co.	General supplies.	107 70
O 9603	do.	Irving-Pitt Mfg. Co.	Office supplies.	8 25
O 9604	do.	Louis Meland Co.	do.	1 69
O 9605	do.	Miller Harness Co.	Farm machinery.	71 35
O 9606	do.	J. W. Butler Paper Co.	Office supplies.	17 67
O 9607	do.	Percival & Moorehead.	General supplies.	12 39
O 9608	do.	F. K. Robeson.	do.	20 25
O 9609	do.	Henry Rahn.	Building repairs.	317 85
O 9610	do.	James G. Biddle.	Laboratory supplies.	12 42
O 9611	do.	Reliable Plumbing & Heating Co.	Plumbing.	21 55
O 9612	do.	Geo. Strode.	General supplies.	73 75
O 9613	do.	U. of I. Supply Store.	do.	29 70
O 9614	do.	Western Electric Co.	Office equipment.	30 16
O 9615	do.	Ernst Hertzberg & Sons.	Binding.	32 36
O 9616	do.	O. E. Staples, Bursar.	Student labor.	139 82
O 9617	do.	O. E. Staples, Bursar.	Clerical work.	155 20
O 9618	do.	O. E. Staples, Bursar.	General labor.	274 28
O 9619	do.	D. H. Newhall.	Books.	8 75
O 9620	do.	Hudson Book Co.	do.	7 50
O 9621	do.	Samuel N. Rhoads, Franklin Book Shop	do.	13 89
O 9622	June 22	The Elliott Co.	Office equipment.	26 00
O 9623	do.	Henry Holt & Co.	Books.	2 49
O 9624	do.	M. E. Jahr.	Traveling expenses.	7 25
O 9625	do.	F. A. Fisher.	do.	23 94
O 9626	do.	H. C. Wheeler.	do.	46 76
O 9627	do.	S. V. Holt.	do.	56 00
O 9628	do.	G. E. Gentile.	do.	20 98
O 9629	do.	A. F. Gustafson.	do.	19 01
O 9630	do.	G. W. Sheldon & Co.	Freight and express.	10 24
O 9631	do.	Emerson-Brantingham Implement Co.	do.	2 44
O 9632	do.	Dallenbach Bros.	Laboratory supplies.	1 50
O 9633	do.	The B. C. Ames Co.	Apparatus repairs.	3 08
O 9634	do.	D. Van Nostrand Co.	Books.	6 70
O 9635	do.	J. W. Dunlap.	General supplies.	22 75
O 9636	do.	Weil Brothers.	Tools.	2 23
O 9637	do.	Twin City Printing Co.	Printing.	36 00
O 9638	do.	D. H. Lloyd.	Laboratory apparatus.	38 75
O 9639	do.	Central Scientific Co.	Laboratory supplies.	9 70
O 9640	do.	American Hereford Journal.	Office supplies.	1 50
O 9641	do.	International Harvester Co.	General supplies.	1 54
O 9642	do.	William Bros.	Building repairs.	10 85
O 9643	do.	E. H. Sargent & Co.	Laboratory supplies.	16 80
O 9644	do.	Library Bureau.	Laboratory apparatus.	62 45
O 9645	do.	F. C. Jorgeson & Co.	Furniture and fixtures.	661 50
O 9646	do.	Flanigan-Pearson Co.	Printing.	165 39
O 9647	do.	Western Electric Co.	Office equipment.	60 77
O 9648	do.	American-German Boiler Comp. Co.	General supplies.	20 80
O 9649	do.	C. R. Killin.	do.	1 10
O 9650	do.	Ernst Leltz.	Laboratory supplies.	8 33
O 9651	do.	American Electric Supply Co.	Office equipment.	83 75
O 9652	do.	Hamblin Plumbing Co.	Apparatus repairs.	14 80
O 9653	do.	Marshall Field & Co.	General supplies.	9 60
O 9654	do.	Bennett Magazine Agency.	Books.	9 50
O 9655	do.	James Boswell.	Freight and express.	8 14
O 9656	do.	G. A. Garrison.	General labor.	157 50
O 9657	do.	Franz A. Aust.	Laboratory apparatus.	6 05
O 9658	do.	A. K. Chittenden.	Traveling expenses.	9 09
O 9659	do.	R. W. Braithwaite.	Expert services.	78 43
O 9660	do.	High School Life.	Advertising.	8 00
O 9661	do.	Stanton & Stanton.	General labor.	7 30
O 9662	do.	Driver-Harris Wire Co.	Laboratory supplies.	3 52
O 9663	do.	Berlin Aniline Works.	General supplies.	2 30
O 9664	do.	F. C. Jorgeson & Co.	Furniture and fixtures.	125 00
O 9665	do.	H. W. Johns-Manville Co.	do.	47 92
O 9666	do.	Elmer & Amend.	Laboratory supplies.	9 00
O 9667	do.	Bausch & Lomb Optical Co.	do.	12 50
O 9668	do.	W. F. Roberts Co.	Laboratory apparatus.	1 50
O 9669	do.	The Weis Mfg. Co.	Furniture and fixtures.	5 73
O 9670	do.	University Press.	Printing.	5 00
O 9671	do.	Work-Organizer Specialty Co.	Office supplies.	5 14
O 9672	do.	Brock Brothers.	Furniture and fixtures.	93 07
O 9673	do.	B. A. Strauch.	General supplies.	1 50
O 9674	do.	Jno B. Bennett.	Building materials.	2 10
O 9675	do.	Cunningham Bros.	General supplies.	2 20
O 9676	do.	Western Lumber Co.	Building materials.	11 91
O 9677	do.	A. J. Bartels.	Laboratory supplies.	8 80
O 9678	do.	Cameron, Amberg & Co.	Office supplies.	27 75
O 9679	do.	Barron Bros. Coal Co.	General supplies.	3 55

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
O 9680	June 22	Arthur Ochs.....	Laboratory supplies.....	\$ 24 00
O 9681	do.	Commonwealth-Edison Co.....	Electric service.....	139 20
O 9682	do.	Morrisson, Plummer & Co.....	Laboratory supplies.....	12 20
O 9683	do.	Maas Bros.....	General supplies.....	6 70
O 9684	do.	D. H. Lloyd.....	Office supplies.....	42 32
O 9685	do.	C. A. Kiler.....	Furniture and fixtures.....	35 10
O 9686	do.	Louis Meland Co.....	Office supplies.....	1 64
O 9687	do.	S. E. Dillavou.....	Machinery repairs.....	1 70
O 9688	do.	Weston Electric Instrument Co.....	Laboratory apparatus.....	129 95
O 9689	do.	Geo. Strode.....	General supplies.....	16 25
O 9690	do.	Flanigan-Pearson Co.....	Printing and publishing.....	436 76
O 9691	do.	Twin City Roofing Co.....	General supplies.....	73 83
O 9692	June 23	Reliable Plumbing & Heating Co.....	General supplies.....	14 39
O 9693	do.	Illinois State Reformatory.....	Printing.....	31 60
O 9694	do.	Knowlton & Bennett.....	General supplies.....	4 20
O 9695	do.	Barnhart Brothers.....	Fencing.....	19 21
O 9696	do.	Percival & Moorehead.....	General supplies.....	4 23
O 9697	do.	E. H. Sargent & Co.....	Laboratory supplies.....	16 35
O 9698	do.	Taylor Hardware Co.....	General supplies.....	9 60
O 9699	do.	Twin City Ice & Cold Storage Co.....	do.....	12 00
O 9700	do.	Ideal Electric Co.....	do.....	8 11
O 9701	do.	G. W. Sheldon & Co.....	Freight and express.....	135 45
O 9702	do.	The Leeds & Northrup Co.....	Laboratory apparatus.....	113 85
O 9703	June 24	E. S. Swigert.....	Piano tuning.....	14 50
O 9704	do.	W. F. Hardy.....	Machine repairs.....	2 00
O 9705	do.	Ward's Natural Science Establishment.....	Laboratory supplies.....	110 00
O 9706	do.	Illinois Glass Co.....	do.....	21 52
O 9707	do.	The Russell & Co.....	General supplies.....	11 34
O 9708	do.	Carlson & Anderson.....	Farm machinery.....	132 30
O 9709	do.	Huff Electrostatic Separator Co.....	Laboratory apparatus.....	1,200 00
O 9710	do.	International Harvester Co.....	Machine repairs.....	2 05
O 9711	do.	Simplex Time Recorder Co.....	Office supplies.....	4 53
O 9712	do.	Bausch & Lomb Optical Co.....	do.....	2 57
O 9713	do.	F. C. Jorgeson & Co.....	Furniture and fixtures.....	162 00
O 9714	do.	National Engraving Co.....	Zinc etchings.....	2 60
O 9715	do.	Friend Mfg. Co.....	Machinery repairs.....	3 40
O 9716	do.	Osgood Co.....	Printing and publishing.....	10 52
O 9717	do.	B. F. Stevenson & Son.....	Laboratory supplies.....	2 18
O 9718	do.	Walker & Mulliken.....	General supplies.....	1 50
O 9719	do.	Geo. B. Carpenter Co.....	do.....	20 72
O 9720	do.	Southern Illinois Penitentiary.....	Janitor's supplies.....	6 42
O 9721	do.	Silver Burdett & Co.....	General supplies.....	18 00
O 9722	do.	Central Electric Co.....	Laboratory supplies.....	2 89
O 9723	do.	C. H. Brownell.....	General supplies.....	265 00
O 9724	do.	O. M. Allyn.....	Traveling expenses.....	23 46
O 9725	do.	L. A. Hunter.....	do.....	4 44
O 9726	do.	Chas. A. Campbell.....	Traveling and field expenses.....	62 85
O 9727	do.	J. G. Mosier.....	Traveling expenses.....	10 10
O 9728	do.	C. C. Logan.....	do.....	27 74
O 9729	do.	Harrison Fahrnkopf.....	Traveling and field expenses.....	17 29
O 9730	do.	Twin City Printing Co.....	Office supplies.....	1 00
O 9731	do.	Bacon Bros.....	Laboratory supplies.....	6 00
O 9732	do.	Oldham Bros.....	General supplies.....	3 00
O 9733	do.	R. A. Stipes.....	Building material.....	9 90
O 9734	do.	Twin City Ice & Cold Storage Co.....	General supplies.....	24 00
O 9735	do.	E. H. Sargent & Co.....	Laboratory apparatus.....	101 00
O 9736	do.	Ulric Johnson.....	Field expenses.....	60 85
O 9737	do.	A. L. Moats.....	do.....	15 70
O 9738	do.	P. D. Long.....	do.....	35 00
O 9739	do.	T. V. Newsome.....	Farm buildings.....	26 00
O 9740	do.	Chris C. Jonson.....	Traveling expenses.....	3 83
O 9741	do.	F. M. Simpson.....	do.....	11 81
O 9742	do.	E. E. Hoskins.....	do.....	10 80
O 9743	do.	H. J. Snider.....	do.....	11 98
O 9744	do.	Harry C. Gilkerson.....	Traveling and field expenses.....	47 25
O 9745	do.	E. Van Alstine.....	Traveling expenses.....	10 47
O 9746	do.	L. R. Lang.....	do.....	18 35
O 9747	do.	J. T. Newsome.....	Traveling and field expenses.....	80 17
O 9748	do.	W. J. Carmichael.....	Traveling expenses.....	21 28
O 9749	do.	G. B. Rice.....	do.....	20 68
O 9750	do.	Jno. B. Bennett.....	Supplies.....	11 95
O 9751	do.	AnSCO Co.....	General supplies.....	17 18
O 9752	do.	Barnhart Brothers.....	do.....	2 52
O 9753	do.	Twin City Roofing Co.....	do.....	5 30
O 9754	do.	S. E. Dillavou.....	Farm machinery and repairs.....	130 90
O 9755	do.	John H. Doyle.....	General supplies.....	33 55
O 9756	do.	Stipes & Hecker.....	do.....	16 10
O 9757	do.	Flanigan-Pearson.....	Printing.....	53 45
O 9758	do.	F. K. Robeson.....	General supplies.....	122 33

OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—*Concluded.*

No.	Date.	To whom.	For what.	Amount.
	1914.			
○ 9759	June 24	Indian Refining Co.	General supplies.	\$ 12 97
○ 9760	..do.	The Burr Co.	..do.	20 86
○ 9761	..do.	The Western Electric Co.	..do.	377 45
○ 9762	..do.	O. E. Staples, Bursar.	Student labor.	202 37
○ 9763	..do.	O. E. Staples, Bursar.	General labor.	202 38
○ 9764	June 25	Walker & Mulliken.	General supplies.	1 00
○ 9765	..do.	E. M. Simpson.	..do.	1 00
○ 9766	..do.	C. A. Kiler.	Furniture and fixtures.	45 00
○ 9767	..do.	C. C. Logan.	Traveling expenses.	27 90
○ 9768	..do.	H. J. Snider.	Traveling and field expenses.	23 18
○ 9769	..do.	A. Floyd Heck.	Traveling expenses.	20 30

## BUILDINGS, LAND AND EQUIPMENT VOUCHERS.

		1913.			
C*	1a	Aug. 4	Pay roll		\$ 125 00
C	2	..do.	Pay roll		63 30
	3	Aug. 5	James S. McCullough	Purchase of land	48,000 00
	4	..do.	M. W. Bussey	..do	160,000 00
	5	..do.	George Douglass	..do	24,000 00
	6	..do.	American Contractor Publishing Co.	Advertising	3 00
	7	Sept. 4	Pay roll	(Student employees, temporary employees and employees on account of scientific and research work)	330 87
C	8	Sept. 5	F. C. Stechert Co.	Books	85 00
C	9	..do.	A. C. McClurg & Co.	..do	13 64
C	10	..do.	Automatic Electric Co.	Desk phone	12 50
C	11	..do.	Marshall Field & Co.	Linoleum	46 03
C	12	..do.	Golding Mfg. Co.	Card cutter	17 64
C	13	..do.	Library Bureau	Office equipment	35 50
C	14	..do.	G. E. Stechert & Co.	Books	298 89
C	15	Sept. 8	U. of I. Supply Store	Filing cabinet	25 00
C	16	..do.	Carson-Payson Co., Contractors	Plumbing	643 40
C	17	..do.	General Electric Co.	Electrical materials	153 51
C	18	Sept. 10	Ideal Ventilator Co.	Ventilators	17 50
C	19	..do.	American Clay Machinery Co.	Laboratory apparatus	500 00
C	20	..do.	Carson-Payson Co.	Plumbing	228 45
C	21	..do.	Leavitt Mfg. Co.	Building materials	116 80
C	22	Sept. 13	Henry N. Pell	Land	24,000 00
C	23	..do.	H. S. Capron	..do	7,063 10
C	24	..do.	S. P. Boonstra	Wages	10 50
C	25	..do.	English Bros., Contractor		3,317 15
C	26	Sept. 15	S. E. Huff & Co.	Building materials	80 50
C	27	..do.	W. H. Pearce & Co., Contractor	Heating	2,420 80
C	28	Sept. 16	Federal Steel Fixture Co.	Fixtures	201 78
C	29	..do.	Neola Elevator Co.	Material for experiment station barn	293 96
C	30	Sept. 17	Chas. J. Welch	Constructing concrete foundation for silo	62 00
C	31	..do.	Eugene Dietzgen Co.	Drawing tables	43 20
C	32	..do.	Browne-Morse Co.	Office equipment	94 00
C	33	Sept. 18	Frank A. Hawley, Contractor	Concrete work	1,200 00
C	34	..do.	Peck & Hills Furniture Co.	Desk	35 00
C	35	Sept. 12	O. E. Staples, Bursar	Pay roll paid in cash	25 00
C	36	..do.	Peck & Hills Furniture Co.	Table	14 00
C	37	..do.	Frank A. Somers	Concrete work	54 00
C	38	..do.	E. H. Sargent & Co.	Laboratory apparatus	150 00
C	39	..do.	Peck & Hills Furniture Co.	Typewriter desk	30 25
C	40	..do.	Shaw-Walker Co.	Office equipment	24 80
C	41	Sept. 18	U. of I. Supply Store	Office equipment	270 23
C	42	..do.	The Bourne-Fuller Co.	Plumbing materials	1,324 00
C	43	Sept. 19	Automatic Electric Co.	..do	27 50
C	44	..do.	The Sneed & Co; Iron Works	Bookstack material	1,558 20
C	45	Sept. 22	Pay roll	(Civil Service employees	150 00
C	46	Sept. 24	Burt, Paul	Salary, September, 1913 \$150 00	
C	47	Sept. 24	Peck & Hills Furniture Co.	Desk	32 00
C	48	..do.	The Leeds & Northrup Co.	Laboratory apparatus	209 80
C	49	..do.	Mittendorf & Klier	Office equipment	47 25
C	50	Sept. 27	Hunter, Rourke & Co.	Building materials	75 85
C	51	..do.	Leavitt Mfg. Co.	..do	11 22
C	52	..do.	Automatic Electric Co.	Phone	12 50
C	53	..do.	Sneed & Co., Iron Works	Metal bookstacks	896 00

\* For C1 see operation, maintenance and equipment No. 98.



## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1913.				
C 53	Sept. 27	The Powers Regulator Co.	Temperature regulator.	\$ 1,294 85
54	Sept. 30	Frank L. Patterson & Co.	Machinery.	727 68
55	do	Crane Co.	Plumbing.	340 38
56	do	Harris-Dillavou & Co.	Building materials.	5 00
57	do	Kewaunee Mfg. Co.	Adjustable swinging stools.	56 10
58	do	G. E. Stechert & Co.	Books.	6 05
59	Oct. 3	W. H. Pearce & Co.	Contracts.	10,914 00
60	do	The Weis Mfg. Co.	Office equipment.	38 40
61	do	G. E. Stechert & Co.	Books.	73 60
62	do	Joseph Baer & Co.	do.	1 15
63	do	Max Weg.	do.	4 25
64	do	Otto Lange.	do.	18 48
65	do	C. J. Welch.	Concrete work.	168 62
66	Oct. 6	A. L. Huffman, Contractor.	Labor and field expenses.	103 85
67	do	Walker & Mulliken.	Linoleum.	42 57
68	do	Peck & Hills Furniture Co.	Chair.	8 75
69	do	C. H. Brownell.	Building materials.	200 00
70	do	C. P. Burnett & Sons Co.	New barn.	273 30
71	do	Rand, McNally & Co.	Laboratory apparatus.	85 60
72	do	Walker & Mulliken.	Office equipment.	32 40
73	do	Shaw-Walker Co.	do.	22 00
74	do	D. Osborn, Contractor.	Sheep shed.	637 50
C 75	do	Pay roll.	(Employees under civil service)	58 55
		Boomstra, S. P.	Wages, September, 1913	\$34 30
		Furukawa, S.	do.	24 25
C 76	Oct. 6	Pay roll.	(Employees under civil service)	42 90
		Bevis, A.	Wages, September, 1913	\$42 90
C 77	Oct. 8	Jno. B. Bennett.	Brick pump pit.	71 71
78	do	Leavitt Mfg. Co.	Frame for pump pit.	11 00
79	do	Taylor Hardware Co.	Building materials.	1 35
80	do	Walker & Mulliken.	Hall tree.	6 75
81	do	S. E. Huff & Co.	Building materials.	13 65
82	do	W. M. Crilley Co., Contractors.	Carpenter work.	1,600 00
83	Oct. 9	Alexander Lumber Co.	Building materials.	42 95
84	do	Central Electric Co.	Electrical materials.	159 26
85	Oct. 10	The Burr Co.	Building materials.	24 13
86	do	Central Electric Co.	Electrical materials.	24 91
87	do	Library Bureau.	Office equipment.	107 00
88	do	Automatic Electric Co.	Telephones.	37 50
89	do	S. E. Huff & Co.	Building materials.	7 45
90	do	Crane Co.	Plumbing.	48 30
91	do	Taylor Hardware Co.	Building materials.	16 33
92	do	Alexander Lumber Co.	Lumber.	2 95
93	do	Flat Iron Store Co.	Linoleum.	13 00
94	do	Kewaunee Mfg. Co.	Laboratory apparatus.	154 80
95	do	English Brothers.	Building materials.	262 50
96	do	James B. Clow & Sons.	Plumbing.	9 97
97	do	Kirkham-Mattson Co.	Table tops.	47 00
98	do	Western Electric Co.	Electrical supplies.	52 49
99	do	Weston Electric Instrument Co.	Laboratory apparatus.	80 00
100	do	Schellenger Fruit Sorting Machine Co.	do.	186 26
101	do	W. W. Walls & Co.	Building materials.	19 50
102	do	Hunter, Rourke & Co.	do.	3 24
103	do	The John M. Rogers Works.	Laboratory apparatus.	128 15
104	do	Federal Sign System.	Electrical materials.	29 35
105	do	Ernst Leitz.	Laboratory apparatus.	367 60
106	do	C. A. Denman.	Painting.	118 70
107	do	The Bourne-Fuller Co.	Plumbing.	1,013 90
108	do	Ideal Ventilator Co.	Ideal ventilator.	3 50
109	do	General Acoustic Co.	Office equipment.	60 00
110	do	Fuller & Fuller Co.	Laboratory apparatus.	64 80
111	do	O. E. Staples, Bursar.	Students paid in cash.	24 18
112	Oct. 13	Federal Sign System.	Electrical materials.	12 38
113	Oct. 14	A. C. McClurg & Co.	Books.	40 80
114	do	G. E. Stechert & Co.	do.	713 87
115	do	Paul Gottschalk.	do.	158 01
116	do	Librairie Armand Colin.	do.	111 45
117	do	Dulau & Co.	do.	26 60
118	do	Joseph Baer & Co.	do.	5 40
119	do	Wm. Thomson.	do.	20 20
120	Oct. 16	G. W. Pickels.	Pay roll.	100 75
121	do	David Lupton's Sons Co.	Building materials.	83 50
122	do	Weston Electric Co.	Electrical materials.	1,800 00
123	do	Peck & Hills Furniture Co.	Furniture.	4 75
124	do	James B. Clow & Sons.	Plumbing.	26 36
125	do	L. C. Smith & Bros. Typewriter Co.	Office equipment.	27 50
126	do	Mittendorf & Klier.	Linoleum and carpet.	193 39
127	do	Pittsburgh Plate Glass Co.	Building materials.	9 00
C 128	Oct. 17	Herring-Hall-Marvin Sage Co.	Safe.	75 00

## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1913.				
C 129	Oct. 17	Atlas School Supply Co.	Supplies.	\$ 21 96
C 130	Oct. 18	A. C. McClurg & Co.	Books.	4 91
C 131	do.	G. E. Stechert & Co.	do.	151 80
C 132	do.	L. Wolff Mfg. Co.	Plumbing.	48 30
C 133	do.	Alexander Lumber Co.	Lumber.	14 15
C 134	do.	Western Gas Fixture Co.	Electrical materials.	245 67
C 135	do.	General Electric Co.	Laboratory apparatus.	82 00
C 136	do.	T. H. Flood & Co.	Books.	12 00
C 137	do.	Pay roll.		150 00
		Burt, Paul.	Salary, October, 1913.	\$150 00
C 138	Oct. 20	Howard C. Augustus.	Purchase of land.	20,000 00
C 139	do.	Universal Floor Co.	Labor and material.	325 00
C 140	do.	Mittendorf & Kiler.	Furniture.	37 80
C 141	do.	Walker & Mulliken.	do.	105 80
C 142	do.	Jno. B. Bennett.	Labor and material.	921 06
C 143	do.	G. E. Stechert & Co.	Books.	16 27
C 144	do.	S. S. White Dental Mfg. Co.	Chairs, engines, etc.	6,250 00
C 145	do.	Chicago Pump Co.	Air compressor, etc.	148 00
C 146	do.	Western Kieley Steam Specialty Co.	Plumbing materials.	39 60
C 147	do.	Peoria Stone & Marble Works.	Building materials.	2,963 00
C 148	do.	W. M. Simpson Lumber Co.	Lumber.	74 70
C 149	do.	Peck & Hills Furniture Co.	Chairs.	7 00
C 150	do.	Crane Co.	Plumbing materials.	470 05
C 151	do.	Alexander Lumber Co.	Lumber.	8 58
C 152	Oct. 21	The C., C., C. & St. L. Ry. Co.	Freight.	37 21
C 153	Oct. 22	W. E. Braden Lumber Co.	Lumber.	288 19
C 154	do.	Art Metal Construction Co.	Omnibuses.	147 00
C 155	do.	Peck & Hills Furniture Co.	Desk, files.	44 00
C 156	do.	Automatic Electric Co.	Equipment.	40 00
C 157	Oct. 23	Albert H. Hull.	Purchase of land.	10,757 67
C 158	do.	Harry D. Lytle.	do.	2,715 23
C 159	do.	Laura L. Barbour.	do.	1,870 27
C 160	do.	Chas. H. Lemon & Chas. W. Walcott.	do.	650 00
C 161	do.	Minnie May Cribbet.	do.	1,458 29
C 162	do.	James A. Hamlin.	do.	3,474 75
C 163	do.	William Chester Maguire.	do.	851 77
C 164	do.	Chas. H. Lemon & Chas. W. Walcott.	do.	800 00
C 165	do.	Chas. H. Lemon & Chas. W. Walcott.	do.	3,000 00
C 166	do.	Nora Chapin.	do.	1,534 74
C 167	do.	Harry D. Lytle.	do.	1,097 17
C 168	do.	George O. Shafer.	do.	605 07
C 169	do.	P. J. Foley.	Payment on contract.	3,651 27
C 170	Oct. 24	Karl W. Hiersemann.	Books and binding.	2,027 63
C 171	do.	Otto Harrassowitz.	Books.	792 20
C 172	do.	William Wesley & Son.	do.	6 39
C 173	do.	Henry Stevens, Son & Stiles.	do.	11 69
C 174	do.	Alphonse Picard & Fils.	Book.	75
C 175	do.	W. Heffer & Sons.	do.	2 68
C 176	do.	Dultz & Co.	Books.	2 53
C 177	do.	Joseph Baer & Co.	do.	1 54
C 178	do.	N. W. Damm & Son.	do.	3 12
C 179	do.	The Globe-Wernicke Co.	Unfiles.	32 00
C 180	do.	Walker & Mulliken.	Chair, glass.	18 25
C 181	do.	Mittendorf & Kiler.	Shades.	25 00
C 182	do.	Illinois State Penitentiary.	Table.	18 00
C 183	do.	G. E. Stechert & Co.	Book.	1 75
C 184	do.	Walker & Mulliken.	Chairs.	36 00
C 185	do.	Remington Typewriter Co.	Typewriter.	60 00
C 186	do.	The Clay Product Co.	Conduit.	696 20
C 187	do.	American Seating Co.	Chairs.	605 28
C 188	do.	J. F. Auld.	Labor and material.	394 80
C 189	do.	Peoria Stone & Marble Works.	Marble work.	203 00
C 190	do.	Reliable Plumbing & Heating Co.	Flush valves.	48 38
C 191	do.	Underwood Typewriter Co.	Typewriter.	71 75
C 192	do.	The Toledo Metal Furniture Co.	Typewriter Cabinet.	15 00
C 193	do.	Alexander Lumber Co.	Lumber.	23 95
C 194	do.	Peck & Hills Furniture Co.	Desk.	79 50
C 195	Oct. 27	Peck & Hills Furniture Co.	Chair.	6 75
C 196	do.	Percival & Moorehead.	Filing cabinet.	7 25
C 197	do.	S. E. Huff & Co.	Lumber.	88 80
C 198	do.	W. M. Crilly Co.	Payment on contract.	1,761 00
C 199	do.	The Theodor Kundtz Co.	Pedestals.	132 75
C 200	do.	Marshall Field & Co.	Tables, desks.	396 41
C 201	do.	General Electric Co.	Laboratory apparatus.	396 01
C 202	do.	Taylor Hardware Co.	Supplies.	4 35
C 203	do.	Federal Sign System.	Fixtures.	16 26
C 204	do.	Westinghouse Electric & Mfg. Co.	Laboratory apparatus.	401 37

BUILDINGS, LAND AND EQUIPMENT VOUCHERS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
	1913.			
C 205	Oct. 27	Hospital Supply Co.	Sterilizers	\$ 352 50
C 206	..do..	Jno. B. Bennett	Labor and material	16 14
C 207	..do..	James B. Clow & Sons	Plumbing materials	84 72
C 208	..do..	The Burr Co.	Foundry work	3 68
C 209	..do..	The Toledo Metal Furniture Co.	Typewriter cabinet	15 00
C 210	..do..	O. E. Staples, Bursar	General labor	150 35
C 211	..do..	Champaign & Urbana Water Co.	Pipe	25 47
C 212	..do..	Charles Engelhard	Galvanometer	62 00
C 213	..do..	Powers Regulator Co.	Regulators	80 00
C 214	..do..	Library Bureau	Cabinet	21 00
C 215	..do..	Inland Supply Co.	Laboratory apparatus	305 08
C 216	..do..	Myrta Clark	Purchase of land	4,805 66
C 217	..do..	E. P. Little, Trustee	..do..	2,210 43
C 218	..do..	Lerton D. Jones	..do..	2,595 67
C 219	Oct. 28	Illinois Trust & Savings Bank	Part payment on land	1,219 60
C 220	Oct. 30	Frank Henson	Purchase of land	6,800 00
C 221	..do..	Freeman & Sweet Co.	Electrical work, payment on contract	1,133 00
C 222	..do..	Theodor Kundtz	Chairs	843 75
C 223	..do..	Peck & Hills Furniture Co.	Chair	8 75
C 224	..do..	Portable Elevator Mfg. Co.	Payment of contract	150 00
C 225	..do..	The Shaw-Walker Co.	Files	12 40
C 226	..do..	C. J. Welch	Concrete floor	14 50
C 227	..do..	A. C. McClurg & Co.	Books	68 44
C 228	..do..	G. E. Stechert & Co.	..do..	16 01
C 229	..do..	The Sneed & Co. Iron Works	Bookstacks	1,887 00
C 230	Nov. 1	Dravo-Doyle Co.	Electric motor pump	755 36
C 231	Nov. 5	Pay roll		428 40
		Hooker, Fred	Wages, October, 1913	\$52 20
		Booker, A. J.	..do..	91 60
		Sandwell, Martin	..do..	97 20
		Gassett, LeRoy B.	..do..	54 40
		Crawford, R. W.	..do..	53 80
		James, L. E.	..do..	53 20
		Robertson, Maurice Glen	..do..	20 00
		Gundlock, Chas.	..do..	6 00
C 232	..do..	Andrew F. Fay	Payment on lot	2,020 33
C 233	..do..	John Harp	Grading	255 90
C 234	..do..	F. A. Hawley	Payment on contract	347 00
C 235	..do..	W. H. Pearce & Co.	..do..	16,095 00
C 236	..do..	A. Francke	Specimens	243 85
C 237	..do..	The Sneed & Co. Iron Works	Bookstacks, etc	331 00
C 238	Nov. 7	U. S. Cast Iron Pipe & Foundry Co.	Piping	540 29
C 239	..do..	Mittendorf & Kiler	Cabinets	38 25
C 240	..do..	The Burr Co.	Support for shafting	51 00
C 241	..do..	Frank P. Lane	Loom	45 00
C 242	..do..	Westinghouse Electric & Mfg. Co.	Laboratory apparatus	31 70
C 243	..do..	Automatic Electric Co.	Office equipment	27 50
C 244	..do..	McIntosh Stereopticon Co.	Laboratory apparatus	53 73
C 245	..do..	E. H. Sargent & Co.	..do..	75 00
C 246	..do..	H. P. Wilson	Book	2 25
C 247	..do..	James G. Biddle	Laboratory apparatus	264 58
C 248	..do..	Crane Co.	Pipe, gaskets	73 87
C 249	..do..	McGraw-Hill Book Co.	Books	6 80
C 250	..do..	The H. W. Wilson Co.	..do..	21 20
C 251	..do..	The Sneed & Co. Iron Works	Bookstacks, shelves	50 00
C 252	..do..	Yawman & Erbe Mfg. Co.	Files	46 00
C 253	..do..	The U. of I. Supply Store	Typewriter, etc	53 50
C 254	..do..	G. E. Stechert & Co.	Books	249 53
C 255	..do..	A. C. McClurg & Co.	..do..	71 91
C 256	..do..	Hunter, Rourke & Co.	Lumber, etc	119 54
C 257	..do..	S. E. Huff & Co.	Lumber	10 35
C 258	Nov. 8	Smith-Totman, Peop	Payment on contract	1,000 00
C 259	..do..	A. W. Stoolman	..do..	1,351 99
C 260	Nov. 10	First Trust and Savings Bank	Payment on land	2,612 50
C 261	Nov. 13	Burt, Paul	Salary, November, 1913	150 00
C 262	Nov. 14	Bereline & Orr	Pro rata payment	2,287 57
C 263	..do..	Burr Co.	..do..	28 42
C 264	..do..	Sheldon Brick Co.	..do..	28 84
C 265	..do..	Alexander Lumber Co.	..do..	1,937 33
C 266	..do..	Champaign & Urbana Water Co.	..do..	12 08
C 267	..do..	Williams Brothers	..do..	66 78
C 268	Nov. 15	English Brothers	Payment on contract	2,365 35
C 269	..do..	The Burr Co.	Spiral stairway	95 00
C 270	..do..	Carson-Payson Co.	Payment on contract	1,500 00
C 271	..do..	O. E. Staples, Bursar	Student labor	29 40
C 272	..do..	Nollau & Wolff Mfg. Co.	Laboratory apparatus	1,240 00
C 273	..do..	L. B. King	Payment on contract	1,275 00
C 274	..do..	D. Osborn	..do..	111 10

## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
C 275	Nov. 15	J. W. Swartz	Payment on contract	\$ 562 70
C 276	Nov. 22	English Brothers	do.	6,000 00
C 277	do.	M. J. Corboy Co.	do.	1,700 00
C 278	do.	M. S. Parks	do.	262 93
C 279	do.	Citizens Building Assn of Urbana	do.	575 72
C 280	Nov. 24	Citizens Sate Bank	Payment on lot	772 50
C 281	Nov. 26	Peck & Hills Furniture Co.	Table, chairs	22 20
C 282	do.	Federal Sign System	Electric fixtures	11 91
C 283	do.	Inner Braced Furniture Co.	Furniture	51 84
C 284	do.	Stromberg Carlson Telephone Mfg. Co.	Telephone apparatus	434 95
C 285	do.	Alberene Stone Co.	Stone tops	233 27
C 286	do.	G. W. Prutsman & Co.	Payment on contract	4,080 00
C 287	Nov. 29	Gallaher & Speck	Labor, material	1,090 25
C 288	do.	The Burr Co.	Iron and steel	115 00
C 289	Dec. 5	Pay roll	(Employees under civil service)	
			November, 1913	1,117 38
		Carrick, Oland William	Wages, November, 1913	\$ 24 00
		Dunseth, C. A.	do.	82 80
		Gray, William J.	do.	35 60
		Gundlock, Charles	do.	15 67
		Hickey, J. B.	do.	61 25
		Higgins, Harry	do.	99 75
		Heinz, L. T.	do.	48 80
		Johnson, Guy Thomas	do.	31 80
		Kirby, Clyde Collins	do.	32 20
		Langhoff, William	do.	52 44
		Long, R. Roy	do.	45 50
		Robbins, Gilbert	do.	48 20
		Simerl, M. A.	do.	22 60
		Snyder, T. B.	do.	47 20
		Speedie A. C.	do.	62 40
		Stipes, George	do.	40 50
		VanGundy, Harvey	do.	6 00
		Wilson, Wesley	do.	86 40
		Wright, Amos	do.	81 20
		Bevis, A.	do.	137 50
		Downing, H.	do.	55 57
C 290	do.	Paul Burt	Salary, December, 1913	150 00
C 291	Dec. 9	S. E. Huff & Co.	Lumber	16 70
C 292	do.	The Reliable Plumbing & Heating Co.	Plumbing contract	400 61
C 293	do.	J. W. Swartz	Payment on contract	117 38
C 294	do.	W. H. Pearce & Co.	do.	858 20
C 295	do.	Wolverine Mfg. Co.	Tables	20 40
C 296	do.	Peck & Hills Furniture Co.	Book sections	49 70
C 297	do.	Illinois State Penitentiary	Stools	12 00
C 298	do.	Urbana & Champaign Ry., Gas & Electric Co.	Gas range	75 00
C 299	do.	W. Lewis & Co.	Rugs	63 50
C 300	do.	Bryan-Marsh Electric Works	Lamps	74 55
C 301	do.	Spray Engineering Co.	Piping	65 80
C 302	do.	Central Electric Co.	Electric materials	2 50
C 303	do.	Reliable Plumbing & Heating Co.	Plumbing materials	49 50
C 304	do.	H. W. Johns-Manville Co.	Plumbing materials	321 77
C 305	do.	Bacon Bros.	Glass	1 85
C 306	do.	Nollau & Wolff Mfg. Co.	Furniture	982 00
C 307	do.	H. W. Johns-Manville Co.	Asbestos board	181 54
C 308	do.	Field & Shorb	Plumbing materials	49 96
C 309	do.	Crane Co.	do.	135 33
C 310	do.	Taylor Hardware Co.	Locks, bolts, etc.	8 37
C 311	do.	The Burr Co.	Foundry work	44 14
C 312	do.	Federal Steel Fixture Co.	Steel shelving	377 92
C 313	do.	Alexander Lumber Co.	Lumber, plaster board	103 78
C 314	do.	Mittendorf & Kiler	Rugs, etc.	126 03
C 315	do.	John B. Bennett	Drains	178 40
C 316	do.	Hunter, Rourke & Co.	Building materials	7 08
C 317	do.	John B. Bennett	Cement	94 52
C 318	do.	English Bros.	Building contract	4,947 92
C 319	do.	Peck & Hills Furniture Co.	Supplies	26 00
C 320	do.	The Shaw-Walker Co.	Office equipment	65 64
C 321	do.	Western Valve Co.	Plumbing	36 10
C 322	do.	Leavitt Mfg. Co.	Railing	47 65
C 323	do.	U. S. Cast Iron Pipe & Foundry Co.	Piping	434 16
C 324	do.	Chas. H. Lemon & Chas. W. Walcott	Commission	681 75
C 325	do.	Chas. H. Lemon & Chas. W. Walcott	do.	397 00
C 326	do.	O. B. Staples, Bursar	Student labor	11 38
C 327	Dec. 12	Crane Co.	Plumbing material	94 35
C 328	do.	U. of I. Supply Store	Office equipment	83 00
C 329	do.	Peck & Hills Furniture Co.	Office supplies	146 00
C 330	do.	Walker & Mulliken	President's house	77 00

## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
C 331	Dec. 12	The Shaw-Walker Co.....	Office equipment.....	\$ 43 20
C 332	..do..	Browne-Morse Co.....	..do..	50 40
C 333	..do..	Sturtevant Mill Co.....	Machinery and apparatus.....	50 00
C 334	..do..	General Electric Co.....	Apparatus.....	106 30
C 335	..do..	The Inner Braced Furniture Co.....	Desk.....	9 45
C 336	..do..	The Burr Co.....	Building material.....	19 00
C 337	..do..	Freeman & Brooks.....	Building contract.....	42 16
C 338	..do..	F. P. Smith Wire & Iron Works.....	..do..	483 26
C 339	..do..	D. Osborn.....	..do..	900 00
C 340	Dec. 18	Peck & Hills Furniture Co.....	Furniture and fixtures.....	38 00
C 341	..do..	James B. Clow & Sons.....	Plumbing.....	41 37
C 342	..do..	The Burr Co.....	Piping.....	34 50
C 343	..do..	American Radiator Co.....	Plumbing.....	67 52
C 344	..do..	Mittendorf & Kiler.....	Furniture and fixtures.....	22 20
C 345	..do..	Peck & Hills Furniture Co.....	..do..	4 17
C 346	..do..	Louden Machinery Co.....	Farm machinery.....	28 95
C 347	..do..	J. B. Bennett.....	Building contract.....	70 00
C 348	..do..	American Blower Co.....	Ventilation apparatus.....	66 35
C 349	..do..	Automatic Electric Co.....	Telephone apparatus.....	12 50
C 350	..do..	Inner Braced Furniture Co.....	Furniture and fixtures.....	38 07
C 351	..do..	Twin City Roofing Co.....	Labor.....	41 00
C 352	..do..	U. S. Reduction Co.....	Plumbing.....	94 32
C 353	..do..	McMaster-Carr Supply Co.....	Traveling expenses.....	27 30
C 354	..do..	James H. Rice Co.....	Building materials.....	19 20
C 355	..do..	Freeman-Sweet Co.....	Building contract.....	534 96
C 356	..do..	C. C. C. & St. L. R. R.....	Freight.....	1 36
C 357	..do..	Automatic Electric Co.....	Office equipment.....	27 50
C 358	..do..	Eugene Dietzen Co.....	Laboratory apparatus.....	50 40
C 359	..do..	Peck & Hills Furniture Co.....	Furniture and fixtures.....	8 50
C 360	..do..	General Electric Co.....	Laboratory apparatus.....	37 00
C 361	..do..	H. Mueller Mfg. Co.....	Building contract.....	33 00
C 362	..do..	Freeman-Sweet Co.....	Laboratory apparatus.....	150 53
C 363	..do..	Davis & Kreeger.....	Building contract.....	4, 133 33
C 364	Dec. 17	O. E. Staples, Bursar.....	Freight and express.....	5 40
C 365	Dec. 19	F. A. Hawley.....	Building contract.....	700 00
C 366	..do..	The Swartz Electric Co.....	..do..	680 00
C 367	..do..	Morava Construction Co.....	..do..	20, 400 00
C 368	..do..	Mittendorf & Kiler.....	Office equipment.....	35 63
C 369	..do..	Durand Steel Looker Co.....	Furniture and fixtures.....	28 00
C 370	..do..	Narragansett Machine Co.....	..do..	350 00
C 371	..do..	McIntosh Stereopticon Co.....	Laboratory apparatus.....	59 50
C 372	..do..	U. of I. Supply Store.....	Office equipment.....	148 28
C 373	..do..	The Burr Co.....	Building materials.....	2 35
C 374	..do..	C. A. Denman.....	Painting.....	84 75
C 375	..do..	Peck & Hills Furniture Co.....	Furniture and fixtures.....	51 21
C 376	..do..	Alexander Lumber Co.....	Building materials.....	486 00
C 377	..do..	Walker & Mulliken.....	Furniture and fixtures.....	179 90
C 378	..do..	James P. Marsh & Co.....	Plumbing.....	62 50
C 379	..do..	H. Mueller Mfg. Co.....	..do..	66 00
C 380	Dec. 20	C. A. Denman.....	Painting.....	116 50
C 381	..do..	Alexander Lumber Co.....	Building materials.....	83 48
C 382	..do..	Nollau & Wolff Mfg. Co.....	Building contract.....	81 00
C 383	..do..	Scheidel-Western X-Ray Coil Co.....	Laboratory apparatus.....	1, 663 00
C 384	..do..	Snook-Roentgen Mfg. Co.....	..do..	950 00
C 385	..do..	James B. Clow & Sons.....	Piping.....	19 47
C 386	..do..	A. M. Byers Co.....	Pipe nipples.....	75 00
C 387	..do..	Albert B. Gray, Special Collector.....	Paving taxes.....	1, 182 89
C 388	..do..	O. E. Staples, Bursar.....	Student labor.....	20 01
C 389	..do..	The Carson-Payson Co.....	Piping.....	38 45
C 390	..do..	Central Supply Co.....	Valve.....	64 55
C 391	..do..	Peck & Hills Furniture Co.....	Desk.....	6 50
C 392	..do..	Champaign County Abstract Co.....	Abstracts.....	74 55
C 393	Dec. 26	O. E. Staples, Bursar.....	General labor.....	18 25
C 394	Dec. 30	Library Bureau.....	Desk and cabinets.....	621 25
C 395	..do..	The Field & Shorb.....	Plumbing.....	177 33
C 396	..do..	Peck & Hills Furniture Co.....	Stools.....	2 70
C 397	..do..	Illinois State Penitentiary.....	Table, chairs.....	21 34
C 398	..do..	A. E. Keys.....	Labor, material.....	76 30
C 399	..do..	Federal Sign System Co.....	Fixtures.....	19 65
C 400	..do..	Economy Drawing Table Co.....	Filing case.....	56 03
C 401	..do..	D. M. Sims.....	Grading.....	346 75
C 402	..do..	Automatic Electric Co.....	Telephone apparatus.....	27 50
C 403	..do..	Crane Co.....	Plumbing materials.....	2 46
C 404	..do..	Holder Hardware Co.....	Tile, cement.....	39 95
C 405	..do..	Western Gas Fixture Co.....	Electric materials.....	40 72
C 406	..do..	Smith-Potman Co.....	Tunnel extension.....	70 35
C 407	..do..	Wabash R. R. Co.....	Freight.....	170 44
C 408	..do..	S. E. Huff & Co.....	Lumber.....	16 70
C 409	Dec. 31	Mrs. Sarah McGlaughlin.....	Mortgage.....	255 00

## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
C 410	Dec. 31	The Burr Co.	Piping.	\$ 11 00
C 411	..do.	Reliable Plumbing & Heating.	Plumbing.	14 09
C 412	..do.	S. E. Huff & Co.	Lumber.	56 80
C 413	..do.	Central Supply Co.	Plumbing.	48 65
C 414	..do.	General Electric Co.	Electrical materials.	35 00
	1914.			
C 415	Jan. 5	Illinois Central R. R. Co.	Freight.	15 76
C 416	Jan. 6	C. J. Welch.	Concrete work.	90 19
C 417	..do.	S. E. Huff & Co.	Lumber.	8 50
C 418	..do.	Reliable Plumbing & Heating Co.	Plumbing.	5 05
C 419	..do.	Standard Sheet Metal Mfg. Co.	Lockers.	50 00
C 420	..do.	Automatic File & Index Co.	Office equipment.	21 85
C 421	..do.	The Hall Safe Co.	Building supplies.	60 42
C 422	..do.	Alexander Lumber Co.	Lumber.	15 56
C 423	..do.	O. E. Staples, Bursar.	Bills paid, labor.	19 00
C 424	..do.	L. B. King.	Contract.	1,379 88
C 425	..do.	Reliable Plumbing & Heating Co.	Plumbing.	429 00
C 426	..do.	Pay roll.	December, 1913.	1,107 69
		Boyce, W. A.	Wages, December, 1913. \$	16 66
		Clancy, Frank.	..do.	109 98
		Craig, J. D.	..do.	42 00
		Crawford, R. W.	..do.	52 60
		Davis, C. M.	..do.	37 80
		Doll, John Barclay.	..do.	93 60
		Fiscus, J. G.	..do.	92 00
		Heinz, L. T.	..do.	55 80
		Hickey, J. B.	..do.	61 75
		Higgins, Harry.	..do.	10 85
		Hooker, Fred.	..do.	35 00
		Long, R. Ray.	..do.	47 70
		Miller, J. H.	..do.	108 10
		Porter, S. A.	..do.	93 60
		Simerl, M. A.	..do.	36 80
		Wright, Amos.	..do.	72 00
		Bevis, A.	..do.	101 20
		Brannigan, John.	..do.	40 25
C 427	Jan. 8	Taylor Hardware Co.	Locks, matts.	271 26
C 428	..do.	H. W. Johns-Manville Co.	Electric matts.	363 19
C 429	Jan. 9	Hunter, Rourke & Co.	Building materials.	55 80
C 430	..do.	F. A. Hawley.	Concrete work.	275 00
C 431	..do.	S. E. Huff & Co.	Building materials.	459 85
C 432	..do.	Peck & Hills Furniture Co.	Office equipment.	40 05
C 433	Jan. 10	W. M. Crilly Co.	Building contract.	548 29
C 434	..do.	The S. S. White Dental Co.	Laboratory apparatus.	1,016 00
C 435	Jan. 12	R. C. Wagner & Son.	Piping.	53 20
C 436	..do.	G. E. Stechert & Co.	Books.	106 24
C 437	..do.	Underwood Typewriter Co.	Typewriter.	71 75
C 438	..do.	The W. W. Crilly Co.	Building contract.	266 00
C 439	..do.	M. J. Corboy & Co.	Plumbing.	825 00
C 440	Jan. 13	Illinois Traction System.	Freight.	5 18
C 441	Jan. 14	Illinois State Register.	Incidentals.	4 25
C 442	..do.	Alexander Lumber Co.	Lumber.	68 75
C 443	..do.	Central Electric Co.	Electrical materials.	38 70
C 444	..do.	Southern Publication Society.	Books.	3 25
C 445	..do.	The Champaign News.	Incidentals.	1 35
C 446	..do.	The Urbana Courier Co.	..do.	1 02
C 447	..do.	Harris-Dillavou & Co.	Piping.	16 50
C 448	..do.	Crane Co.	Plumbing.	28 10
C 449	..do.	Hunter, Rourke & Co.	Building supplies.	76 20
C 450	..do.	Reliable Plumbing & Heating Co.	Plumbing.	12 80
C 451	..do.	R. C. Wagner & Son.	Tunnel extension.	191 66
C 452	..do.	Burt, Paul.	Salary, January, 1914.	150 00
C 453	Jan. 15	O. E. Staples, Bursar.	Student labor.	11 70
C 454	..do.	Erie City Iron Works.	Boiler.	403 80
C 455	..do.	Carson Payson Co.	Plumbing.	82 00
C 456	Jan. 16	Eimer & Amend.	Laboratory apparatus.	75 00
C 457	..do.	Nollau & Wolff Mfg. Co.	Furniture.	275 00
C 458	..do.	E. R. Welshly.	..do.	375 00
C 459	..do.	Eco-Thermal Stove Co.	Range.	55 00
C 460	..do.	Jacob White.	Labor, material.	70 50
C 461	..do.	J. W. Dunlap.	..do.	22 90
C 462	..do.	W. W. Walls & Co.	Lumber.	5 64
C 463	..do.	George W. Prutsman Co.	Drainage, grading.	528 31
C 464	..do.	Reliable Plumbing & Heating Co.	Plumbing.	165 81
C 465	..do.	Ideal Electric Co.	Electrical materials.	8 79
C 466	Jan. 19	Mrs. Mary Poll.	City lots.	2,816 00
C 467	..do.	Narragansett Machine Co.	Lockers.	812 40
C 468	Jan. 20	Alexander H. Revell & Co.	Furniture.	70 10
C 469	..do.	Alexander H. Revell & Co.	Furniture and fixtures.	167 50

## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
C 470	Jan. 20	The Burr Co.	Plumbing.	\$ 3 90
C 471	..do..	Bausch & Lomb Optical Co.	Laboratory apparatus.	169 80
C 472	..do..	C. H. Brownell.	Partition.	166 80
C 473	..do..	Angle Steel Stool Co.	Stools.	139 50
C 474	..do..	Peck & Hills Furniture Co.	Chair.	6 00
C 475	..do..	J. Horace McFarland Co.	Laboratory apparatus.	281 00
C 476	..do..	U. of I. Supply Store.	Filing cabinet.	169 43
C 477	..do..	C., C., C. & St. L. R. R.	Freight.	4 13
C 478	..do..	The Wabash R. R.	..do..	41 89
C 479	..do..	Smith-Totman Co.	Plumbing.	724 35
C 480	Jan. 21	The Remington Typewriter Co.	Typewriters.	145 80
C 481	..do..	The Globe-Wernicke Co.	Office equipment.	27 50
C 482	Jan. 22	O. E. Staples, Bursar	Student labor.	10 20
C 483	..do..	Reliable Plumbing & Heating Co.	Plumbing.	196 00
C 484	..do..	Charles Welch.	Concrete work.	6 80
C 485	..do..	Crane Co.	Plumbing.	42 00
C 486	..do..	Bacon Brothers.	Stain and shellac.	3 38
C 487	..do..	Smith-Totman Co.	Plumbing.	330 00
C 488	..do..	Woelfel Leather Co.	Tanbark.	519 66
C 489	Jan. 23	Fred Hess, County clerk.	Taxes.	78 85
C 490	..do..	C. J. Welch.	Concrete work.	71 85
C 491	..do..	Jas. H. Rice Co.	Building materials.	2 40
C 492	..do..	C. A. Denman.	Painting.	214 75
C 493	..do..	Narragansett Machine Co.	Apparatus, Woman's Building.	316 44
C 494	..do..	The Burr Co.	Building materials.	16 50
C 495	..do..	The Taylor Hardware Co.	..do..	4 85
C 496	..do..	Weil Brothers.	Plumbing.	93 78
C 497	Jan. 26	John B. Bennett.	Drains.	449 35
C 498	Jan. 28	Federal Sign System Co.	Electrical materials.	92 62
C 499	..do..	Smith-Totman Co.	Plumbing.	267 96
C 500	..do..	The Sneed & Co. Iron works.	Furniture and fixtures.	336 00
C 501	..do..	Illinois State Penitentiary	Furniture.	57 50
C 502	..do..	D. H. Lloyd.	Office equipment.	64 84
C 503	..do..	John H. Doyle.	Hinges and screws.	2 06
C 504	..do..	Central Electric Co.	Electrical materials.	26 93
C 505	..do..	Urbana, Champaign Ry., Gas & Electric Co.	Plumbing.	32 05
C 506	..do..	The Taylor Hardware Co.	Locks and knobs.	49 32
C 507	..do..	Charles T. Moore.	Books.	650 00
C 508	..do..	F. P. Smith Wire & Iron Works.	Partition and door.	50 47
C 509	..do..	Statute Law Book Co.	Books.	6 00
C 510	..do..	U. of I. Supply Store.	..do..	8 36
C 511	..do..	Shepard Book Co.	..do..	17 15
C 512	..do..	The John Clark Co.	..do..	5 50
C 513	..do..	Powness Book Store.	..do..	7 50
C 514	..do..	John W. Cadley.	..do..	5 35
C 515	..do..	The Boston Book Co.	..do..	1 35
C 516	..do..	A. A. Heller.	..do..	10 75
C 517	..do..	Lemcke & Buechner.	..do..	22 42
C 518	..do..	American Society of Mechanical Engineers	..do..	6 00
C 519	..do..	G. Schirmer.	..do..	4 46
C 520	..do..	Lathrop C. Harper.	..do..	50 00
C 521	..do..	The Bibliopole.	..do..	5 00
C 522	..do..	M. H. Gardner.	..do..	7 00
C 523	..do..	John Wheldon Co.	..do..	7 42
C 524	..do..	A. C. McClurg & Co.	..do..	563 56
C 525	..do..	The Arthur H. Clark Co.	..do..	34 90
C 526	..do..	G. E. Stechert & Co.	..do..	645 23
C 527	..do..	The M. J. Corboy Co.	Building contract.	1,047 71
C 528	..do..	Nollau & Wolff Mfg. Co.	Furniture and fixtures.	175 00
C 529	..do..	H. Mueller Mfg. Co.	Building contract.	214 50
C 530	..do..	Stromberg Carlson Telephone Mfg. Co.	Office equipment.	80 00
C 531	..do..	Alexander Lumber Co.	Lumber.	58 27
C 532	..do..	Carson, Harry Y.	Salary, January, 1914.	62 50
C 533	Jan. 29	C. B. Holmes, Collector.	Taxes.	487 08
C 534	..do..	A. E. Keys.	Drains.	102 30
C 535	..do..	R. C. Wagner & Sons.	Labor.	117 75
C 536	..do..	The Burr Co.	Building materials.	4 71
C 537	..do..	Bacon Brothers.	Varnish.	4 50
C 538	..do..	W. W. Walls & Co.	Building materials.	63 36
C 539	..do..	S. E. Huff & Co.	Building materials and plumbing.	35 90
C 540	Jan. 30	C. J. Welch.	Building contract.	90 81
C 541	..do..	G. W. Prutsman.	Grading.	1,095 93
C 542	..do..	J. C. White.	Labor.	21 50
C 543	Jan. 31	Chicago Pump Co.	Turbine pump.	276 00
C 544	..do..	C. B. Holmes, City Clerk.	Taxes.	5 95
C 545	Feb. 3	Peck & Hills Furniture Co.	Furniture and fixtures.	11 61
C 546	..do..	Federal Sign System.	General supplies.	3 02

## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	Foriwhat.	Amount.
	1914.			
C 547	Feb. 3	S. E. Huff & Co.	Building materials.	\$ 25 00
C 548	..do..	Lawyers Cooperative Publishing Co.	Books.	2 50
C 549	..do..	Boston Book Co.	..do..	5 00
C 550	..do..	T. H. Flood & Co.	..do..	237 64
C 551	..do..	West Publishing Co.	..do..	58 00
C 552	..do..	Callaghan & Co.	..do..	36 75
C 553	Feb. 4	James M. White, Supt. Architect.	Traveling expenses.	80 01
C 554	..do..	Statute Law Book Co.	Books.	5 46
C 555	..do..	Fred Hess, County Clerk.	Taxes.	16 09
C 556	..do..	The Morava Construction Co.	Contract-Armory.	11,100 00
C 557	..do..	Boyer, W. H.	Wages, January, 1914.	10 00
C 558	Feb. 5	Pay roll.	January, 1914.	1,056 72
		Bevis, Albon.	Wages, January, 1914.	\$107 25
		Booher, M. C.	..do..	96 40
		Booker, A. J.	..do..	97 60
		Brannigan, John.	..do..	28 00
		Clancy, Frank.	..do..	110 92
		Craig, J. D.	..do..	94 40
		Davis, C. M.	..do..	79 45
		Fiscus, J. C.	..do..	2 80
		Gundlock, Charles.	..do..	22 00
		Higgins, Harry.	..do..	95 90
		Long, R. Roy.	..do..	49 10
		Porter, S. A.	..do..	95 00
		Stipes, George.	..do..	49 70
		Vandeventer, J. H.	..do..	95 20
		Wright, Amos.	..do..	32 40
		Porter, S. A.	..do..	60
C 559	..do..	C. H. Lemon & C. W. Walcott.	Purchase of lot.	2,557 50
C 560	..do..	F. C. Jorgeson & Co.	Cases.	152 50
C 561	..do..	Bausch & Lomb Optical Co.	Table.	22 50
C 562	..do..	Carson-Payson Co.	Payment on contract.	1,700 60
C 563	..do..	The Chas. A. Hall Hardware Co.	Rods, staples.	1 68
C 564	..do..	General Electric Co.	Laboratory apparatus.	90 65
C 565	..do..	Peck & Hills Furniture Co.	Desks.	60 00
C 566	..do..	The Sneed & Co. Iron Works.	Bookstacks, shelves.	590 00
C 567	Feb. 7	English Brothers.	Payment on contract.	17,245 83
C 568	..do..	J. W. Swartz.	..do..	375 36
C 569	..do..	E. T. Barnum Wire & Iron Works.	Wire, etc.	11 75
C 570	..do..	S. E. Huff & Co.	Lumber.	90
C 571	..do..	S. E. Huff & Co.	..do..	7 90
C 572	..do..	Weil Brothers.	Sheet lead.	8 75
C 573	..do..	Knowlton & Bennett.	Glue.	1 25
C 574	..do..	Twin City Roofing Co.	Skylight.	64 35
C 575	..do..	George Strode.	Roller curtain.	128 00
C 576	..do..	Archibald Fisher.	Chair Pedistals.	54 00
C 577	..do..	Bacon Brothers.	Glass.	9 00
C 578	..do..	W. F. & John Barnes Co.	Drill, lathe.	211 30
C 579	..do..	Weil Brothers.	Sheet lead.	29 25
C 580	..do..	Earhart, C. M.	Salary, January, 1914.	25 50
C 581	Feb. 11	O. E. Staples, Bursar.	Student labor.	3 25
C 582	..do..	C. A. Kiler.	Shades.	48 04
C 583	..do..	Reliable Plumbing & Heating Co.	Piping.	6 38
C 584	..do..	Putnam-Page Co., Inc.	Machine.	200 00
C 585	..do..	Pittsburgh Plate Glass Co.	Glass.	402 55
C 586	..do..	Luitwieler Pumping Engine Co.	Machine.	889 00
C 587	..do..	S. E. Huff & Co.	Lumber.	10 70
C 588	..do..	Western Electric Co.	Conductors.	60 00
C 589	..do..	Federal Sign System, Electric.	Fixtures.	11 84
C 590	..do..	Multiplex Display Fixture Co.	..do..	49 00
C 591	..do..	E. H. Stafford Mfg. Co.	Desks.	840 00
C 592	..do..	F. A. Hawley.	Payment on contract.	144 14
C 593	..do..	W. H. Pearce & Co.	..do..	6,382 00
C 594	..do..	L. J. Towne.	Traveling expenses.	9 94
C 59	..do..	Burt, Paul.	Salary, February, 1914.	150 00
C 596	Feb. 14	C. H. Brownell.	Partition.	398 50
C 597	..do..	Fitted Steel Sash Works.	Bolts.	3 25
C 598	..do..	The General Fireproofing Co.	Furniture.	29 00
C 599	..do..	Illinois State Penitentiary.	Chairs.	18 00
C 600	..do..	The Inner Braced Furniture Co.	Chair.	3 60
C 601	..do..	James M. White.	Traveling expenses.	38 70
C 602	..do..	The Reliable Plumbing & Heating Co.	Payment on contract.	2,285 09
C 603	..do..	Mittendorf & Kiler.	Files.	13 95
C 604	..do..	D. H. Lloyd.	..do..	26 80
C 605	..do..	Charles W. Redwood.	Charts.	50 00
C 606	..do..	E. R. Landon Iron & Wire Works.	Window guards.	45 00
C 607	..do..	Peck & Hills Furniture Co.	Desk.	25 48
C 608	..do..	The Miller Pasteurizing Machine Co.	Laboratory apparatus.	285 00
C 609	..do..	Automatic Electric Co.	Equipment.	17 60



## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
C 610	Feb. 5	U. of I. Supply Store	Equipment	\$ 111 24
C 611	do	S. E. Huff & Co.	Cabinet	29 40
C 612	do	Federal Sign System	Fixtures	11 75
C 613	do	C. J. Welch	Labor and material	1,685 21
C 614	do	R. C. Wagner & Son	Grading	255 77
C 615	do	General Electric Co.	Electrical materials	840 24
C 616	Feb. 17	S. E. Huff & Co.	Building material	15 30
C 617	do	W. Lewis & Co.	Rug	25 00
C 618	do	W. W. Walls & Co.	Building material	20 86
C 619	do	Knowlton & Bennett	do	34 40
C 620	do	The Taylor Hardware Co.	do	52 19
C 621	Feb. 19	F. M. Leslie	Museum cases	78 45
C 622	do	Inner Braced Furniture Co.	Furniture	9 00
C 623	do	Frank Hawley	Building improvements	11 80
C 624	do	C. A. Denman	do	374 45
C 625	Feb. 25	A. C. McClurg & Co.	Books	31 53
C 626	do	G. E. Stechert & Co.	do	215 46
C 627	do	Smith-Totman Co.	Contract	398 05
C 628	do	Gerhardt & Co.	Books	50 49
C 629	do	Hudson Book Co.	do	40 85
C 630	do	U. P. James	do	16 50
C 631	do	M. M. Breslon	do	23 30
C 632	do	D. H. Newhall	do	41 75
C 633	do	Wm. J. Campbell	do	33 00
C 634	do	Henry Malkan	do	66 25
C 635	do	Arthur H. Clark Co.	do	27 11
C 636	do	The Torch Press	do	29 37
C 637	do	Cadmus Book Shop	do	11 11
C 638	do	Illinois State Penitentiary	Furniture	18 00
C 639	do	Marshall Field & Co.	do	108 84
C 640	do	Douglas C. McMurtrie	Books	1 59
C 641	do	The Boston Book Co.	do	16 00
C 642	do	Franklin Book Shop	do	3 80
C 643	do	N. J. Bartlett & Co.	do	3 23
C 644	do	The John Clark Co.	do	3 00
C 645	do	American Book Co.	do	6 25
C 646	do	German-American Book Co.	do	5 00
C 647	do	Peter Stammer	do	2 10
C 648	do	The Bibliopole	do	7 50
C 649	do	Shurtleff College	do	1 15
C 650	do	John W. Cadby	do	3 10
C 651	do	Peck & Hills Furniture Co.	Furniture	17 39
C 652	do	C. A. Denman	Painting	221 80
C 653	do	S. E. Huff & Co.	Building material	6 60
C 654	do	D. Osborn	Contract	101 15
C 655	do	Maas Brothers	Furniture	185 00
C 656	do	University of Chicago Press	Books	4 33
C 657	do	General Fireproofing Co.	Furniture	27 00
C 658	do	Automatic Electric Co.	Office equipment	27 50
C 659	do	E. H. Sargent & Co.	Laboratory apparatus	25 00
C 660	do	Underwood Typewriter Co.	Office equipment	61 75
C 661	do	D. H. Lloyd	Music	160 08
C 662	Feb. 26	Johnson Service Co.	Contract	845 00
C 663	do	Illinois State Penitentiary	Furniture	15 00
C 664	Feb. 27	W. W. Walls & Co.	Building material	12 24
C 665	do	The Burr Co.	do	3 85
C 666	do	Bacon Brothers	do	5 00
C 667	do	Leavitt Mfg. Co.	do	1 00
C 668	do	General Electric Co.	Laboratory apparatus	44 72
C 669	do	Marshall Field & Co.	Furniture	5 75
C 670	do	Globe-Wernicke Co.	Office equipment	16 75
C 671	Mar. 4	Percival & Moorehead	Building material	3 35
C 672	do	The Burr Co.	do	7 68
C 673	do	Reliable Plumbing & Heating Co.	Plumbing	67 79
C 674	do	C. A. Denman	Painting	590 17
C 675	do	C. A. Kiler	Office equipment	2 25
C 676	do	Percival & Moorehead	Building material	1 37
C 677	do	Taylor Hardware Co.	do	9 84
C 678	do	Eugene Dietzgen Co.	Furniture and fixtures	189 00
C 679	do	Underwood Typewriter Co.	Office equipment	71 75
C 680	do	S. E. Huff & Co.	Building material	4 30
C 681	do	Geo. B. Carpenter & Co.	do	117 60
C 682	do	Economy Drawing Table Co.	Furniture and fixtures	49 10
C 683	do	U. of I. Supply Store	Office equipment	70 00
C 684	Mar. 5	E. T. Barnum Wire & Iron Works	Building material	3 00
C 685	do	Federal Sign System, Electric	Building repairs	50 65
C 686	do	Peck & Hills Furniture Co.	Furniture	18 37
C 687	do	Geo. C. Maynard	Books	115 90
C 688	do	O. E. Staples	Student labor paid	8 70

## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
C 689	Mar. 5	Library Bureau	Furniture and fixtures	\$ 19 00
C 690	..do.	Col. Thomas L. Casey	Books	6 00
C 691	..do.	U. P. James, Bookseller	..do.	29 50
C 692	..do.	Torch Press Book Shop	..do.	4 41
C 693	..do.	Boston Book Co.	..do.	10 00
C 694	..do.	Mrs. Sophie Lee Foster	..do.	2 00
C 695	..do.	M. R. Scott	..do.	1 00
C 696	..do.	C. F. Liebeck	..do.	3 38
C 697	..do.	John E. Scopes & Co.	..do.	3 50
C 698	..do.	Geo. E. Warner	..do.	2 00
C 699	..do.	Mississippi Historical Society	..do.	25 00
C 700	..do.	Charles E. Lauriat Co.	..do.	1 36
C 701	..do.	C. Gerhardt & Co.	..do.	29 93
C 702	..do.	McDevitt-Wilson	..do.	3 16
C 703	..do.	W. J. McConnell	..do.	3 00
C 704	..do.	Southern Book Exchange	..do.	3 00
C 705	..do.	Wm. J. Gerhardt	..do.	15 33
C 706	..do.	J. Fisher & Bro.	..do.	17 49
C 707	..do.	S. E. Huff & Co.	Building material	1 95
C 708	..do.	Bacon Brothers	..do.	6 41
C 709	..do.	The Burr Co.	..do.	2 00
C 710	..do.	J. W. Dunlap	General labor	14 50
C 711	..do.	Automatic Electric Co.	Office equipment	55 00
C 712	..do.	C. H. Brownell	Building changes	125 00
C 713	..do.	G. E. Wright	Traveling expenses	6 29
C 714	Mar. 6	Pay roll	February, 1914	1,350 78
		Booher, M. C.	Wages, February, 1914	\$77 60
		Booker, A. J.	..do.	84 80
		Boyce, Will Allen	..do.	96 00
		Clancy, Frank	..do.	98 23
		Craig, J. D.	..do.	82 80
		Crawford, R. W.	..do.	45 90
		Dunseth, C. A.	..do.	77 20
		Fiscus, J. C.	..do.	86 40
		Gundloch, Charles	..do.	70 66
		Hickey, J. B.	..do.	45 50
		Kenney, T. A.	..do.	50 40
		Kirby, Clyde Collins	..do.	45 80
		Livich, P. L.	..do.	13 00
		Sandwell, Martin	..do.	80 80
		Snook, Orval	..do.	51 03
		Speedie, A. C.	..do.	12 40
		Stearns, A. Llye	..do.	35 90
		Taylor, Arthur	..do.	52 20
		VanGundy, Harvey	..do.	73 00
		Hill, Charles	..do.	90 16
		Templin, William	..do.	81 00
C 715	Mar. 9	A. C. McClurg & Co.	Books	75 38
C 716	..do.	G. E. Stechert & Co.	..do.	607 09
C 717	..do.	Arthur H. Clark Co.	..do.	13 04
C 718	..do.	Statute Law Book Co.	..do.	104 00
C 719	..do.	The Shaw-Walker Co.	Furniture	25 20
C 720	..do.	L. C. Smith & Bros. Typewriter Co.	Office equipment	75 00
C 721	..do.	Library Bureau	Furniture and fixtures	305 15
C 722	..do.	Thomas J. Caie Co.	Books	37 80
C 723	..do.	Champaign News	Incidentals	3 38
C 724	..do.	U. of I. Supply Store	Furniture	5 85
C 725	..do.	H. W. Johns Manville Co.	Building repairs	42 83
C 726	..do.	L. C. Smith & Brothers Typewriter Co.	Office equipment	45 00
C 727	..do.	Peck & Hills Furniture Co.	Furniture	5 63
C 728	..do.	H. W. Johns-Manville Co.	Building repairs	14 08
C 729	..do.	S. E. Huff & Co.	..do.	61 80
C 730	..do.	Williams Brothers	Furniture	32 00
C 731	Mar. 10	T. H. Flood & Co.	Books	47 37
C 732	..do.	George I. Jones	..do.	98 25
C 733	..do.	Caxton School Supply Co.	Furniture and fixtures	8 00
C 734	..do.	C. A. Kiler	..do.	33 30
C 735	..do.	S. E. Huff & Co.	Building materials	5 30
C 736	..do.	Twin City Roofing Co.	Building contract	71 60
C 737	..do.	Martindale Mercantile Agency	Books	10 60
C 738	..do.	Callaghan & Co.	..do.	19 00
C 739	..do.	Lawyers Cooperative Publishing Co.	..do.	2 50
C 740	..do.	Statute Law Book Co.	..do.	1 25
C 741	..do.	Little, Brown & Co.	..do.	4 00
C 742	..do.	L. C. Smith & Bros. Typewriter Co.	Office equipment	70 00
C 743	..do.	Simplex Electric Heating Co.	Laboratory apparatus	4 60
C 744	..do.	Shapleigh Hardware Co.	..do.	12 40
C 745	..do.	Illinois State Penitentiary	Furniture and fixtures	9 00

## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
C 746	Mar. 11	Urbana & Champaign Ry. Gas & Electric Co.	Building repairs.	\$ 25 00
C 747	..do..	C. A. Klier.	Furniture.	15 00
C 748	..do..	A. C. McClurg & Co.	Books.	1 00
C 749	..do..	The Flat Iron Store.	Furniture.	5 25
C 750	..do..	The Burr Co.	Building repairs.	75 96
C 751	..do..	Allis Chalmers Mfg. Co.	Laboratory apparatus.	125 00
C 752	..do..	The Macmillan Co.	Books.	11 76
C 753	..do..	Mining Science.	..do..	9 00
C 754	..do..	U. of I. Supply Store.	..do..	3 60
C 755	..do..	U. of I. Supply Store.	..do..	11 75
C 756	..do..	John H. Doyle Co.	Laboratory apparatus.	8 50
C 757	..do..	Federal Sign System.	Generalsupplies.	11 30
C 758	..do..	Burt, Paul.	Salary, March, 1914.	150 00
C 759	Mar. 14	L. C. Smith & Brothers Typewriter Co.	Office equipment.	70 00
C 760	..do..	Westinghouse Electric & Mfg. Co.	..do..	27 40
C 761	..do..	G. E. Stechert & Co.	Books.	8 36
C 762	..do..	Hunter, Rourke & Co.	Furniture and fixtures.	6 40
C 763	..do..	Bausch & Lomb Optical Co.	Laboratory apparatus.	111 96
C 764	..do..	O. E. Staples, Bursar.	Student labor.	12 00
C 765	..do..	F. A. Hawley.	Building repairs.	24 65
C 766	..do..	Maas Brothers.	Building material.	11 80
C 767	..do..	James B. Clow & Sons.	..do..	17 80
C 768	..do..	Snook-Roentgen Mfg. Co.	Laboratory apparatus.	78 40
C 769	Mar. 16	Peoria Stone & Marble Works.	On contract.	830 00
C 770	..do..	E. H. Sargent & Co.	Laboratory apparatus.	25 00
C 771	..do..	Robert Essex Incubator Co.	..do..	100 00
C 772	..do..	Federal Sign System.	Electrical material.	83 74
C 773	..do..	McGraw-Hill Book Co.	Books.	1 70
C 774	..do..	Montgomery, Ward & Co.	Office equipment.	27 75
C 775	..do..	Toledo Metal Furniture Co.	Furniture.	15 00
C 776	..do..	U. of I. Supply Store.	Books.	12 15
C 777	..do..	H. W. Johns-Manville Co.	Building repairs.	75 00
C 778	..do..	Johnson Brothers.	..do..	23 70
C 779	..do..	Johns-Hopkins University.	Laboratory apparatus.	58 50
C 780	..do..	M. J. Corboy Co.	Building contract.	180 00
C 781	..do..	William H. Taggart.	Laboratory apparatus.	110 00
C 782	..do..	Ideal Electric Co.	Electrical material.	18 50
C 783	..do..	U. of I. Supply Store.	Furniture.	11 34
C 784	..do..	Swatz Electric Co.	Contract.	186 24
C 785	..do..	Hunter, Rourke & Co.	Building material.	55 00
C 786	..do..	L. C. Smith & Bros. Typewriter Co.	Office equipment.	29 00
C 787	..do..	Bausch & Lomb Optical Co.	Laboratory apparatus.	45 00
C 788	Mar. 19	Smith-Totman Co.	Building material.	35 16
C 789	..do..	U. of I. Supply Store.	Books.	6 48
C 790	..do..	General Electric Co.	Machinery and apparatus.	75 50
C 791	..do..	Machinists Supply Co.	..do..	36 00
C 792	..do..	Hunter, Rourke & Co.	Building material.	34 40
C 793	..do..	M. J. Corboy Co.	Contract.	55 00
C 794	..do..	Remington Typewriter Co.	Office equipment.	45 00
C 795	..do..	Walker & Mulliken.	Furniture.	10 00
C 796	..do..	Keuffel & Esser Co. of New York.	..do..	16 10
C 797	..do..	James B. Clow & Sons.	..do..	4 88
C 798	..do..	Tinius Olsen Testing Machine Co.	Laboratory apparatus.	325 00
C 799	Mar. 20	Leavitt Mfg. Co.	Building repairs.	18 00
C 800	..do..	Walker & Mulliken.	Furniture.	12 50
C 801	..do..	Duparquet, Huot & Moneuse Co.	Laboratory apparatus.	133 60
C 802	..do..	Electrical Machinery & Specialty Co.	..do..	22 50
C 803	..do..	Creamery Package Mfg. Co.	..do..	39 00
C 804	..do..	Elmer & Amend.	..do..	170 00
C 805	..do..	Peck & Hills Furniture Co.	Furniture.	22 50
C 806	..do..	Library Bureau.	..do..	39 25
C 807	Mar. 26	Hudson Book Co.	Books.	12 46
C 808	..do..	A. C. McClurg & Co.	..do..	321 18
C 809	..do..	G. E. Stechert & Co.	..do..	353 48
C 810	..do..	Boston Book Co.	..do..	134 44
C 811	Mar. 23	Illinois State Penitentiary.	Furniture.	76 25
C 812	..do..	Walker & Mulliken.	..do..	24 00
C 813	..do..	Illinois State Register.	Incidentals.	3 50
C 814	..do..	Yale & Towne Mfg. Co.	Building material.	62 25
C 815	..do..	Automatic Electric Co.	Office equipment.	12 50
C 816	..do..	General Electric Co.	Electrical material.	37 00
C 817	Mar. 26	The American Contractor.	Incidentals.	10 80
C 818	..do..	L. J. Towne.	Traveling expenses.	6 34
C 819	..do..	A. B. Dick Co.	Office equipment.	124 00
C 820	..do..	Lemon & Walcott.	Taxes.	42 50
C 821	..do..	The Bristol Co.	Laboratory apparatus.	18 00
C 822	..do..	John J. Pole.	Musical instruments.	55 00
C 823	..do..	George Wharton James.	Books.	7 50

## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914.				
C 824	Mar. 26	The Bibliopole.....	Books.....	\$ 7 50
C 825	..do..	Willis Music Co.....	..do.....	7 90
C 826	..do..	Geo. C. Maynard.....	..do.....	1 00
C 827	..do..	Cadmus Book Shop.....	..do.....	2 15
C 828	..do..	The Torch Press Book Shop.....	..do.....	1 96
C 829	..do..	Aldine Book Co.....	..do.....	1 37
C 830	..do..	Mrs. Frances E. Goddard.....	..do.....	2 50
C 831	..do..	M. M. Smith.....	..do.....	35 00
C 832	..do..	Lemcke & Buechner.....	..do.....	1 00
C 833	..do..	Geo. C. Maynard.....	..do.....	8 00
C 834	..do..	W. K. Stewart Co.....	..do.....	1 40
C 835	..do..	Oliver Ditson Co.....	..do.....	4 80
C 836	..do..	George Emery Littlefield.....	..do.....	10 25
C 837	..do..	S. E. Huff & Co.....	Building material.....	30 75
C 838	..do..	Urbana & Champaign Ry., Gas and Elec- tric Co.....	Plumbing.....	9 50
C 839	..o..	Taylor Hardware Co.....	Building material.....	56 92
C 840	..do..	Arthur H. Clark Co.....	Books.....	22 90
C 841	..do..	Gallaher & Speck.....	Building charges.....	168 44
C 842	..do..	Davis & Kregger.....	Building contract.....	637 80
C 843	..do..	U. P. James.....	Books.....	3 50
C 844	..do..	D. H. Newhall.....	..do.....	17 50
C 845	..do..	Illinois State Penitentiary.....	Furniture.....	76 00
C 846	..do..	Illinois State Penitentiary.....	..do.....	14 00
C 847	..do..	Roller-Smith Co.....	Laboratory apparatus.....	49 95
C 848	..do..	Browne-Morse Co.....	Furniture.....	18 62
C 849	Mar. 30	Carson, H. J. Y.....	Salary, March, 1914.....	125 00
C 850	..do..	Smith-Totman Co.....	Building material.....	4 25
C 851	..do..	C. A. Kiler.....	Furniture and fixtures.....	203 50
C 852	..do..	Central Station Steam Co.....	Machinery and apparatus.....	98 00
C 853	..do..	Taylor Hardware Co.....	Laboratory apparatus.....	13 70
C 854	..do..	Eugene Dietzgen Co.....	Furniture and fixtures.....	30 48
C 855	..do..	D. H. Loyde.....	Office equipment.....	16 20
C 856	..do..	A. C. McClurg & Co.....	Books.....	692 07
C 857	..do..	G. E. Stechert & Co.....	..do.....	297 82
C 858	..do..	Statute Law Book Co.....	..do.....	116 00
C 859	..do..	G. Schirmer, Inc.....	..do.....	8 84
C 860	..do..	Arthur H. Clark Co.....	..do.....	37 50
C 861	..do..	Ernst Leitz.....	Laboratory apparatus.....	422 75
C 862	..do..	C. A. Kiler.....	Furniture.....	120 00
C 863	Mar. 31	D. H. Newhall.....	Books.....	14 75
C 864	..do..	Boston Book Co.....	..do.....	151 95
C 865	..do..	Chicago Medical Book Co.....	..do.....	62 92
C 866	..do..	Scheidel-Western X-Ray Coil Co.....	Laboratory apparatus.....	375 34
C 867	..do..	Lawyers Cooperative Publishing Co.....	Books.....	3 00
C 868	..do..	T. H. Flood & Co.....	..do.....	3 85
C 869	..do..	Statute Law Book Co.....	..do.....	15 18
C 870	..do..	Boston Book Co.....	..do.....	5 00
C 871	..do..	West Publishing Co.....	..do.....	57 25
C 872	..do..	H. D. Oberdorfer.....	Traveling expenses.....	38 49
C 873	Apr. 8	O. E. Staples, Bursar.....	Student labor.....	26 25
C 874	..do..	G. E. Stechert & Co.....	Books.....	9 51
C 875	..do..	George E. Wright.....	Traveling expenses.....	10 34
C 876	..do..	G. E. Stechert & Co.....	Books.....	95 06
C 877	..do..	A. C. McClurg & Co.....	..do.....	12 16
C 878	..do..	Underwood Typewriter Co.....	Office equipment.....	42 75
C 879	..do..	E. H. Sargent & Co.....	Laboratory apparatus.....	25 00
C 880	..do..	William Gaertner & Co.....	..do.....	21 00
C 881	..do..	L. C. Smith & Bros. Typewriter Co.....	Office equipment.....	70 00
C 882	..do..	James G. Biddle.....	Laboratory apparatus.....	183 80
C 883	..do..	Library Bureau.....	Furniture.....	88 50
C 884	..do..	General Fireproofing Co.....	..do.....	50 00
C 885	..do..	S. E. Huff & Co.....	Building material.....	36 00
C 886	..do..	U. of I. Supply Store.....	Furniture.....	16 65
C 887	..do..	P. D. Foster.....	..do.....	216 00
C 888	..do..	Woldenberg & Schaar.....	Laboratory apparatus.....	36 00
C 889	..do..	Lyon Metallic Mfg. Co.....	Furniture.....	60 05
C 890	..do..	C. A. Kiler.....	..do.....	26 30
C 891	Apr. 4	Pay roll.....	March, 1914.....	123 87
		Gundloch, Charles.....	Wages, March, 1914.....	\$77 67
		Long, R. Roy.....	..do.....	46 20
C 892	Apr. 8	T. H. Flood & Co.....	Books.....	23 51
C 893	..do..	L. C. Smith & Bros. Typewriter Co.....	Office shipment.....	45 00
C 894	..do..	O. E. Staples, Bursar.....	Student labor.....	48 48
C 895	..do..	The Field & Shorg Co.....	Plumbing supplies.....	487 97
C 896	..do..	Illinois State Penitentiary.....	Furniture.....	12 50
C 897	..do..	Shore Instrument & Mfg. Co.....	Laboratory apparatus.....	54 00
C 898	..do..	The Citator Publishing Co.....	Books.....	64 20
C 899	..do..	Automatic Electric Co.....	General supplies.....	26 50

## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
C 900	Apr. 8	Goder-Heiman Co. ....	Laboratory apparatus. ....	\$ 14 20
C 901	..do..	Peck & Hills Furniture Co. ....	Furniture. ....	7 80
C 902	..do..	C. A. Kiler. ....	do. ....	45 85
C 903	..do..	R. C. Wagner & Son. ....	General labor. ....	4 00
C 904	..do..	Alexander Lumber Co. ....	Building material. ....	128 00
C 905	..do..	The Burr Co. ....	do. ....	1 58
C 906	Apr. 9	Jno. B. Bennett. ....	Drains. ....	8 50
C 907	..do..	Harris-Dillavou & Co. ....	General labor. ....	3 50
C 908	..do..	Walker & Mulliken. ....	Fixtures. ....	30 50
C 909	..do..	Automatic Electric Co. ....	Telephone apparatus. ....	27 50
C 910	..do..	Peck & Hills Furniture Co. ....	Furniture. ....	4 50
C 911	..do..	Illinois State Penitentiary. ....	do. ....	5 00
C 912	..do..	Illinois State Penitentiary. ....	do. ....	4 50
C 913	..do..	U. of I. Supply Store. ....	do. ....	41 63
C 914	..do..	Illinois State Penitentiary. ....	do. ....	108 00
C 915	..do..	The Burr Co. ....	Building material. ....	176 45
C 916	Apr. 13	Pay roll. ....	April, 1914. ....	938 33
		Havens, Charles. ....	Salary, April, 1914. ....	\$120 00
		Murphy, Morris. ....	do. ....	110 00
		Oberdorfer, H. D. ....	do. ....	208 33
		Peel, Elizabeth C. ....	do. ....	75 00
		Showers, T. J. ....	do. ....	125 00
		Tween, L. J. ....	do. ....	175 00
		Wright, G. E. ....	do. ....	125 00
C 917	Apr. 13	Pay roll. ....	April, 1914. ....	1,041 66
		Burt, Paul. ....	Salary, April, 1914. ....	150 00
		White, J. M. ....	do. ....	416 66
		Kelley, R. L. (Student). ....	do. ....	100 00
		Rice, G. B. ....	do. ....	250 00
		Carson, H. Y. ....	do. ....	125 00
C 918	Apr. 17	G. E. Stechert & Co. ....	Books. ....	76 36
C 919	..do..	C. A. Kiler. ....	Furniture. ....	40 50
C 920	..do..	Mittendorf & Kiler. ....	do. ....	83 89
C 921	..do..	Automatic Electric Co. ....	General supplies. ....	65 50
C 922	..do..	Walker & Mulliken. ....	Fixtures. ....	30 50
C 923	..do..	Peck & Hills Furniture Co. ....	Furniture. ....	130 93
C 924	..do..	Western Electric Co. ....	Electrical material. ....	9 40
C 925	..do..	Inner Braced Furniture Co. ....	Furniture. ....	50 76
C 926	..do..	Smith-Totman Co. ....	Building material. ....	169 84
C 927	..do..	O. E. Staples, Bursar. ....	Student labor. ....	10 20
C 928	..do..	C. H. Brownell. ....	Building changes. ....	285 00
C 929	..do..	R. C. Wagner & Son. ....	Building material. ....	25 00
C 930	..do..	Howe Scale Co. of Illinois. ....	Farm machinery. ....	35 35
C 931	..do..	U. of I. Supply Store. ....	Furniture. ....	74 75
C 932	..do..	Hall Safe Co. ....	do. ....	60 45
C 933	..do..	Eimer & Amend. ....	Laboratory apparatus. ....	28 00
C 934	..do..	E. R. Welshly. ....	Furniture. ....	20 00
C 935	..do..	T. H. Flood & Co. ....	Books. ....	20 27
C 936	..do..	Economic Geology Publishing Co. ....	do. ....	4 50
C 937	..do..	S. Druckerman. ....	do. ....	2 16
C 938	..do..	Toledo Metal Furniture Co. ....	Furniture. ....	15 00
C 939	..do..	Library Bureau. ....	do. ....	101 75
C 940	..do..	U. of I. Supply Store. ....	do. ....	43 16
C 941	Apr. 24	The Inner Braced Furniture Co. ....	do. ....	3 60
C 942	..do..	H. J. Bool Co. ....	Lockers. ....	142 00
C 943	..do..	G. S. Moler. ....	Furniture. ....	85 00
C 944	..do..	Reliable Plumbing & Heating Co. ....	Range boiler. ....	14 40
C 945	..do..	Crane Co. ....	Building materials. ....	15 91
C 946	..do..	Lamp Equipment Division of General Electric Co. ....	Geryk pump cylinder. ....	47 50
C 947	..do..	Library Bureau. ....	Filing cases. ....	35 00
C 948	..do..	English Brothers. ....	Payment on contract. ....	668 73
C 949	..do..	N. H. Shields. ....	do. ....	702 19
C 950	..do..	Reliable Plumbing & Heating Co. ....	Contract, etc. ....	157 79
C 951	..do..	Taber Pump Co. ....	Machinery. ....	24 50
C 952	Apr. 29	George B. Rice. ....	Traveling expenses. ....	19 28
C 953	..do..	Automatic Electric Co. ....	Telephone exchange. ....	96 20
C 954	..do..	The Boston Book Co. ....	Books. ....	27 00
C 955	..do..	The Peoria Stone & Marble Works. ....	Payment on contract. ....	22 05
C 956	..do..	E. H. Sargent & Co. ....	Laboratory apparatus. ....	148 00
C 957	..do..	G. W. Prutsman. ....	Payment on contract. ....	1,000 00
C 958	..do..	Western Slate Co. ....	Table top. ....	18 00
C 959	..do..	D. H. Newhall. ....	Books. ....	12 75
C 960	..do..	The Pilgrim Press. ....	do. ....	4 19
C 961	..do..	G. Schirmer, Inc. ....	do. ....	15 10
C 962	..do..	William Dickinson Keep. ....	do. ....	12 50
C 963	..do..	N. J. Bartlett & Co. ....	do. ....	29 97
C 964	..do..	Williams Book Store, Inc. ....	do. ....	22 50
C 965	..do..	Statute Law Book Co. ....	do. ....	13 50

## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914.				
C 966	Apr. 29	Frederick Loesser & Co.	Books.	\$ 1 68
C 967	..do.	Geo. C. Maynard.	..do.	13 50
C 968	..do.	The H. W. Wilson Co.	..do.	13 00
C 969	..do.	George Emery Littlefield.	..do.	19 19
C 970	..do.	The Wabash R. R. Co., Urbana.	Freight.	10 47
C 971	..do.	Art Metal Construction Co.	Shelves.	30 24
C 972	..do.	R. G. Wright & Co.	Laboratory apparatus.	130 00
C 973	..do.	International Instrument Co.	..do.	165 00
C 974	..do.	Eimer & Amend.	..do.	14 00
C 975	..do.	W. W. Coblenz.	..do.	83 00
C 976	..do.	Weston Electrical Instrument Co.	..do.	343 20
C 977	..do.	E. H. Sargent & Co.	..do.	36 00
C 978	..do.	G. E. Stechert & Co.	Books.	311 44
C 979	..do.	J. Terquem.	..do.	77 28
C 980	..do.	A. C. McClurg & Co.	..do.	13 94
C 981	..do.	The Arthur H. Clark Co.	..do.	5 50
C 982	..do.	The Boston Book Co.	..do.	317 39
C 983	..do.	G. E. Stechert & Co.	..do.	565 33
C 984	..do.	Statute Law Book Co.	..do.	720 75
C 985	..do.	Charles Mollet.	Laboratory apparatus.	334 33
C 986	..do.	G. E. Stechert & Co.	Books.	118 16
C 987	Apr. 30	Yawman & Erbe Mfg. Co.	Furniture.	39 25
C 988	..do.	Remington Typewriter Co.	Typewriter.	42 90
C 989	..do.	Frank J. Warne.	Books.	25 00
C 990	..do.	Goodspeed's Book Shop.	..do.	6 00
C 991	..do.	The Arthur H. Clark Co.	..do.	8 75
C 992	..do.	The Boston Book Co.	Book.	7 00
C 993	..do.	Americus Book Co.	Books.	3 15
C 994	..do.	William Wesley & Son.	..do.	146 90
C 995	..do.	G. E. Wagishanser.	..do.	101 00
C 996	..do.	G. E. Stechert & Co.	..do.	170 19
C 997	..do.	A. C. McClurg & Co.	..do.	19 18
C 998	..do.	G. E. Stechert & Co.	..do.	426 79
C 999	May 7	E. H. Sargent & Co.	Sterilizer.	45 00
C 1000	..do.	Scientific Materials Co.	Gas apparatus.	85 00
C 1001	..do.	Federal Steel Fixture Co.	Steel shelving.	93 61
C 1002	..do.	Federal Steel Fixture Co.	Lockers and shelving.	200 42
C 1003	..do.	S. E. Huff.	Building material.	7 55
C 1004	..do.	Westinghouse Electric & Mfg. Co.	Laboratory apparatus.	338 98
C 1005	..do.	S. W. Schneck.	Museum specimens.	300 00
C 1006	..do.	Remington Typewriter.	Office equipment.	60 00
C 1007	..do.	Remington Typewriter Co.	..do.	35 00
C 1008	..do.	G. E. Wagishanser.	Museum specimens.	301 00
C 1009	..do.	The Barber Asphalt Paving Co.	Building materials.	4 41
C 1010	..do.	Urbana & Champaign R. R., Gas & Electric Co.	..do.	23 25
C 1011	..do.	Automatic Electric Co.	Telephone supplies.	12 50
C 1012	May 8	H. Mueller Mfg. Co.	Laboratory apparatus.	262 51
C 1013	..do.	Bausch & Lomb Optical Co.	..do.	319 65
C 1014	..do.	Ideal Electric Co.	Building apparatus.	7 20
C 1015	..do.	The Chas. A. Hall Hardware Co.	..do.	31 63
C 1016	..do.	Library Bureau.	Furniture and fixtures.	30 00
C 1017	..do.	Lyon Metallic Mfg. Co.	..do.	18 95
C 1018	..do.	U. of I. Supply Store.	..do.	9 23
C 1019	..do.	Fairbanks, Morse & Co.	Laboratory apparatus.	115 00
C 1020	May 11	Fairbanks, Morse & Co.	Farm machinery.	115 00
C 1021	May 14	Pay roll.	May, 1914.	1,041 66
		Burt, Paul.	Salary, May, 1914.	\$150 00
		Kelley, R. L. (Student).	..do.	100 00
		Rice, G. B.	..do.	250 00
		White, J. M.	..do.	416 66
		Carson, H. Y.	..do.	125 00
C 1022	..do.	Pay roll.	May, 1914.	923 33
		Havens, Charles.	Salary, May, 1914.	\$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
		Beyer, Vera.	..do.	60 00
		Wright, G. E.	..do.	125 00
C 1023	May 15	Pay roll.	May, 1914.	12 00
C 1024	..do.	O. E. Staples, Bursar.	Student labor.	40 86
C 1025	..do.	C. A. Kiler.	Furniture and fixtures.	36 00
C 1026	..do.	Smith-Totman Co.	Building materials.	31 49
C 1027	..do.	Mittendorf & Kiler.	Furniture and fixtures.	35 25
C 1028	..do.	N. H. Shields.	Contract.	3,394 05
C 1029	May 16	Alexander Lumber Co.	General supplies.	547 40
C 1930	..do.	T. H. Flood & Co.	Book.	69 48
C 1031	..do.	L. Wolf Mfg. Co.	General supplies.	19 13

BUILDINGS, LAND AND EQUIPMENT VOUCHERS—*Continued.*

No.	Date.	To whom.	For what.	Amount.
	1914.			
C 1032	May 16	Library Bureau	Office equipment	\$ 37 50
C 1033	..do..	Geo. B. Carpenter	Furniture and fixtures	14 70
C 1034	..do..	R. W. L. Tibbitts King's Printer	Books	8 00
C 1035	..do..	George I. Jones	Book	21 43
C 1036	..do..	C. A. Kiler	Furniture and fixtures	246 28
C 1037	..do..	Eimer & Amend	Laboratory supplies	187 00
C 1038	..do..	E. H. Sargent & Co.	..do..	189 15
C 1039	..do..	General Electric Co.	Office equipment	33 50
C 1040	..do..	F. W. Mateer & Co.	Laboratory apparatus	15 00
C 1041	..do..	George M. Clark & Co.	..do..	48 00
C 1042	..do..	General Electric Co.	..do..	200 00
C 1043	..do..	Neptune Meter Co.	..do..	262 50
C 1044	..do..	Remington Typewriter Co.	Office equipment	107 00
C 1045	..do..	The Burr Co.	Building materials	7 35
C 1046	..do..	U. of I. Supply Store	Furniture and fixtures	73 44
C 1047	..do..	Pay roll	May, 1914	16 00
C 1048	May 18	L. B. Malechi & Co.	Books	32 51
C 1049	..do..	W. W. Blake	..do..	12 75
C 1050	..do..	William J. Gerhard	..do..	10 50
C 1051	..do..	Goodspeed's Book Shop	..do..	33 75
C 1052	..do..	Julius Kuhlman	..do..	22 75
C 1053	..do..	I. D. Seabrook	..do..	21 75
C 1054	..do..	Chwers Book Binding Co.	..do..	1 64
C 1055	..do..	New York Evening Post	..do..	1 00
C 1056	..do..	American Bar Association	..do..	2 00
C 1057	..do..	The American Law Book Co.	..do..	12 00
C 1058	..do..	A. C. McClurg & Co.	..do..	860 88
C 1059	..do..	T. H. Flood & Co.	..do..	162 54
C 1060	..do..	Statute Law Book Co.	..do..	8 87
C 1061	..do..	McDevitt Wilson	..do..	38 98
C 1062	..do..	Americos Book Co.	..do..	47 00
C 1063	..do..	The Arthur H. Clark Co.	..do..	13 86
C 1064	..do..	The Boston Book Co.	..do..	6 35
C 1065	..do..	G. E. Stechert & Co.	..do..	990 09
C 1066	..do..	The Lawyers Cooperative Publishing Co.	..do..	5 50
C 1067	May 19	Fairbanks, Morse & Co.	Scales	1,150 00
C 1068	..do..	Engineering News	Advertising	36 00
C 1069	..do..	The American Contractor Publishing Co.	Advertising	36 00
C 1070	..do..	Putnam Page Co.	Edison machines	196 00
C 1071	..do..	Remington Typewriter Co.	Typewriter	40 00
C 1072	..do..	Harris Dillavou & Co.	Sand	10 85
C 1073	..do..	Illinois Central R. R. Co.	Freight	117 75
C 1074	..do..	C. H. Brownell	Partitions	93 75
C 1075	May 20	Western Electric Co.	Electrical apparatus	110 74
C 1076	..do..	General Electric Co.	Laboratory apparatus	65 00
C 1077	..do..	The Burr Co.	Building materials	193 03
C 1078	..do..	Library Bureau	Furniture and fixtures	757 50
C 1079	..do..	H. W. Johns Manville Co.	Building materials	17 19
C 1080	..do..	Walker & Mulliken	Furniture and fixtures	121 05
C 1081	May 22	A. C. McClurg & Co.	Books	48 88
C 1082	..do..	G. E. Stechert & Co.	..do..	288 48
C 1083	..do..	The Franklin Bookshop	..do..	20 75
C 1084	..do..	Automatic Electric Co.	Office equipment	27 50
C 1085	..do..	The Burr Co.	Building materials	16 25
C 1086	..do..	Putnam Page Co.	Office equipment	201 63
C 1087	..do..	The Western Electric Co.	..do..	30 16
C 1088	..do..	Springfield Boiler & Mfg. Co.	Laboratory apparatus	140 00
C 1089	..do..	The Arthur H. Clark Co.	Books	206 50
C 1090	..do..	Twin City Roofing & Sheet Metal Works	Contract	629 20
C 1091	May 23	Bausch & Lomb Optical Co.	Laboratory apparatus	218 85
C 1092	..do..	Ernst Leitz	..do..	166 60
C 1093	..do..	Sullivan Machinery Co.	..do..	261 90
C 1094	..do..	Automatic Electric Co.	General supplies	12 50
C 1095	..do..	Mandel Brothers	Tables, tray, etc.	43 00
C 1096	May 25	A. C. McClurg & Co.	Books	23 93
C 1097	..do..	Chas. J. Welch	Tunnel	129 43
C 1098	..do..	Peck & Hills Furniture Co.	Furniture and fixtures	44 95
C 1099	..do..	Walker & Mulliken	..do..	15 00
C 1100	May 27	Bell & Howell Co.	Laboratory apparatus	286 42
C 1101	..do..	Western Electric Co.	Furniture and fixtures	30 16
C 1102	..do..	Ernst Leitz	Laboratory apparatus	52 99
C 1103	..do..	Peck & Hills Furniture Co.	Furniture and fixtures	13 72
C 1104	..do..	Spencer Lens Co.	Laboratory apparatus	187 30
C 1105	..do..	G. E. Stechert	Books	2 63
C 1106	..do..	Reliable Plumbing & Heating Co.	Contract	729 56
C 1107	..do..	Eugene Dietzgen	Furniture and fixtures	15 75
C 1108	..do..	Illinois Electric Co.	General supplies	5 20
C 1109	..do..	Bennetts Magazine Agency	Books	12 00
C 1110	..do..	General Electric Co.	Laboratory apparatus	99 94

## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Concluded.

No.	Date.	To whom.	For what.	Amount.
	1914.			
C 1111	May 28	Library Bureau.....	Furniture and fixtures.....	\$ 3 25
C 1112	..do....	American Fruits Publishing Co.....	Books.....	1 00
C 1113	..do....	The Inner Braced Furniture Co.....	Furniture and fixtures.....	3 60
C 1114	..do....	General Electric Co.....	Laboratory apparatus.....	34 20
C 1115	..do....	Caxton School Supply Co.....	Furniture and fixtures.....	54 00
C 1116	..do....	Walker & Mulliken.....	..do.....	4 00
C 1117	..do....	Tobey Furniture Co.....	..do.....	61 00
C 1118	..do....	Central Scientific Co.....	Laboratory apparatus.....	32 00
C 1119	..do....	G. E. Stechert.....	Books.....	3 34
C 1120	..do....	E. Bartholomew.....	..do.....	75 00
C 1121	..do....	James B. Clow & Sons.....	General supplies.....	134 75
C 1122	..do....	The Science Press.....	Books.....	5 00
C 1123	May 29	G. E. Stechert & Co.....	..do.....	2,327 47
C 1124	..do....	Geo. B. Carpenter.....	Tools.....	24 99
C 1125	May 30	U. of I. Supply Store.....	Books.....	1 80
C 1126	..do....	International Magazine Co.....	..do.....	38 00
C 1127	..do....	J. Fischer & Bro.....	..do.....	4 55
C 1128	..do....	The Johns Hopkins Press.....	Reprint.....	2 00
C 1129	..do....	Frank Bender.....	Books.....	2 00
C 1130	..do....	The Arthur H. Clark Co.....	..do.....	15 00
C 1131	..do....	William J. Gerhard.....	..do.....	25 00
C 1132	..do....	The Bibliopole.....	..do.....	2 50
C 1133	..do....	G. E. Stechert & Co.....	..do.....	355 35
C 1134	..do....	A. C. McClurg & Co.....	..do.....	17 89
C 1135	..do....	G. E. Stechert & Co.....	..do.....	63 73
C 1136	June 1	Geo. C. Maynard.....	..do.....	74 00
C 1137	..do....	G. W. Prutsman.....	Grading.....	697 89
C 1138	..do....	W. T. Lawderville & Co.....	Books.....	28 25
C 1139	..do....	Chas. E. Lauriat Co.....	..do.....	2 20
C 1140	..do....	A. C. McClurg & Co.....	..do.....	855 72
C 1141	..do....	G. E. Stechert & Co.....	..do.....	595 24
C 1142	June 2	Illinois State Register.....	Incidentals.....	65 80
C 1143	..do....	Wabash R. R.....	Freight.....	48 00
C 1144	..do....	The Burr Co.....	Building materials.....	9 36
C 1145	..do....	Statute Law Book Co.....	Books.....	217 50
C 1146	June 3	The Cadmus Book Shop.....	..do.....	39 25
C 1147	..do....	G. E. Stechert & Co.....	..do.....	40 67
C 1148	..do....	Lemcke & Buechner.....	..do.....	59 19
C 1149	..do....	A. C. McClurg & Co.....	..do.....	88 16
C 1150	..do....	The Morris Book Shop.....	..do.....	8 55
C 1151	..do....	U. P. James, Bookseller.....	..do.....	2 33
C 1152	..do....	The Arthur H. Clark Co.....	..do.....	2 65
C 1153	..do....	The International Magazine Co.....	Magazine.....	35 00
C 1154	June 4	T. H. Flood & Co.....	..do.....	50 77
C 1155	..do....	Statute Law Book Co.....	..do.....	12 50
C 1156	..do....	The Boston Book Co.....	..do.....	5 00
C 1157	June 6	Pay roll.....	June, 1914.....	923 33
		Havens, Charles.....	Salary, June, 1914.....	\$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
		Beyer, Vera.....	..do.....	60 00
		Wright, G. E.....	..do.....	125 00
C 1158	..do....	Pay roll.....	June, 1914.....	916 66
		Burt, Paul.....	Salary, June, 1914.....	150 00
		Kelley, R. L. (Student).....	..do.....	100 00
		Rice, G. B.....	..do.....	250 00
		White, J. M.....	..do.....	416 66
C* 1162	June 9	H. B. Boyer.....	City lots.....	6,224 21

\* C 1154 to C 1161, inclusive, transferred to operation, maintenance and equipment for June.

## WATER SURVEY VOUCHERS.

	1913.			
W 1	July 21	Pay roll.....		\$ 220 00
		Harnack, Carman.....	Salary, July, 1913.....	\$55 00
		Hart, Eliza.....	..do.....	35 00
		Jester, Marie.....	..do.....	45 00
		Johnson, J. J.....	..do.....	45 00
		McMullin, Jane.....	..do.....	40 00
W 2	..do....	Pay roll.....		1,021 66
		Bartow, Edward.....	Salary, July, 1913.....	291 66
		Corson, H. P.....	..do.....	100 00
		Ferguson, H. F.....	..do.....	60 00



## WATER SURVEY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1913.				
W 2	July 21	Hansen, Paul	Salary, July, 1913	\$250 00
Cld.		Hilscher, Ralph	do.	100 00
		Hinds, M. E.	do.	60 00
		Langlier, W. F.	do.	100 00
		Mohlman, F. W.	do.	60 00
W 3	July 23	V. R. Fleming	Traveling expenses	\$ 43 13
W 5	Aug. 21	Pay roll		303 32
		Harnack, Carman	Salary, August, 1913	75 00
		Hart, Eliza	do.	48 32
		Jester, Marie	do.	65 00
		Johnson, J. J.	do.	55 00
		McMullin, Jane	do.	60 00
W 6	..do....	Pay roll		961 66
		Bartow, Edward	do.	291 66
		Corson, H. P.	do.	100 00
		Ferguson, H. F.	do.	60 00
		Hansen, Paul	do.	250 00
		Hilscher, Ralph	do.	100 00
		Langlier, W. F.	do.	100 00
		Mohlmann, F. W.	do.	60 00
W 7	Sept. 22	Pay roll (employees under civil service)		874 99
		Bartow, Edward	Salary, September, 1913	333 33
		Corson, H. P.	do.	125 00
		Hansen, Paul	do.	291 66
		Hilscher, Ralph	do.	125 00
W 8	Oct. 1	M. C. Sjoblom	Traveling expenses	6 70
W 9	..do....	Ralph Hilscher	do.	22 92
W 10	..do....	F. W. Mohlman	do.	6 20
W 11	..do....	W. F. Langlier	do.	42 74
W 12	Oct. 4	O. E. Staples, Bursar	Express bills paid in cash	1 65
W 13	Oct. 6	B. A. Strauch	General supplies	1 80
W 14	..do....	Walter W. and E. D. Hanes' Meat Market	Meat	1 32
W 15	..do....	A. Kroch & Co.	Books	5 10
W 16	..do....	Twin City Ice & Cold Storage Co.	General supplies	4 00
W 17	..do....	Bausch & Lomb Optical Co.	Laboratory apparatus	10 94
W 18	Oct. 16	Walter W. & E. D. Hanes' Meat Market	Laboratory supplies	3 20
W 19	..do....	Twin City Ice & Cold Storage Co.	do.	4 00
W 20	..do....	The Beck Duplicator Co.	Office supplies	2 00
W 21	..do....	International Press Clipping Bureau	Clippings	5 00
W 22	Oct. 18	Western Felt Works	Laboratory apparatus	48 00
W 23	..do....	Irving Pitt Mfg. Co.	Office supplies	2 08
W 24	..do....	A. Kroch & Co.	Books	4 52
W 25	..do....	Keuffel & Esser Co. of New York	Office supplies	13 73
W 26	..do....	Pay roll		1,454 99
		Bartow, Edward	Salary, October, 1913	\$333 33
		Corson, H. P.	do.	125 00
		Ferguson, H. F.	do.	90 00
		Hanford, W. W.	do.	60 00
		Hansen, Paul	do.	291 66
		Hilscher, Ralph	do.	125 00
		Hinds, M. E.	do.	70 00
		Huenink, H. L.	do.	70 00
		Mohlman, F. W.	do.	70 00
		Schenlbach, J. F.	do.	75 00
		Sjoblom, M. C.	do.	75 00
		Tanner, F. W.	do.	70 00
W 27	..do....	Pay roll (employees under civil service)		246 66
		Hart, Eliza	Salary, October, 1913	41 66
		Hetro, Leona E.	do.	50 00
		Jester, Marie	do.	55 00
		Johnson, J. J.	do.	50 00
		McMullen, Jennie B.	do.	50 00
W 28	Oct. 20	Illinois Society of Engineers & Surveyors	Reprints	6 00
W 29	..do....	Knowlton & Bennett	Glass	1 75
W 30	Oct. 24	H. F. Ferguson	Traveling expenses	16 13
W 31	..do....	Twin City Printing Co.	Stamp	30
W 32	..do....	O. E. Staples, Bursar	Sundry bills paid	5 68
W 33	..do....	Cloyde Smith	Wages	6 60
W 34	Oct. 25	The 3-H. Mfg. Co.	Laboratory apparatus	102 00
W 35	Oct. 27	Central Union Telephone Co.	Exchange service	12 00
W 36	..do....	B. A. Strauch	Prints	2 35
W 37	..do....	E. M. Moll	Supplies	1 65
W 38	..do....	Flanigan-Pearson Co.	Padding paper	50
W 39	..do....	Hunter, Rourke & Co.	Cases	40 00
W 40	..do....	M. S. Kibbe	Laboratory apparatus	4 00
W 41	..do....	Spaulding, C. E.	Salary, September and October, 1913	120 00
W 42	Oct. 28	Harry F. Ferguson	Traveling expenses	22 89
W 43	Nov. 6	M. C. Sjoblom	do.	77 00

## WATER SURVEY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
W 44	Nov. 6	Irving-Pitt Mfg. Co.	Office supplies.	\$ 4 81
W 45	do.	Ralph Hilscher	Traveling expenses	16 64
W 46	do.	G. C. Willis	Sheeting.	2 25
W 47	do.	Spaulding & Quirk	Laboratory supplies.	2 50
W 48	Nov. 8	O. E. Staples, Bursar	Office expense bills.	16 67
W 49	Nov. 14	Pay roll (Employees under civil service).	November, 1913.	1,454 99
		Bartow, Edward	Salary, November, 1914	\$333 33
		Corson, H. P.	do.	125 00
		Ferguson, H. F.	do.	90 00
		Hanford, W. W.	do.	60 00
		Hansen, Paul	do.	291 66
		Hilscher, Ralph	do.	125 00
		Hinds, M. E.	do.	70 00
		Huenink, H. L.	do.	70 00
		Mohlman, F. W.	do.	70 00
		Schnellbach, J. F.	do.	75 00
		Sjoblom, M. C.	do.	75 00
		Tanner, F. W.	do.	70 00
W 50	Nov. 14	Pay roll (Employees under civil service).	November, 1913.	246 66
		Hart, Eliza	Salary, November, 1913	41 66
		Herto, Leona E.	do.	50 00
		Jester, Marie.	do.	55 00
		Johnson, J. J.	do.	50 00
		McMullen, Jennie B.	do.	50 00
W 51	Nov. 15	Ralph Hilscher	Traveling expenses	9 68
W 52	do.	Paul Hansen	do.	66 49
W 53	Nov. 20	Illinois State Reformatory	Letterheads.	36 50
W 54	do.	Yawman & Erbe Mfg. Co.	Guides.	4 10
W 55	do.	W. W. & E. D. Hanes Meat Market	Hamburg.	2 40
W 56	do.	O. E. Staples, Bursar	Express bills paid.	1 35
W 57	do.	Twin City Ice & Cold Storage Co.	Ice book.	4 00
W 58	do.	G. C. Willis	Bats cotton.	5 00
W 59	do.	Taylor Hardware Co.	Wrapping paper.	1 56
W 60	do.	Wiley & Sons	Books.	7 24
W 61	do.	J. Bishop & Co. Platinum Works.	Platinum dishes.	444 16
W 62	do.	W. F. Langelier	Traveling expenses.	30 52
W 63	do.	Western Union Telegraph Co.	Message.	30
W 64	do.	General Union Telephone Co.	Service (toll).	1 10
W 65	Nov. 24	Harry F. Ferguson	Traveling expenses.	60 26
W 66	do.	McGraw-Hill Book Co., Inc.	Forms, lettering.	1 70
W 67	Nov. 29	Norton Co.	Crucibles.	1 89
W 68	do.	O. E. Staples, Bursar	Express bills, etc.	5 60
W 69	do.	O. E. Staples, Bursar	Office expense.	42 48
W 70	do.	Ralph Hilscher	Traveling expenses.	15 77
W 71	Dec. 8	Whitall-Tatum Co.	Laboratory supplies.	45 54
W 72	do.	Taylor Hardware Co.	Laboratory apparatus.	12 00
W 73	do.	Edward Bartow	Traveling expenses.	37 50
W 74	do.	Pay roll (Employees under civil service).	December, 1913.	255 00
		Hart, Eliza	Salary, December, 1913.	50 00
		Hetro, Leona E.	do.	50 00
		Jester, Marie.	do.	55 00
		Johnson, J. J.	do.	50 00
		McMullen, Jennie B.	do.	50 00
W 75	do.	Pay roll	December, 1913.	1,514 99
		Bartow, Edward	Salary, December, 1914.	333 33
		Corson, H. P.	do.	125 00
		Ferguson, H. F.	do.	90 00
		Hanford, W. W.	do.	60 00
		Hansen, Paul	do.	291 66
		Hilscher, Ralph	do.	125 00
		Hinds, M. E.	do.	70 00
		Huenink, H. L.	do.	70 00
		Mohlman, F. W.	do.	70 00
		Schnellbach, J. F.	do.	75 00
		Sjoblom, M. C.	do.	75 00
		Spaulding, C. H.	do.	60 00
		Tanner, F. W.	do.	70 00
W 76	Dec. 11	International Press Clipping Bureau.	Clippings.	5 00
W 77	do.	E. H. Sargent & Co.	Laboratory apparatus.	1 60
W 78	do.	D. Van Nostrand Co.	Water.	1 80
W 79	do.	Henry McGlade.	Wire baskets.	3 00
W 80	do.	Twin City Ice & Cold Storage Co.	Ice book.	4 00
W 81	do.	W. Lewis & Co.	Felt.	65
W 82	do.	Paul Hansen	Traveling expenses.	18 99
W 83	Dec. 12	Postal Telegraph Cable Co.	Service.	30
W 84	do.	Western Union Telegraph Co.	do.	1 35
W 85	do.	J. W. Butler Paper Co.	Printing.	18 97

## WATER SURVEY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1913.			
W 86	Dec. 12	Western Society of Engineers.....	Printing.....	\$ 8 50
W 87	..do..	E. H. Sargent & Co.....	Laboratory apparatus.....	17 20
W 88	..do..	W. W. & E. D. Hanes.....	Laboratory supplies.....	3 00
W 89	..do..	Illinois Glass Co.....	..do.....	9 90
W 90	Dec. 18	Ralph Hilscher.....	Traveling expenses.....	28 53
W 91	..do..	F. W. Tanner.....	..do.....	75 54
W 92	..do..	W. F. Langelier.....	..do.....	6 71
W 93	..do..	Wabash R. R.....	Freight.....	92
W 94	..do..	Taylor Hardware Co.....	Laboratory apparatus.....	90
W 95	..do..	Keuffel & Esser & Co.....	Office supplies.....	2 66
W 96	..do..	Central Union Telephone Co.....	Telephone and telegraph.....	10 15
W 97	Dec. 17	O. E. Staples, Bursar.....	Freight and express.....	3 24
W 98	Dec. 19	Western Union Telegraph Co.....	Service.....	1 99
W 99	Dec. 26	Harry F. Ferguson.....	Traveling expenses.....	29 53
W 100	Dec. 30	The Western Union Telegraph Co.....	Service.....	40
W 101	..do..	The Buckeye Stamping Co.....	Boxes.....	7 75
W 102	..do..	The C., C., & St. L. Ry. Co.....	Freight.....	68
	1914.			
W 103	Jan. 5	J. F. Schnellbach.....	Traveling expenses.....	14 34
W 104	Jan. 6	O. E. Staples, Bursar.....	Bills.....	8 35
W 105	..do..	H. W. Johns-Manville Co.....	Furniture and fixtures.....	3 84
W 106	..do..	Philadelphia Books Co.....	Library books.....	5 63
W 107	..do..	G. C. Willis.....	Laboratory supplies.....	5 00
W 108	..do..	E. H. Sargent & Co.....	..do.....	16 50
W 109	..do..	Walker & Mulliken.....	Book sections.....	34 20
W 110	Jan. 9	Henry McGlade.....	Laboratory supplies.....	6 75
W 111	Jan. 12	Ralph Hilscher.....	Traveling expenses.....	2 82
W 112	..do..	M. E. Hinds.....	..do.....	6 69
W 113	Jan. 14	Spalding & Quirk.....	Laboratory supplies.....	3 00
W 114	..do..	Indianapolis Engineering & Electricity Co.....	Printing and publishing.....	1 62
W 115	..do..	International Press Clipping Bureau.....	Incidentals.....	5 00
W 116	..do..	B. A. Strauch.....	General supplies.....	11 89
W 117	Jan. 15	Pay roll.....	January, 1914.....	220 02
		Hetro, Leona E.....	Salary, January, 1914.....	\$ 50 00
		Jester, Marie.....	..do.....	55 00
		Johnson, J. J.....	..do.....	50 00
		Hart, Eliza.....	..do.....	50 00
		McMullen, Jane.....	..do.....	15 02
W 118	Jan. 15	Pay roll.....	January, 1914.....	1,205 02
		Bartow, Edward.....	Salary, January, 1914.....	83 36
		Corson, H. P.....	..do.....	125 00
		Hansen, Paul.....	..do.....	291 66
		Hilscher, Ralph.....	..do.....	126 00
		Ferguson, H. F.....	..do.....	90 00
		Hanford, W. W.....	..do.....	60 00
		Hinds, M. E.....	..do.....	70 00
		Huenink, H. L.....	..do.....	70 00
		Mohlman, F. W.....	..do.....	70 00
		Schnellbach, J. F.....	..do.....	75 00
		Sjoblom, M. C.....	..do.....	75 00
		Tanner, F. W.....	..do.....	70 00
W 119	Jan. 15	O. E. Staples, Bursar.....	Express bills.....	23 60
W 120	Jan. 19	F. W. Mohlman.....	Traveling expenses.....	8 09
W 121	Jan. 20	Edward Bartow.....	..do.....	69 80
W 122	Jan. 22	E. H. Sargent & Co.....	Laboratory supplies.....	10 00
W 123	Jan. 29	F. W. Tanner.....	Traveling expenses.....	28 59
W 124	..do..	C. H. Spalding.....	..do.....	7 04
W 125	..do..	Central Union Telephone Co.....	Telephone and telegraph.....	12 75
W 126	..do..	Western Union Telegraph Co.....	..do.....	63
W 127	..do..	Western Union Telegraph Co.....	..do.....	49 75
W 128	Jan. 30	Western Society of Engineers.....	Printing and publishing.....	9 00
W 129	..do..	O. E. Staples, Bursar.....	Express bills.....	1 60
W 130	Feb. 3	Paul Hansen.....	Traveling expenses.....	25 28
W 131	..do..	Ralph Hilscher.....	..do.....	38 47
W 132	Feb. 4	H. F. Ferguson.....	..do.....	19 24
W 133	Feb. 7	O. E. Staples, Bursar.....	Expressbills.....	6 12
W 134	..do..	Ralph Hilscher.....	Traveling expense.....	19 37
W 135	..do..	International Press Clipping Bureau.....	Clipping service.....	5 00
W 136	..do..	Hanes' Meat Market.....	Meat.....	6 30
W 137	..do..	Twin City Ice & Cold Storage Co.....	Ice book.....	4 00
W 138	..do..	Eimer & Amend.....	Laboratory apparatus.....	16 66
W 139	Feb. 14	Pay roll.....	February, 1914.....	541 66
		Corson, H. P.....	Salary, February, 1914.....	125 00
		Hansen, Paul.....	..do.....	291 66
		Hilscher, Ralph.....	..do.....	125 00
W 140	Feb. 16	Ralph Hilscher.....	Traveling expenses.....	4 96
W 141	..do..	Edward Bartow.....	Association dues.....	5 00
W 142	..do..	U. W. & E. D. Hanes.....	Laboratory supplies.....	4 50

## WATER SURVEY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914.			
W 143	Feb. 16	J. F. Schnellbach	Traveling expenses	\$ 9 66
W 144	.do.	Edward Bartow	.do.	33 24
W 145	Feb. 17	Nitschke Brothers	Office supplies	15 00
W 146	.do.	B. A. Strauch	Developing films	50
W 147	.do.	Eimer & Amend	Laboratory supplies	1 82
W 148	Feb. 19	D. H. Lloyd	Office equipment	1 35
W 149	.do.	Bausch & Lomb Optical Co.	Laboratory apparatus	20 25
W 150	.do.	E. H. Sargent & Co.	Apparatus and supplies	2 82
W 151	.do.	Paul Hansen	Traveling expenses	38 87
W 152	.do.	Ricketts, Hazel	Salary, February, 1914.	40 00
W 153	Feb. 25	Ralph Hilscher	Traveling expenses	30 57
W 154	.do.	E. H. Sargent & Co.	Laboratory apparatus	8 40
W 155	.do.	O. E. Staples, Bursar	Sundry bills paid	5 75
W 156	Mar. 7	O. E. Staples, Bursar	.do.	2 60
W 157	.do.	O. E. Staples, Bursar	Express bills paid	3 23
W 158	.do.	O. E. Staples, Bursar	Bills paid	80 20
W 159	.do.	G. C. Willis	Laboratory supplies	7 50
W 160	.do.	Harry F. Ferguson	Traveling expenses	2 97
W 161	.do.	E. H. Sargent & Co.	Laboratory supplies	5 50
W 162	.do.	United States Aluminum Co.	.do.	6 04
W 163	.do.	D. H. Lloyd	Laboratory apparatus	48 50
W 164	Mar. 11	Ralph Hilscher	Traveling expense	20 00
W 165	.do.	J. F. Schnellbach	.do.	21 74
W 166	.do.	Wabash R. R. Co.	Freight	1 25
W 167	.do.	Twin City Ice & Cold Storage Co.	Laboratory supplies	8 00
W 168	Mar. 13	Pay roll	March, 1914	541 66
		Corson, H. P.	Salary, March, 1914.	\$125 00
		Hansen, Paul	.do.	291 66
		Hilscher, Ralph	.do.	125 00
W 169	Mar. 17	O. E. Staples, Bursar	Express bills paid	3 15
W 170	.do.	Edward Bartow	Traveling expenses	48 03
W 171	.do.	H. P. Corson	.do.	17 93
W 172	.do.	Flanigan-Pearson Co.	Printing	4 75
W 173	Mar. 19	Western Union Telegraph Co.	Telegraph expense	1 35
W 174	.do.	Central Scientific Co.	Laboratory apparatus	50 85
W 175	.do.	Charleston Courier	Reprints	2 50
W 176	Mar. 20	W. W. & E. D. Hanes	Laboratory supplies	3 25
W 177	.do.	H. F. Ferguson	Traveling expenses	17 32
W 178	.do.	Ralph Hilscher	.do.	29 28
W 179	Mar. 21	George E. Frazer, Comptroller	Supplies from University store-room	380 45
W 180	Mar. 23	G. C. Willis	Laboratory supplies	2 20
W 181	Mar. 27	Receivers, Central Union Telephone Co.	Service	1 05
W 182	Mar. 30	Irving-Pitt Mfg. Co.	Office supplies	4 88
W 183	.do.	F. W. Tanner	Traveling expenses	15 59
W 184	.do.	O. E. Staples, Bursar	Sundry bills	5 08
W 185	Apr. 8	Paul Hansen	Traveling expenses	44 76
W 186	.do.	O. E. Staples, Bursar	Express bills paid	4 80
W 187	.do.	M. C. Sjoblom	Traveling expenses	23 31
W 188	.do.	W. W. & E. D. Hanes	Laboratory supplies	1 80
W 189	.do.	B. A. Strauch	General supplies	6 08
W 190	.do.	McGraw Hill Book Co., Inc.	Books	1 28
W 191	.do.	B. E. Spalding	Laboratory supplies	3 00
W 192	.do.	Twin City Ice & Cold Storage Co.	.do.	4 00
W 193	.do.	The Macmillan Co.	Books	1 66
W 194	.do.	The Emil Greiner Co.	Laboratory supplies	9 00
W 195	.do.	International Press Clipping Bureau	Incidentals	5 00
W 196	.do.	O. E. Staples, Bursar	Express bills paid	2 88
W 197	Apr. 13	Pay roll	April, 1914	541 66
		Corson, H. P.	Salary, April, 1914.	125 00
		Hansen, Paul	.do.	291 66
		Hilscher, Ralph	.do.	125 00
W 198	Apr. 17	O. E. Staples, Bursar	Student labor	16 46
W 199	.do.	O. E. Staples, Bursar	Express bills	1 14
W 200	.do.	George Strode	Fixtures	7 00
W 201	.do.	H. F. Ferguson	Traveling expenses	22 60
W 202	.do.	Ralph Hilscher	.do.	11 14
W 203	.do.	Edward Bartow	.do.	61 03
W 204	.do.	Clarence Scholl	.do.	23 37
W 204a	Apr. 18	H. P. Corson	.do.	29 53
W 205	Apr. 25	Pay roll	April, 1914	105 00
		Ricketts, Hazel W.	Salary, April, 1914.	40 00
		Steitz, Carman Harnack	.do.	65 00
W 206	Apr. 28	F. W. Tanner	Traveling expenses	24 68
W 207	.do.	W. J. Smith	Laboratory apparatus	12 50
W 208	.do.	Ernst Hertzberg & Sons	Binding	21 53
W 209	.do.	O. E. Staples, Bursar	Student labor	20 90
W 210	.do.	Illinois Society of Engineers & Surveyors	Dues	4 00
W 211	.do.	B. A. Strauch	Developing and printing	6 95

WATER SURVEY VOUCHERS—*Concluded.*

No.	Date.	To whom.	For what.	Amount.
1914.				
W 212	Apr. 28	Paul Hansen.	Traveling expenses.	\$ 21 08
W 213	..do..	Western Union Telegraph Co.	Service.	2 21
W 214	..do..	Receivers, Central Union Telephone Co.	..do..	13 50
W 215	Apr. 30	Illinois Water Supply Assn.	Advertising.	16 00
W 216	May 4	G. E. Frazer.	Traveling expenses.	1,227 35
W 217	May 8	O. E. Staples, Bursar.	Student labor.	12 10
W 218	..do..	International Press Clipping Bureau.	Press clipping.	.5 00
W 219	..do..	Osgood Co.	Printing and publishing.	19 56
W 220	..do..	Taylor Hardware Co.	Enamel pails.	2 00
W 221	..do..	Twin City Ice & Cold Storage Co.	Laboratory supplies.	8 00
W 222	..do..	Ernst Hertzberg & Sons.	Library.	9 41
W 223	May 8	W. W. & E. D. Hanes.	Laboratory apparatus.	1 80
W 224	May 8	Pay roll.	May, 1914.	541 66
		Corson, H. P.	Salary, May, 1914.	\$125 00
		Hansen, Paul.	..do..	291 66
		Hilscher, Ralph.	..do..	125 00
W 225	May 15	O. E. Staples, Bursar.	Express bills.	8 60
W 226	..do..	Paul Hansen.	Traveling expenses.	59 75
W 227	..do..	E. H. Sargent & Co.	Laboratory supplies.	3 70
W 228	..do..	J. F. Schnellbach.	Traveling expenses.	27 08
W 229	May 21	E. C. Sjoblom.	..do..	22 77
W 230	..do..	Edward Bartow.	..do..	116 27
W 231	..do..	H. F. Ferguson.	..do..	25 44
W 232	May 23	H. F. Ferguson.	..do..	12 08
W 233	..do..	F. W. Tanner.	..do..	2 50
W 234	May 27	H. L. Huenink.	..do..	2 55
W 235	May 29	J. F. Schnellbach.	..do..	55 50
W 236	..do..	W. W. Hanford.	..do..	2 25
W 237	..do..	Paul Hansen.	..do..	80 30
W 238	June 3	Ralph Hilscher.	..do..	34 50
W 239	June 4	F. W. Mohlman.	..do..	11 29
W 240	..do..	H. F. Ferguson.	..do..	1 00
W 241	June 6	Pay roll.	June, 1914.	541 66
		Corson, H. P.	Salary, June, 1914.	125 00
		Hansen, Paul.	..do..	291 66
		Hilscher, Ralph.	..do..	125 00
W 242	June 9	Rogers & Hall Co.	Printing.	709 46
W 243	..do..	H. C. Sjoblom.	Traveling expenses.	6 21
W 244	..do..	H. F. Ferguson.	..do..	15 39
W 245	..do..	Ralph Hilscher.	..do..	41 22
W 246	June 17	Ralph Hilscher.	..do..	13 54
W 247	June 18	M. C. Sjoblom.	..do..	26 59
W 248	..do..	H. F. Ferguson.	..do..	22 86
W 249	June 25	Ralph Hilscher.	..do..	27 33
W 250	June 26	Paul Hansen.	..do..	13 77
W 251	..do..	A. H. Bennett.	..do..	14 91
W 252	June 30	H. P. Corson.	..do..	10 14
W 253	..do..	Ralph Hilscher.	..do..	3 60
W 254	..do..	W. F. Langlier.	..do..	101 73

## MECHANICS' AND MINERS' INSTITUTES VOUCHERS.

1913.				
MM 1	July 21	S. O. Andros.	Salary, July, 1913.	\$150 00
MM 2	Aug. 21	S. O. Andros.	Salary, August, 1913.	150 00
MM 3	Sept. 16	H. H. Stoek.	Traveling expenses.	5 52
MM 4	Oct. 3	S. O. Andros.	Salary, September, 1914.	150 00
MM 5	Sept. 30	H. D. Easton.	Traveling expenses.	7 55
MM 6	Oct. 4	Daisy Swearingen.	Salary, September, 1913.	50 00
MM 7	Oct. 10	Ira D. Shaw.	Traveling expenses.	28 87
MM 8	..do..	O. E. Staples, Bursar.	Temporary labor paid in cash.	11 63
MM 9	Oct. 18	S. O. Andros.	Salary, October, 1914.	150 00
MM 10	Nov. 29	O. E. Staples, Bursar.	Telegraph bills.	1 12
MM 11	Dec. 9	Remington Typewriter Co.	Office supplies.	70 00
MM 12	Dec. 18	Wabash R. R.	Freight.	1 94
MM 13	Dec. 20	H. H. Stoek.	Traveling expenses.	93 79
MM 14	..do..	H. H. Stoek.	..do..	4 70
MM 15	Dec. 30	Peck & Hills Furniture Co.	Desk.	27 50
MM 16	..do..	Browne-Morse Co.	Desk, etc.	44 40
1914.				
MM 17	Jan. 14	Peck & Hills Furniture Co.	Furniture.	24 50
MM 18	Jan. 28	R. Y. Williams.	Salary, January, 1914.	333 33
MM 19	Jan. 15	O. E. Staples, Bursar.	Express bills.	10 65
MM 20	Feb. 1	R. Y. Williams.	Salary, February, 1914.	333 33
MM 21	Feb. 16	Alexander H. Revell & Co.	Furniture.	3 00

## MECHANICS' AND MINERS' INSTITUTES VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914.				
MM 22	Feb. 16	Automatic Electric Co.	Office equipment.	\$ 27 50
MM 23	..do..	D. H. Lloyd.	do.	56 40
MM 24	Mar. 3	W. L. Morgan.	Salary, February, 1914.	75 00
MM 25	Feb. 25	O. E. Staples, Bursar.	Sundry bills paid.	48 95
MM 26	Mar. 9	Del., Lack. & Western R. R. Co.	Photographs.	32 50
MM 27	Mar. 13	Pay roll.	March, 1914.	483 33
		Morgan, W. L.	Salary, March, 1914.	\$150 00
		Williams, R. Y.	do.	333 33
MM 28	Mar. 14	R. Y. Williams.	Traveling expenses.	39 13
MM 29	..do..	H. H. Stook.	Telephone.	1 30
MM 30	..do..	Osgood Engraving Co.	Printing.	21 75
MM 31	..do..	B. A. Strauch.	Photograph supplies.	51 20
MM 32	..do..	Edward C. Lee.	Salary, March, 1914.	80 77
MM 33	Mar. 20	Western Carbon & Ribbon Co.	Office supplies.	2 22
MM 34	..do..	O. E. Staples, Bursar.	Sundry bills paid.	48 86
MM 35	Mar. 30	Chas. F. Sherman.	Traveling expenses.	5 10
MM 36	Apr. 8	E. C. Lee.	Traveling expenses.	58 08
MM 37	..do..	Central Union Telephone Co.	Telephone.	3 21
MM 38	..do..	O. E. Staples, Bursar.	Sundry bills paid.	30 45
MM 39	..do..	O. E. Staples, Bursar.	do.	1 13
MM 40	..do..	Wm. Ainsworth & Sons.	Laboratory apparatus.	208 90
MM 41	..do..	Longmans, Green & Co.	Books.	22 00
MM 42	..do..	W. & L. E. Gurley.	Laboratory apparatus.	69 75
MM 43	Apr. 9	T. H. Schutte.	Expert service.	5 00
MM 44	..do..	Clarence Bonnell.	do.	12 50
MM 45	..do..	E. C. Lee.	Traveling expenses.	20 96
MM 46	Apr. 13	Pay roll.	April, 1914.	633 33
		Lee, Edward C.	Salary, April, 1914.	150 00
		Morgan, W. L.	do.	150 00
		Williams, R. Y.	do.	333 33
MM 47	Apr. 17	O. E. Staples, Bursar.	Express bills paid.	5 62
MM 48	..do..	Keuffel & Esser Co. of New York.	Laboratory apparatus.	22 47
MM 49	..do..	A. C. McClurg & Co.	Books.	35 88
MM 50	Apr. 18	R. Y. Williams.	Traveling expenses.	51 05
MM 51	Apr. 20	Alexander Brothers Co.	Laboratory apparatus.	71 00
MM 52	..do..	O. E. Staples, Bursar.	Express bills paid.	3 34
MM 53	..do..	Fullerton Fulton.	Expert service.	40 00
MM 54	..do..	Fullerton Fulton.	Traveling expenses.	32 30
MM 55	..do..	Harvey E. Smith.	Salary, April, 1914.	132 69
MM 56	Apr. 1	Western Union Telegraph Co., Receivers	Messages.	1 19
MM 57	..do..	Central Union Telephone Co.	Rental, service.	9 05
MM 58	..do..	The C., C. & St. L. Ry. Co.	Freight.	1 71
MM 59	..do..	McGraw-Hill Book Co., Inc.	Books.	15 30
MM 60	..do..	Joseph F. McCoy Co.	Apparatus.	48 80
MM 61	..do..	Browne-Morse Co.	Furniture.	42 80
MM 62	..do..	Koehler Mfg. Co.	Lamps.	24 00
MM 63	..do..	International Textbook Co.	Books.	61 61
MM 64	..do..	Flanigan-Pearson Co.	Printing.	542 20
MM 65	..do..	Keuffel & Esser Co. of New York.	Apparatus.	60 91
MM 66	..do..	The Wabash R. R.	Freight.	1 34
MM 67	Apr. 29	Fred H. Kay.	Services.	5 00
MM 68	..do..	Hughes Bros.	Lamps.	16 17
MM 69	..do..	Central Scientific Co.	Apparatus.	204 44
MM 70	..do..	Ella S. Zipprott.	Salary, March and April, 1914.	100 00
MM 71	May 8	John Riley & Sons, Inc.	Library books.	14 85
MM 72	..do..	D. Van Nostrand Co.	do.	12 00
MM 73	..do..	McGraw-Hill Book Co., Inc.	do.	8 93
MM 74	..do..	Eugene Dietzgen Co.	Laboratory apparatus.	193 25
MM 75	..do..	Ackroyd & Best, Ltd.	do.	19 71
MM 76	..do..	Central Scientific Co.	do.	50 00
MM 77	..do..	W. L. Morgan.	Traveling expenses.	37 50
MM 78	May 11	E. C. Lee.	Traveling expenses.	120 64
MM 79	..do..	R. Y. Williams.	do.	17 26
MM 80	May 13	Wabash R. R.	Freight.	1 25
MM 81	..do..	Technical Supply Co.	Library books.	15 75
MM 82	..do..	O. E. Staples, Bursar.	Express bills.	7 71
MM 83	..do..	George Strode.	Furniture and fixtures.	16 50
MM 84	..do..	Ella S. Zipprott.	Salary, May, 1914.	50 00
MM 85	May 14	Pay roll.	May, 1914.	783 33
		Lee, Edward C.	Salary, May, 1914.	150 00
		Morgan, W. L.	do.	150 00
		Smith, Harvey E.	do.	150 00
		Williams, R. Y.	do.	333 33
MM 86	May 18	A. C. McClurg & Co.	Books.	80 89
MM 87	..do..	Peck & Hills Furniture Co.	Furniture and fixtures.	26 95
MM 88	..do..	B. A. Strauch.	Laboratory apparatus.	15 50
MM 89	..do..	The Draeger Oxygen Apparatus Co.	do.	124 05
MM 90	..do..	McGraw-Hill Book Co., Inc.	Books.	89 92
MM 91	..do..	W. L. Morgan.	Traveling expenses.	27 71

MECHANICS' AND MINERS' INSTITUTES VOUCHERS—*Concluded.*

No.	Date.	To whom.	For what.	Amount.
	1914.			
MM 92	May 19	H. McJohnston.....	Lectures.....	\$ 4 00
MM 93	..do..	Clarence Bonnell.....	..do.....	32 50
MM 94	..do..	T. H. Schutte.....	..do.....	37 50
MM 95	..do..	A. P. Kratz.....	..do.....	5 00
MM 96	..do..	A. K. Chittenden.....	Lecture.....	1 00
MM 97	May 21	Varsity Amusement Co.....	Rent.....	10 00
MM 98	..do..	Scientific Materials Co.....	Laboratory apparatus.....	40 00
MM 99	May 22	McGraw-Hill Book Co.....	Library.....	33 83
MM 100	May 23	R. Y. Williams.....	Traveling expenses.....	11 74
MM 101	..do..	Central Scientific Co.....	Laboratory apparatus.....	8 00
MM 102	..do..	Hill Publishing Co.....	General supplies.....	4 50
MM 103	May 27	Queensland Geological Survey.....	Publication.....	3 22
MM 104	..do..	H. H. Stoeck.....	Traveling expenses.....	10 00
MM 105	..do..	Receivers, Central Union Telephone Co.....	Telephone.....	4 42
MM 106	May 28	The Draeger Oxygen Apparatus Co.....	Apparatus repairs.....	1 56
MM 107	..do..	D. H. Lloyd.....	Furniture and fixtures.....	102 08
MM 108	May 29	E. A. Holbrook.....	Lectures.....	45 50
MM 109	..do..	C. W. Balke.....	Expert services.....	6 00
MM 110	..do..	E. B. Paine.....	..do.....	12 00
MM 111	..do..	O. A. Randolph.....	Lecture.....	2 00
MM 112	..do..	S. O. Andros.....	Lectures.....	10 00
MM 113	June 2	O. E. Staples, Bursar.....	Express bills.....	6 51
MM 114	June 4	H. E. Smith.....	Traveling expenses.....	36 55
MM 115	June 5	R. T. Williams.....	..do.....	30 99
MM 116	June 6	D. H. Lloyd.....	Books.....	7 50
MM 117	..do..	Pech & Hills Furniture Co.....	Furniture and fixtures.....	4 17
MM 118	..do..	Funk & Wagnalls Co.....	Books.....	13 81
MM 119	..do..	Bausch & Lomb Optical Co.....	Laboratory apparatus.....	344 70
MM 120	..do..	Pay roll.....	June, 1914.....	783 33
		Lee, Edward C.....	Salary, June, 1914.....	\$150 00
		Morgan, W. L.....	..do.....	150 00
		Smith, Harvey E.....	..do.....	150 00
		Williams, R. Y.....	..do.....	333 33
MM 121	..do..	Pay roll.....	June, 1914.....	50 00
		Zipprodt, Ella S.....	Salary, June, 1914.....	\$50 00
MM 122	June 8	Clarence Bonnell.....	Lecture.....	30 00
MM 123	June 9	T. H. Schutte.....	Expert services.....	25 00
MM 124	June 11	W. L. Morgan.....	Traveling expenses.....	34 25
MM 125	June 12	E. C. Lee.....	..do.....	67 37
MM 126	..do..	Peter Roberts.....	..do.....	85 81
MM 127	June 19	Central Scientific Co.....	Laboratory apparatus.....	40 50
MM 128	June 22	A. C. McClurg & Co.....	Books.....	12 00
MM 129	June 23	D. H. Lloyd.....	Furniture and fixtures.....	127 24
MM 130	..do..	David O. Thomas.....	Lecture.....	27 50
MM 131	..do..	C, C, C. & St. L. Ry. Co.....	Freight.....	1 81
MM 132	June 24	McGraw-Hill Book Co.....	Books.....	31 04
MM 133	..do..	George E. Frazer, Comptroller.....	Building repairs.....	9 37
MM 134	..do..	George E. Frazer, Comptroller.....	Office supplies.....	114 11
MM 135	..do..	George E. Frazer, Comptroller.....	Clerical assistance.....	3 41
MM 136	..do..	H. E. Smith.....	Traveling expenses.....	21 49
MM 137	June 25	Pantagraph Printing & Stationery Co.....	Printing.....	145 50
MM 138	June 27	General Electric Co.....	Laboratory apparatus.....	94 00
MM 139	June 30	Geo. E. Frazer, Comptroller.....	Material.....	48 65
MM 140	..do..	C, C, C. & St. L. Ry. Co.....	Freight.....	7 77
MM 141	..do..	Receivers, Central Union Telephone Co.....	Toll.....	3 47

## INDEX.

- Abbott, A. N., degree, 47.  
 lease, 743.  
 Abbott, A. W., degree, 47.  
 Abbott, Helen, degree, 229.  
 Abbott, S. D., degree, 232.  
 Abbott, Pres. W. L., absence of, 87.  
 Chairman of Buildings and Grounds Committee, 505.  
 committees appointed by, 505.  
 delegation of signature, legality, 768.  
 elected President of Board, 195, 726.  
 letter, Conkle property, 146.  
 letter, deed and bill of sale from the College of P. and S., 204.  
 letter, inspection for personal hazards, 205.  
 letter, notice to ex-Treasurer Haugan of Treasurer Bussey's election, 223.  
 report, opening street through Pharmacy lot, 758.  
 Abney, M. D., degree, 45.  
 Abrams, D. A., appointment, 81, 617.  
 Acer, H. A., degree, 45.  
 Accountancy, appointments in, 147.  
 examiners in, appointment to Board, 34, 723.  
 Public, professorship of, 160.  
 Accounts receivable, miscellaneous, 689.  
 Ackerman, A. G. C., appointment to Advisory Board, Pharmacy, 65.  
 Ackert, J. E., degree, 238.  
 Acoustic defects of Auditorium, appropriation for remedying, 696, 758.  
 Professor Sabine to examine, 658.  
 report of progress, 152.  
 Adams, C. C., appointment, 78, 613.  
 Adams fund, 689.  
 transfer of, 759.  
 Adams, Mabel I., degree, 53.  
 Adams, W. C., appointment, 612.  
 Addition to Woman's Building, appropriation, 100, 111, 192.  
 Address to the General Assembly, 206.  
 Adler, F. H., degree, 237.  
 Adler, Clay, appointment, 674.  
 Administrative appointments, 73.  
 Budget 1912-13, 72.  
 expenses, 689.  
 Administrative offices,  
 budget, 73, 689.  
 reappointments and increases in salaries, 73.  
 college funds, 692.  
 Hatch funds, 692.  
 Adams funds, 692.  
 Administration Building, addition to Commerce Building for, see Commerce Building.  
 Administration, Council of, recommendation, deposit to be charged for Keys, 182.  
 laboratory fees in chemistry and household science, 211.  
 fee in animal husbandry, 30, 740.  
 resolutions, 726.  
 Admission, requirements for,  
 College of Dentistry, 661.  
 College of Law, 185, 672.  
 College of Medicine, 197, 671.  
 School of Pharmacy, 600, 641, 760.  
 changes, 600, 763.  
 Adriance, R. G., degree, 44.  
 Adrounie, H. A., degree, 239.  
 Advisers, for freshmen in L. A. & S. system, 602-603.  
 Adviser of Foreign Students, salary, 662.  
 Advisory Board, College of Law, recommendation, 185.  
 School of Pharmacy, appointment to, 600.  
 Advisory Committees, College of Agriculture, 669, 759.  
 Ages, average, students in College of Engineering, 178.  
 Agricultural balances reappropriated, 761.  
 Agricultural Building,  
 appropriation for walks and drives around, 120.  
 changes in rooms 118 and 455-6, 591.  
 frame construction, original cost, 149.  
 original cost, 148.  
 roofing of court, 42.  
 Agricultural Departments, Commercial activities of, 730.  
 general principles governing, 733.  
 Agricultural Experimentation,  
 Deed of Land, 648.  
 land for, 749.  
 leases of fields for, 718, 741, 772.  
 Agricultural Experiment Station,  
 appropriation, 119.  
 budget, 617.  
 funds reappropriated, 761.  
 Vice Director's Balance, 785.  
 transfer of funds, 183.  
 Comptroller's Report, 217.  
 Agricultural extension, department of,  
 budget, 81, 617, 692.  
 Smith-Lever Bill, 766.  
 transfer of funds, 199.  
 Agricultural funds, reappropriation of, 761.  
 Agriculture, College of,  
 advisory committees, 669, 759.  
 appropriation for, 119.  
 assignment of balances, 245.  
 budget, 617, 692.  
 committee on, 90.  
 entrance requirements, 763.  
 general office, stenographer appointed, 54.  
 income from departmental sales, 689.  
 list of degrees, 232.  
 needs presented, 136.  
 new professorships, 70.  
 transfer of funds, 199, 741.  
 traveling fellowship in, 746.  
 Agriculture, Committee on, 205.  
 report, 42, 90.  
 Agriculture, Summer session appointments, 770.  
 Agriculture, College and Station,  
 budget, 81.  
 reappointments and increases in salaries, 81, 83.  
 Agronomy Building,  
 original cost, 148.  
 painting, 41.



- Agronomy, department of.  
   budget, 81, 617-618.  
   laboratory, appropriation asked, 192.  
   list of experiment fields operated by, 742.  
   petty cash fund established, 601.  
 Ainsworth, Walter W., degree, 45.  
 Aisenstadt, E. A., degree, 53.  
 Akin, Ida E., degree, 48.  
 Alband, Lillian M., degree, 229.  
 Albrecht, A. J., degree, 44.  
 Albrecht, W. A., scholarship in Agronomy, 751.  
 Albright, R. H., degree, 231.  
 Alden, R. M., appointment, 609.  
 Alderson, A. L., degree, 53.  
 Aldes, Harry, degree, 53.  
 Aldrick, H. G., degree, 231.  
 Aldridge, J. W., degree, 289.  
 Alexander, Dr. David, appointment, 645.  
   attending physician, 661.  
 Alexander, Lilla M., appointment, 54, 85, 622.  
 Algae, gift of collection, 761.  
 Alkire, Hazel E., degree, 44.  
 Allan, M. E., degree, 54.  
 Allee, W. C., appointment, 76.  
 Allen, Albert, degree, 53.  
 Allen, C. H., appointment, 77, 612.  
 Allen, E. D., degree, 45.  
 Allen, Louis, degree, 229.  
   honors, 238.  
   scholarship, 222.  
   appointment, 674.  
 Allen, O. W., appointment, 768.  
 Allen, Ralph, Jr., degree, 47.  
 Allen, Ruby L., degree, 229.  
 Allen, W. M., Son & Co., bid on Transportation Building, 42.  
 Alley, ordinance vacating, on site of Education Building, 723, 762.  
 Alley, W. E., appointment, 80, 615.  
 Allison, C. W., degree, 230.  
 Allison, H. O., degree, 235.  
 Allison, I. D., appointment, 748.  
 Alumnae Association of Chicago, resolutions, 726.  
 Allyn, O., degree, 47.  
   appointment, 82, 618.  
 Alumni Association of Chicago, resolutions offered, 726.  
   College of Dentistry, for reopening of College of Dentistry, 177.  
   President to attend meetings, 702.  
   College of Medicine, resolutions, 726.  
   Gregory Memorial Building, 666.  
*Alumni Quarterly*, appropriation, 87, 696.  
*Alumni Record*, appropriation, 71.  
   financial statement, 71.  
   report on printing of, 242.  
 Alvord, C. W.,  
   appointment, 601.  
   leave of absence, 746.  
   request, historical review, 704.  
   salary, 610.  
 Alyea, O. E., degree, 53.  
 Amendment to By-Laws, article V, sec. 1, 196.  
 Amendment of Rule 13a, 704.  
*American Mathematical Monthly*, subsidy, 78.  
 Amman, J. F., presented needs of Floriculture, 136.  
 Amos, W. L.,  
   appointment, 74, 608.  
 Anders, P., appointment, 705.  
 Anderson, A. F., degree, 745.  
 Anderson, A. R., degree, 50.  
 Anderson, Clair E., degree, 236.  
 Anderson, C. F., degree, 229.  
 Anderson, C. T., degree, 50.  
 Anderson, G. V., degree, 47.  
 Anderson, Isabella, degree, 229.  
 Anderson, L. F.,  
   appointment, 72, 609.  
   Summer session appointment, 770.  
 Anderson, M. E., letter from, 597.  
 Anderson, S. H., degree, 52.  
 Andrews, J. B., degree, 232.  
 Andrews, O. M., appointed Scientific Artist, 598.  
 Andrews, Peach H., degree, 229.  
 Andrews, W. O., degree, 231.  
 Andros, S. O., appointment, 80, 616.  
 Animal Husbandry Building, completion of,  
   appropriation asked, 192.  
 Animal husbandry, department of, appropriations and salaries, 82.  
   department of assistant professorship, 119.  
   budget, 82, 618, 619, 692.  
   transfer of funds, 759.  
   fee authorized, 740.  
 Animal nutrition, reconstruction of rooms for work in, 672.  
 Animal pathology, professorship established, 70.  
 Anspach, B. S., degree, 239.  
 Anthony, G. A.,  
   invitation, 122.  
   vote of thanks, 133.  
 Apgar, L. M., degree, 46, 236.  
 Apparatus and appliances, appropriation asked, 190.  
 Appelle, C. G., appointment, 674.  
 Applied Mechanics Laboratory, original cost, 148.  
 Appointment of Relatives, interpretation of rule in regard to, 149.  
 Appointments, 54, 65, 92, 103-105, 107, 119, 120, 124, 140, 142, 146, 147, 154, 160, 162, 163, 176, 178, 179, 181, 184, 200, 205, 214, 221, 227, 260, 269, 271, 598, 626, 627, 628, 630, 646, 649, 667, 674, 705, 723, 738, 748, 767, 768.  
   Summer session, 770.  
   scholars and fellows, 55.  
 Appraisal of buildings, grounds and equipment, 110, 116, 183.  
 Appropriation Bill before General Assembly, resolutions concerning, 259.  
 Appropriation Bill, University, signed by Gov. Dunne, 263.  
 Appropriations,  
   Alumni record, 71.  
   authorized for College of Medicine, 210.  
 Approval of minutes, 121, 133, 155, 163, 171, 178, 202, 228, 263, 687, 688, 726, 745, 753.  
 Arbuckle, G. S., degree, 47.  
 Architecture, department of, budget, 79, 87, 614.  
 Architect, State, *see* Dibelka, J. B.  
 Architect, Supervising, office of,  
   appointment of assistant, 92.  
   assignment of funds to, 201.  
   *see also* White, J. M.  
 Architectural engineers, Llewellyn prize for, 244.  
 Architecture, Plym fellowship in, awarded, 239.  
 Arctic expedition, Crockerland, 193, 209.  
 Armeson, Mabel L., appointment, 674.  
 Armory, new,  
   additional plans, 200.  
   completion of plans, 91.  
   contracts,  
     completion, 601, 727.  
     concrete floor, stucco ends, 756.  
     ends, completion of, 698.  
     ends, grading, and floor, 625.  
     lighting system, 625.  
     heating apparatus, 625.  
   cost of completing, 148.  
   cost, original, 148.  
   dedication of, 666.  
   double glazing windows in ends, 757.  
   flooring, kind of, 271.  
   heating apparatus for, 756.  
   lighting system for, 757.

- Armory, new—Concluded.  
pavement in front of, 256.  
plans for, 88.  
temperature control, 756.  
stucco finish for north and south sides, 756.
- Armory, old.  
charge for use of for dances, 266.  
cost, original, 148.  
pavement in front of, 256.  
repairs, 757.  
to be assigned to department of physical training, 757.
- Armstrong, E. K., appointment, 645.
- Armstrong, F. J., degree, 53.
- Armstrong, Louise C., degree, 44.
- Arnold, G. C., degree, 213.
- Arnold, Noble, degree, 232.
- Aron, R., authority for purchase of library of, 259.
- Art and Design, department of.  
budget, 75, 609, 690, 691.  
Summer session appointments, 770.
- Art Metal Construction Co., bid on book stacks, 728.
- Asger, M. E., degree, 54.
- Ash, Mrs. E. L., appointment, 85.
- Ash, Percy, appointment, 646.
- Ashley, June M., appointment, 107.  
degree, 235.
- Ashley, S. P., degree, 54.
- Ashton, Pearl W., degree, 45.
- Assignment of balances, College of Agriculture, 245.
- Assignment of funds,  
College of Medicine, 656.  
for student assistance in industrial chemistry, 133.
- Assignment of rooms to student organizations, 142.
- Assistants and instructors on one year appointments, resolutions, 726.
- Astronomical Observatory, original cost, 148.
- Astronomy, department of, budget, 76, 611, 690, 691.
- Athletic conference, resolutions, University of Michigan, 567.
- Atkinson, A. K., degree, 230.
- Atkinson, C. E., appointment, 72, 74, 608.
- Atkinson, F. M., degree, 229.
- Attebery, C. W., degree, 47.
- Attorney, power of, to sign customs bonds, 226.
- Atwell, Ruth S., appointment, 197.
- Atwood, C. C., degree, 232.  
final honors, 238.
- Atwood, M. J., fellowship in political science, 222.
- Audit of Accounts,  
College of Physicians and Surgeons, 196.  
ex-treasurer's accounts, 208.  
proposal for, 211.  
report, 144, 202, 261, 733, 772.
- Auditor's report, 62, 134, 649, 672.
- Auditor, State.  
balances, 774, 777.  
demand for receipts, 663.  
reconciliation of warrant registers, 681, 777.
- Auditorium,  
acoustics of, Professor Sabine invited to make recommendations, 658.  
report of progress, 152.  
appropriation for suitable approach, 120.  
fixed change for use of, for entertainments, 265.  
organ loft and acoustics, 696, 758.  
original cost, 148.
- Augustus property, purchase approved, 639.
- Aumer, J. P., appointment, 81, 617.
- Aust, F. A., appointment, 674.
- Austin, C. C., degree, 237.
- Austin, Louise, scholarship in classics, 222.
- Automatic controller for electric motors, gift of, 175.
- Averill, H. W., degree, 239.
- Axle and wheels for locomotive testing laboratory presented, 146.
- Ayer, T. P., appointed Shelf Assistant in Library, 659.
- Babbitt, Albert, scholarship, 752.
- Babbitt, H. E., appointment, 646.
- Babcock, Dean K. C., appointment, 200, 205, 608.  
request, freshmen advisers, 602, 603.
- Babcock & Wilson Boiler Co., contract for boilers, 768.
- Babcock Street and Goodwin Avenue, land between, action taken on recommendation of Finance Committee, 652.
- Bach, Beulah W., degree, 44.
- Bachelle, C. V., appointment, 644.
- Bachelor of Arts degree, requirements for, 764.
- Bachelor of Science degree, requirements for, 765.
- Back, Robert, appointment, 178, 614.  
degree, 231.  
special honors, 238.
- Bacon, C. S., appointment, 644.
- Bacteriology, department of.  
budget, 76, 611, 690, 691.  
import order authorized, 724.
- Badger, H. S., degree, 232.  
final honors, 238.
- Badzmirowski, M. J., degree, 239.
- Bagley, G. D., degrees, 46, 236.  
final honors, 52.
- Bagley, W. C.,  
appointment, 72, 609.  
letter, educational survey, 722.  
presented needs of School of Education, 136.  
Summer session appointment, 770.
- Bailey, E. W.,  
Henry Strong scholarship, 132.  
appointment, 620.
- Bailey, Margaret L.,  
awarded post-doctorate fellowship, 71.  
degree, 52.
- Bailey, R. E., degree, 232.
- Baines, O. R., degree, 45.
- Bainum, G. C., degree, 229.
- Bair, W. H., appointment, 80, 616.
- Baird, Ethel M., degree, 230.
- Baird & Howe, bids, floricultural and vegetable and plant breeding houses, 155.
- Bake, L. E., appointment, 646.
- Baker, H. L., appointment, 645.
- Baker, I. O., appointment, 614.  
request for Summer camp, 197.  
recommendation, 103.  
purchase of land, 197.
- Baker, J. C., letter from, 597.
- Baker, Laura M., degree, 44.
- Baker, R. E., appointment, 104, 612.
- Balance appropriated, Graduate School, 153.
- Balances, assignment of, College of Agriculture, 245.
- Balances, reappropriation of, 70.
- Baldwin, E. C., appointment, 609.
- Baldwin, E. R., degree, 47.
- Baldwin, Jessie E., degree, 48.
- Baldwin, Mammie A., degree, 45.
- Baldwin, L. B., suit to recover rent, 137.
- Balke, C. W.,  
appointment, 73, 612.  
Summer session appointment, 770.
- Ball, T. R., appointment, 612, 738.

- Ballenger, J. R., appointment, 646.  
 Ballenger, W. L., appointment, 645.  
 Balmer, F. B., degree, 213.  
 Bamberger, Arrie,  
 appointment, 661.  
 attending physician, 645.  
 Bane, Geneva M., degree, 47.  
 Bane, Juliet L., degree, 47.  
 Band scholarships, appropriation, 87, 696.  
 Barbecue for Illinois Cattle Feeders' Association, proposed, 592.  
 Barber, Julia M., degree, 229.  
 scholarship, 752.  
 Barber, L. C., degree, 229.  
 Barger, Panzy L.,  
 appointment, 78.  
 degree, 49.  
 Barker, F. D., Summer session appointment, 772.  
 Barlow, Bronson,  
 appointment, 107, 646.  
 appointment authorized, 260.  
 degree, 236.  
 Barlow-Smith, Constance, appointment, 83, 620.  
 Barnes property, purchase ordered, 654.  
 Barnes and Forbes properties, purchase of, 753.  
 Barnhart, J. M.,  
 appointment, 82, 619.  
 degree, 50.  
 Barnett, I. F., degree, 239.  
 Barnum, M. H. and M. K., gifts to museum, 657.  
 Barrett, C. W., appointment, 644.  
 Barrett, O. G., degree, 47.  
 Barron, Annie E., appointment, 646.  
 Barrow, Wade, Guthrie and Co., audit report, 225.  
 Barry, Mary C., degree, 44.  
 Bartells, H. H.,  
 appointment, 107.  
 degree, 231.  
 Bartlett, F. K., appointment, 674.  
 Barto, D. O., appointment, 619.  
 Barto, P. S.,  
 appointment, 75, 610.  
 degree, 237.  
 Summer session appointment, 770.  
 Barton, H. J.,  
 appointment, 75, 609.  
 Summer session appointment, 771.  
 Bartow, Edward,  
 appointment, 72, 612, 629.  
 recommendation, Water Survey, 271, 629.  
 request, 199.  
 Bascome, B. S., degree, 231.  
 Baskind, N. I., degree, 239.  
 Bassett, C. W., degree, 47.  
 Bassler, H. H., degree, 239.  
 Bates, S. C., degree, 45.  
 Bates, S. J.,  
 appointment, 104, 599, 612.  
 degree, 51.  
 Batkin, P. J., appointment, 123.  
 Bauer, F. C.,  
 appointment, 82, 618.  
 Summer session appointment, 770.  
 Bauer, F. W., degree, 45.  
 Baum, A. E., degree, 45.  
 Bauman, L. P., degree, 232.  
 Baumann, T. A., degree, 45.  
 Bayley, P. L.,  
 fellowship in physics, 752.  
 scholarship, 222.  
 Bayley, W. S., appointment, 613.  
 Baxter, F. G., degree, 49.  
 Beach, Robin, appointment, 674.  
 Beal, G. D.,  
 appointment, 77, 612.  
 Summer session appointment, 770.  
 Beal, J. H., to conduct research work in pharmacy, 765.  
 Beall, C. W., degree, 45.  
 Beard, J. H.,  
 appointment, 73, 613.  
 extra compensation, 721.  
 Bebb, Kenneth, degree, 47.  
 Bebb, M. R.,  
 degree, 233.  
 final honors, 238.  
 Bebb, Mabel F., degree, 45.  
 Beck, J. B., appointment, 610.  
 Beck, J. C., appointment, 645.  
 Becker, A. J., appointment, 107.  
 Becker, Edna, degree, 745.  
 Becker, Georgia, appointment, 750.  
 Becker, M. L., degree, 232.  
 Beckington, O. R., degree, 44.  
 Beef breeds, purchase of specimens, appropriation asked, 791.  
 Beef Cattle Building, original cost, 148.  
 Beem, Ione F., degree, 239.  
 Beers, Cyrenius, Jr., degree, 47.  
 Beilin, A. M., degree, 53.  
 Bell, J. E.,  
 appointment, 77.  
 degree, 237.  
 Beckley, B. R., degree, 45.  
 Belt, J. H.,  
 degree, 46.  
 research fellowship, 222.  
 Belting, C. H., degree, 47.  
 Belting, P. E., degree, 44.  
 honors, 52.  
 Belts and sabres to be given to officers in the regiment, 226.  
 Benedict, B. W., appointment, 615.  
 Bennett, A. N., appointment, 769.  
 Bennett, C. S., degree, 50.  
 Bennett, C. E., degree, 44.  
 Bennett, J. B.,  
 bid, addition to library, 728.  
 protest against noise of Locomotive Testing Laboratory, 724.  
 Bennett, S. A., degree, 44.  
 Bennitt, R. A., degree, 231.  
 Benson, E. O., appointment, 644.  
 Bentley, I. M., appointment, 103, 610.  
 Berbaum, Edward, appointment, 615.  
 Berg, E. J., request, 272.  
 Bergeim, Olaf, degree, 50.  
 Berger, F. E., degree, 231.  
 Berger, J. M., appointment, 645.  
 Berger, Wallace, degree, 231.  
 Berkemeyer, W. C., degree, 46.  
 Bernard, F. S., appointment, 646.  
 Berry, E. B., degree, 54.  
 Berry, E. H., appointment, 674.  
 Bevier, Isabel, appointment, 72, 83, 620.  
 Beyer, Melinda L., appointment, 675.  
 Beyer, Vera, appointment, 769.  
 Beyerlein, A. L., degree, 53.  
 Bicknell, G. H., degree, 54.  
 Bids,  
 authorized for Stock Pavilion, 129.  
 on wiring, plumbing, etc., for certain building, 649.  
 service buildings for horticultural greenhouses, 117.  
 Transportation Building, 42.  
 see also names of buildings.  
 Bids and Contracts,  
 vegetable greenhouses, 106.  
 report of, 662.  
 Biegler, P. S., appointment, 646.  
 Biesta, E. H., degree, 54.  
 Biester, Alice,  
 degree, 45, 234.  
 final honors, 52.  
 Billman, DeWitt, degree, 48.  
 Binding, L. R., appointment, 107, 618.  
 Birds' eggs, gift to museum, 657.  
 Birk, J. W., appointment, 646.  
 Biroth, Henry, memorial resolutions, 64.  
 Black, C. D., degree, 50.  
 Black, J. L., signing of bond, 207.  
 Black, R. O., degree, 44.

- Blackall, C. H.,  
bill allowed professional services, 214.  
letter, site for new Library Building,  
264.
- Blackburn College, lease of field, 742.
- Blackburn, R. E., degree, 232.
- Blackwell, Mary, appointment, 85, 623.
- Blair, C. P., degree, 53.
- Blair, E. L., degree, 47.
- Blair, F. G., appointed to Buildings and  
Grounds Committee, 205.
- Blair, J. C.,  
appointment, 619.  
letter, 245.  
request, 92, 265.
- Blaisdell, Daisy L., appointment, 75.
- Blaisdell, E. B., degree, 45.
- Blakeman, Rev. E. W., letter from, 597.
- Blakeslee, W. A., degree, 232.
- Blaney, Lillian, appointment, 260.
- Blatherwick, N. R., degree, 50.
- Blatherwick, W. F., degree, 231.
- Blayne, F. H., appointment, 645.
- Bleiningner, A. V., resignation of, 103.
- Block, E. R., degree, 45.
- Bloom, Julius, degree, 53.
- Bloomfield, J. H., degree, 239.
- Bloomfield, Leonard, appointment, 75,  
270, 610.
- Blondheim, D. S., appointment, 75, 214,  
610.  
leave of absence, 214.
- Bloomington Second Presbyterian  
Church, lease, 244.
- Blue printing,  
appropriation of receipts, 19.  
income, 689.
- B'nai B'rith Lodge,  
gift for prizes, 150.  
prize awarded, 239.
- Board expenses, appropriation, 87, 696.
- Board of Local Improvements, Chicago,  
request, 758.
- Board meetings, stenographer, employ-  
ment of, 264, 688.
- Boat at Havana, repair of, appropria-  
tion, 696.
- Bock, P. T.,  
degree, 231.  
final honors, 238.  
special honors, 238.
- Bode, B. H., appointment, 610.
- Bogart, E. L., appointment, 73, 611.
- Boice, L. A., appointment, 74, 608.
- Boiler House,  
authority to proceed with plans for  
addition to, 598.  
equipment, appropriation, 729.  
original cost of building and equip-  
ment, 148.
- Boiler House, addition to.  
appropriation, 728.  
bids authorized, 704.  
cost estimated, 625.  
contract awarded, 728.
- Boilers, College of Medicine, appropria-  
tion for repair of, 273.
- Boldstad, H. C., degree, 239.
- Bole, S. J., appointment, 83, 620.  
degree, 48.
- Bollman, Minnie J., appointment, 647.
- Bond, Augusta E., degree, 44.
- Bond, Ethel, appointment, 85, 123, 260,  
622, 623, 750.
- Bond, J. D., appointment, 611.
- Bonds,  
Chief Clerk (Bursar), 208, 726.  
amount, 726.  
approved, 203, 223.  
customs, 226.  
doctor's theses, 147.  
ordnance and ordnance stores, 133.  
Treasurer, 195, 207.
- Bonding of officers, College of Medicine,  
185.
- Bonham, Martha E., degree, 229.
- Book stacks, addition to Library, 590.  
appropriation asked, 191.  
bids authorized, 704.
- Books,  
appropriation for, 655.  
authority for order, 705.
- Books and museum material, appropria-  
tion, 655.
- Bookwalter, Grace M., degree, 44.
- Boomer, S. E., degree, 235.
- Boomsliiter, G. P., appointment, 80, 616.
- Boonstra, S. P., scholarship in archi-  
tectural engineering, 752.
- Booze, R. W., degree, 47.
- Borger, R. L., appointment, 613.
- Bornmann, J. H., degree, 50.
- Bosch, A. C., degree, 745.
- Botany, department of.  
budget, 76, 82, 611, 690, 691.  
fee for course, 657.  
import order, 185, 724.  
laboratory, site for, 730, 753.  
needs presented, 136.  
professorship, 200.  
space needed, 66.  
stenographer's salary (Agriculture),  
82.  
Summer session staff, 770.  
transfer of funds (Agriculture), 183.
- Bourdette, Bertha E., degree, 229.
- Bouttee, M. V., degree, 240.
- Bowen, Evalena, appointment, 675.
- Bowers, L. E., degree, 45.
- Bowling, B. L., appointment, 615.
- Bowman, L. F., degree, 45.
- Boyd, Frances J., degree, 229.
- Boyer, C. V., appointment, 75, 609.
- Boyer, E. B., degree, 53.
- Boyers, Bess, degree, 230.
- Brachvogel, Max, appointment, 675.
- Bradbury, C. E., appointment, 647.
- Bradden, W. E., lease of field, 742.
- Bradley, E. E., appointment, 81.
- Bradley, E. P., degree, 47.
- Bradley, Eugenia, degree, 44.
- Bradrick, Lucy C., degree, 229.
- Bradshaw, Margaret, appointment, 73.
- Brady, Auditor, J. J.,  
audit report to, 225.  
demand for receipts, 663.  
statement if endowment fund, 700.
- Brady, St.Elmo, fellowship in chemistry,  
751.
- Brainard, Adeline, Summer session ap-  
pointment, 771.
- Bradley, S. A., appointment, 612, 738.
- Branch, Nelle U., appointment, 269, 647.
- Brand, R. E.,  
appointment, 82, 619.  
degree, 50.
- Brandner, A. R.,  
degree, 231.  
final honors, 238.  
scholarship in engineering, 222.
- Braude, Benjamin, appointment, 660, 646.
- Bray, M. W., appointment, 55.
- Brazier, I. M., degree, 232.
- Bredlau, E. A., degree, 239.
- Breeden, R. F., degree, 53.
- Breedis, John, appointment, 659, 769.
- Bregger, Thomas, appointment, 83, 620.
- Bremner, C. W., degree, 46.
- Brigham, R. O., appointment, 77, 611.
- Brinkerhoff, C. H., degree, 239.
- Briscoe, C. F., degree, 51.
- Britton, F. E., appointment, 675.
- Broadhead, W. J., degree, 232.
- Broadhurst, Tabitha J., appointment, 74,  
608.
- Brockmeyer, E. J., degree, 231.
- Broderson, H. J., appointment, 599, 612.
- Brooks, Alice D., appointment, 140.
- Brooks, Clara M., degree, 48.
- Brooks, Morgan, appointment, 615.

- Brooks, N. C.,  
appointment, 72, 610.  
presented needs of Museum of European Culture, 136.
- Brooks, Verna,  
appointment, 84, 621.  
Summer session, appointment, 711.
- Brooks property,  
offer withdrawn, 666.  
recommendation for purchase adopted, 652.
- Brothers, E. D.,  
appointment, 645, 659.  
heard concerning reopening of College of Dentistry, 186.
- Brown, E. M., appointment, 644.
- Brown, F. M., appointment, 260.
- Brown, F. A., degree, 231.
- Brown, H. A., degree, 236.
- Brown, I. M., appointment, 85, 622.
- Brown, J. B., degree, 745.
- Brown, J. F.,  
appointment, 178.  
degree, 229.
- Brown, J. S., letter, School of Education Building, 603.
- Brown, L. O., scholarship in English, 222.
- Brown, M. P., appointment, 84.
- Brown, R. H., appointment, 645.
- Brown, Roberta M., degree, 45.
- Brown, R. W.,  
degree, 236.  
fellowship in geology, 222.  
scholarship, 55.
- Brown, W. R., degree, 239.
- Browne, W. H.,  
appointed Secretary of College of Medicine and Dentistry, 626.  
bond, 185.  
letter, valuation of Medical property, 642.  
letter, report of death of J. W. North, 670.  
College of Medicine petty cash fund appropriation, 601.  
request, additional stenographer, 591.
- Brownfield, Lelah, appointment, 750.
- Browning, F. E., degree, 239.
- Brubaker, L. A., degree, 46.
- Brumfield, D. M.,  
appointment, 123.  
degree, 234.
- Brunelle, A. H., scholarship in Classics, 751.
- Bruner, Mary V., degree, 229.
- Brunson, A. M.,  
appointment, 659.  
degree, 232.  
final honors, 238.
- Brush, Elizabeth P.,  
appointment, 75, 610.  
degree, 49.
- Bryan Prize trust fund, appropriation for, 667.
- Bryan, Sarah E., appointment, 85, 622.
- Bryant, F. W., degree, 745.
- Bryant, J. M., appointment, 79, 615.
- Buchanan, H. C., appointment, 769.
- Buchen, W. A.,  
appointment, 75, 599, 609.  
Summer session appointment, 770.  
degree, 235.
- Buck, A. M., appointment, 616.
- Buck, S. J., appointment, 610.
- Buckler, Helen I., appointment, 607.
- Buckles, Mildred, appointment, 675.
- Buckman, G. E., degree, 213.
- Budget, 1912-1913, 72, 87, 607, 624.  
1913-1914, 688, 689.  
buildings, 66, 625, 626.  
classification, 270, 589.  
form of, 152.  
State Water Survey, 629.  
temporary arrangement, 598.  
Budget accounting, committee on, 153.
- Buffalo Scales Company, contract for track scale, 768.
- Buildings and grounds, committee on, 205.  
meeting, 43, 768.  
report, 40, 100, 590, 725.  
report of joint committees, 43.
- Building and grounds, department of, appropriation, 87.  
assignment of current funds, 201.  
report on improvements of, 273.  
under direction of Supervising Architect, 67.
- Buildings, superintendent of, 74.
- Buildings Bill, 191.
- Buildings, University,  
appraised, valued and unvalued inventory, 183.  
appropriation for improvement to, 590, 591.  
budget, 66, 625, 626, 693.  
extensions, 90, 106, 148, 159, 170, 181, 264, 590, 728, 753.  
minor, release of, 754.  
plans, 87, 102, 117, 654, 697, 699, 727, 729, 757.  
original cost, 148.  
repairs, 272.  
report of progress, 178.  
Sunday use, 147.
- Bulgarian students, request for scholarships, 256.
- Bulkley, O. E., degree, 46.
- Bull, Sleeter, appointment, 82, 619.
- Bullard, E. W., degree, 231.
- Bullard, S. A., committee, Gregory Memorial, 736.
- Bunn, N. L., degree, 231.
- Burd, H. A., appointment, 769.
- Burdick, C. B., degree, 51.
- Burdon, S. M., degree, 239.
- Bureau of information and general University office, recommendation to organize approved, 141.
- Burge, W. E., appointment, 613.
- Burger, T. D., degree, 239.
- Burlison, W. L., appointment, 82, 617.
- Burmeister, W. H., appointment, 659.
- Burns, C. A.,  
appointment, 140.  
degree, 233.
- Burns, Josephine E.,  
appointment, 599, 613.  
degree, 237.
- Burns, Ruth M., degree, 235.
- Burnes, Representative, presented, 136.
- Burrill Avenue pavement, 640.
- Burrill, T. J.,  
appointed Professor Emeritus, 154.  
communication, Gregory Memorial, 754.  
gift for, 121.  
resignation, 121.  
resolutions, 145.
- Bursar,  
bond, 726.  
chief clerk's title changed to, 256.  
extra vacation for, 723.  
petty cash fund, 601.
- Burstrom, S. W., degree, 232.
- Burt, Ruth, appointment, 675.
- Burt, P. G., appointment, 647.
- Burton, L. V., appointment, 104, 611.
- Burton, S. C., appointment, 142, 614.
- Burwash, A. E., degree, 47.
- Burwash, C. F., degree, 232.
- Burwash, Mabel E., degree, 229.
- Burwash, Mary G., degree, 229.
- Busey, G. W., signed bond, 207.
- Busey, J. B., signed bond, 207.
- Busey, J. W., signed bond, 207.
- Busey, M. W.,  
attended meeting, 206.  
authorized to receive moneys, 196.  
bond, 207.  
bill, 600, 658.

- Busey, M. W.—Concluded.  
 election, notice of, 195, 208.  
 rate of interest, 206.  
 letter, 207.  
 report, 605, 724, 733, 734, 786.  
 Busey's Bank, warrant payable at, 207.  
 Busey tract,  
 purchase of, 92, 606, 625, 637, 638, 656.  
 sale of part proposed, 754.  
 Busey, Mrs. V. K., degree, 233.  
 Business Administration and Commerce,  
 College of, organization authorized,  
 763.  
 Business Office,  
 salary budget, 1913-14, 607.  
 report of, 124.  
 Business management, proposed changes,  
 225.  
 Butler, R. G., degree, 232.  
 Butterfield, E. R., degree, 53.  
 Butters, H. M., degree, 47.  
 Butzer, G. D., degree, 231.  
 Buyers, A. S.,  
 salary, 79.  
 Buyers, D. E., degree, 47.  
 Byford, H. T., appointment, 644.  
 By-laws,  
 amendment proposed, 531.  
 amended, 196.  
 proposed repeal of section 5, Art. VI,  
 665.  
 Byrne, Helen C., degree, 229.
- Cabinets and Collections,**  
 appropriation asked, 190.  
 appropriation, 696.  
 in Lincoln Hall, appropriation, 87.  
 Cadet officers to receive sabers and belts  
 at graduation, 226.  
 Cady, G. H., appointment, 613.  
 Caldwell, C. E., Jr., degree, 45.  
 Cameron, Marjorie I., degree, 239.  
 Camp, C. C., scholarship in mathematics,  
 752.  
 Campus lighting, 40.  
 appropriation, 590, 696.  
 plan for, 273.  
 recommendation, 590.  
 Campus, views of, 122.  
 Cancellation of old unpaid warrants,  
 184.  
 Canaday, Mrs. E. M. W., degree, 250.  
 Canham, G. E., degree, 745.  
 Cannady, W. M., Jr., degree, 233.  
 Cannors' Association investigation,  
 appropriation, 696.  
 investigation continued, 266.  
 Cannon, J. G., statue of, presented, 210.  
 Canter, H. V.,  
 appointment, 609.  
 Summer session appointment, 771.  
 Carberry, F. V., degree, 239.  
 Carlinville experiment field, 244.  
 Carlson, Mabel R., degree, 53.  
 Carlson, M. R., degree, 47.  
 Carlson, R. E., appointment, 55.  
 Carlton, E. F., appointment, 612.  
 Carlton, F. T., Summer session appoint-  
 ment, 770.  
 Carman, A. P.,  
 appointment, 616.  
 presents needs of Library, 136.  
 Carmichael, B. E., degree, 235.  
 Carmichael, W. J.,  
 appointment, 82, 619.  
 degree, 232.  
 Carnahan, D. H.,  
 appointment, 75, 610.  
 leave of absence, 175.  
 Carne, Rufus, appointment, 615.  
 Carr, W. C., degree, 233.  
 Carrers, J. O.,  
 degree, 46.  
 special honors, 52.  
 Carrithers, I. R., appointment, 621.
- Carroll, W. E., fellowship in Animal  
 Husbandry, 222.  
 Carry, Charles,  
 appointment, 647.  
 Summer session appointment, 770.  
 Carscallen, G. E.,  
 appointment, 78, 613.  
 Carson, H. Y., appointment, 142, 608,  
 675, 750.  
 Carson-Payson Company, contract  
 awarded, 756.  
 Carter, H. M., appointment, 612.  
 Carter, R. R.,  
 appointment, 107.  
 degree, 46.  
 final honors, 52.  
 Carthage Exp. Field, 244.  
 Cartwright, Sara B. E., degree, 231.  
 Cartwright, V. H., degree, 230.  
 Cary, F. S.,  
 appointment, 645.  
 attending physician, 661.  
 Casavant Brothers,  
 contract for organ, 705.  
 contract awarded, 735.  
 Case, Flora M.,  
 appointment, 85, 260.  
 degree, 44, 234.  
 Case, H. C. M.,  
 appointment, 82.  
 degree, 47.  
 final honors, 52.  
 Case, J. R., degree, 233.  
 Casey, C. L., degree, 239.  
 Cash, H. S., degree, 47.  
 Cash funds, petty, 601.  
 Cash statement, University of Illinois,  
 for 12 months, 274.  
 Cass, Elizabeth H.,  
 appointment, 659.  
 degree, 44, 234.  
 Cass, Sherman, degree, 44.  
 Casner, Sidney, Summer session ap-  
 pointment, 771.  
 Cassidy, H. M., appointment, 659.  
 Cassingham, Florence A., degree, 299.  
 Catalog, printing of, appropriation, 696.  
 Cataloging in Library, appropriation  
 for, 759.  
 Cate, H. A., degree, 233.  
 Cattron, C. L., degree, 233.  
 Cattron, T. H., degree, 232.  
 Cavette, F. E., appointment, 769.  
 Cayley, F. J., degree, 239.  
 Celebration of fiftieth anniversary, 596.  
 Cement gum, use of, 698.  
 Ceramics Building,  
 appropriation asked, 59.  
 appropriation, 110, 634.  
 authority to proceed with plans, 598.  
 cost estimated, 625.  
 cost, original, 148.  
 plans approved, 729.  
 report of progress, 679.  
 Ceramics, department of,  
 appropriation asked, 66.  
 budget, 79, 614, 690, 691.  
 acting director's salary increased, 184.  
 coöperative investigation, 759.  
 resolutions, short course, 740.  
 transferred to College of Engineering,  
 762.  
 Ceramics and Mining Laboratory,  
 original cost, 148.  
 Certificate of valuation, medical prop-  
 erty, 257.  
 Champaign Chamber of Commerce, reso-  
 lutions, 740.  
 Chamberlain, L. O., degree, 47.  
 Champaign, E. V., degree, 48.  
 Chandler, I. B., appointment, 80.  
 Chang, Luan, degree, 236.  
 Chang, V. C., degree, 47, 235.  
 Channon, B. Z., degree, 53.  
 Chapman, D. W., degree, 46.  
 Chapman, H. P., degree, 213.

- Charter, College of P. & S., cancellation, 705.  
 Chase, W. A.,  
   appointment, 628.  
   salary, 640.  
 Chatterjee, B. N., degree, 233.  
 Chauvet, Frank, appointment, 645.  
 Chavous, A. M., degree, 46.  
 Checkley, J. H.,  
   appointment, 617.  
   degree, 233.  
 Chemical Engineering, course in, entrance requirements, 763.  
 Chemistry, department of,  
   budget, 77, 611-612, 690.  
   entrance requirements, 763.  
   expense, 691.  
   glass blowing, new fee, 211.  
   import order, 141, 671.  
   industrial, student assistance, 133.  
   laboratory fees, new, 270.  
   laboratory material, 157.  
   needs presented, 136.  
   reimbursement of, for expenditures for other departments, 226.  
   Summer session appointments, 770.  
   transfer orders, 226.  
 Chemistry Laboratory,  
   addition asked, 66, 190, 192.  
   authorized, 625, 696.  
   cost estimated, 148, 625.  
   plans approved, 598.  
   lecture room, remodeling, 759.  
   original cost, 148.  
   temperature control, 591.  
 Chen, Huang, degree, 231.  
 Chen, K. Y., degree, 231.  
 Cheney, L. A., degree, 46.  
 Chenoweth, H. E.,  
   appointment, 613.  
   degree, 230.  
 Chester, Anna, degree, 235.  
 Chicago Association of Commerce trade tour, invitation, 747.  
 Chicago, University of, constitutional convention, 736.  
 Chicago, City of, warrants to be payable in, 207.  
 Chicago Board of Education,  
   mortgage paid, 641.  
   payment to, 667.  
 Chicago Real Estate Board,  
   bill for services, 257.  
   communication, 257.  
   valuation of medical property, 257.  
 Chickering, G. A., degree, 53.  
 Chief Clerk, Comptroller's Office,  
   bond, 208, 728.  
   elected, 195.  
   report, 165, 217.  
   title changed, 256.  
 Chimes, added to pipe organ, 735.  
 Chipps, Alta F., degree, 44.  
 Chittenden, A. K., appointment, 162, 178, 617.  
 Chittenden, E. W., appointment, 78, 613.  
 Christian, J. A., appointment, 645.  
 Christofferson, E. A., degree, 53.  
 Christy, Glenn,  
   appointment, 659.  
   Henry Strong scholarship, 131.  
 Chu, C. C., degree, 233.  
 Chu, V. G., degree, 231.  
 Churchill, C. F., degree, 230.  
 Cipriani, J. B., degree, 239.  
 Civil engineering, department of, budget, 79, 614.  
 Civil Service Commission, State, statement by Dean Davenport, 160, 200.  
 Clanton, Edna M., appointment, 205.  
 Clark, A. H., appointment, 86.  
 Clapp, F. L., degree, 48.  
 Clare, W. H., degree, 231.  
 Clark, C. C., appointment, 645.  
 Clark, C. R., appointment, 79, 614.  
 Clark, C. W., degree, 230.  
 Clark, E. M.,  
   appointment, 619.  
   degree, 233.  
   final honors, 238.  
 Clark, Fred E.,  
   degree, 234.  
   fellowship in economics, 222.  
 Clark, Helen,  
   fellowship, 752.  
   scholarship, 222.  
 Clark, K. A.,  
   appointment, 77, 612.  
   fellowship, 751.  
 Clark, T. A.,  
   appointment, 72, 608, 609.  
   recommendation, employment bureau, 225.  
   report scarlet fever situation, 719.  
   salary, increased, 642.  
 Clark, W. A., appointment, 645.  
 Clark, W. G., degree, 47.  
 Clark, R. H., degree, 47.  
 Clarke, S. C., degree, 54.  
 Classical Art and Archeology, Museum of, needs presented, 136.  
 Classical and pedagogical libraries, authority for purchase of, 259.  
 Classics, department of, budget, 75, 609, 690, 691.  
 Claussen, A. W., degree, 232.  
 Clayberg, H. D., degree, 230.  
 Clayton experiment field, 244.  
 Claxton, Hon. P. P., letter, scholarships for Bulgarian students, 256.  
 Clay Manufacturers' Association, appropriation for cooperative work, 79.  
 Clay Manufacturers, Illinois, resolutions, 740.  
 Clean towel system, Men's Gymnasium, 67.  
 Clement, C. C.,  
   appointment, 646.  
   attending physician, 660.  
 Clement, Miles, appointment, 80, 104.  
 Clerk, A. H., appointment, 623.  
 Cleveland, H. V., degree, 213.  
 Clevenger, C. B., appointment, 260, 618.  
 Cliff, F. N., degree, 239.  
 Clinical Faculty, College of Medicine, 643.  
 Clinical medicine, department of, assignment of funds, 656.  
 Clocks for buildings, 590.  
 Clyne, K. M., degree, 229.  
 Coal,  
   appropriation, 87.  
   contract awarded, 122.  
   measure shales, investigation of, 759.  
   storage, 729.  
 Cobb, Margaret V.,  
   appointment, 107, 613.  
   degree, 235.  
 Cochran, H. R., degree, 231.  
 Cochran, H. H., Henry Strong scholarship, 131.  
 Coffey, E. W., degree, 232.  
 Coffey, J. S., degree, 47.  
 Coffey, W. C., appointment, 618.  
 Coffman, L. D.,  
   appointment, 609.  
   educational survey, 722.  
   Summer session appointment, 770.  
 Coffey, Mayer, degree, 239.  
 Cohen, Joseph, appointment, 612.  
 Cohn, Alexander, appointment, 77, 612.  
 Colby, A. S., appointment, 620.  
 Cole, A. C., appointment, 75, 610.  
 Cole, Agnes L., appointment, 260.  
 Cole, G. H., degree, 232.  
 Cole, H. W., appointment, 675.  
 Cole, R. M., degree, 231.  
 Coleman, E. P., degree, 239.

- Collecting agency,  
employment authorized, 223.  
proposed employment, 211.
- Collins, E. F., degree, 237.
- Collections and cabinets, appropriations asked, 190.
- Collections, opinion on requirement that all be paid into State treasury, 257.
- Collins, Vida L., appointment, 75.
- Columbo, J. H., degree, 230.
- Colson, H. W., appointment, 86, 623.
- Coltman, A. F., degree, 54.
- Colville, J. R.,  
degree, 46.  
final honors, 52.
- Colvin, Carl, degree, 47.
- Colvin, Esther M., scholarship in English, 752.
- Colvin, J. A., degree, 230.
- Combse, Eleanor M., degree, 229.
- Comello, F. S., degree, 54.
- Comes, U. V., degree, 239.
- Commencement, 1914, plans for, 666.
- Commencement exercises, appropriation asked, 696.
- Commencement speaker, Count Johann Heinrich von Bernstorff, 666.
- Commerce and Business Administration, College of, resolution for organization approved, 763.
- Commerce Building,  
addition to, for administrative purposes, estimated cost, 148, 625.  
appropriation for furnishing, 141.  
appropriation for heating and lighting, 120.  
cost, 148.  
extension of time, 133.  
need presented, 67, 136.  
plans approved, 697.
- Commerce, Courses in,  
budget, 76, 611, 691.  
needs presented, 136.  
organization as College, 763.
- Commercial activities of the University, report by Dean Davenport, 730.
- Commercial problems, special research upon, 760.
- Commercial education, exhibit at Panama World's Fair, 737.
- Commission on Campus Plans, bill from C. H. Blackall, member of, 214.
- Commission on nutrition, partial payment of members, 215.
- Commission, State Highway, resolutions, 723.
- Commissions in Illinois National Guard, 239.
- Commissions on Jewish-American and German-American History and Culture, 70.
- Commissions on Racial History and Culture, authority given for appointment, 736.
- Committees, standing, 205.
- Complaint of Dr. Martin, 99.
- Comptroller,  
appointment, 74, 690.  
authorized to sign leases, 741.  
office budget, 74.  
recommendation, 767.  
report of, 58, 109, 217, 631-636, 678, 706, 773.  
report on purchase of land, 655.  
suggestion, 199.  
resignation, 121.  
statement, 96, 97.  
see Frazer, G. E., and Shattuck, S. W.
- Comptroller's Office,  
appointment of stenographer and assistant authorized, 179.  
copies of contracts to be filed in, 183.  
election of Chief Clerk, 195.  
salaries, 690.
- Comptrollership, provision for, 132.
- Comptrollership and Public Accountancy, lecturship in, 156.
- Comstock, A. F.,  
appointment, 80, 616.  
degree, 237.
- Concerts, orchestral,  
authorized, 591, 722.  
income, 689.  
support, 264.
- Concrete Laboratory, appropriation, 625.
- Conduit, electric, appropriation for extension of, 628.
- Conel, J. L.,  
degree, 235.  
fellowship in zoölogy, 222.
- Conerty, J. M., degree, 53.
- Conference on education, International, 211.
- Confessor, Valentine, degree, 46.
- Congregational Church, Woman's Board of Missions, medical scholarship, 641.
- Conkle property,  
legal proceedings with reference to, 89.  
purchase of, 146.
- Conley, C. C., appointment, 675.
- Conley, Josephine V., degree, 229.
- Connard, A. F., degree, 47.
- Connell, E. L., degree, 46.  
final honors, 52.
- Conover, George, lease, 744.
- Conrad, C. B., degree, 230.
- Consoer, Meta, degree, 229.
- Consolidation of colleges of arts and sciences, 71.
- Continental and Commercial National Bank of Chicago, warrants payable at, 207.
- Constitutional convention, committee to prepare material for, 736.
- Contracts,  
Dental Infirmary, equipment, 627.  
coal, 122.
- Morava Construction Company, completion of Armory, 602.
- Armory, completion of, 601.
- copies to be filed in Comptroller's office, 183.
- floricultural greenhouses, 101.  
concrete work, floriculture greenhouses, let to J. Welch, 142.
- horticulture greenhouses, 90.
- organ, 705.
- Transportation Building, 42.
- Urbana, city of, paving of Lincoln and Michigan avenues, 102.  
report of, 662.
- vegetable greenhouses, 106.
- Controller for electric motors, gift from Electrical Controller and Manufacturing Co., 175.
- Converse, Lawrance, degree, 745.
- Corporation tax, College of P. & S., 640.
- Constant, H. H., degree, 232.
- Convocations, appropriations for expenses, 596.
- Conway, Nell, scholarship in German, 222.
- Cooban, B. S., appointment to Advisory Board, School of Pharmacy, 601.
- Cook, A. J., degree, 745.
- Cook, L. J., degree, 239.
- Cook, G. W., reopening of College of Dentistry, 186.
- Cook, Pres. J. W., letter, School of Education Building, 603.
- Cook, S. L., degree, 239.
- Cooke, D. G.,  
degree, 44.  
scholarship in English, 752.
- Cooley, H. B.,  
degree, 231.  
final honors, 238.  
special honors, 238.
- Cooley, Norma, degree, 229.



- Coolidge, E. D., appointment, 647.  
Coolidge, E. R.,  
degree, 232.  
final honors, 238.  
Cooper, Lane, Summer session appointment, 770.  
Cope, W. A., degree, 233.  
Copenhagen, Murray, degree, 232.  
Corbey, Joseph, degree, 46.  
Corcoran, E. A., appointment, 645.  
Corke, G. R., degree, 232.  
Corley, Howard, degree, 231.  
Cornelius, D. W., degree, 62.  
Corporation tax, for College of P. & S., 640.  
Corrubia, A. B. M., appointment, 599, 614.  
Corson, H. P.,  
appointment, 86, 612, 629.  
degree, 50.  
Cort, W. W., appointment, 260, 675.  
Cortis, F. B., degree, 230.  
Corwin, A. M., appointment, 645.  
Corzine, H. W., degree, 232.  
Cost,  
land for College of Engineering, 68, 99.  
estimate of, building extension and new buildings, 148, 149.  
living, effect of purchase of land by University, 153.  
University buildings, 148, 149.  
Costar, Lloyd, degree, 233.  
Cottrell, A. R., degree, 53.  
Cottrell, Laura M., degree, 53.  
Coultas, Lois M., scholarship in German, 222.  
Coulter, J. H., degree, 46.  
Council of Administration,  
recommendation, 211, 592.  
resolutions, 726.  
Cover, Hazel, appointment, 675.  
Cowley, F. K., appointment, 140, 614.  
Cox, S. H., degree, 235.  
Craig, H. I., degree, 233.  
Craig, Jennis A., appointment, 86, 623.  
Craigmile, C. J., degree, 231.  
Crain, Chester, appointment, 85.  
Crandall, C. S., appointment, 619.  
Crandall, W. T.,  
appointment, 82, 619.  
degree, 236.  
Crane, Rufus, appointed instructor in G. E. D., 630.  
Crathorne, Anna, appointment, 657.  
Crathorne, A. R., appointment, 78, 613.  
Crawford, C. C., appointment, 77, 612.  
Crawford, H. H., degree, 231.  
Crawford, Luvern H., degree, 44.  
Crawford, N. A., scholarship in English, 222.  
Crawford, R. A., degree, 239.  
Cream and milk, method of payment for, 170.  
Creek, H. L.,  
appointment, 75, 609.  
Summer session appointment, 770.  
Cress, W. W., degree, 53.  
Crigler, N. B., appointment, 83, 620.  
Crist, E. B., degree, 232.  
Croce, Michele, degree, 231.  
Crockerland Expedition, subscription, 193, 197, 209.  
Croill, P. R., degree, 231.  
Cromer, C. D., appointment, 123.  
Crooker, S. J., scholarship in physics, 752.  
Crooks, F. R., degree, 53.  
Crooks, H. F., appointment, 260.  
Crop investigation, appropriation asked, 110, 113.  
Crossland, Viola J., degree, 233.  
Crow, W. L., degree, 44.  
Crowder, B. H.,  
appointment, 123.  
degree, 233.  
Cunningham, H. E.,  
appointment, 74, 608.  
elected secretary, 688, 726.  
report, *Journal of English and Germanic Philology*, 266.  
secretary *pro tempore*, 136.  
Cunningham, T. A., degree, 230.  
Curatorship, School of Pharmacy, 119, 128.  
Curl, M. J., appointment, 599, 609.  
Current appropriations, Comptroller's report, 58, 109, 633, 709.  
Current expenditures, Comptroller's report, 125.  
Current supplies, plan for prompt payment, 214.  
Curtis, Florence R., appointment, 84, 85, 123, 621.  
Cushing, Helen I., scholarship in philosophy, 222.  
Cushing, S. W., Summer session appointment, 771.  
Custer, Emma L., appointment, 675.  
Customs bonds, power of attorney to sign, 226.  
Cutler, exp. field, 244.  
Cutler, F. F., scholarship in German, 752.  
Czolbe, Selma O., degree, 53.  
Dahringer, H. W., degree, 231.  
Dairy bacteriology, assistant professorship, 184.  
Dairy breeds, purchase of specimens, appropriation asked, 191.  
Dairy husbandry, department of,  
budget, 82, 619, 693.  
funds, transferred, 183, 200, 741, 759.  
head appointed, 147.  
investigations, appropriation asked, 190, 191.  
laboratory fee, 705.  
materials, method of payment, 159, 170.  
new professorship in, 70.  
receipts and expenditures for one month, 168, 169.  
Dalbey, E. L.,  
degree, 233.  
final honors, 239.  
Dallenbach, L. E.,  
degree, 45.  
final honors, 52.  
Dalton, C. E., appointment, 77, 612.  
Dances, old Armory, charge for use, 266.  
Daniels, A. H.,  
appointed acting Dean of College of Literature and Arts, 175, 610.  
compensation as acting Dean, 104.  
increase in salary, 642.  
presents needs of College of Literature and Arts, 136.  
request, 183.  
Daniels, L. N., degree, 54.  
Darling, U. G., appointment, 644.  
Darrah, Juanita E.,  
appointment, 140, 612.  
degree, 230.  
Davenport, Eugene,  
appointment, 72, 617.  
letter, land for experimentation, 210.  
letter, lease, 718.  
letter, appointment of L. H. Smith, acting head of Department of Agronomy, 641.  
letter, Smith-Lever Bill, 766.  
letter, Sullivan land, 182.  
presented needs of College of Agriculture, 136.  
report, commercial activities of the University, 730.  
recommendation, Rothamsted Experiment Station, 704.  
recommendation, dairy bacteriology, 184.

- Davenport, Eugene—Concluded.  
 recommendation, transfer of funds, 199.  
 recommendation, advisory committees, 669.  
 recommendations, 146, 184.  
 request, appointment of I. D. Allison, 748.  
 request, transfer of funds, 200, 759.  
 statement, State boards, 92.
- Davenport, G. L., appointment, 645.
- Davenport, R. R., degree, 213.
- Davidson, G. E., degree, 213.
- Davis, C. W., degree, 233.
- Davis, D. J., appointment, 659.
- Davis, H. I., appointment, 644.
- Davis, J. W.,  
 degree, 46.  
 final honors, 52.
- Davis, L. H.,  
 appointment, 178.  
 degree, 234.
- Davis, Mollie L., degree, 229.
- Davis, R. W., appointment, 79, 615.
- Davis, T. A., appointment, 644.
- Davis, Vera, appointment, 769.
- Davidson, Burt S., appointment, 104, 612.
- Davison, Charles,  
 appointment, 644.  
 attended meeting, 172.
- Davison, Ruth L., degree, 229.
- Dawson, degree, 239.
- Day, P. W., degree, 231.
- Day, W. B.,  
 appointment, 72, 86, 119, 128, 623, 647.  
 communications, 64, 176.  
 curatorship, 119, 128.  
 letter, entrance requirements, 600.  
 letter, quarters in Dentistry Building, 603.  
 petty cash fund appropriation, 601.  
 request, lease, 698.  
 request, lease and purchase of land, 669, 670.
- Debating and oratory, appropriation, 76.
- Dean, F. C., degree, 44.
- Dean of the College of Engineering,  
 office budget, 614.
- Dean of Men, office budget, 74; 1913-14, 608, 690.  
*see* Clark, T. A.
- Dean of Women, office of,  
 appointment of assistant, 627.  
 office budget, 74; 1913-14, 608, 690.  
*see* Fawcett, Mary E. and Kyle, Martha J.
- Deanship, appointment, College of Liberal Arts and Sciences, 200.
- Debel, N. H., fellowship in political science, 752.
- Dechman, Arthur, degree, 46.
- Decker, C. E., appointment, 54.
- Decker, E. H., appointment, 73, 621.
- Dedication of Lincoln Hall, printing of proceedings, 640.
- Deedrick, Eva A., degree, 44.
- Deed,  
 College of Physicians and Surgeons, 204.  
 land for experiment field, 256.  
 Deep well pump and motor, 590.
- Degrees,  
 authority to confer, 213, 228, 745.  
 conferred, 43, 53, 229, 239.  
 in Agriculture, 47, 232.  
 Dentistry, 53.  
 Engineering, 46, 231.  
 Graduate School, 48, 229, 234.  
 Law, 48, 229, 234.  
 Library Science, 229, 234.  
 Literature and Arts, 44, 229.  
 Medicine, 229, 762.
- Degrees—Concluded.  
 Music, 48, 233.  
 Pharmacy, 229.  
 Science, 45, 230.  
 summary of, 43, 229.
- DeKalb, experiment field, 244.
- Delegation of signature of warrants, 747.  
 legality of, 768.
- Delfosse, A. F., degree, 239.
- DeLiew, C. E., degree, 46.
- Delinquent fees and loans, employment of collecting agency, 211, 223.
- Delzee, D. D., degree, 53.
- Demlow, L. C.,  
 appointment, 80.  
 successor appointed, 163.
- De Mott, I. P., degree, 45.
- Denby, Flora A., degree, 49.
- Denny, Maude A., degree, 233.  
 final honors, 239.
- Dennison, Ella S., signed communication, 130.
- Dent, J. A., appointment, 79, 615.
- Dental Alumni, hearing of committee, 186.
- Dentistry, College of,  
 appropriation for, 594.  
 reopening, 177, 186, 208, 593, 607.  
 budget, 626, 694.  
 building, quarters for School of Pharmacy, 603.  
 entrance requirements, 661.  
 income from student fees, 689.  
 increase of facilities in, 749.  
 infirmary contract, 627.  
 laboratory space, 749.  
 secretary appointed, 626.  
 special and graduate work, 658.  
 smoking prohibited in building, 671.  
 student fees, 65.  
 valuation of adjoining property, 629.
- Denton, W. W.,  
 appointment, 78, 613.  
 degree, 51.
- Departmental appropriations, 73.
- Departmental needs presented, 136, 137.
- Departmental receipts, appropriation of, 119, 689, 693, 748.
- Departmental sales, 689, 693.
- Deposits,  
 for keys, 182.  
 for military outfits, 667.  
 for printing of doctors' theses, 147.
- Depreciation of buildings, estimate of, 147.
- Derick, C. G.,  
 appointment, 77, 612.  
 Summer session appointment, 770.
- Dermatology, department of, attending physician, 661.
- Derry, H. G., degree, 46.
- Description of property, between Goodwin Avenue and Babcock Street, 653.
- Desmond, J. J., degree, 46.
- Detlefsen, John, appointment, 73, 618.
- Deutsch, H. S., degree, 54.
- DeVries, Dr. T., letter, chair in Dutch Culture, 748.
- Dewend, F. R., degree, 46.
- Dewey, Ida B., scholarship in English, 222.
- Dewey, W. H., degree, 44.
- Dewsnup, E. R., appointment, 611.
- Dexter, E. G., request for educational exhibit at Panama World's Fair, 737.
- Dexter, Lydia A., appointment, 750.
- Diamond, Dr. I. B.,  
 appointment, 646.  
 attending physician, 660.
- Dibelka, J. B.,  
 proposed design for School of Education Building, 757.  
 release of monor buildings, 754.

- Dibell, Mabel E., degree, 234.  
 Di Cosola, Frank, degree, 53.  
 Didcott, J. J., appointment, 767.  
 Dickinson, C. C., degree, 53.  
 Dickinson, R. W.,  
   appointment, 82, 618.  
   degree, 47.  
 Dickerson, I. W., appointment, 81, 617.  
 Dillavou, R. C., degree, 233.  
 Dillow, C. C., degree, 230.  
 Dilworth, J. R., degree, 233.  
   final honors, 238.  
 Directory of Matriculants, appropriation  
   for, 598.  
 Director of the State Laboratory of  
   Natural History, report of, 158.  
 Disbursements, 681, 707, 777.  
 Dispensary, Medical, appointment of at-  
   tending physicians, 661.  
   assignment of funds, 656.  
 Disposal of worn-out equipment, author-  
   ity for, 264.  
 Ditchy, J. K.,  
   appointment, 75.  
   degree, 235.  
 Dittmar, G. W., appointment, 659.  
 Dixon, experiment field, 244.  
 Dixon, R. E., appointment, 675.  
 Doane, H. A., degree, 46.  
 Doctors' theses, deposit for printing of,  
   147.  
 Dodd, W. F.,  
   appointment, 610.  
   committee, constitutional convention,  
     736.  
   leave of absence, 748.  
 Dodge, D. K.,  
   appointment, 610.  
   Summer session appointment, 770.  
 Doerr, H. R., degree, 231.  
 Doherty, W. M., degree, 48.  
 Dole, L. A., degree, 232.  
 Domonoske, A. B., appointment, 178,  
   615.  
 Donahue, E. T., degree, 213.  
 Donahue, S. A., degree, 53.  
 Donahoe, W. E., degree, 53.  
 Dormitory for women, *see* Women's  
   Residence Hall.  
 Dorner, H. B., appointment, 620.  
 Dorsey, O. B., degree, 46.  
 Douglas, Lloyd, request, 747.  
 Dowell, E. S., degree, 235.  
 Dowell, R. F., degree, 239.  
 Dow, Mrs. F. A., request, 649.  
 Dowrie, G. W.,  
   appointment, 75, 76.  
   degree, 237.  
 Draper, A. S., funeral attended by Presi-  
   dent E. J. James, 224.  
   resolutions, committee on, 224.  
 Drawing, General Engineering, depart-  
   ment of,  
   budget, 79, 615, 691.  
   Summer session appointments, 770.  
 Drennan, G. E., report, College of Law,  
   185.  
 Drew, E. N., degree, 231.  
 Dreyer, G. P., appointment, 647, 659.  
 Drives and walks, appropriation for, 120.  
 Drive, boilerhouse, Springfield to Green,  
   590.  
 Droke, Mary I., scholarship in mathe-  
   matics, 222.  
 Droste, J. C., degree, 240.  
 Drury, F. K. W., appointment, 85, 622.  
 DuBois, A. D., degree, 51.  
 DuBois experiment field, 244.  
 DuBoisson, J. P., degree, 230.  
 DuFour, F. O., resignation of, 256.  
 Duncalf, Frederick, appointment, 269,  
   610, 630.  
 Duncan, J. M., appointment, 70, 615.  
 Duncan, J. C., appointment, 76.  
 Dunham, R. C., appointment, 77.  
 Dunham, W. A., scholarship in political  
   science, 752.  
 Dunlap, Fannie, appointment, 85, 622.  
 Dunn, H. H., appointment, 81, 617.  
 Dunn, R. G. & Co., authorized to collect  
   delinquent loans from Snyder loan  
   fund, 223.  
 Dunn, Thomas, degree, 45.  
 Dunne, Governor, E. F.,  
   letter, Advisory Committee, 759.  
   letter to President James, 727.  
 Dunseth, Mrs. J. M., protest against  
   noise in Locomotive Testing Labora-  
   tory, 724.  
 Duntou, P. R., degree, 47.  
 Durefy, Franc, appointment, 221, 675.  
 Durst, C. E.,  
   appointment, 83, 620.  
   degree, 50.  
 Dutch History, literature, and art, peti-  
   tion for establishment of a chair of,  
   748.  
 Dutch-American History and Culture,  
   authority to appoint committee on,  
   736.  
 Dutcher, R. A., appointment, 107.  
 Dutt, M. A., degree, 53.  
 Duval, E. D., degree, 47.  
 Dwyer, H. J., degree, 53.  
 Dyas, F. G., appointment, 644.  
 Eade, Gladys, degree, 229.  
 Eagle, E. L., degree, 48.  
 Eales, H. C., degree, 233.  
 Eames, M. J., degree, 45.  
 Eames, H. S., appointment, 79, 615.  
 Earl, W. Z., degree, 240.  
 Earle, F. B., appointment, 644.  
 East driveway and Burrill Avenue  
   paving, 640.  
 Easton, H. D., appointment, 769.  
 Eaton, Marquis, appointment, 147.  
 Eberhardt, Waldemar, appointment, 645.  
 Ebersol, E. T., appointment, 142, 618.  
 Ebert, J. A., degree, 53.  
 Eckhardt, Clara M., degree, 45.  
 Eckstein, C. H., appointment, 659.  
 Economics,  
   traveling fellowship in, 746.  
   Summer session appointment, 770.  
   *see also* Commerce.  
 Eddy, I. H., appointment, 646.  
 Edmons, J. L., salary, 618.  
 Education Building,  
   alley vacated, 702, 723.  
   appropriation asked, 192, 603.  
   estimated cost, 148, 625.  
   plans approved, 697.  
   proposed design for, 757.  
   site for, 654, 718.  
   site, houses on, 738.  
 Education, Chicago Board of, payment  
   on mortgage, 641, 647.  
 Education, department of,  
   budget, 75, 76, 609, 690.  
   needs presented, 136.  
   Summer session appointments, 770.  
 Educational fund, Trustees of Henry  
   Strong, letter, 129.  
 Education, international conference on,  
   211.  
 Education, secondary, appointment of  
   professor, 214.  
 Educational Survey of Illinois, 722.  
 Edwards, A. C., degree, 240.  
 Edwards, J. A., signing of bond, 207.  
 Eells, W. E., degree, 237.  
 Egan, J. E., degree, 51.  
 Egginton, Chris, lease, 772.  
 Ehrhart, R. J., degree, 232.  
 Elcher, B. L.,  
   appointment, 84, 623.  
   degree, 54.  
 Eicholtz, G. W., degree, 213.  
 Eisendrath, D. N., appointment, 644.

- Eisner, Louise M., degree, 44.  
 Ekblaw, K. J. T.,  
   appointment, 81, 618.  
   degree, 236.  
 Ekblaw, W. E.,  
   appointment, 78.  
   degree, 49.  
   account of proposed Crockerland expedition, 187.  
   to accompany Arctic expedition, 193.  
 Eldredge, A. G.,  
   appointment, 176, 659.  
   request, 671.  
 Election of officers of Board, 195, 726.  
 Electric Coal Company, contract awarded, 122.  
 Electric conduit, appropriation, 628.  
 Electric Controller & Manufacturing Co., presented apparatus, 175.  
 Electrical engineering, department of,  
   budget, 79, 615.  
 Electrical Laboratory, original cost, 148.  
 Electricians, foreman of, appointment, 120.  
 Elfstrom, P. R., degree, 46.  
 Elliott, C. J., degree, 47.  
 Elliott, Erma L., scholarship in mathematics, 572.  
 Elliott, Gertrude L., degree, 233.  
 Elliott, J. A., scholarship, 751.  
 Ellis, E. R., appointment, 260, 615.  
 Ellis, Frederick, appointment, 79, 615.  
 Ellis, O. I., degree, 47, 618.  
 Elmdorf, Edith M., degree, 45.  
 Elmer, M. C., degree, 49.  
 Elner, S. J., degree, 40.  
 Elstow, Alexander, degree, 230.  
 Elstow, L. W., degree, 230.  
 Emch, Arnold, salary, 613.  
 Emigh, Edith, appointment, 85, 622.  
 Emergency hospital and student health work, appropriation, 741.  
   additional appropriation, 762.  
 Emmett, A. D., appointment, 82, 618.  
 Employment Bureau, appropriation toward, 225.  
 Endee, W. A., degree, 745.  
 Endowment fund,  
   statement of, 689, 699.  
   State Auditor's statement, 700.  
 Enfield Experiment Station fund, deed from, 244.  
 Enger, M. L., salary, 616.  
 Engesather, J. A. D., degree, 53.  
 Engineering, College of,  
   acting dean appointed, 595.  
   average ages of students, 178.  
   budget, 79, 614, 615, 616, 689, 691.  
   ceramics transferred to, 762.  
   committee, standing, 305.  
   cost of proposed buildings, 148.  
   degrees conferred, 46, 231.  
   departmental sales, income, 689.  
   departments, housing in Ceramics Building, 697.  
   entrance requirements, 763.  
   extension of buildings, 148.  
   needs presented, 136.  
   needs presented for Mining Department, 136.  
   needs for Summer camp, 196.  
   professional degrees, refund of fee, 703.  
   Summer session appointments, 771.  
 Engineering Building,  
   appropriation, 91, 602.  
   cost, probable, 148.  
   cost of wiring for work in concrete, etc., estimated, 625.  
   grading, 91.  
   laboratory fees, new, 153.  
   land exempted from taxation, 99.  
   new, furniture and equipment for, 92.  
   power connections, etc., 91.  
   proceeds of sale of houses on site, 141.  
   report of progress, 697.  
 Engineering and Physics buildings,  
   paving driveway between, 41.  
 Engineers, architectural, Llewellyn prize for, 244.  
 Engineering, civil,  
   budget, 79.  
   Summer camp for, 196.  
 Engineering Experiment Station,  
   budget, 81, 616, 617, 691.  
   authority for appointment of assistant to Director, 162.  
   research fellowship in, 222.  
   special appropriation, 81.  
   transfer of funds, 760.  
 Engineering Hall,  
   original cost, 148.  
   temperature control, 591.  
 Engle, E. W., appointment, 77, 612.  
 Englis, D. T., appointment, 612.  
 English Brothers,  
   bid, Armory, 88.  
   Armory, completion of, 698.  
   floriculture, vegetable, and plant breeding buildings, 155.  
   Library, addition to, 728.  
   Power House, addition to, 728.  
   Stock Pavilion, 159.  
   Transportation Building, 42.  
   contract awarded, 170.  
   third floor Woman's Building, 100.  
*English and German Philology, Journal of*,  
   appropriation, 84.  
   report on, 266.  
*English, Bulletin of Illinois Association of Teachers*, appropriation, 76.  
 English, department of,  
   budget, 75, 76, 609, 690, 691.  
   Summer session appointments, 770.  
 Ensign, N. E.,  
   appointment, 80, 616.  
   Summer session appointment, 771.  
 Entertainment of guests, general question referred to special committee, 592.  
 Entomology Building, (State),  
   original cost, 148.  
   painting of, 41.  
 Entomology, department of,  
   budget, 78, 613, 690.  
   laboratory fee, 170.  
   Summer session appointments, 771.  
 Entrance requirements, *see* Admission.  
 Eppels, C. J., appointment, 260, 611.  
 Eppinger, J. D., appointment, 659.  
 Equipment,  
   appraisal of, 183, 115.  
   authority for disposal of, 264.  
   for new Engineering Building, 92.  
 Erdahl, A. C., degree, 234.  
 Ermeling, L. B.,  
   appointment, 140.  
   degree, 232.  
 Erskine, A. W., degree, 46.  
 Erskine, Nellie T., degree, 44.  
 Ernst, J. L., degree, 46.  
 Escobosa, G. T., degree, 233.  
 Eskelson, Ola M. J.,  
   appointment, 55.  
   degree, 236.  
 Etherton, J. E., degree, 233.  
 Eugenics, Record Office of the American Breeders' Association, Cooperation with, 641.  
 Eustace, A. B., appointment, 646.  
 European Culture, Museum of, needs presented, 136.  
 Evans, Augusta D., appointment, 81, 617.  
 Evans, A. T., degree, 45.  
 Evans, J. E., degree, 47.  
 Evans, Laura B., appointed to Building and Grounds Committee, 205.  
 Evanson, Edwin, degree, 54.  
 Ewing, experiment field, 244.  
 Examiners in Accountancy, appointment, to board of, 723.

- Executive Committee,  
 authorized to approve Chief Clerk's bond, 208.  
 election of members, 195, 726.  
 meeting, 40, 90, 96, 122, 138, 141, 155, 162, 170, 201, 224, 213, 662, 737.  
 meeting of April 24, legality of, in question, 228.  
 minutes of meetings, 179, 206, 745.  
 reports of, 138, 141, 155, 170, 179, 206.  
 Exemption of land from taxation, 99.  
 Expenditures, 1913-14, 689.  
 on account of balance at end of 1912-13, 697.  
 Expense account of legal counsel approved, 596.  
 Expense budget,  
 1912-14, 66.  
 1913-14, 190.  
 Expense, traveling, rules for bills, 601.  
 Expenses, operating, 263.  
 Experiment fields,  
 land for, 66, 210, 236.  
 lease for, 718.  
 list of, 244.  
 statement concerning deed for, 241.  
 Experiment Station, Agricultural, *see* Agricultural Experiment Station.  
 Experiment Station, Engineering, *see* Engineering Experiment Station.  
 Experimental feeding plant, cost estimated, 625.  
 Extension work, report of Senate Committee, 157.  
 Exton, Edna M., appointment, 705.  
 Eycleshymer, A. C., appointment, 647.
- Fahrnkopf, E. M.**, degree, 231.  
**Fahrnkopf, H. F. T.**,  
 appointment, 618.  
 degree, 233.  
 final honors, 238.  
**Fair, Sue M.**, appointment, 659.  
**Fairfax, Dr. A. G.**, petition of, 724, 730.  
**Fairfax** experiment field, 244.  
**Fairhall, L. T.**,  
 appointment, 178.  
 degree, 50.  
**Fairlie, J. A.**,  
 appointment, 610.  
 leave of absence, 241, 668-669, 748.  
**Fairview Park Cemetery Association**,  
 lease of field, 742.  
**Falls, P. H.**, appointment, 675.  
**Fancher, Hazel E.**, degree, 229.  
**Fantus, Bernard**, appointment, 86, 623, 647.  
**Fargo, R. N.**, appointment, 84, 621, 675.  
**Farm crops**, work in, needs presented, 136.  
**Farm House**,  
 appropriation, 192, 625.  
 cost estimated, 625.  
**Farm Mechanics Building**, original cost, 149.  
**Farmers' Institute, Illinois**.  
 desirability of making president a member of the Board, ex officio, 193.  
 resolutions, 726.  
**Farnham, W. H.**, degree, 46.  
**Fauquher, S. E.**,  
 appointment, 55.  
 degree, 236.  
 scholarship, 55.  
**Farr, A. I.**, degree, 44.  
**Farthing, C. H.**, degree, 233.  
**Farthing, W. D. P.**,  
 degree, 233.  
 final honors, 239.  
**Farver, E. C.**, scholarship in mathematics, 752.  
**Farwell, S. P.**,  
 appointment, 107.  
 fellowship in engineering, 222.
- Faust, E. C.**, appointment, 104, 613.  
**Faust, P. A.**, degree, 47.  
**Fawcett, Mary E.**, appointment, 71, 608.  
**Fayart, L. E.**, degree, 44.  
**Fazel, S. C.**, scholarship in physics, 752.  
**Fedde, Harry**, degree, 46.  
**Federal money**,  
 authority to receive, 196.  
 sources, 689.  
**Feeding Plant**, experimental, appropriation, 192, 625.
- Fees**,  
 change in study list, 704.  
 demand of State Auditor, 663.  
 opinion of Judge Harker, 664.  
 laboratory, new, established, 270, 657.  
 in chemistry, 211.  
 in entomology, 170.  
 in household science, 211.  
 in mining engineering, 153.  
 in zoology, 592.  
 in animal husbandry, 740.  
 in dairy husbandry, 705.  
 medicine and dentistry, report of, 56.  
 proposed for use of swimming pool, 737.  
 refund of, 703.  
 regulation in regard to, 65.  
 report of, 203, 678, 739.  
 Registrar's report, 92, 109, 630, 678, 739.  
 student, question of, referred to special committee, 592.
- Fees and loans**, delinquent, employment of collecting agency, 211, 223.  
**Fehrenkamp, Winifred**,  
 appointment, 107, 614.  
 degree, 48.  
**Fehrman, Claribel**, degree, 230.  
**Feind, Frances**, appointment, 85, 622.  
**Feldkamp, Amelia**, appointment, 675, 706.  
**Fellowships and scholarships in Graduate School**, 33, 153, 751.  
 authority for appointment of, 735.  
 Engineering Experiment Station, 222.  
 budget, 692.  
 for foreign study, 71.  
 in architecture, (Plym) awarded, 53, 239.  
 in economics, 746.
- Felsenthal, Emma**,  
 appointment, 107, 123, 622.  
 degree, 48.  
 final honors, 52.  
**Felmley, Mildred H.**, degree, 299.  
**Ferguson, A. D.**,  
 appointment, 645.  
 degree, 53.  
**Ferguson, H. F.**,  
 appointment, 108, 625.  
**Ferguson, L. S.**, degree, 232.  
**Ferrel, Dent**, degree, 232.  
**Ferris, C. F.**, degree, 50.  
**Ferris, E. N.**, appointment, 75.  
**Fick, C. W.**, degree, 46.  
**Fieg, R. I.**, appointment, 108, 140, 221, 611.  
**Fiero, E. E.**, appointment, 74, 608.
- Fiftieth anniversary of opening of University**, plans for celebration, 596.  
**Filbey, E. J.**, appointment, 108, 607.  
**Filley, Georgia A.**, degree, 240.  
**Finance**, standing Committee, 205, 652.  
 audit company's report to, 733.  
 minutes of meeting, Nov. 22, 1913, 663.  
 purchase of land referred to, 606.  
 recommendations, 652, 749.  
 report, arrangement for handling vouchers, 589.  
 budget classification, 589.  
 site for Women's Residence Hall, 749.  
 reports, 589, 652, 653.  
**Financial management**, proposed changes, resolutions, 225.

- Findlay, E. K.,  
 appointment, 645.  
 attending physician, 660.
- Findley, J. S., degree, 46.
- Fire in University Hall, statement by  
 Supervising Architect, 150.
- Fire inspection, report from Supervising  
 Architect, 41.
- Fire protection, appropriation, 190, 696.
- Fireproof construction, resolution con-  
 cerning, 121.
- Firtik, A. J., degree, 240.
- Fishback, H. R., degree, 45.
- Fischer, C. O.,  
 committee, Gregory Memorial, 666.  
 degree, 53.
- Fischer, F. A. P., degree, 231.
- Fischer, L. E., degree, 237.
- Fischer, W. R., awarded Hazelton Gold  
 Medal, 239.
- Fischman, E. W.,  
 appointment, 646.  
 appointment, attending physician, 661.
- Fisher, F. A., appointment, 82, 618.
- Fisher, Laura E., degree, 44.
- Fisher, L. N.,  
 appointment, 261.  
 degree, 46.  
 final honors, 52.
- Fisher, O. G., appointment, 675.
- Fisher, Ora S., appointment, 81, 617.
- Fisk, I. W., appointment, 615.  
 appointment, 79.  
 degree, 236.
- Fisk, R. R., degree, 53.
- Fishpond, construction authorized, 754.
- Fisler, Oscar, degree, 745.
- Fitz Gerald, J. D., appointment, 610.
- Fitzsimmons-Wheeler Construction Co.,  
 bid on Transportation Building, 42.
- Fitzpatrick and Hoepfner, bid on heat-  
 ing apparatus for Armory, 756.
- Final honors, 238.
- Flanigan, E. B., appointment, 79.
- Flannery, J. A., degree, 54.
- Flannery, R. E., appointment, 645.
- Flatt, H. O., degree, 44.
- Flattery, A. M., appointment, 738.
- Fleeger, R. B., degree, 53.
- Fleener, F. L., appointment, 78, 618.
- Fleischman, A. G., degree, 53.
- Fleming, J. G., degree, 46.
- Fleming, Georgia E.,  
 appointment, 83, 620.  
 degree, 47.  
 final honors, 52.  
 Summer session appointment, 771.
- Fleming, Gertrude W., degree, 44.
- Fleming, Sara A., degree, 49.
- Fleming, S. C., degree, 240.
- Fleming, V. R., appointment, 616.
- Fletcher, C. H.,  
 appointment, 123.  
 degree, 233.
- Flexter, H. N., degree, 53.
- Flohil, J. T., appointment, 82.
- Flom, G. T., appointment, 610.
- Flood, W. E., degree, 231.
- Flooring of Armory, (new), letter con-  
 cerning, 271.
- Floriculture and horticulture service  
 buildings,  
 bids and contracts, 147.  
 extension of time granted contractors,  
 602.
- Floriculture Building, original cost, 149.
- Floriculture greenhouses, contract for,  
 101.  
 contract for concrete work let, 142.
- Floriculture house and vegetable and  
 plant breeding house, bids, 155.
- Floriculture investigations, appropri-  
 ation asked, 126, 191.
- Flowerree, Trennace, degree, 233.
- Foglesong, L. E., appointment, 83, 620.
- Foley Manufacturing Co.,  
 bid, 90.  
 bid accepted, 101.
- Folsom, J. W.,  
 appointment, 613.  
 Summer session appointment, 770.
- Fontaine, E. O., appointment, 659.
- Forbes, S. A.,  
 appointment, 72, 613.  
 attending meeting, 155.  
 report, 159.
- Forbes property, purchase of, 730, 749,  
 753.
- Ford, Edith H.,  
 appointment, 261.  
 degree, 234.
- Ford, G. S.,  
 presents needs of Library, 136.  
 resignation, 214.
- Foreign students, adviser of, salary, 662.
- Foreign study, fellowship for, 71.
- Foreman of steamfitters and plumbers  
 and electricians, appointment, 120.
- Forestry parking, street car line east  
 of, 761.
- Fornoff, G. G., degree, 232.
- Forrey, Edna L., fellowship, 55.
- Forsythe, J. H., appointment, 599, 614.
- Foss, Margaret C., appointment, 54, 140,  
 675.
- Fort, L. M., degree, 230.
- Foster, H. L., degree, 231.
- Foster, J. R., degree, 233.
- Foster, H. E., degree, 46.
- Foster, L. E., appointment, 77, 647.
- Fouser, C. W., degree, 240.
- Fowler, C. C., degree, 236.
- Fox, E. F., appointment, 645.
- Fox, R. E., appointment, 750.
- Fracker, S. B., fellowship in entomol-  
 ogy, 222.
- Francis, J. Plym fellowship in Archi-  
 tecture awarded, 53, 239.
- Franzen, T. J., degree, 231.
- Frank, A. M., degree, 240.
- Fraser, Viola C.,  
 appointment, 84, 622.  
 degree, 45.
- Fraser, W. J., appointment, 82, 619.
- Frazer, G. E., Comptroller,  
 appointment, 160, 163, 607.  
 assignment of funds, 201.  
 attended meeting, 179.  
 Auditor, warrants against, signing of,  
 211, 214.  
 bills, prompt payment of, 211, 214.  
 budget, office, 608.  
 Bryan prize, 667.  
 collecting agency, use of, 211.  
 contracts filed, with, 183.  
 dairy materials, payment for, 170.  
 endowment fund, 699.  
 equipment, worn-out, disposal of, 264.  
 financial changes, proposed, 225.  
 Gymnasium, lockers, 184.  
 interest payments authorized, 668.  
 land, purchase of, 655.  
 leases, signature of, 741.  
 Medicine, College of,  
 mortgage, extension of, 595.  
 payment of interest, 595, 668.  
 payment on principal, 595, 641,  
 667.  
 petty cash fund and bonding, 185.  
 tuition, 184.  
 military appropriation, 240.  
 contract awarded, 223.  
 mortgage to Chicago Board of Edu-  
 cation paid, 64.  
 payment to Chicago Board of Educa-  
 tion, 667.  
 petty cash funds, 185, 601.  
 Pharmacy, School of,  
 lease, 723.  
 refunds, 212.  
 rebates to students, 240.

- Frazer, G. E., Comptroller—Concluded.  
 Rheinhardt property, option, 595.  
 reports, 217, 631, 676, 699, 706, 773.  
 for quarter ending December 31,  
 1912, 164.  
 telephone stock, sale of, 270.  
 traveling expenses, bills for, 601.  
 warrants, signing of, 199, 270, 747,  
 768.  
 cancellation of old, unpaid, 184.
- Frazier, Mollie, appointment, 142.
- Frechet, M.,  
 appointment, 706.  
 authority for appointment of, 628.
- Freedman, A. A., degree, 53.
- Freeman, Marie, degree, 231.
- Freeman, Ruth M., degree, 229.
- Freeman & Brooks,  
 bid,  
 addition to Library, 728.  
 completion of Armory, 698.  
 floriculture house and vegetable and  
 plant breeding house, 155.  
 vegetable greenhouses, 106.  
 contract, addition to Boiler House,  
 728.
- Freemmel, H. J., degree, 53.
- French, summer session appointments,  
 770.
- French-American History and Culture,  
 authority to appoint commission on,  
 736.
- French, W. M., appointment, 645.
- Freight truck, 590.
- Freshman advisers, plan approved, 637.  
 appropriation for system, 603, 637.  
 system proposed, 602.
- Freund, Ernst, committee,  
 constitutional convention, 736.
- Fried, I. U., degree, 54.
- Friedman, B. D., degree, 54.
- Frisk, J. A., appointment, 80, 615.
- Fritchey, P. B., degree, 44.
- Fritchey, T. A., Jr., degree, 230.
- Froberg, Eric, appointment, 675.
- Fry, A. S.,  
 degree, 231.  
 final honors, 238.  
 special honors, 238.
- Frymire, W. A., degree, 240.
- Fruin, Elizabeth, degree, 231.
- Fuchs, A. E., degree, 53.
- Fulks, H. C., degree, 230.
- Fuller, C. M., degree, 232.
- Fuller, William, appointment, 644.
- Fulton, Edward, appointment, 609.
- Funds, transfer of in agriculture, 183,  
 741.
- Funk, I. M., degree, 44.
- Funkerburk, V. J., degree, 240.
- Furby, R. L., degree, 240.
- Furnishing,  
 addition to Woman's Building, 141,  
 591.  
 Commerce Building, 141.  
 new Engineering Building, 92.
- Furniture and fixtures,  
 appropriation, 116.  
 Comptroller's report, 87, 696.
- Furukawa, Sozabu, degree, 231.
- Gaddis, H. E., degree, 230.
- Gaffney, C. O., appointment, 675.
- Gage, A. E., degree, 53.
- Gage, Marjorie H., appointment, 675.
- Gaines, W. L., appointment, 82.
- Gale, G. W., lease, 743.
- Gallaher, M. B., appointment, 675.
- Galesburg, experiment field, 244.
- Gallie, D. M., appointment, 659.
- Gambell, K. V., degree, 213.
- Gamble, W. E., appointment, 645.
- Gantz, S. J. Z., degree, 54.
- Garber, R. J., degree, 47.
- Gardner, Harry, appointment, 647.
- Gardner, J. J.,  
 appointment, 73, 620, 750.  
 Summer session, appointment, 770.
- Gardner, Stella M., appointment, 644.
- Garman, Philip,  
 fellowship in entomology, 752.  
 scholarship, 222.
- Garner, J. W., appointment, 610.
- Garrett, F. W., appointment, 82, 618.
- Garrett, Louise W., degree, 229.
- Garrison, G. A., contract, teaming, 744.
- Garrity, J. G., degree, 745.
- Garver, N. B., appointment, 79, 615.
- Garwood, F. G., appointment, 140, 659.
- Gas, etc., appropriation, 87.
- Gaskil, D. W., degree, 45.
- Gates, R. P., degree, 45.
- Gates, C. W., degree, 232.
- Gathercoal, E. M., appointment, 86.
- Gatward, W. A., research fellowship,  
 752.
- Gateway, senior memorial, 227.
- Gauger, Marguerite E., degree, 231.
- Gauger, P. C., degree, 231.
- Gaut, Rosa-Lee, appointment, 84, 621,  
 738.  
 degree, 48.  
 special honors, 52.
- Gay, Amelia L., degree, 44.
- Gay, S. A., degree, 231.
- Gayle, H. K., scholarship in animal  
 husbandry, 751.
- Gehrman, Adolph, appointment, 647.
- Geist, H. F., degree, 46.
- General Assembly,  
 address and request, appropriations,  
 186.  
 address, College of Medicine, 206.
- General Electric Company, offer in re-  
 spect to patentable discoveries, 761.
- General fund, State, appropriation,  
 from, 689.
- General University office and Bureau of  
 information, recommendation to or-  
 ganize approved, 141.
- Genito-urinary diseases, department of,  
 attending physicians, 661.
- Gentle, G. E.,  
 appointment, 618.  
 degree, 233.
- Gentry, C. S., degree, 48.
- Gentry, W. S., Jr.,  
 appointment, 181.  
 degree, 46.
- Genung,IVALOO, degree, 47.
- Geological Survey, appropriation for  
 cooperative work, 84, 115, 759.
- Geology, department of, budget, 78, 613,  
 690, 691.
- German Ambassador von Bernstorff, to  
 be commencement speaker, 666.
- German-American History and Culture,  
 commission on, 70, 736.
- German, department of,  
 salary budget, 75, 610, 690, 691.  
 Summer session appointment, 770.
- Gernert, W. B., appointment, 82, 618.
- Gerow, Katherine, degree 53.
- Gest, Ben, degree, 46.
- Geyer, D. L., appointment, 599, 610.
- Gibbs, P. H., degree, 232.
- Gibson, Mabel H., appointment, 647.
- Giddings, A. S., degree, 46.
- Giehler, F. J., appointment, 706.
- Giessler, W. C., degree, 232.
- Gift,  
 automatic controller for electric mo-  
 tors, 175.  
 collection of algae, 761.  
 for the Locomotive Testing Labora-  
 tory, 146.
- Gilkerson, H. C.,  
 appointment, 618.  
 degree, 233.

- Gill, H. L.,  
 appointment, 84, 621.  
 Summer session appointment, 771.
- Gillan, P. H.,  
 degree, 46.  
 final honors, 52.
- Gillet, E. C., appointment, 104.
- Gilmore, R. E., appointment, 612.
- Gilmore, Winfred C., degree, 48.
- Gertow, D. G., degree, 44.
- Gittins, Elizabeth M., fellowship in zoology, 222.
- Glair, H. F., degree, 47.
- Glasgow, Grace, degree, 47, 50.
- Glasgow, Hugh,  
 appointment, 123, 613.  
 degree, 237.
- Glasgow, R. D., appointment, 675.  
 degree, 237.
- Glasgow, Ruth, degree, 50.
- Glassman, Leon, degree, 240.
- Glasshouses, appropriation asked, 192.
- Glenz, E. A.,  
 appointment, 77.  
 degree, 231.
- Glover, Anna C., appointment, 54, 617.
- Glover, L. W., degree, 44.
- Gloyd, G. V., degree, 46.
- Goben, Pearl H., degree, 47.
- Godeke, H. F., appointment, 79, 615.
- Goebel, Julius, appointment, 75, 610.
- Goebel, J. L., degree, 44, 235.
- Goebel, Louise K., degree, 44.  
 honors, 52.
- Goetz, Antoinette, appointment, 85, 622.
- Gohn, L. E., degree, 229.
- Golbeck, C. H., degree, 240.
- Gold Medals, Hazelton and University,  
 awarded, 239.
- Goldstein, P. H., degree, 54.
- Goldthwaite, Nellie E., appointment, 83,  
 620.
- Golf Club, additional space asked for, 749.
- Gonnerman, H. F.,  
 appointment, 616.  
 degree, 237.  
 Summer session appointment, 771.
- Good, E. S., appointment, 119, 123, 615.
- Good, J. W., degree, 237.
- Goodenough, G. A., appointment, 615.
- Gooding, F. E., degree, 47.
- Goodkind, M. L., appointment, 643.
- Goodman, B. F., degree, 44, 234.  
 honors, 52.
- Goodman, F. M.,  
 appointment, 104, 140.  
 compensation, 121.  
 resignation, 214.
- Goodwin, T. G., appointment, 108, 609.
- Goodwin Avenue and Babcock Street,  
 land between, 652.
- Goodwin and Matthews Avenues, cost  
 of land between, 68.
- Goodyear, H. M., degree, 231.
- Goone, W. N., degree, 53.
- Gordon, Charles, degree, 47.
- Gordon, F. G., degree, 47.
- Gordon, H. B., degree, 51.
- Gordon, J. S., degree, 53.
- Gordon, Marie A., appointment, 614.
- Gordon, W. G., degree, 46.
- Gormley, J. R., degree, 231.
- Goss, W. F. M.,  
 appointment, 72, 80, 614, 616.  
 leave of absence, 592.  
 letter, acceptance of Transportation  
 Building, 175.  
 letter, gift of electrical apparatus, 175.  
 presented needs of college, 136.  
 recommendation, extension of heat,  
 light, and power plant, 272.  
 disposal of worn-out equipment, 264.  
 report, cost of land, 68.  
 request, Summer camp, 197.  
 transfer of funds, 141.
- Gossett, J. E., degree, 44.
- Gould, H. V., degree, 53.
- Goulding, P. S., appointment, 85, 622.
- Gourley, L. H.,  
 degree, 44.  
 honors, 52.
- Grabbe, Florence H., degree, 47.
- Grading, new Engineering Building, 91.
- Graduate School,  
 budget, 84, 621, 694.  
 appropriation asked, 191.  
 balance appropriated, 153.  
 degrees conferred, 48, 229.  
 fellowships and scholarships, 33, 55,  
 153, 221, 222, 675, 751, 752.  
 needs, 136.  
 policy, acceptance of funds, 760.
- Graduation, College of Liberal Arts and  
 Sciences, requirements for, 764, 765.
- Gragg, A. C., degree, 213.
- Graham, A. J., appointment, 646.
- Graham, Sapho C., degree, 235.  
 scholarship in German, 55.
- Grainger, C. W., degree, 46.
- Grant, D. H., appointment, 750.
- Graves, C. E., appointment, 750.
- Graves, L. H., degree, 46.
- Gray, Cora E., appointment, 83, 620.
- Gray, Fred J., degree, 50.
- Gray, Greta, appointment, 767.
- Grayston, J. T., degree, 240.
- Green, Alexander, appointment, 647.
- Green, Bessie R., appointment, 78, 613.
- Green, Frederick, appointment, 621.
- Green, J. P., degree, 47.
- Green, Lonsdale, Jr., degree, 47.
- Green, O. I., degree, 53.
- Greene, E. B.,  
 appointment, 72, 610, 621.  
 request, 746.  
 resignation as dean, 175.
- Greenhouses,  
 botany, construction authorized, 753.  
 floriculture, bids and contract, 101.  
 contract for concrete work, 142.  
 original cost, 148.  
 horticulture, appropriation for moving,  
 of, 265.  
 service buildings, plans and bids,  
 117.  
 location and appropriation, 143.  
 plans, 86, 88, 90.  
 painting, 41.  
 vegetable, bids and contract, 106.
- Green Street and Pumping Station, ap-  
 propriation for pavement between,  
 120.
- Gregg, R. S., degree, 231.
- Gregg, S. E., degree, 47.
- Gregory, L. T., degree, 230.
- Gregory, J. M.,  
 proposed memorial, 132.  
 marker for grave, 701.
- Gregory Memorial Building,  
 proposal of Alumni Association, 736.  
 site assigned, 754.
- Gregory reunion at commencement,  
 plans for, 666.
- Greves, G. L., degree, 232.
- Griffin, C. E., scholarship in economics,  
 751.
- Griffith, L. G., degree, 48.
- Griffith, Mabel F., appointment, 74, 608.
- Grigg, D. R., appointment, 221.
- Grigsby, O. E., degree, 50.
- Grimes, Ruby M.,  
 degree, 235.  
 scholarship, 55.
- Grindley, H. S.,  
 appointment, 618.  
 report, research laboratory in nutri-  
 tion, 245.
- Grissom, Mary I. and John W., deed of  
 land to University, 210.



- Gross, G. A., appointment, 659.  
Summer session appointment, 771.
- Groot, J. T., appointment, 675.
- Grounds, appraisal of, 115.
- Grounds, improvement, appropriation, 696.
- Grounds, Superintendent, salary, 74.
- Grounds and Buildings, see Building and Grounds.
- Grounds, department of, put under Supervising Architect, 67.
- Grout, A. F., report of Auditing Committee, 144.  
resolutions of appreciation of services, 193, 263.
- Grout, J. C., degree, 229.
- Groves, D. K., degree, 44.
- Groves, Evangeline E., degree, 44.
- Grove, Pearl F., degree, 230.
- Grubb, M. W., degree, 53.
- Greenberg, L. M., degree, 53.
- Gubbins, Maud, appointment, 676.
- Guild, T. H., appointment, 75, 609.  
Summer session appointment, 770.
- Gulick Tailoring Co., bid on uniforms, 223.
- Gumaer, P. W., degree, 44, 46.
- Gunderson, Joseph, appointment, 83, 620.
- Gunn, Sidney, appointment, 154.
- Gustafson, A. F., appointment, 618.  
degree, 50.
- Gustafson, C. L., degree, 46.
- Gutbriet, J. E., appointment, 78.  
fellowship in zoölogy, 222.
- Gwinn, Alta, appointment, 75, 609.
- Gwinn, C. C., bid, floriculture and vegetable plant breeding houses, 155.
- Gymnasium, appropriation asked, 191.  
clean towel system, 66.  
cost, original, 148.  
reconstruction of the east wing, 625.  
lockers, appropriation for, 184.  
remodeling, appropriation, 696.  
swimming pool, opening of, 737.  
suit stolen, 765.
- Gynecology, department of, attending physician, 661.
- Haan, Mary A., degree, 44, 234.
- Habrylwick, V. B., degree, 46.
- Hadley, H. F., degree, 48.  
research fellowship, 56.
- Hague, Stella M., appointment, 76, 611.  
Summer session appointment, 770.
- Hageman, P. S., degree, 240.
- Hahn, H. J., degree, 230.
- Halg, G. F., degree, 240.
- Haines, H. E., degree, 745.
- Haines, Mabel M., degree, 229.
- Haines, T. L., Jr., degree, 45.
- Haines property, lease signed,  
lease and option to purchase, 151.  
lease not renewed, 741.  
option price excessive, 156.
- Hakanson, A. T., appointment, 750.
- Hake, H. G., appointment, 79.  
degree, 237.
- Hakenson, E. G., appointment, 676.
- Hale, W. G., appointment, 73, 621.
- Haldeman, P. J., degree, 299.
- Hall, A. L., degree, 48.
- Hall, Homer, degree, 44, 235.
- Hall, J. P., committee constitutional convention, 736.
- Hall, L. M., degree, 232.
- Hall, L. D., appointment, 82, 618.
- Hall, R. G., appointment, 104.
- Halliday, Mabel, appointment, 676.
- Hall-Quest, A. L., appointment, 647, 750.  
Summer session appointment, 770.
- Halstead, A. E., appointment, 644.
- Hamilton, Alice V., appointment, 140, 617.
- Hamilton, C. C., scholarship in entomology, 752.
- Hammond, W. C., appointment, 646.
- Hampton, Amy I., degree, 48.
- Hana, L. G., appointment, 84, 621.
- Handbook, Illinois Students' appropriation, 71.
- Handbook, Y. M. C. A., appropriation toward, 265.  
appropriation for, 747.
- Handschin, W. F., appointment, 82, 619.  
degree, 233.
- Hanes, M. S., degree, 231.
- Hanford, A. C., appointment, 659.  
degree, 44, 235.  
scholarship, 55.
- Hanford, W. W., appointment, 629.
- Hanna, J. P., degree, 45.
- Hanna, P. S., degree, 44.
- Hannah, H. I., degree, 229.
- Hanneman, L. P., degree, 213.
- Hansell-Elcock Co., bid, completion of Armory, 602.
- Hansen, J. H., degree, 240.
- Hansen, Paul, appointment, 86, 104, 616, 629.  
request for permission to undertake outside work, 152.
- Hansen, M. R., degree, 231.
- Hansen, Viggo, degree, 46.
- Hanson, C. L., degree, 46.
- Hanson, F. B., appointment, 659.  
fellowship in zoölogy, 752.
- Hanson, H. W., degree, 53.
- Harper, Josephine A., degree, 45.
- Harberger, Sada A., appointment, 75, 609.
- Harder, O. E., fellowship in chemistry, 22, 751.
- Hardin, Hazel, degree, 48.
- Harding, A. A., appointment, 83, 146, 620.
- Harding, H. A., appointment, 619.
- Harding, L. A., appointment, 647.
- Hare, F. C., degree, 229.
- Harger, J. R., appointment, 645.  
appointment, attending physician, 661.
- Harker, O. A., appointment, 72, 621.  
attended meeting, 172, 174, 179.  
bill for expenses, 596.  
committee, constitutional convention, 736.  
custodian of resignations, P. & A. directors, 177.  
salary as legal counsel, 642.  
opinion, legality of delegation of signature of warrants, 768.  
liability for death of J. W. North, 670.  
lease of Sullivan land, 182.  
payment of collections into State treasury, 257, 664.  
Stock Pavilion contract, 181, 182.  
presents needs of College of Law, 136.  
recommendation, corporation tax for the College of P. & S., 640.  
report, purchase of Conkle property, 89.  
suit of C. W. Spalding, 267.  
exemption of land from taxation, 99.

- Harker, O. A.—Concluded.  
settlement with college of P. & S., 97.  
Walsh suit, 177.
- Harlan, C. L.,  
appointment, 609, 750.  
Summer session appointment, 770.
- Harnack, Carmen F., appointment, 86, 629.
- Harnack, G. A., degree, 46.
- Harner, G. M., degree, 233.
- Harper, Julia A.,  
appointment, 676.  
degree, 230.
- Harper, J. E., appointment, 643.
- Harris, A. W., constitutional convention, 736.
- Harris, F. G., appointment, 644.
- Harris, L. D., degree, 53.
- Harris, R. C., degree, 232.
- Harrison, Bernice, degree, 44.
- Harrison, Florence, appointment, 620.
- Harsha, W. M.,  
appointment, 644.  
attended meeting, 179.
- Harshbarger, Clara B., degree, 230.
- Harshbarger, J. F., degree, 230.
- Harshfield, A. S., appointment, 646.
- Hart, Eliza, appointment, 86, 629, 750.
- Hart, Hazel C., degree, 44.
- Hartung, Adolph, appointment, 646.
- Hartsburg experiment field, 244.
- Hartzell, E. W., degree, 53.
- Harwood, G. W., letter, 69.
- Harwood, H. H., degree, 233.
- Hash, Susan A., degree, 44.
- Haskell, J. E., appointment, 647.
- Haskett, Aola A., scholarship in classics, 222.
- Hasselquist, E. J., degree, 47.
- Hassin, G. B., appointment, 644.
- Hatch, Elizabeth M., degree, 44, 49.
- Hatch, F. L.,  
attended meeting, 194.  
elected president *pro tempore*, 87.  
presided at meeting, 181.  
report, roofing of Agricultural Building, 42.  
resolutions concerning services of, 193, 263.  
spoke in behalf of Medical School, 194.
- Hatch, W. S., degree, 233.
- Hatch fund, 689.  
transfer, 741, 759.
- Hatowski, E. R., Henry Strong scholarship, 132.
- Haugan, H. A.,  
attended meeting, 179.  
audit of accounts, 208.  
nomination, 195.  
notice of successor's election, 208, 233.  
payment of warrants drawn against, 207.  
report, 56, 93, 133, 163, 215.
- Haven, C. I., degree, 47.
- Havens, C. H., appointment, 120, 123, 608.
- Hawgood, Helen A., appointment, 769.
- Hawkes, William, degree, 45.
- Hawkins, R. R., degree, 232.
- Hawley, J. B., degree, 46.
- Hawthorne, W. C., appointment, 659.
- Hay, C. E., degree, 233.
- Hay, H. C., degree, 233.
- Hay, Nathaniel, appointment, 74, 607.
- Hayes, Burt, appointment, 616.
- Hayes, Clara E., degree, 53.
- Hayes, E. C., appointment, 611.
- Hayes, J. B., appointment, 750.
- Hayes, Margaret L., appointment, 769.
- Hayhurst, E. R., Alumni Association, Council, 99.
- Hays, D. L., degree, 46.
- Hays, H. N., degree, 47.
- Hazards, personal inspection for, 180.  
report of inspection, 205.
- Hazelton old Medal, awarded, 239.
- Hazlett, W. H., degree, 240.
- Head, Mary H., appointment, 55.
- Healy, E. J., degree, 231.
- Heat, light and power plant,  
appropriation for, 120.  
extension of, 272, 590.  
extension of tunnels for, 757.  
expense, 87, 191.  
connections, new engineering buildings, 91.
- Heating apparatus for Armory, bids, 756.
- Heater, Myrtle E., appointment, 79, 614.
- Heath, N. P., degree, 232.
- Hebbert, C. M., appointment, 78, 613.
- Heck, A. F.,  
appointment, 618.  
degree, 233.
- Heck, A. O., appointment, 261.
- Hecker, C. H., appointment, 647.
- Heeren, H. E., degree, 49.
- Hefferman, Ruth M., scholarship in English, 752.
- Hegnauer, Leonard,  
appointment, 617.  
degree, 232.
- Heidbreder, E. P., degree, 213.
- Heidbreder, H. H., degree, 54.
- Heidelberger, Michael, appointment, 104.
- Heilman, R. E., appointment, 767.
- Heimbürger, H. V., appointment, 613.
- Heintz, E. L.,  
appointment, 643.  
attended meeting, 172.
- Heitkamp, G. W.,  
appointment, 78, 613.  
Summer session appointment, 771.
- Held, F. E.,  
appointment, 75, 610.  
Summer session appointment, 770.
- Heller, Joshua, mortgage released, 146.
- Helm, L. L., degree, 44.
- Hendel, R. W., Jr., scholarship in chemistry, 751.
- Henderson-Ames Company, bid on uniforms, 223.
- Hendrix, W. S., appointment, 75.
- Henion, Lora A., appointment, 75.
- Henke, W. A., degree, 240.
- Henley, H. B., degree, 45.
- Henley, R. M., degree, 45.
- Henn, O. M., degree, 45.
- Hennessey, M. C., degree, 240.
- Henrotin, Ellen M., present by invitation, 136, 172.
- Henry, C. J., degree, 213.
- Henson, Frank and Mattie W., purchase of lot, 718.
- Hepburn, N. W.,  
appointment, 619.  
report, method of payment for dairy materials, 159.
- Herbert, H. H., degree, 45.
- Herbokheimer, A. J., degree, 233.
- Herdman, Margaret, appointment, 54, 86, 623.
- Hergert, Clara A., degree, 240.
- Hermann, E. P., degree, 230.
- Herrick, G. W., degree, 230, 233.
- Hershfield, A. S., attending physician, 660.
- Hersman, Bessie E., degree, 44.
- Hertz, H. L.,  
audit proposal, 211.  
auditors report, 262, 672.
- Hess, J. H., appointment, 644.
- Hess, R. W., appointment, 77, 660.
- Hetro, Leona E., appointment, 660.
- Heuse, E. O., fellowship in chemistry, 222.

- Hewes, C. K.,  
appointment, 77, 612.  
degree, 46.  
special honors, 52.
- Hewitt, J. H.,  
degree, 46.  
final honors, 52.
- Hicks, R. H., degree, 230.
- Hieronymus, R. E., appointment, 738.
- High School Conference, appropriation for, 74.
- High Schools, inspection of, needs presented, 136.
- High School oratorical contest, appropriation, 87, 602.
- High School Visitor's office, budget, 1913-14, 74, 608, 690.
- Highway commission, State, resolutions received, 723.
- Higgins, B. C., degree, 54.
- Hildebrandt, P. I., degree, 745.
- Hill, C. N., degree, 230.
- Hill, F. E., appointment, 75, 178.
- Hill, Fanny, Summer session appointment, 769.
- Hill, Mary, Summer session appointment, 770.
- Hill, Stanley, degree, 230.
- Hill, W. G., degree, 235.
- Hilscher, Ralph, appointment, 86, 629.
- Hinchiff, G. E., degree, 45.
- Hinds, M. E., appointment, 86, 629.
- Hinds Mildred E., appointment.
- Hinkley, lease, 742.
- Hinrichsen, F. A., degree, 230.
- Hinshaw, J. H., degree, 230.
- Hirschkind, Wilhelm, appointment, 123.
- Historical Review, Mississippi Valley*, appropriation, 704.
- History, department of,  
budget, 75, 76, 610, 690.  
Summer session appointments, 771.
- Hitch, Dorris N., degree, 48.
- Hitt, Agnes, appointment, 221.
- Hixley, Asa and wife, deed of land to University, 66.
- Hixon, Arthur, appointment, 647.
- Hobart, C. M.,  
degrees, 44, 235.  
fellowship in philosophy, 222.
- Hobbes, Mr., proposal, views of campus, 122.
- Hobler, A. W., degree, 45.
- Hodnefield, Jacob, appointment, 85, 622.
- Hoepfner, E. G., degree, 46.
- Hoffman, R. W.,  
appointment, 620.  
degree, 233.
- Hohman, H. C.,  
appointment, 140.  
degree, 232.
- Holt, O. W., appointed to Finance Committee, 205.
- Hoke, J. C., degree, 233.
- Holbrook, E. A., appointment, 647.
- Holch, A. E.,  
degree, 233.  
special honor, 238.
- Holden, J. L., appointment, 261.
- Hollard, H. W., awarded University Gold Medal, 239.
- Holley, C. E.,  
appointment, 750.  
degree, 44, 234.  
fellowship in education, 222, 751.  
Summer session appointment, 770.
- Hollinshead, E. J., degree, 745.
- Hollinshead, M. A., appointment, 75.
- Hollister, H. A.,  
appointment, 72, 74, 608.  
letter, purchase of land, 154.  
presented needs of the work of inspection of High Schools, 136.
- Hollmann, E. E.,  
appointment, 86.  
degree, 45.
- Homes, R. R., appointment, 645.
- Holt, E. F., degree, 232.
- Holt, S. V., appointment, 81, 618.
- Holton, C. A., degree, 232.
- Homan, Grace L. degree, 53.
- Honors, 52, 238.
- Honovski, B. R., appointment, 140, 612.
- Hooker, Fred, appointment, 163.
- Hoover, Ada V., degree, 48.
- Hopkins, B. S.,  
appointment, 77, 612.  
Summer session appointment, 770.
- Hopkins, C. G.,  
appointment, 72, 617.  
lease signed by, 794.  
leave of absence, 641.  
letter, deed from Will County, 648.  
experiment fields, 241.  
lease of Haines property, 151.  
petty cash funds appropriations, 601.
- Hornbeck, J. W.,  
appointment, 80.  
degree, 238.
- Hornor, Nellie N.,  
degree, 45, 235.  
final honors, 52.
- Hornung, M. R., degree, 231.
- Horrell, C. R.,  
appointment, 140.  
degree, 232.
- Horses, purchase of specimens, appropriation asked, 191.
- Horticulture and Floriculture Service Buildings, bids and contracts, 147.
- Horticulture Building, painting, 41.
- Horticulture Building and greenhouse, original cost, 149.
- greenhouses (Old), appropriation for removal of, 265.  
location and appropriation, 43.  
plans, 87.  
plans and contracts, 90.  
service buildings, plans and bids, 117.
- Horticulture glasshouses, estimated cost of, including moving of old houses, 625.
- Horticulture, department of,  
budget, 82, 83, 619-620, 693.  
contract for teaming, 744.  
field laboratory, cost estimated, 625.  
investigations, appropriation asked, 191.  
land for, option, 91.  
list of experiment fields, 742.  
needs presented, 136.
- Horticultural Society, State, resolutions, 649.
- Hoskins, C. E., degree, 47.
- Hoskins, Edna, degree, 47.
- Hoskins, E. E., appointment, 82, 618.
- Hoskins, Mary M., degree, 230.
- Hospital Association, funds to be handled by Treasurer, 119.
- Hospital, emergency, additional appropriation, 762.
- Hostetter, R. B., degree, 47.
- Hottes, C. F.,  
appointment, 611.  
presented needs of department of botany, 126.  
request, import order for department of botany, 185.
- Hottinger, Joseph, appointment, to Advisory Board, School of Pharmacy, 600.
- Houchens, Josie B.,  
appointment, 54, 85, 623.  
degree, 49.
- Hoult, Bessie B., degree, 45.
- Household science, department of,  
appropriation asked, 191.  
budget, 83, 620, 693.  
new fees for, 211, 270.  
Summer session appointment, 771.
- Houses, sale of, 738.

- Houses on site of Education Building, recommendations concerning, 738.  
Houses on site of Engineering Buildings, proceeds of sale appropriated, 141.  
Houston, H. A., degree, 236.  
Hovey, E. O., letter, Crockerland Expedition, 197.  
Howard, D. T., degree, 49.  
Howard, J. W., degree, 234.  
fellowship in chemistry, 222.  
Howes, H. E., appointment, 676.  
Hrabik, J. H., degree, 53.  
Hrejsa, J. F., degree, 213.  
Hribal, E. A., degree, 231.  
Hruby, A. J., degree, 240.  
Hsu, Shih, degree, 46.  
Hubbard, G. W., degree, 51.  
Hubbard, Laura M., degree, 231, 234.  
Hubbard, Marie E., appointment, 647.  
Huber, H. E., degree, 48.  
Huber, J. E., degree, 46, 236.  
final honors, 52.  
Hudelson, C. W., degree, 233.  
Hudelson, R. R., degree, 47.  
final honors, 52.  
Hudson, J. J., signing of bond, 207.  
Huenink, H. L., appointment, 77, 629.  
degree, 236.  
Huff, G. A., appointment, 72, 84, 621.  
salary increased, 642.  
request, swimming trunks, 175.  
Summer session appointment, 771.  
Huff, J. O., degree, 49.  
Hughes, J. H., degree, 233.  
Hughes, S. K., letter, 69.  
Hughtitt, Anna L., appointment, 647.  
Hulce, R. S., appointment, 83, 619.  
degree, 236.  
Hull, A. H., appointment, 77, 612.  
Hull, D. R., degree, 233.  
Hull, F. D., degree, 46.  
Hull, H. B., degree, 47.  
Humiston, C. E., appointment, 644.  
Hummrichouse, Katie L. E., appointment, 108, 617.  
Hungarian-American History and Culture, authority to appoint commission on, 736.  
Hunt, Ada E., degree, 231.  
Hunter, R. F., degree, 230.  
Hunter, W. R., report, College of Law, 185.  
Hurka, Robert, degree, 53.  
Hursh, R. K., appointment, 79, 614, 630.  
Hutchins, Margaret, appointment, 85, 108, 622.  
Hutchinson, James, appointment, 83, 620.  
Hutton, M. L., degree, 213.  
Hulze, H. C., appointment, 601.  
Huxmann, R. F., degree, 232.  
Hwasser, Anna J., appointment, 676.  
  
Iida, Tadashi, degree, 232.  
Illini Club of Chicago, resolutions, 117, 703.  
Illinois Association of Teachers of English, Bulletin of, appropriation for, 76.  
Illinois Canners' Association, cooperative investigation continued with acceptance of gift, 266.  
Illinois Cattle Feeders' Association, picnic dinner and barbecue for, 592.  
Illinois Clay Manufacturers' Association, resolutions, 740.  
Illinois Farmers' Institute, desirability of making the president a member of the board ex officio, 193.  
  
Illinois National Guard, commission in the, 53, 239.  
Illinois State Federation of Women's Clubs, invitation to, 662.  
Illinois State Medical Society, resolutions, 116.  
Illinois State Pharmaceutical Association, resolutions, 176.  
Illinois Survey, appropriations, 722.  
Illinois Traction Company, contract for tracks, 768.  
Illinois Vigilance Association, petition, 183.  
Import order, department of botany, 185.  
botany and bacteriology, 724.  
department of chemistry, 141, 671.  
department of zoology, 241, 744.  
Improvements to buildings, appropriation asked, 591.  
appropriation approved, 590.  
Incidentals, appropriations, 87.  
Incidental and emergency fund, 746.  
Incidental fund, romance languages, 746.  
Income, federal, 689.  
Infirmary, Dental, contract, 627.  
Information bureau, 141.  
Ingalls, R. D., degree, 46.  
Ingersoll, H. B., degree, 45.  
Ingles, Nellie L., appointment, 108.  
scholarship in mathematics, 222.  
Ingold, V. J., degree, 231.  
Ingram, H. J., degree, 48.  
Ingram, W. V., degree, 46.  
Injury to student workmen, 179.  
Inks, F. E., degree, 53.  
Insectary, appropriation, 754.  
construction authorized, 754.  
Instruction, standing committee, 205.  
Inspection, fire, 41.  
Inspection for personal hazards, 205.  
Instructors and assistants on one-year appointments, resolutions, 736.  
Interest expense, College of Medicine, 269.  
Interest, payments authorized, 668.  
Interest, rate of Treasurer's bond, 206.  
International Conference on Education, proposed attendance of E. J. James, 211.  
Internal Revenue office, objection, causing change in limitation of length of office of curator, W. B. Day, 128.  
Inventory, Comptroller's report, 115, 116.  
Inventory of University property, 148.  
authorized, 183.  
Irish, H. E., appointment, 645.  
Irish-American History and Culture, authority to appoint commission on, 736.  
Israel, A. L., degree, 46.  
final honors, 52.  
special honors, 52.  
Ito, S. H., degree, 54.  
Ivey, P. W., degree, 234.  
  
Jacobs, C. M., appointment, 661, 664.  
Jackson, Eva J., degree, 45.  
Jahn, H. R., degree, 47.  
Jahr, M. E., appointment, 82, 618.  
Jalandoni, J. L., degree, 236.  
James, E. J., appointment, 607.  
appointments by, 54, 55, 119, 123-4, 140, 142, 153, 168, 181, 200, 205, 214, 221, 227, 260, 630, 646, 655, 659, 674, 705, 758-9.  
expression of sympathy for, 157.  
leave of absence, 211.  
letter from E. F. Dunne, 727.

- James, E. J.—Concluded.  
re-elected, 195, 607.  
resolutions, 703.  
College of Medicine, 116, 117.  
Illini Club of Chicago, 703.  
voiced disapproval of repeal of rule  
in regard to non-employment of  
relatives, 604.
- James, Helen D., degree, 235.
- James, L. V.,  
appointment, 79, 615.  
degree, 50, 237.
- Jameson, Janet S., signed communica-  
tion, 130.
- Jamison, A. W.,  
appointment, 617.  
Summer session appointment, 770.
- Janson, J. M., appointment, 612.
- Janvrin, C. E., appointment, 86, 623.
- Jenner, Louise M., degree, 47.
- Jensen, Katherine, degree, 50.
- Jerdan, A. L., scholarship in animal  
husbandry, 751.
- Jespersson, Lydie, degree, 230.
- Jespersson, Sven, degree, 240.
- Jesse, R. H., Jr., appointment, 77.
- Jester, Marie, appointment, 86, 629.
- Jewell, B. M., degree, 53.
- Jewell, Minna E., scholarship in zo-  
ology, 752.
- Jewett, R. E., degree, 46.
- Jewish-American History and Culture,  
authority given for appointment of  
commission on, 70, 736.
- Jinguji, Genjiro, degree, 46, 236.
- Jobst, V., and Sons,  
awarded contract, Transportation  
Building, 42.  
acceptance of Transportation Build-  
ing, 175.  
settlement with, 120.
- Johnson, Alice S.,  
appointment, 85.  
degree, 230.
- Johnson, C. H., degree, 53.
- Johnson, Gertrude A.,  
appointment, 614.  
degree, 237.
- Johnson, Gertrude E., appointment, 54,  
74, 608, 751.
- Johnson, G. M., signing of bond, 207.
- Johnson, H. E., degree, 745.
- Johnson, H. J., degree, 232.
- Johnson, J. J., appointment, 86, 629.
- Johnson, Margaret, appointment, 85.
- Johnson, Morris, fellowship in zoölogy,  
222.
- Johnson, Nellie L., degree, 230.
- Johnston, C. H.,  
appointment, 214, 261, 609.  
Summer session appointment, 770.
- Johnston, McElroy, appointment, 83.
- Johnston, P. E., degree, 46.
- Johnstone, A. J., degree, 233.
- Johnstone, G. R., degree, 230.
- Jones, E. S., appointment, 599, 609.
- Jones, Florence, appointment, 75.
- Jones, H. S. V., appointment, 72, 609.
- Jones, Isabel, appointment, 75.
- Jones, D. and Elizabeth C., purchase of  
lot.
- Jones, L. T.,  
appointment, 80, 616.  
degree, 50.
- Jones, Mabel, appointment, 769.
- Jones, Marie J., degree, 53.
- Jones, Margaret, appointment, attend-  
ing physician, 660.
- Jones, Ralph, appointment, 84.
- Jones, Roy C.,  
appointment, 79, 621.  
Summer session appointment, 771.
- Jones, R. T.,  
appointment, 79, 614.  
degree, 46.
- Jones, R. F., degree, 232.
- Jones, T. S., appointment, 660.
- Jones, Walter, doctor's bill paid, 177.
- Jones, W. R., degree, 53.
- Jordan, B. A., degree, 54.
- Jordan, H. H.,  
appointment, 79, 615.  
Summer session appointment, 770.
- Jordan, J. C., appointment, 104, 609.
- Jordan, J. G., degree, 754.
- Joseph, W. E.,  
appointment, 73, 619.  
degree, 51.
- Journal of English and Germanic Philol-  
ogy*, appropriations, 84.  
report of, 266.
- Joyce, P. V., degree, 53.
- Judson, H. P., constitutional conven-  
tion, 736.
- Junkersfeld, Peter, committee, Gregory  
memorial, 666.
- Just, Josephine A., appointment, 123.
- Jutton, Emma R., appointment, 85, 622.
- Kagy, J. L., degree, 48.
- Kailer, F. S., degree, 46.
- Kaiser, J. B., appointment, 623.
- Kamm, Oliver,  
appointment, 54, 77, 612.  
degree, 236.  
Summer session appointment, 770.
- Kapsa, Pauline R.,  
appointment, 646.  
attending physician, 661.
- Karraker, P. E., appointment, 82.
- Karch, A. W., degree, 53.
- Karrer, Sebastian, appointment, 616,  
630.
- Karkow, Waldemar, degree, 232.
- Karsten, Eleanor G., appointment, 108,  
622.
- Katz, Louise W., appointment, 676.
- Kastel, T. J., degree, 48.
- Kaun, W. V., degree, 232.
- Kay, C. J., degree, 232.
- Kay, G. J., degree, 232.
- Kays, D. J., degree, 47.  
final honors, 152.
- Kearsley, Mary J., appointment, 646.
- Keech, Gertrude, appointment, 82, 108.
- Keene, E. S., degree, 51.
- Keith, L. B., degree, 231.
- Kell, C. N., degree, 47.
- Keller, O. A., appointment, 83, 619.
- Keller, Oran, appointment, 105.
- Keller, R. B., appointment, 617.
- Kelley, A. C., degree, 44.
- Kelley, C. F., appointment, 75, 609.
- Kelley, J. H.,  
appointment, 73, 607.  
recommendation, 242.  
report, *Alumni Record*, 242.
- Kelley, Mae E., degree, 230.
- Kelley, R. L., appointment, 608.
- Kelly, F. H., degree, 240.
- Kellogg, J. M., appointment, 79, 614.
- Kelso, Ruth, appointment, 75, 609.
- Kemp, J. G., degree, 52.
- Kempner, A. J.,  
appointment, 78, 613.  
Summer session appointment, 771.
- Kendall, A. F., degree, 48.
- Kendall, G. B., degree, 47.  
final honors, 52.
- Kennedy, R. E., appointment, 79, 615,  
676.
- Kennan, C. M., degree, 44.
- Kent, C. V., fellowship in physics, 222.
- Kent, L. C., degree, 232.
- Kent, W. R., degree, 45.
- Kenwood Bridge Co., bid, completion  
of Armory, 602.
- Kerker, H. E., degree, 48.
- Kern, E. S., degree, 233.
- Kernall, M. J., fellowship in zoölogy.

- Kerndt, A. H., degree, 47.  
 Kessler, C. H., degree, 232.  
 Kessler, Ernst, appointment, 108.  
 Ketcham, V. A., appointment, 75.  
 Kettle River Co., contract for stone, 727.  
 Keys, deposit for, 182.  
 Kiernan, Arthur, appointment, 78.  
 Kilburn, Frances N., degree, 49.  
 Kile, R. P., degree, 240.  
 Kile, Jessie J., scholarship in history, 222.  
 Kimball, A. H., appointment, 79, 614.  
 Kimball, S. F., appointment, 79.  
 Kimbell, A. W., degree, 232.  
 Kindred, J. E., scholarship in zoölogy, 752.  
 King, Lillian M., degree, 233.  
 King, O. A., appointment, 644.  
 King Construction Co., bid, 101.  
 Kingsbury, H. B., degree, 49.  
 Kingsbury, Margaret, appointment, 85.  
 Kingsley, A. C., heard concerning re-opening of College of Dentistry, 186.  
 Kingsley, J. S.,  
   appointment authorized, 599.  
   appointment, 613, 630.  
 Kinley, David,  
   appointment, 72, 611, 621.  
   appointed vice president, 596.  
   appointments by, 160, 162, 674, 750.  
   attended meeting, 155, 174.  
   leave of absence, 730.  
   letter, educational exhibit, 737.  
   from E. O. Hovey (Crockerland Expedition), 197.  
   research work, 761.  
   presented recommendations, 160, 162.  
   recommendation, refund of fees, 703.  
   requests, graduate school balance, 153.  
   traveling fellowship, 746.  
   resolutions congratulating, 740.  
   salary as vice president, 642.  
 Kircher, E. A. T.,  
   degrees, 49.  
   fellowship in mathematics, 222.  
 Kircher, Paul, degree, 46.  
 Kirchhoff, R. C., degree, 231.  
 Kirk, D. D., degree, 234.  
 Kirk, E. C., Dean of School of Dentistry of University of Minnesota, 186.  
 Kirk, Josephine, degree, 44.  
 Kirkpatrick, A. J., signed bond, 207.  
 Kirkup, Florence M., appointment, 83, 621.  
 Kirwin, Nora, appointment, 54, 123, 622.  
 Kirkwood, Francis, degree, 44.  
 Kiyohara, Ippai, degree, 236.  
 Klooster, C. A., degree, 46.  
 Klatz, H. J., degree, 47.  
 Knapp, Aurella,  
   appointment, 85, 622.  
   degree, 48.  
 Knapp, Martha W., degree, 234.  
 Knepper, Myrtle E., degree, 48.  
 Knight, A. R., appointment, 647.  
 Knight, C. K., appointment, 261.  
 Knight, H. T., degree, 240.  
 Knipp, C. T., appointment, 616.  
 Knisely, C. W., auditor's report, 63.  
 Knoche, Viola E., scholarship in German, 222.  
 Knorr, L. E.,  
   appointment, 181, 607.  
   signing of warrants, 768.  
 Knott, Harry, degree, 53.  
 Knox, R. K., degree, 231.  
 Knudsen, C. W., degree, 231.  
 Kobat, D. W., degree, 240.  
 Koch, C. R. E., Secretary of the Dental School of Northwestern University, opinion, 186.  
 Kohn, I. E., J. T.,  
   appointment, 140.  
   degree, 231.  
 Koichi, Hattori, degree, 46.  
 Kolb, H. J., appointment, 55.  
 Koll, I. S.,  
   appointment, 645.  
   attending physician, 661.  
 Koller, A. H.,  
   appointment, 75, 610.  
   Summer session appointment, 770.  
 Kolvoord, Theodore, degree, 53.  
 Koons, G. J., degree, 44.  
 Korsmo, A. M., degree, 237.  
 Kost, W. R., degree, 213.  
 Kusters, S. F., degree, 232.  
 Kotalik, F. J., degree, 240.  
 Koursoumis, C. J., degree, 240.  
 Kraeger, J. F., degree, 231.  
 Kraemer, G. C., degree, 745.  
 Kraft, S. H., degree, 53.  
 Kraft, J. C., attending physician, 661.  
 Kramer, J. C., degree, 232.  
 Krannert, H. C., degree, 47.  
 Krassa, J. C. M., degree, 240.  
 Kratz, A. P., appointment, 81, 617.  
 Kratz, E. V.,  
   degree, 46, 235.  
   final honors, 52.  
 Kratzenstein, L. R., degree, 53.  
 Krause, E. A., degree, 44.  
 Krebs, W. S., degree, 230.  
 Kremmers, H. C., appointment, 612.  
 Krey, A. C., appointment, 55, 610.  
 Krudwig, Edna, appointment, 769.  
 Kubela, L. F., degree, 53.  
 Kuhl, J. H., Jr., degree, 231.  
 Kunz, Jacob, appointment, 616.  
 Kyle, Martha J.,  
   appointment, 75, 609.  
   appointed assistant Dean of Women, 627.  
**Labor, appropriations, 201.**  
   expense, 191.  
**Laboratory, Applied Mechanics, original cost, 148.**  
   Botany and Zoölogy, construction authorized, 753.  
   site, 730.  
   Locomotive Testing, protest against noise, 724.  
**Laboratory fees,**  
   botany, 12.  
   chemistry, 211.  
   dairy husbandry, 705.  
   entomology, 170.  
   household science, 211.  
   mining engineering, 153.  
   new, established, 270.  
   zoology, 592.  
 LaForge, A. W., degree, 240.  
 Lahr, Lawrence, appointment, 676.  
 Laing, G. D., degree, 47.  
 Lake, E. J., appointment, 609.  
 Lamb, Allis, appointment, 123, 608.  
 Lamb, B. F.,  
   fellowship in economics, 751.  
   scholarship in economics, 222.  
 Lamb, C. A., degree, 45.  
 Lamb, Nellie B., degree, 44.  
 Lamkey, E. M. R.,  
   appointment, 105, 611.  
   degree, 230.  
   final honors, 238.  
 La Moille experiment field, 244.  
**Land,**  
   Busey, sale proposed, 754.  
   experimental fields for, 66, 210, 256, 648.  
   Comptroller's report, 709.  
   purchase delayed, 637.  
   approved, 638, 639, 640, 652.  
   appropriation, 625, 654.  
   of, 119, 637, 654.

## Land—Concluded.

Sullivan, lease and option, 182.  
 sums needed for, 263.  
 Urbana, between Goodwin and Matthews avenues, cost of, 68.  
 Urbana, southeast of forestry, 92.  
 Landee, M. C., appointment, 75, 84, 609, 621.  
 Landscape gardening, professorship established, 70.  
 Landsea, A. F., degree, 46.  
 Lane, Cora M., degree, 230.  
 Lane, E. C., degree, 745.  
 Lang, J. M.,  
 appointment, 644.  
 attending physician, 661.  
 Lang, Leroy, appointment, 83, 619.  
 Langdon, Margie E., degree, 48.  
 Langelier, W. F., appointment, 86, 629.  
 Lanham, D. L., appointment, 79.  
 Lanhan, E. T., appointment, 79, 615.  
 Lantz, C. W.,  
 degree, 230.  
 final honors, 238.  
 scholarship in botany, 222.  
 Lapin, C. P., degree, 240.  
 Larkin, F. D., degree, 230.  
 Larkin, Ida C., degree, 230.  
 Larkin, W. J., Jr., degree, 231.  
 Larsen, L. R., degree, 232.  
 Larson, L. M., appointment, 73, 610.  
 Laryngology, department of, attending physician, 660.  
 Latin, Summer session appointments, 771.  
 Lattin, R. T., degree, 232.  
 Lauer, H. H., appointment, 80.  
 Lauher, P. B., degree, 48.  
 Lavieri, J. R., degree, 53.  
 Law Building,  
 changes in, 91.  
 cost, original, 148.  
 Law, College of,  
 budget, 84, 621, 694.  
 degrees conferred, 229.  
 entrance requirements, 185, 672.  
 needs presented, 137.  
 Laurin, Vidda S., degree, 53.  
 Lawrence, Matthew, appointment, 261.  
 Layden, T. E., degree, 233.  
 Laying, T. E., appointment, 77, 612.  
 Leach, M. F., degree, 230.  
 Leases,  
 approval of, 742.  
 experimental fields, 718, 742.  
 Haines property, 151, 156, 741.  
 Pharmacy Building, 723.  
 Sullivan land, 182.  
 signature by Comptroller, 741.  
 Leatherman, Marion, appointment, 623.  
 Leave of absence,  
 granted Professor Carnahan, 175.  
 granted Professor Fairlie, 669.  
 granted President James, 211.  
 Lebanon Experiment Field, 244.  
 LeCato, J. M., appointment, 611.  
 Lectures, appropriation, 87, 696.  
 Lectureship, in accountancy and comptrollership, 156.  
 Lee, A. R., appointment, 73, 607.  
 Lee, E. S.,  
 appointment, 738.  
 degree, 232.  
 final honors, 238.  
 Lee, H. C., appointment, 647.  
 Lee, K. D., scholarship in history, 752.  
 Lee, W. A., degree, 745.  
 Lee, W. H., appointment, 738.  
 Legal Counsel, expense account of, 596.  
 Legality of Delegation of Signature of Warrants, 768.  
 Legality of Executive Committee meeting of April, 24, 1913, 228.  
 Legislative bills, informal report, 263, 594.

Legislative campaign affecting University, statement concerning, 594.  
 Legislature, address to in regard to appropriations, 186.  
 Lehenbauer, P. A., fellowship in botany, 222.  
 Leighty, W. R., appointment, 82, 618.  
 Leitz, L. A., appointment, 615.  
 Lemaire, Leon and R. May, deed, 256.  
 Lemon, C. H., purchase of lot, 718.  
 Leo, H. T., degree, 45.  
 Leonard, E. F.,  
 appointment, 646.  
 attending physician, 660.  
 Leonard, F. B.,  
 degree, 44.  
 final honors, 52.  
 Leonard, Russel, appointment, 648.  
 Leonard, Ruth, degree, 44.  
 Lescher, G. C., appointment to Advisory Board, School of Pharmacy, 600.  
 Leslie, E. H.,  
 appointment, 77, 140.  
 degree, 231.  
 final honors, 238.  
 special honors, 238.  
 Lessing, O. E.,  
 appointment, 72, 610.  
 Summer session appointment, 770.  
 Leutwiler, O. A., appointment, 615.  
 Levis, W. E., degree, 233.  
 Lewis, H. F., appointment, 648.  
 Lewis, J. H., degree, 49.  
 Lewis, Edna, degree, 44.  
 Lewis, F. D., degree, 47.  
 Lewis, Katherine, degree, 44.  
 Lewis, R. E., degree, 45.  
 Lewis, W. B., degree, 53.  
 Lewison, Maurice, appointment, 644.  
 Liberal Arts and Sciences, College of,  
 budget, 609, 690.  
 deanship, 200.  
 entrance requirements, 763.  
 requirements for graduations, 764.  
 Library,  
 and Library School budget, 84, 85, 621, 694.  
 appropriation for cataloging, 759.  
 addition to, appropriation asked, 191, 696.  
 budget, 694.  
 lighting in, 40.  
 needs presented, 136.  
 Library, Committee on, report, 725.  
 Library Bureau, bid on book stacks, 728.  
 Library, College of Medicine, assignment of funds, 651.  
 Library Building, (new).  
 cost, 148.  
 location, 259, 264, 698.  
 necessity for, 674.  
 plans, 160.  
 recommendation concerning, 674.  
 Library Building, (old), original cost, 148.  
 Library, Classical, of Johannes Vahlen, authority for purchase of, 259.  
 Library fines, appropriation, 119.  
 Library School,  
 budget, 84, 621, 694.  
 degrees conferred, 229.  
 Library stacks, addition,  
 appropriation, 191, 625, 686.  
 bids authorized, 704.  
 contracts awarded, 727.  
 cost estimated, 625.  
 plan for extension, 273.  
 Lichty, L. C.,  
 appointment, 751.  
 research fellowship, 752.  
 Lien, A. J., fellowship, 55.  
 Lietz, Gretchen K., degree, 235.  
 Lietz, Louis A., appointment, 108.  
 Light, heat and power plant,  
 appropriation, 120, 590.

- Light, heat and power plant—Concluded.  
 extension of tunnels for, 757.  
 expense, 696.  
 new Engineering Building, connection,  
 91.  
 plan for extension, 272.
- Lighting,  
 campus,  
   appropriation approved, 590.  
   plan for, 273.  
 facilities for, in Morrow Hall, 591.  
 Library, 40.  
 for New Armory, 757.
- Lillihei, I. L., appointment, 75.
- Lincoln Avenue,  
 paving of, 65.  
 request, street car line, 761.
- Lincoln and Michigan Avenues,  
 contract for the paving, 102.  
 paving of, 141.
- Lincoln Hall,  
 bookcases, appropriation, 591.  
 cabinets and collections, appropri-  
 ation, 190.  
 changing locks, 590.  
 changes in room 405, 591.  
 cost of extension, 148.  
 dedication, 174.  
   publication of proceedings, 641.  
   finishing additional rooms, 758.  
   original cost, 148.  
   vacuum cleaners, 591.
- Lincoln, Mary C., appointment, 73.
- Lincoln, Warren, scholarship in ani-  
 mal husbandry, 222.
- Lindberg, Ruth M. M., degree, 44.
- Linder, Grace, appointment, 83.
- Lindley, W. C., report, College of Law,  
 185.
- Linkens, R. H., appointment, 105, 613.
- Lindsey, C. M., appointment, 105.
- Literature and Art, College of,  
 budget, 74, 76.  
 deanship, 175.  
 degrees conferred, 44, 229.  
 needs presented, 136.  
 union with College of Science, 71.
- Litman, Simon,  
 appointment, 76, 611.  
 Summer session appointment, 770.
- Little, E. P., purchase of lot, 718.
- Little, R. F., appointment, degree, 53.
- Littlefield, E. W., degree, 53.
- Littlejohn, Lulu L., degree, 44.
- Littler, S. H., degree, 49.
- Littleton, A. C., degree, 45.
- Littleton, L. R., degree, 51.
- Live stock, investigation, appropri-  
 ation asked, 191.
- Livingstone, L. L.,  
 degree, 46.  
 final honors, 52.
- Llewellyn, J. C., prize for architectural  
 engineers, 244.
- Loans and fees, delinquent, employment  
 of collecting agency, 211, 223.
- Loan Fund,  
 employment of collecting agency, 223.  
 Snyder, authority to sue for loan  
 overdue, 129.  
 comptroller's report, 109.  
 W. B. McKinley, 129.
- Lobralcom, R. V., degree, 53.
- Locke, Clara E., degree, 231.
- Locker fee, men's Gymnasium, in-  
 creased, 67.
- Locomotive Laboratory,  
 gift for, 146.  
 plans and authority for bids and con-  
 tracts, 91.  
 plans, 87.  
 protest against noise, 724.
- Leffler, F. X., degree, 232.
- Loehr, T. E., degree, 230.
- Loewe, G. M., degree, 53.
- Lockers, Gymnasium, appropriation, 184.
- Logan, C. C., appointment, 81, 618.
- Logan, R. E., degree, 53.
- Loh, P. K., degree, 233.
- Lohr, L. W., degree, 230.
- Lollar, E. H., degree, 213.
- Lollar, M. E., degree, 240.
- Lonius, J. C., appointment, 676.
- Loomis, R. S., appointment, 648.
- Lorch, G. J., appointment, 645.
- Lord, L. C., letter, School of Education  
 Building, 603.
- Lord and Burnham, bid, 101.
- Lorens, L. L., degree, 53.
- Lorenzen, W. C., degree, 47.
- Loring, F. C., appointment, 79, 615.
- Loring, J. B.,  
 appointment, 645.  
 attending physician, 660.
- Loutzenhiser, Sarah E., degree, 230.
- Love, Elizabeth, appointment, 660.
- Love, Mary E., appointment, 660.
- Luczak, J. H., degree, 240.
- Luckiesh, Edward, degree, 213.
- Ludwig, C. A., appointment, 105.
- Ludwig, E. R., degree, 50.
- Lueders, A. H., degree, 240.
- Lukas, Christine, appointment, degree,  
 240.
- Lukasek, A. M., degree, 213.
- Lukens, W. P.,  
 appointment, 751.  
 research fellowship, 752.
- Lund, Stella, appointment, 79, 614.
- Lundholm, J. S., degree, 240.
- Lundquist, H. T., appointment, 105.
- Luney, E. R., degree, 232.
- Luther, Caroline, degree, 44.
- Luther, Cornelia M., appointment, 706.
- Lybbyer, A. H., appointment, 269, 610,  
 630.
- Lyman, Edna, appointment, 84.
- Lyman, G. R., appointment, 628.
- Lyman, L. T., appointment, 738.
- Lloyd, J. W., appointment, 619.
- Lytie, E. B.,  
 appointment, 78, 613.  
 Summer session appointment, 771.
- Lynn, J. H., degree, 53.
- McAlister, Dessie B., appointment, 79.
- MacArthur, C. G., appointment, 103, 612.
- McCall, J. W., letter, continuation of  
 investigation of Illinois Canner's Asso-  
 ciation, 260.
- McCarthy, Ellen S., appointment, 77.
- McClanahan, B. V., appointment, 676.
- McClanahan, F. C., degree, 240.
- McClintock, M. C., degree, 233.
- McCobb, Lois D., appointment, 83.
- McConn, C. M.,  
 appointment, 74, 608.  
 abstract of report, 266.  
 communication, refund of fees, 65.  
 entrance requirements, College of  
 Law, 672.  
 re-elected Secretary and Registrar,  
 195.  
 report, Haines lease, 156.  
*Journal of English and Germanic  
 Philology*, 266.  
 of fees, 739.  
 of registration, 128, 138.  
 resignation of secretaryship, 661..
- McConnell, A. H., degree, 45.
- McConnell, W. R., degree, 45.
- McCornack, E. A., degree, 240.
- McCoy, D. W., degree, 44.
- McCoy, E. A., fellowship in history, 752.
- McCrillis, W. W., degree, 54.
- McCullough, John, lease, 772.
- McClune, J. McC., degree, 230.
- McDaniel, A. B., appointment, 103, 614.
- McDermot, E. E., degree, 54.



- McDermet, R. R., degree, 46.  
research fellowship, 56.
- McDonald, E. M., appointment, 55.
- Macdonald, Janet M., degree, 234.
- McDougall, W. B., appointment, 599, 611.
- McDowell, W. I., appointment, 645.
- McEwen, Mary G., appointment, 644.  
request, 49.
- McFarland, D. F., appointment, 81, 612, 616.
- McFarland, E. H., degree, 46.
- Macfarlane, Wallace, degree, 235.  
fellowship in agronomy, 222, 751.
- McGehee, Hester E., appointment, 676.
- McGill, Elizabeth R., degree, 44.
- MacGillivray, A. D., appointment, 613.
- McGovrisk, D. H., degree, 231.
- McGrath, F. X., degree, 45.
- McGregor, H. H., fellowship in chemistry, 55, 222.
- MacGregor, Halbert, degree, 46.
- McGrew, C. B., degree, 231.  
final honors, 238.
- McGuire, D. F., degree, 240.
- McGurty, Agnes, appointment, 76, 668.
- McHarry, Jessie, degree, 49.
- McHarry, Liesette J., degree, 44.
- MacInnes, D. A., appointment, 77, 612.  
Summer session appointment, 770.
- McIntire, W. A., appointment, 676.
- McIntire, W. R., degree, 46.
- McIntosh, Donald, appointment, 620.
- McIntosh, H. S., degree, 232.
- McIntyre, G. E., degree, 231.
- McIntyre, Mabel, degree, 230.
- McJohnston, Harrison, appointment, 609.
- McKee, P. H., degree, 49.
- McKenna, Charles M., appointment, 645.
- McKenna, E. L., scholarship in economics, 222.
- McKinley, J. T., degree, 230.
- McKinley, W. B., loan fund, 129.  
request from, 761.
- McLarty, R. C., degree, 45.
- McLellan, G. L., degree, 240.
- McLean County, lease of field, 718.
- McMullen, C. J., degree, 53.
- McMullan, H. E., degree, 230.
- McMullen, Jane, appointment, 86, 629.
- McNary, F. C., degree, 46.
- McNeally, R. W., appointment, 645.
- McNeil, Roy, degree, 213.
- McQuaid, J. J., degree, 45.
- Magee, E. C., degree, 233.
- Magnolia Experiment Field, 244.
- Magruder, I. W., appointment, 676.
- Machinery in University, inspection, eliminate hazardous conditions, 295.
- Maguire, J. C., appointment, 660.
- Maki, Itsu, degree, 44.
- Malcolm, C. W., appointment, 73.
- Maltby, Harrison, appointment, 645.  
attending physician, 661.
- Maltby, J. H., appointment, 53.
- Mandel, Elias, degree, 45.
- Maney, G. A., appointment, 56.
- Manito Experiment Field, 244.
- Manley, E. J., appointment, 123, 621.
- Manley, Verna A., appointment, 142.
- Manierre, A. E., degree, 46.
- Mann, E. H., degree, 233.
- Mann, F. I., presents needs of soil survey, 136.
- Mann, H. J., degree, 54.
- Manspeaker, L. M., appointment, 79, 614.
- Manspeaker, W. W., degree, 46.
- Manual Training, Summer session appointment, 771.
- Manuel, W. A., appointment, 612.
- Markley, L. S., degree, 233.
- Marks, W. R., degree, 53.
- Marquette, H. B., degree, 47.
- Marquis, S. D., appointment, 612.
- Marriot, F. M., signed bond, 207.
- Marshall, F. E., degree, 232.
- Marshall, Ruth, appointment, 261.
- Martin, H. W., degree, 53.
- Martin, O. R., appointment, 75.  
degree, 54, 234.
- Martin, Robert, degree, 54.
- Martin, S. G., degree, 46.
- Martin, W. J. S., complaint, 99.
- Mascoutah Experiment Field, 244.
- Mason, M. S., degree, 234.
- Massey, Esther, degree, 49.
- Masters, J. H., degree, 232.
- Math, E. R., appointment, 648, 738.
- Mathematics, department of.  
budget, 78, 613, 690, 691.  
Summer session appointments, 770.
- Mather, Cornelia G., degree, 231.
- Mathers, Jennie A., appointment, 163, 206, 608.
- Mathers, L. E., degree, 233.
- Mathers, M. B., degree, 233.
- Mathews and Goodwin avenues, cost of land between, 68.
- Mathews, C. W., degree, 46.
- Mathews, Howard, degree, 232.
- Mathews, Howard, final honors, 238.  
scholarship in English, 222.
- Mathews, J. M., appointment, 610.
- Mathews, L. M., degree, 47.
- Mathews, Mr., of Onarga, publication of data, 641.
- Mathewson, L. C., degree, 49.
- Mathis, V. A., degree, 47.
- Mathis, F. W., degree, 48.
- Matriculants, directory of, 597.  
appropriation, 696.
- Matriculation fee, no refund of, 65.
- Mattoon, C. M., degree, 44.
- Mattson, E. N., degree, 47.
- Mauzy, J. A., degree, 232.
- May, H. G., appointment, 660.
- Mayer, D. B., degree, 46.
- Mayes, G. W., degree, 232.  
final honors, 238.
- Maymol, E. F., degree, 231.
- Maypole proceeds, to be held in trust, 270.
- Maxwell, Grace J., appointment, 55.
- Maxwell, John, degree, 240.
- Mechanical Engineering, department of.  
appropriation for improvements, 639.  
budget, 79, 615, 690.  
extension, 625.  
new fees, 270.  
original cost, 148.  
shops, appropriation asked, 602.  
Summer session appointment, 771.
- Mechanics, Theoretical and Applied, department of.  
budget, 80, 616, 691.  
Summer session appointments, 771.  
transfer of funds, 760.
- Medicine and Pharmacy, standing committee on, 205.  
report of committee, 118, 592, 643.
- Medicine, College of.  
address to General Assembly, 206.  
Alumni resolutions, 726.  
appointments, 643, 660.  
appropriation, 210, 219, 273, 594.  
appropriation asked, 210, 219.  
assignment of funds, 656.  
bonding, 237.  
budget, 694.  
clinical faculty, 643.  
committee on, 205.  
report, 118, 592, 643.  
Comptroller's report, 113.  
deed and bill of sale, 204.

- Medicine, College of—Concluded.  
   degrees, 239.  
   authority to confer, 214, 745.  
   Bachelor of Science, 762.  
   dispensary staff, 661.  
   entrance requirements, 197, 671.  
   faculty, recommendation concerning, 625.  
   fees, student, income from, 689.  
   final settlement, 70, 96, 97, 107.  
   mechanical plant, changes in, 758.  
   missionary scholarships, 97, 641.  
   mortgage, extensions, 595.  
   payment on, 595, 641, 667.  
   payment of interest, 185, 269, 595.  
   petty cash fund, 185, 601.  
   Physicians and Surgeons, College of.  
     conditional acceptance of property, 99, 118.  
     acceptance of, 172.  
     audit of accounts, 196.  
     charter cancelled, 705.  
     corporation tax, 640.  
     directors, resignation of, 177, 204.  
     donation of stocks, 99, 116, 138, 180.  
     reopening, 98, 172.  
     reorganization, 593.  
   Dr. Moorehead on, 208.  
   resolutions, 116, 117, 726.  
     offered by President James, 116.  
   Secretary appointed, 626.  
   Secretary's balance, 786.  
   service to State, 194.  
   smoking prohibited in building, 671.  
   statement of accounts, 784.  
   stenographer, additional, 596.  
   Summer session, 200, 594.  
   students, fees, 56.  
   tuition, rates of, 184.  
   valuation of property, 257, 642.  
 Medical Society, Illinois State, resolutions, 116.  
 Medical School, Rush, consolidation with, 747.  
 Meek, C. T., degree, 233.  
 Meeker, Arthur, Chairman of Engineering Committee, 205.  
 Meeker, Senator, presented, 136.  
 Meier, Alice, scholarship in German, 752.  
 Memorial Building, President Gregory, 132, 736.  
   permission for erection of gateway, 227.  
   senior, policy of University, 737.  
 Men, Dean of, office budget, 74, 608, 690.  
 Men, physical training for, budget, 84, 695.  
 Mendelsohn, P. I., degree, 645.  
 Meneley, Maude, appointment, 74, 607.  
 Men's Gymnasium, clean towel system, 67.  
 Merchant, Donna, appointment, 676.  
 Merica, P. D., appointment, 751.  
 Merrills, F. E., degree, 49.  
 Merris, C. E., degree, 46.  
 Merchat, R. W., degree, 745.  
 Mershon, J. I., degree, 53.  
 Meseck, R., appointment, 86, 623.  
 Meserve, T. D., degree, 230.  
 Metal shops,  
   original cost, 148.  
   water proofing basement, 591.  
 Metcalf, W. B.,  
   appointment, 645.  
   attending physician, 660.  
 Metcalf, Eli, degree, 213.  
 Mettler, L. H., appointment, 644.  
 Meyer, A. C., degree, 54.  
 Meyer, G. H., appointment, 72, 608, 610.  
 Meyers, H. A., degree, 240.  
 Meyer, William, degree, 45.  
 Meyerovitz, Max, appointment, 645.  
 Miche, Irene, appointment, 74.  
 Michigan Avenue, paving, 41, 102.  
 Michigan Board of Regents, resolutions concerning athletics, 657.  
 Michigan State Telephone Company's stock, sale of a certificate of, 270.  
 Michel, Carl, degree, 53.  
 Middleton, W. S., degree, 232.  
 Midvale Steel Company, presented axels and wheels for Locomotive Testing Laboratory, 146.  
 Miles, Lois M., scholarship in classics, 222.  
 Miles, P. K.,  
   degree, 47.  
   final honors, 52.  
 Military, department of.  
   additional companies, 696.  
   appropriation, 240.  
   bond for ordnance, 133, 143.  
   budget, 83, 621, 695.  
   sabres and belts for officers, 226.  
   scholarships, 87, 760.  
   uniforms,  
     bids and contracts, 223.  
     deposit required, 667.  
 Milk and cream, method of paying for, 149, 159, 170.  
 Mill tax bill, 187.  
   collections, 718.  
   income, 187, 192, 689.  
 Mill tax fund, State appropriations from, 689.  
 Millar, Mary, appointment, 676.  
 Millard, E. B.,  
   appointment, 77.  
   fellowship in chemistry, 222.  
 Millard, F. H.,  
   appointment, 80.  
   degree, 50.  
 Miller, C. E. J., degree, 53.  
 Miller, C. F., appointment, 77, 612.  
 Miller, E. C., appointment, 648.  
 Miller, E. C., degree, 53.  
 Miller, F. R., appointment, 123.  
 Miller, G. A., appointment, 613.  
 Miller, H. A., protest against noise of Locomotive Testing Laboratory, 724.  
 Miller, H. W.,  
   appointment, 614, 615.  
   report, ages of students, 178.  
 Miller, J. E.,  
   degree, 234.  
   fellowship in history, 55, 222.  
 Miller, Jessie F.,  
   degree, 229.  
   honors, 238.  
   scholarship in classics, 222.  
 Miller, Mabel L., degree, 44.  
 Miller, Marle B., scholarship in household science, 752.  
 Miller, Marie M., degree, 44.  
 Miller, M. K., degree, 45.  
 Miller, P. M., degree, 53.  
 Miller, R. N.,  
   appointment, 77.  
   degree, 236.  
 Miller, S. D., degree, 47.  
 Miller, Wilhelm, appointment, 140, 620.  
 Miller, W. S.,  
   appointment, 75, 609, 617.  
   Summer session appointment, 770.  
 Miller, W. P., Summer session appointment, 770.  
 Miller, W. W., degree, 230.  
 Millizen, J. E., degree, 45.  
 Mills, C. H.,  
   appointment, 72, 83, 620.  
   petition for support of orchestral concerts, 264.  
   request for support of orchestra, concerts, 722.  
 Mills, G. G.,  
   appointment, 676.  
   degree, 46.  
 Mills, Matthew, appointment, 645.

- Mine Rescue Station, needs presented, 138.  
 Miner, Mary E., degree, 47.  
 Miners' and Mechanics' Institutes,  
   budget, 689, 696.  
   director appointed, 667.  
   income, 689.  
 Mines, U. S. Bureau of, appropriation  
   for coöperative work in, 80, 191.  
 Mining-Ceramics Laboratory, original  
   cost, 148.  
 Mining, cooperative investigation, ap-  
   propriation, 191, 735.  
   budget, 616.  
 Mining Engineering, department of,  
   budget, 80, 191, 616.  
   laboratory fees in, 153.  
   needs presented, 138.  
 Ministers of Champaign and Urbana,  
   resolutions, 726.  
 Minonk Experiment Field, 244.  
 Minor, L. L., degree, 233.  
 Minutes approved, 121, 138, 155, 163,  
   178, 181, 202, 228, 687, 688, 726,  
   745, 753.  
   consideration deferred, 194, 260.  
   corrected and approved, 263.  
 Mirick, H. R.,  
   degree, 230.  
   scholarship in economics, 751.  
 Miscellaneous appropriations, 87, 689,  
   696.  
 Misner, F. deS., degree, 232.  
*Mississippi Valley Historical Review*,  
   appropriation, 704.  
 Mitchell, Brainerd, Jr., appointment, 105.  
 Mitchell, Eva, degree, 44.  
 Mirchell, H. H.,  
   appointment, 82, 619.  
   degree, 236.  
 Mitchell, J. O., degree, 231.  
 Mitchell, J. H., degree, 50.  
 Mitchell, Margaret, appointment, 123.  
 Mitchell, Marguerite, appointment, 648.  
 Mitzenmacher, E. A., degree, 240.  
 Mix, M. I., degree, 232.  
 Mize, R. C., degree, 233.  
 Moh, Hsiang-yuek, degree, 233.  
 Mohlmann, F. W.,  
   appointment, 86, 629.  
   degree, 45.  
   final honors, 52.  
   special honors, 52.  
 Mohr, Herman, degree, 48.  
 Moir, Alexander, {  
   Moir, Phoebe,    deed of land for ex-  
                     periment field, 256.  
 Moir, James,    }  
 Moir, Edna.  
 Mojonnier, J. J., degree, 45.  
 Moles, O. C., scholarship in political  
   science, 222.  
 Monreux Experiment Field, 244.  
 Moneys, authority to receive, 196.  
 Monroe, Ralph, degree, 48.  
 Montgomery, H. E., degree, 46.  
 Montgomery, Julian, research fellow-  
   ship, 222.  
 Montgomery, M. A.,  
   awarded Plym fellowship, 239.  
   degree, 46.  
 Montigil, J. R., degree, 46.  
 Moon, V. H., appointment, 676.  
 Moore, A. F.,  
   appointed to Building and Grounds  
   Committee, 205.  
   Chairman of Finance Committee, 205.  
   elected to Executive Committee, 195,  
   726.  
 Moore, Charles R., appointment, 738.  
 Moore, Earnest, attending physician, 660.  
 Moore, F. D., appointment, 644.  
 Moore, H. C.,  
   appointment, 108.  
   degree, 233.  
 Moore, H. H., degree, 53.  
 Moore, H. F., appointment, 81, 617, 748,  
   769.  
 Moore, J. G., letter, School of Educa-  
   tion Building, 603.  
 Moore, J. J., appointment, 660.  
 Moore, L. R., degree, 53.  
 Moore, O. H., appointment, 140, 610.  
 Moore, Ruby, appointment, 84.  
 Moorehead, F. B.,  
   appointment, 627.  
   hearing, 186, 608.  
   letter, quarters for School of Pharm-  
   acy, 603.  
   request, College of Dentistry, 208.  
 Moran, T. F., Summer session appoint-  
   ment, 771.  
 Morava Construction Company,  
   contract for Armory, 602.  
   bid for completion of Armory, 602.  
 Morey Lloyd,  
   appointment, 74, 607.  
   statement, voucher No. 19166, 144.  
   to approve vouchers and requisitions,  
   119.  
 Morgan, F. L., degree, 46.  
 Morgan, H. E., degree, 233.  
 Morgan, W. R., appointment, 738.  
 Morgan, W. P., letter, School of Edu-  
   cation Building, 603.  
 Morrill, G. L., degree, 47.  
 Morris, A. E., degree, 230.  
 Morris, A. M., degree, 233.  
 Morris, R. W., appointment, 645.  
 Morrison, N. B., lease, 743.  
 Morrison, R. LeR., degree, 47.  
 Morrow Hall, lighting facilities for, 591.  
 Morrow, J. A., appointment, 72, 74, 608.  
 Morse, B. C.,  
   appointment, 72, 93.  
   detail requested, 212.  
   letter, flooring of new Armory, 271.  
   for authorization to receive bids  
   and award contracts for uni-  
   forms, 179.  
   recommendation, sabres and belts, 226.  
   request for retention of, 212.  
 Mortgage against Heller released, 146.  
 Morton, Mary G., degree, 48.  
 Moschel, Margaret, degree, 44.  
 Moser, L. E., degree, 46.  
 Moser, Olga F., degree, 233.  
 Moses, Chida V., degree, 44.  
 Mosher, Edna,  
   degree, 236.  
   fellowship in entomology, 752.  
 Mosher, W. K., degree, 236.  
 Mosier, J. G., appointment, 617.  
 Moss, C. M., appointment, 609.  
 Mosser, Robert, appointment, attending  
   physician, 660.  
 Motes, Marie A., degree, 240.  
 Moulton, Gertrude E.,  
   appointment, 72, 84, 621.  
   recommendation, swimming pool, 737.  
   request, playground, 270.  
   maypole proceeds, 749.  
 Mounce, George, degree, 230.  
 Mount Hope Cemetery Association, lease  
   of field, 743.  
 Mount Morris Experiment Field, 244.  
 Mounts, Maryon E., degree, 230.  
 Mourning, Nellie I., degree, 44.  
 Morrill fund, 689.  
 Muehlman, R. E., appointment, 738.  
 Mullen, C. J., degree, 45.  
 Mumford, H. W.,  
   appointment, 618.  
   request, barbecue, 592.  
   Sullivan land, lease and option, 182.  
 Municipal and Sanitary Engineering  
   and Theoretical and Applied Mechan-  
   ics, department of.  
   budget, 80, 191, 616.  
 Muncie, F. W.,  
   appointment, 55, 83, 620.  
   degree, 236.  
 Munn, Margaret M., appointment, 142.  
 Munroe, C. LeR., degree, 231.

- Murdock, H. E., appointment, 80.  
 Murphy, K. T., degree, 232.  
 Murphy, Morris, appointment, 608.  
 Murphy, M. W., appointment, 120, 123.  
 Murphy, R. D., degree, 53.  
 Murray, N. F., degree, 46.  
 Museum.  
   appropriation for materials, 655.  
   needs presented,  
     archaeology and classical art, 136.  
     European culture, 136.  
     Natural History, 136.  
 Music, School of.  
   budget, 83, 620, 621, 694.  
   cost of proposed building, 148.  
   degrees conferred, 48, 233.  
   entrance requirements, 757.  
   transfer to Woman's Building, proposed, 194.  
   Summer session appointments, 771.  
 Musselman, T. E., degree, 235.  
 Myers, A. L., degree, 232.  
 Myers, C. E., degree, 230.  
 Myers, H. D., degree, 46.  
 Myers, J. W., degree, 233.  
 Myers, Lena J.,  
   degree, 229.  
   honors, 238.  
 Myers, Odessa M., scholarship in classics, 751.  
 Myerson, Abraham, degree, 745.\*
- Nabel, M. L., appointment, 676.  
 Nadeau, E. G., appointment, 676.  
 Nafziger, Henry, degree, 46.  
 Nagle, Sybil, appointment, 751.  
 Narkinsky, C. S., degree, 46.  
 Nasif, N. G., degree, 53.  
 Nasmyth, H. D., appointment, 227, 620.  
 Nathanson, A. M., Summer session appointment, 771.  
 Nathanson, J. B., appointment, 616, 630.  
   degree, 235.  
 Nation, Gertrude C., deed of land to University, 66.  
 National Guard, commission in, 53, 239.  
 Natural History Building, addition to, 67, 190, 598, 625.  
   authority to proceed with plans for completion, 598.  
   cost of extension, estimated, 148, 625.  
   original cost, 148.  
   remodeling of room 317, appropriation, 599.  
   temperature regulation, 41, 591.  
   vacuum cleaner, 591.  
 Natural History Museum, appropriation, 78.  
   donations for Museum, 657.  
   needs presented, 136.  
 Natural History, State Laboratory of, report, 158, 591.  
 Nau, R. H., degree, 46.  
 Nay, J. R., degree, 46.  
 Nebel, M. L., degree, 232.  
   final honors, 238.  
   scholarship, 222.  
 Needs of College of Science, 157.  
 Needs of departments, further presentation, by members of faculty, 136, 137.  
 Needham, Carrie I., degree, 45.  
 Needham, Lucile, appointment, 676.  
 Neely, J. L., degree, 283.  
 Neff, E. B., degree, 240.  
 Nehrling, A. H., appointment, 83, 620.  
 Neill, Alma J., appointment, 613.  
   degree, 230.  
   final honors, 238.  
 Nelson fund, 689.  
 Nelson, C. F., appointment, 105.  
 Nelson, Idris, degree, 45.  
 Nelson, J. C., degree, 46.  
 Nelson, R. A.,  
   appointment, 612.  
   degree, 47.  
 Nelson, W. S., appointment, 79, 615.  
 Nepotism, interpretation of rule against, 149, 185, 272.  
   rule repealed, 604.  
 Neurology, department of, attending physicians, 660.  
 Nevada Street property, recommendation for purchase adopted, 652.  
 Nevins, A. S., degree, 230.  
 Nevins, J. A.,  
   appointment, 75.  
   degree, 44, 235.  
   honors, 52.  
 Newberger, Charles, appointment, 646.  
 Newell, Anna G., honorary fellowship, 752.  
 Newell, C. R., appointment, 76, 611, 676.  
 Newlin, C. I., appointment, 619.  
   degree, 47.  
 Newman, Fanny, degree, 230.  
 Newman, H. P., appointment, 648.  
 News bulletins, appropriation, 87, 696.  
 Newton experiment field, 244.  
 Newton, L. V., degree, 232.  
 Nichols, Harry, degree, 240.  
 Nichols, I. C., degree, 50.  
 Nichols, J. L., degree, 230.  
 Nichols, R. U., degree, 231.  
 Nickell, L. F., degree, 237.  
 Nickey, Barbara M., degree, 53.  
 Nicki, F. S., degree, 47.  
 Nicolas, Jaime, degree, 53.  
 Niederman, Gertrude, appointment, 81, 618.  
 Niehaus, William, degree, 46.  
 Nierstheimer, Louise M., degree, 44.  
 Nitrogen fixation experiments, transfer of funds, 759.  
 Noble, A. G., degree, 240.  
 Noerenberg, C. E., appointment, 80, 616.  
 Nolan, A. W., appointment, 617.  
 Non-employment of relatives, rule repealed, 604.  
 Noon, J. A., degree, 230.  
 Norbury, F. G., degree, 234.  
 Norris, G. B., appointment, 84.  
 North, A. T., degree, 746.  
 North, Foster, board confirms degree, 754.  
 North greenhouses, painting of, 41.  
 North, J. W., report on the death of, by Judge Harker, 670.  
 Northwestern University, committee, constitutional convention, 736.  
 Noth, Lillian G., degree, 44.  
 Nottelmann, R. H., appointment, 55.  
   degree, 234.  
 Nourse, F. M., degree, 46.  
 Noyes, F. B., appointment, 648.  
 Noyes, W. A., appointment, 611.  
   presents needs of department of chemistry, 136.  
   recommendation, 226.  
   request, 141, 671.  
 Nutrition investigation, laboratory, appropriations asked, 192.  
   members of commission, partial payment of, 215.  
   rooms for work in, 627.  
   transfer of funds, 759.  
 Nutrition, research laboratory, report of work, 245.  
 Nutt, J. S., degree, 231.  
 Nyberg, Florence A., appointment, 616.
- Oaks, Catherine S., appointment, 123, 163, 660.  
   degree, 48.  
 Oates, J. F., degree, 240.  
 Oathout, C. L., degree, 233.  
 Oberdorfer, H. D.,  
   appointment, 92, 608.  
   attended meeting, 174.  
   letter, injuries to student, 177, 179.  
   report, 178.

- Oblong experiment field, 244.  
 Observatory, astronomy, original cost, 148.  
 Observatory, small, appropriations, 696.  
 plans approved, 699, 729.  
 Obstetrics, department of, attending physicians, 661.  
 Ochs, Arthur, appointment, 676.  
 Ochsner, A. J., appointment, 644.  
 O'Connor, C. A., degree, 233.  
 Odin experiment field, 244.  
 O'Donnell, T. E., degree, 231.  
 Oehmke, M. F., degree, 233.  
 Office of Dean of L. A. & S., changes, 591.  
 Office expenses, bill from University Treasurer, 600.  
 Office, general University, 141.  
 Officers, election of, 195.  
 in regiment, to be given sabers and belts, 226.  
 Ogden, P. L., degree, 232.  
 Ogle, A. H., degree, 230.  
 Ogle, C. R., degree, 232.  
 O'Herrin, N. L., degree, 53.  
 Ohman, A. R., degree, 240.  
 Okey, Ruth E., appointment, 769.  
 Oldfather, W. A., appointment, 609.  
 presents needs of Library, 136.  
 Olin, H. L., appointment, 77.  
 Oliver, C. B., degree, 47.  
 Oliver, T. E., appointment, 610.  
 Summer session appointment, 770.  
 Olson, Florence A., degree, 44.  
 honors, 52.  
 Olson, O. S., degree, 53.  
 Olson, P. J., degree, 235.  
 Olson, W. K., degree, 53.  
 O'Malley, J. G., degree, 53.  
 O'Mara, Tom, scholarship, 751.  
 Operating expenses, budget of, 689.  
 increased appropriation asked, 188, 192.  
 Operation, maintenance and equipment expense, 689.  
 Opinion, concerning turning over University receipts to State Auditor, 664, 665.  
 of legal counsel, *see* Harker, O. A.  
 Option, land southeast of the forestry, 92.  
 Reinhart property, 595.  
 Sullivan land, 183.  
 Orbison, J. A., degree, 240.  
 Orchard Lane, widening and paving, 65, 101.  
 Orchestral concerts, appropriation for, 722.  
 authorized, 591.  
 support of, 264.  
 Ordinance, to vacate alley, 723.  
 Ordinance and ordinance stores, bond for, 133, 143.  
 Ordonez, B. R., degree, 232.  
 Organ for Auditorium, appropriation, 655.  
 contract, 705.  
 contract awarded, 735.  
 loft appropriation, 753.  
 Organizations, various, resolutions from, 726.  
 Orr, C. C., degree, 745.  
 Osborn, D., letter, 69.  
 Osborn, H. F., letter, 210.  
 Ostrowski, L. J., degree, 53.  
 Otis, H. A., degree, 46.  
 Ottman, H. P., degree, 233.  
 Ou, H. C., degree, 50.  
 Ousley, H. P., appointment, 676.  
 Outside work, by members of University staff, 152.  
 Overland, Amy M., degree, 44.  
 scholarship, 55.  
 Overmier, Emmons, degree, 232.  
 Overmier, M. D., degree, 50.  
 Owens, A. W., appointment, 55, 77.  
 Owens, R. W., scholarship, in electrical engineering, 752.  
 Owre, Dr. Alfred, Dean of College of Dentistry, of Minnesota, opinion, 186.  
 Pack, Margaret, degree, 230.  
 Packard, Bessie, appointment, 81, 620.  
 transferred, 108.  
 Packard, W. H., summer session appointment, 772.  
 Page, G. T., recommendation, College of Law, 185.  
 Page, Leonora S., appointment, 676.  
 Paine, E. B., appointment, 615.  
 Paine, Ruby H., degree, 53.  
 Painter, L. G., appointment, 108.  
 Painting, appropriation, 41, 191.  
 Palese, J. D., degree, 54.  
 Palm, F. C., scholarship in history, 752.  
 Palmer, C. E., degree, 46.  
 Palmer, J. A., degree, 234.  
 Palmer, W. K., Jr., degree, 233.  
 Pana experiment field, 244.  
 Panama-Pacific Exposition, exhibit requested, 737.  
 proposed exhibit for, 600.  
 Pankow, C. J., degree, 231.  
 Parcel, J. I., appointment, 628, 677.  
 Park, J. B., appointment, 81, 618.  
 degree, 50.  
 Park, J. C., Summer session appointment, 771.  
 Parke, L. L., degree, 240.  
 Parker, B. B., degree, 53.  
 Parker, Helen L., degree, 230.  
 Parker, H. N., appointment, 73, 619.  
 Parker, Karr, scholarship in chemistry, 222.  
 Parkhurst, M. S., degree, 47.  
 Parmelee, Ruth A., degree, 53.  
 Parr, C. H., degree, 233.  
 Parr, Rosalie, appointment, 77, 611.  
 Parr, S. W., appointment, 611.  
 Parsons, H. McL., degree, 47.  
 Parsons, Maud, appointment, 620.  
 Summer session appointment, 771.  
 Partridge, N. L., degree, 233.  
 scholarship in entomology, 222.  
 Parkinson, H. G., degree, 233.  
 Pasmore, D. F., fellowship, 752.  
 scholarship in German, 222.  
 Patents, on scientific discoveries, contrary to University policy, 761.  
 Patrous, Hannah E., degree, 54.  
 Patterson, D. L., appointment, 261.  
 Patton, Adah, appointment, 85, 622.  
 Patton, Elsie, degree, 230.  
 Patton, F. R., degree, 240.  
 Patton, J. McL., appointment, 643.  
 Patton, L. P., degree, 240.  
 Paul, H. G., appointment, 609.  
 Summer session appointment, 770.  
 Paulson, P. A., scholarship in chemistry, 222.  
 Paulson, W. H., appointment, 677.  
 Pavements and walks, adjoining College of Medicine, appropriation for, 373.  
 appropriations, 120, 190, 696.  
 between Engineering and Physics buildings, 41.  
 Burrill Avenue and East Driveway, 640.  
 Burrill Avenue from University Hall to Auditorium, 590.  
 in front of new Armory, 256.  
 Lincoln Avenue, 65.  
 Michigan and Lincoln avenues, 41.  
 proposed, for Orchard Lane, 101.  
 widening of Orchard Lane, 65.  
 Payment, for dairy materials, method, 159, 170.  
 to Chicago Board of Education, 667.  
 temporary provision for approval, 119.  
 Pea, E. H., degree, 240.

- Pearce, I. F., degree, 745.  
 Pearson, E. B., degree, 240.  
 Pearson, F. A., appointment, 83, 619.  
 Pearson, W. H., degree, 230.  
 Pease, A. S., appointment, 72, 609.  
     presented needs of Museum, 136.  
 Peaslee, H. W., appointment, 140.  
 Peattie, J. F., degree, 53.  
 Peck, Anna L., degree, 44.  
 Pedagogical and classical libraries,  
     authority for purchase of, 259.  
 Peebles, T. A., degree, 231.  
 Peel, Elizabeth C., appointment, 120,  
     123, 608.  
 Peel, Thomas, appointment, 108, 612.  
 Peine, A. F., degree, 234.  
     fellowship in history, 222.  
 Peltier, G. L., appointment, 83, 620.  
 Pendleton, J. C., appointment, 105, 615.  
 Pengilly, H. E., appointment, 621.  
 Penn, J. G., degree, 232.  
 Percentage, of students who return, re-  
     port, 143, 144.  
 Percival, J. H., lease, 772.  
 Percy, N. M., appointment, 644.  
 Perry, H. S., degree, 240.  
 Perry, Leonora, appointment, 82, 677.  
 Personal hazards, report of inspection  
     for, 205.  
 Peterson, Harold, degree, 232.  
 Peterson, Alvah, appointment, 78, 613.  
     degree, 234.  
     Summer session appointment, 770.  
 Petersen, H. C., degree, 232.  
 Peterson, Lola M., degree, 230.  
 Peterson, R. G., degree, 232.  
 Peters, W. W., degree, 236.  
 Pettibone Bros. Mfg. Co., bid on uni-  
     forms, 223.  
 Pettit, J. H., appointment, 617.  
 Petty, R. H., degree, 240.  
 Petty cash funds, established, 601.  
     College of Medicine, 185.  
 Pfeiffer, B. S., degree, 47, 236.  
 Pfeffer, Elizabeth, appointment, 76.  
 Pharmacology, department of, assign-  
     ment of funds, 657.  
 Pharmacy and Medicine, committee on,  
     205.  
 Pharmacy, research work in, 765.  
 Pharmacy, School of, Actuary's balance,  
     786.  
     advisory board, 64, 600.  
     appropriation, 212.  
     appropriation asked, 191.  
     authority to confer degrees, 213.  
     budget, 86, 87, 623, 695.  
     building asked, 176.  
     building lease, 698, 723.  
     Comptroller's report, 163.  
     Curatorship, 119, 128.  
     degrees in, 54, 229, 240, 745.  
     entrance requirements, 600, 760.  
     income from student fees, 639.  
     lot, opening of street through, 758.  
     petty cash fund, 601.  
     purchase of lot for, 746.  
     quarters for, 669.  
     quarters in old Dental College Build-  
         ing, 603.  
     suit against J. R. Walsh estate, 176.  
 Phelps, V. V., appointment, 706.  
 Phifer, C. H., appointment, 645.  
 Philes, G. W., degree, 47.  
     final honors, —  
     special honors, 52.  
 Phillips, J. B., degree, 45.  
 Phillips, L. L., degree, 46.  
 Philosophy, department of, budget, 75,  
     76, 610, 691.  
 Photographic laboratories, appointment  
     of director, 176, 640.  
     appropriation for, 671, 696.  
 Physical plant, care of, appropriation,  
     696, 767.  
 Physical training, department of, ap-  
     proval of courses in Summer session,  
         749.  
     budget, 84, 621.  
     for men, budget, 695.  
     Summer session appointments, 748.  
 Physicians and Surgeons, College of,  
     acceptance of property, 118, 172.  
     audit of accounts, 196.  
     charter to be cancelled, 705.  
     corporation tax, 640.  
     deed and bill of sale, 204.  
     interest payments, 269, 595, 668.  
     mortgage obligations, 209, 595.  
     mortgage, payment on, 641, 667.  
     resignation of board of directors, 177,  
         204.  
     settlement with, 70, 96, 107.  
     stock donated, 99, 133, 180.  
     value of plant, 257.  
     *see also under Medicine, College of.*  
 Physics Building, original cost, 148.  
     lecture room, ventilation, 194.  
 Physics, department of, budget, 80, 81,  
     616, 690.  
     new laboratory fees, 370.  
     Summer session appointments, 771.  
 Physiography, Summer session appoin-  
     tments, 771.  
 Physiology, department of, budget, 78,  
     613, 691.  
 Pickels, G. W., appointment, 79, 615.  
 Pickett, B. S., appointment, 73, 620.  
 Pierce, Norval, appointment, 645.  
 Pillsbury, J. P., appointment, 73.  
 Pillsbury, W. H., appointment, 677, 706.  
 Pinckney, L. A., scholarship in physics,  
     752.  
 Pincomb, Helena M., appointment, 620.  
 Pipe organ, contract for, 735, *see*  
     "Organ."  
 Piper, C. C., degree, 231.  
 Piper, H. B., degree, 233.  
 Pirtle, C. A., presented apparatus, 175.  
 Place, V. A., appointment, 73, 619.  
 Plant breeding and vegetable houses,  
     bids, 155.  
 Plant breeding building, appropriation  
     asked, 191.  
     cost estimated, 625.  
     extension of time, 602.  
 Plant pathology, professor appointed,  
     655.  
 Playground for women, 749.  
 Pletcher, L. J., degree, 230.  
 Pletcher, O. B., degree, 230, 234.  
 Plummer, Honor L., degree, 48.  
 Plym fellowship in architecture, awarded,  
     239.  
 Pogue, R. B., appointment, 261.  
 Political science, department of, appro-  
     priation asked, 191.  
     budget, 76, 610, 691.  
     Summer session appointments, 771.  
 Polish-American history and culture,  
     authority to appoint commission on,  
     736.  
 Polkowski, Harry, degree, 46.  
 Poll, Lillian, appointment, 677.  
 Poll, Mary, purchase of lot, 718.  
 Pomeroy, J. H., appointment, 621.  
 Ponder, R. B., degree, 50.  
 Ponder, W. H., degree, 230.  
 Ponder, Wilma E., degree, 44.  
 Poor, C. M., appointment, 75, 610.  
 Poor, Hattie M., degree, 44.  
 Porath, Edla A., degree, 54.  
 Porch furniture, appropriation from  
     students' hospital fund for, 591.  
 Port, F. J., degree, 53.  
 Porter, Agnes N., degree, 230.  
 Porter, C. C., lease, 743.  
 Porter, C. L., degree, 230.  
 Porter, F. M., appointment, 79, 615.  
 Porter, Mrs. Giles, lease, 742.

- Porter, Houston, degree, 213.  
 Porter, J. L., appointment, 644.  
 Porterfield, W. B., degree, 230.  
 Portuondo y Miyares, Juan, degree, 46.  
 Post, F. W., appointment, 83, 621.  
 Post, G. W., Jr., appointment, 645.  
 Postelwait, Harriet L., appointment, 85, 140, 615.  
 Potter, J. C., fellowship, 55.  
 Potter, Mable, appointment, 677.  
 Potter, R. S., appointment, 79, degree, 237.  
 Powell, B. E., appointment, 73, 81, 617.  
 Powell, J. J., degree, 240.  
 Powell, L. L., degree, 46.  
 Power connections, new engineering building, 91.  
 Power House, addition to, 728.  
 Power of attorney, to sign custom bonds, 226.  
 Power plant, plan for extension of, 272.  
 Power plant, new, original cost, 148.  
 Powers, Luella F., degree, 44.  
 Powers Regulator Co., contract awarded, 756.  
 Powers, S. R., degree, 45.  
 Prasil, Anton, appointment, 77, 612.  
 Prather, T. O., degree, 48.  
 Presbyterian Church in Bloomington, lease of field, 742.  
 Prescott, E. J., statement, interest due, College of Medicine property, 760.  
 President of the Board, authorized to delegate signing of warrants, 199, elected, 195, 726.  
 legality of delegation, 768.  
 President of the University, elected, 195, house, original cost, 148.  
 office budget, 73, 607, 689.  
 painting of house, 41.  
 Press, University, appropriation, 655.  
 Prickett, A. L., appointment, 85, 105, 611, degree, 230.  
 Prince, D. C., degree, 46, 236.  
 final honors, 52.  
 special honors, 52.  
 Prince, F. S., degree, 233.  
 Prindle, M. L., degree, 230.  
 Printing and State Board of Prison Industries, 92, 160.  
 Printing, catalog and circulars, appropriation, 696.  
 "Alumni Record," report of, 242.  
 doctors' theses, regulations, 146.  
 soil maps, etc., appropriation asked, 191.  
 Prison Industries, State Board of, statement by Dean Davenport, 160.  
 University printing, 92.  
 Prize, B'nai B'rith, 150.  
 Llewellyn, for architectural engineers, 244.  
 Property rights in results of research work, 761.  
 Prout, F. J., degree, 232.  
 Prouty, E. G., appointment, 677.  
 Provine, L. H., appointment, 648, 660.  
 Provision, temporary, for approval of purchases and payments, 119.  
 Prucha, M. J., appointment, 184, 221, 619.  
 Prunty, R. S., lease, 772.  
 Psychology, department of, budget, 75, 76, 610, 691.  
 Public accounting, professorship of, 156.  
 Public school drawing exhibit, appropriation, 87, 696.  
 Pulling, Elizabeth, appointment, 677.  
 Pumping Station, appropriation for pavement from Green Street, 120, original cost, 148.  
 Purcell, C. A., degree, 47.  
 Purchase of classical and pedagogical libraries, authority for, 259.  
 Purchase of land, considerations with respect to, 153.  
 general questions referred to Finance Committee, 596.  
 Purchase of land near the University, 606.  
 effect on cost of living, 153.  
 Pusey, W. A., appointment, 644.  
 attended meeting, 179.  
 Putnam, Persis, appointment, 677.  
 Quine, W. E., appointment, 643.  
 resignation of, —.  
 Quinn, R. J., degree, 46.  
 Racial history and culture, commissions, 735, 736.  
 Rackaway, A. W., degree, 745.  
 Radcliffe, B. S., appointments, 142, 614, 630.  
 Radebaugh, G. H., appointment, 79, 615.  
 Summer session appointment, 771.  
 Raff, A. B., appointment, 645.  
 Raffin, Isador, degree, 46.  
 Rahn, Otto, appointment, 73, 611.  
 Railway electrical laboratory, appropriation, 625.  
 Railway engineering, department of, budget, 80, 190, 616.  
 Raleigh experiment field, 244.  
 Ralston, S. A., degree, 232.  
 Ramey, G. E., degree, 46.  
 Ramsey, Captain W. F., letter, bond for ordinance, 143.  
 Rand, C. C., appointment, 614, degree, 231.  
 special honors, 238.  
 Randall, F. M., appointment, 706.  
 Randolph, O. A., appointment, 80, 616, degree, 236.  
 Randolph, O. C. F., degree, 232.  
 Rankin, F. H., appointment, 72, 617.  
 Ransom, Ethel A., degree, 230.  
 Ranson, G. A., degree, 47.  
 Rapeer, L. W., Summer session appointment, 770.  
 Rascher, Charles, degree, 46.  
 special honors, 52.  
 Rategan, E. H., degree, 240.  
 Rathbun, A. E., degree, 230.  
 Rathfon, S. C., degree, 46.  
 Raub, J. B., degree, 53.  
 Ray, B. E., degree, 240.  
 Ray, B. L., degree, 230.  
 Ray, S. H., appointment, 261.  
 Rayner, W. H., appointment, 79, 615, degree, 237.  
 Read, J. W., appointment, 77, 612.  
 Reagan, T. H., degree, 53.  
 Real, E. G., degree, 48.  
 Real Estate Board, Chicago, valuation of medical property, 257.  
 Ream, W. J., degree, 240.  
 Reappointments and filling of vacancies, authority for, 72.  
 Reasoner, J. R., petition, 103.  
 Rebates to students, appropriation for, 119, 240, 741.  
 Rebman, P. J., appointment, 79, 615.  
 Receipts, departmental, appropriation of, 119, 748.  
 local, to be deposited with Treasurer, 207.  
 Reddersen, E. E., degree, 232.  
 final honors, 238.  
 Redhed, Alice, degree, 230.  
 Reece, E. J., appointment, 124, 261, 622, 751.  
 Reed, C. O., appointment, 55, 82, 618.  
 Reed, E. A., degree, 232.  
 Reed, F. W., appointment, 76, 611.  
 Reed, Susan M., degree, 237.  
 Reed, Torrence, degree, 53.  
 Reed's, Jacob Sons, awarded contract, 223.

- Rees, C. C., appointment, 677.  
 Reeves, H. P., degree, 230.  
 scholarship in romance languages, 222.  
 Refund of fees, regulation in regard to, 65.  
     to candidates for professional engineering degree, 703.  
 Regents of University of Michigan, resolutions, 668.  
 Regiment, cadet, organization of additional companies, 760.  
 Registrar, elected, 195.  
     office budget, 74, 608, 690.  
     report of fees, 92, 109, 203, 739.  
     registration, 128, 143, 630, 631.  
     Summer session, 109, 678.  
 Reid, E. A., scholarship in engineering, 752.  
 Reid, Olive G., appointment, 677.  
 Reiff, P. F., appointment, 140.  
     degree, 51.  
 Rein, Fritz, degree, 233.  
 Rein, Lillian E., appointment, 677.  
 Reinemund, J. A., degree, 49.  
 Reisner, C. L., degree, 233.  
 Reitz, W. R., degree, 232.  
 Relatives, employment of, interpretation of rule in regard to, 149, 185, 272.  
     repeal of rule, 604.  
 Release of mortgage against J. Heller, 146.  
 Reliable Plumbing and Heating Co., bid, heating apparatus for Armory, 756.  
 Religious services, appropriation for, 597.  
 Renich, K. L., appointment, 660, 677.  
 Renich, M. E., degree, 49.  
 Renz, Myrtle A., appointment, 140, 622.  
     degree, 48.  
 Reorganization, of College of Medicine, Dr. Moorehead on, 208.  
 Repairs, appropriation requested, 92.  
     appropriation for, 273, 757.  
     budget, 590.  
     in building, report on, 272.  
 Request, that all street cars stop at Burrill Avenue, 104.  
 Research fellowship, 752.  
 Research, for commercial organizations, policy and property rights, 760.  
     laboratory, report of work in nutrition, 245.  
     work, in pharmacy, 765.  
 Resignations, of the Board of Directors of College of Physicians and Surgeons, 177.  
     accepted, 204.  
     Professor Burrill, —.  
     Professor Shattuck, 121.  
     Professor Bleininger, 103.  
     Professor Greene as Dean, 175.  
 Resolutions, appropriation bill before the General Assembly, 259.  
     Chamber of Commerce, Champaign, 740.  
     committee on, death of Dr. A. S. Draper, 224.  
     concerning fireproof construction, 121.  
     General Assembly, Forty-sixth, 259.  
     Illini Club of Chicago, 117, 703.  
     Illinois Cey Manufacturers' Association, 740.  
     Illinois State Medical Society, 116.  
     Medical Alumni, 98.  
     Michigan, University, 668.  
     power of attorney to sign bond, 226.  
     proposed changes in business management, 225.  
     purchase of land, in regard to, 638.  
     rule against employment of relatives, 272, 604.  
     services of Dr. Burrill and Dr. Shattuck, 145.  
     services of Messrs. Hatch and Grout, 193.  
 Resolutions—Concluded.  
     State Horticultural Society, 649.  
     State Highway Commissions, 723.  
     various organizations, 726.  
 Ressler, Milton, appointment, 616.  
 Reum, H. E., degree, 232.  
 Rexwinkle, F. DeL., degree, 46.  
 Rheln, A. E., degree, 240.  
 Rheinhardt property, option on, 595.  
     purchase of land, 639.  
 Rhine, A. C., degree, 53.  
 Rhodes, E. M., degree, 47, 235.  
 Ribbeck, W. A., appointment, 645.  
     attending physician, 661.  
 Rice, G. B., appointed lecturer, 628.  
 Rice, I. P., degree, 240.  
 Rich, E. A., appointment, 55, 108.  
     degree, 233.  
 Rich, J. L., appointment, 78, 613.  
 Rich, P. C., appointment, 612, 706.  
 Richards, C. R., appointed, 614, 617.  
     made acting Dean of Engineering College, 595.  
     request, 272.  
     salary as Dean, 642.  
 Richardson, F. R., appointment, 677.  
 Richardson, R. K., appointment, 751.  
     Summer session appointment, 771.  
 Richart, F. E., scholarship in civil engineering, 752.  
 Riche, A. L., degree, 232.  
     final honors, 238.  
     special honors, 238.  
 Richey, J. J., appointment, 79.  
 Richards, B. R., resignation of, 70.  
 Ricker, N. C., appointment, 614.  
 Ricketts, Clara A., appointment, 142, 622.  
 Riddle, Lillian, degree, 230.  
 Ridgely, T. E., degree, 230.  
 Rietz, H. L., appointment, 81, 613, 617.  
 Rietz, Nelle M., degree, 45.  
     final honors, 52.  
     special honors, 52.  
 Riff, D. M., awarded B'nai B'rith Prize, 239.  
 Riggs, Bess, appointment, 677, 751.  
 Righter, Nellie P., degree, 230.  
 Riley, C. F. C., degree, 51.  
     fellowship in zoology, 222.  
 Rinaker, Clarissa, appointment, 261, 609.  
     degree, 237.  
 Rinaker, Harriet, appointment, 83.  
 Rinard, J. J., lease of field, 143.  
 Ripley, C. T., degree, 51.  
 Ritter Dental Supply House, bid, 627.  
 Roark, R. J., degree, 50.  
 Robb, W. C., appointment, 769.  
 Robbins, Budd, degree, 53.  
 Roberts, C. C., degree, 45.  
 Roberts, C. S., degree, 48.  
 Roberts, Elmer, appointment, 617.  
     degree, 233.  
     final honors, 238.  
     Summer session appointment, 770.  
 Roberts, H. V., degree, 231.  
 Roberts, M. F., appointment, 261.  
 Roberts, Mary H., appointment, 85.  
 Roberts, Nellie, appointment, 769.  
     degree, 230.  
 Roberts, S. H., degree, 54.  
 Robertson, Eva L., degree, 230.  
 Robertson, Nellie M., appointment, 85, 622.  
     degree, 234.  
     final honors, 239.  
 Robertson, W. J., request, recompensation for theft of suit, 765.  
 Robertson, W. S., appointment, 610, 751.  
     Summer session appointment, 771.  
 Robinson, Anna B., degree, 45.  
 Robinson, C. M., appointment, 619.  
 Robinson, Emily, degree, 48.  
 Robinson, Florence E., degree, 230.  
 Robinson, Grace M., degree, 44.



- Robinson, M. H., appointment, 611.  
leave of absence, 703.  
recommendation, Board of Examiners  
in Accountancy, 723.  
Robinson, P. T., degree, 47.  
Robinson, T. L., degree, 47.  
Rockford experiment field, 244.  
Rodgers, Della M., appointment, 140,  
616.  
Rogers, F. K., degree, 54.  
Rogers, W. A., and Susan, purchase of  
lot, 718.  
Rohrbough, F. C., degree, 232.  
final honors, 238.  
Rohrlack, O. H., appointment, 644.  
Rolfe, C. W., appointment, 613.  
Roman, Walter, Jr., degree, 45.  
Romance languages, department of,  
budget, 75, 76, 610.  
incidental fund, 746.  
Roofing court of Agricultural Building, 42.  
Roome, C. T., appointment, 645.  
Rooms, for student organizations, 142.  
Root, R. R., appointment, 105, 620.  
Ropp, Pearl I., degree, 44.  
Ross, Amos, lease, 772.  
Ross, C. S., appointment, 613.  
Ross, E. L., degree, 51.  
Ross, S. J., degree, 54, 230.  
Rossbach, E. J., degree, 47.  
Roth, Abraham, degree, 54.  
Rothamsted experiment station, 704.  
Rottger, R. C., degree, 230.  
Roushausen, Clara, appointment, 677.  
Rowe, C. A., presented needs of farm  
crops, 136.  
Rowe, R. Y., degree, 230.  
Rowland, Delta E., degree, 54.  
Rowland, S. A., appointment, 78, 613,  
677.  
Summer session appointment, 771.  
Ruby, G. B., appointment, 612.  
Ruby, I. R., degree, 231.  
Rucker, H. J., degree, 233.  
Ruckle, J. G., scholarship extended, 737.  
Ruckmich, C. A., appointment, 648.  
Ruddick, H. C., degree, 54.  
Rudolph, Louis, appointment, 645.  
Rueckert, E. E., degree, 745.  
Ruehe, H. A., appointment, 83, 619.  
Rugg, H. O., appointment, 79, 615.  
Rule 13a, fee for changes, amendment,  
704.  
Rule, non-employment of relatives, re-  
pealed, 604.  
Rumery, Fay, degree, 233.  
Rump, G. H., degree, 51.  
Rundles, Earl, degree, 232.  
Rupert, R. R., appointment, 648.  
degree, 54.  
Rush Medical School, proposed consoli-  
dation, 747.  
Rusher, F. E., degree, 47.  
Rusk, H. P., appointment, 82, 619.  
Rusoff, Samuel, scholarship in ceramics,  
751.  
Russell, F. A., appointment, 261.  
Russell, L. M., degree, 45.  
Russell, Robbins, scholarship in chem-  
istry, 751.  
Rust, Grace A., degree, 45.  
Ruth, W. A., appointment, 83, 620.  
Rutledge, George, appointment, 78, 613,  
degree, 235.  
fellowship in mathematics, 752.  
Summer session appointment, 771.  
Ryan, Frank, appointment, 677.  
Ryan, Rose E., appointment, 74.  
successor appointed, 163.  
  
Sabers and belts, to be given to cadet  
officers at graduation, 226.  
Sabin, Ethel E., fellowship in philosophy,  
752.  
Sabine, Prof. W., invited to inspect  
Auditorium, 658.  
  
Sachs, W. H., appointment, 82, 618.  
Sadler, W. C., degree, 232.  
Saffell, W. I., signed bond, 207.  
Salaries, increases,  
joint resolutions concerning, 190.  
recommendations approved, 642.  
summary of, 624.  
Salaries and operating expenses, in-  
creased appropriation asked, 186, 190.  
Salary budget, 1913-1914, 607, 624.  
approval of, 625.  
Salary warrants, delegation of signing  
of, 199.  
Sale of houses, 738.  
on site of engineering buildings, pro-  
ceeds appropriated, 141.  
Salisbury, Ethel I., degree, 230.  
Salk, R. S., degree, 240.  
Salt peter investigation, appropriation,  
696.  
Samuels, T. W., appointment, 738.  
degree, 48.  
Sandall, E. E., degree, 233.  
Sandberg, R. L., degree, 46.  
Sangdahl, G. S., degree, 232.  
Sanitary conditions, in buildings, 194.  
Sanitary sewer, Urbana, extension of,  
103.  
Santos, R. A., degree, 240.  
Sarett, L. R., appointment, 124, 609.  
Sargeant, S. S., degree, 233.  
Sarvela, H. L., degree, 54.  
Sasko, M. P., degree, 53.  
Saunders, Dr. Annetta A., suggested  
name for Woman's Building, 746.  
Saunders, H. O., degree, 46.  
Savage, John, appointment, 677.  
Savage, T. E., appointment, 613.  
Sawyer, A. L., degree, 240.  
Saxton, Olive F., appointment, 74, 608.  
Sayre, C. B., appointment, 620.  
degree, 233.  
final honors, 238.  
Scandinavian-American history and cul-  
ture, authority to appoint commission  
on, 736.  
Scanlan, Mary, appointment, 86, 623.  
Scarlet fever hospital, appropriation,  
726, 762.  
report on, 719.  
Schaefer, P. C., report, College of Law,  
185.  
Schaffer, Wilhelmina M., degree, 49.  
Schaffner, Dr. Philip, attending phy-  
sician, 661.  
Schalck, E. M., degree, 230.  
Schaller, A. L., degree, 51.  
Schaller, W. F., degree, 50.  
Schance, T. J., degree, 47.  
Scheer, R. A., scholarship in sociology,  
222.  
Scheid, J. P., degree, 230.  
Scheidenhelm, E. L., bids, Stock Judg-  
ing Pavilion, 159.  
Schenck, Chester, degree, 46.  
final honors, 52.  
Scherfee, S. H., appointment, 108, 611.  
Schiele, W. C., degree, 54.  
Schinnerer, O. P., degree, 230.  
scholarship in German, 222.  
Schlink, F. J., degree, 47.  
Schluis, Louise G., degree, 230.  
Schmid, Harold, degree, 745.  
Schmidt, C. H., appointment, 645.  
Schmidt, E. C., appointment, 616.  
report, extension of heat, light, and  
power plant, 272.  
statement, rule against nepotism;  
also account of new Locomotive  
Testing Laboratory, 149.  
Schmidt, Lorentz, degree, 231.  
Schmitt Bros., Cl., J. F., bid on Armory,  
88.  
Schmitz, E. A., degree, 232.  
Schneider, H. F., appointment, 124.  
Schnellback, J. F., appointment, 648.

- Schnoor, E. W., appointment, 645.  
 Schoemaker, Dr. D. M., appointment authorized, 767.  
 Schoenberg, A. J., appointment, 646.  
 Schoeppele, Gertrude, appointment, 75, 599, 609.  
 Schoessel, C. A., degree, 232.  
 Scholarship, agricultural, extension of, 737.  
 Scholarships, band and military, appropriation, 696.  
   for Bulgarian students, requested, 256.  
   Henry Strong fund, 129.  
   in Graduate School, 153, 735, 751.  
   missionary, in medicine, 97, 641.  
 Scholl, Clarence, appointment, 86, 612, degree, 231.  
   fellowship in chemistry, 751.  
 Scholl, L. A., fellowship in chemistry, 223.  
 Scholz, A. L., degree, 46.  
 School of Education, site for building, 654.  
 School of Pharmacy, entrance requirements raised, 641.  
 Schoolcraft, P. L., degree, 230.  
 Schoonoven, W. R., appointment, 77, 648.  
 Schuellerbach, J. F., degree, 232.  
 Schuh, H. W., appointment to Advisory Board, School of Pharmacy, 600.  
 Schulters, J. R., appointment, 610.  
 Schultz, C. J., degree, 213.  
 Schultz, Louis, appointment, 648.  
 Schultz, S. G., appointment, 677.  
 Schulz, W. C., degree, 213.  
 Schulz, W. F., appointment, 616.  
 Schundner, L. V., degree, 46.  
 Schur, Raymond, appointment, 677.  
 Schuette, T. H., degree, 44.  
 Schwartz, O. J., degree, 47.  
 Schwartz, E. W., degree, 45.  
 Schwartz, G. F., appointment, 620.  
 Science and Literature and Arts, consolidation of Colleges, 71.  
 Science, College of, budget, general budget, 157.  
   growth and needs of, 156.  
   reappointments and increases in salaries, 76, 77.  
 Science, general entrance requirements, 763.  
 Sconce, Emma H. J., and Fannie F., deed of land to University, 66.  
 Scott, Edna L., appointment, 206, 622.  
 Scott, F. W., appointment, 72, 609, degree, 51.  
 Scott, R. C., degree, 230.  
 Scoville, H. T., appointment, 628.  
 Scroggin, D. L., appointment, 79, 615.  
 Sears, G. W., appointment, 77, 612.  
   Summer session appointment, 770.  
 Seawell, Cornelia R., degree, 234, scholarship, 55.  
 Second Presbyterian Church, Bloomington, lease, 718.  
 Secretary of Board, authorized to delegate signing of warrants, 199.  
   elected, 195, 688, 726.  
   resignation of, 661.  
 Seebach, Marie, suit of, 729.  
 Seely, F. B., appointment, 80, 261, 616.  
   Summer session appointment, 771.  
 Seese, R. St. C., degree, 46, 236, scholarship, 55.  
 Segall, I. S., degree, 240.  
 Seidenberg, N. C., appointment, 124.  
 Seifried, J. F., degree, 46.  
 Seiler, G. W., degree, 230.  
 Seiler, O. E., degree, 44.  
 Sellin, Joseph, appointment, 677.  
 Seipple, Clara P., appointment, 646.  
 Seiwell, H. S., degree, 240.  
 Sekine, Sentaro, degree, 232.  
 Sellards, J. A., degree, 44.  
 Senate committee, memorandum concerning recommendation, 265.  
   report on extension work, 157.  
 Senate, University, recommendation concerning new Library Building, 674.  
   recommendation, degree for A. T. North, 746.  
   resolutions, 726.  
 Senay, C. T., honorary fellowship in zoology, 752.  
 Sendenburgh, Edith I., degree, 230.  
 Senior memorial, gateway, 227.  
   general University policy, 737.  
   location of, 41, 737.  
 Service buildings, for horticultural greenhouses, approval of plans, bids and contracts, 117.  
 Settlement, for Transportation Building, 120.  
 Severinghaus, M. G. H., degree, 230.  
 Sex instruction, request for a course in, 649.  
 Seymour, A. R., appointment, 610.  
   salary as advisor to foreign students, 662.  
 Seymour, L. A., degree, 240.  
 Seymour, Lurens, appointment, 599, 620.  
 Seyster, Mildred C., degree, 230.  
   final honors, 238.  
   scholarship in physics, 222.  
 Shafer, H. O., appointment, 645.  
 Schaffner, P. F., appointment, 646.  
 Shapiro, I. M., degree, 45.  
 Shapland, C. J., degree, 46.  
 Sharp, Bertha L., appointment, 207, 622.  
 Sharp, Ethel, 677.  
 Sharpe, H. R., degree, 240.  
 Shattuck, S. W., appointed Professor Emeritus, 154.  
   Comptroller's statement, 97.  
   report, 58, 109.  
   resignation, 121.  
   resignation accepted, 121.  
   resolutions, 145.  
 Shaw, Hazel Y., appointment, 660.  
 Shaw, J. B., appointment, 73, 613.  
 Shay, Amanda A., degree, 54.  
 Sheay, John, degree, 47.  
 Sheffel, Yetta, appointment, 738.  
 Sheldon, Mary S., signed communication, 130.  
 Shelford, V. E., appointment, 767.  
 Shells, marine and fresh water, donation to museum, 657.  
 Shen, Wen-Yu, degree, 233.  
 Shepard, Anna L., appointment, 73, 607.  
 Shepard, C. O., degree, 54.  
 Sheperd, Queen L., appointment, 75, 599, 610, degree, 238.  
 Sherman, S. P., appointment, 609.  
 Sherwin, C. P., degree, 236.  
 Shewade, V. Y., degree, 46.  
 Shewart, W. A., degree, 230.  
   scholarship in physics, 222.  
 Shields, N. H., bid and contract, completion of Armory, 698.  
   bid on Armory, 88.  
   bid, vegetable greenhouses, 106.  
   bids, Floricultural and Vegetable and Plant Breeding houses, 155.  
   bids, Stock Judging Pavilion, 159.  
   contract authorized, 753.  
   contract awarded, concrete floor and stucco ends for Armory, 756.  
   contract for Armory, 727.  
 Shipman, F. E., degree, 54.  
 Shirk, W. A., degree, 44.  
 Shoemaker, Ruth, appointment, 648.  
 Shook, G. A., appointment, 80, 616.  
 Shop practice, appropriation asked, 190.  
 Shops, engineering, appropriation for improvements asked, 696.  
 Shower baths and partitions, Woman's Building, 591.  
 Showers, T. J., appointment, 108, 608.  
 Shulters, J. R., appointment, 261.  
 Shultz, Edith A., degree, 230.  
 Sibley experiment field, 244.

- Sidell experiment field, 244.  
 Siebens, Thekla M., scholarship in German, 222.  
 Sieberns, L. C., degree, 48.  
 Siegbahn, Nik, appointment, 677.  
 Siemen, Bertha A., degree, 230.  
 Sievert, C. W. J., appointment, 77, 612.  
 Signature of warrants, delegation of, 199.  
 legality, 768.  
 of vouchers to be sent to Auditor of Public Accounts, 259.  
 Signor, Nellie M., degree, 44.  
 Sima, C. A., degree, 240.  
 Simmering, S. L., degree, 236.  
 fellowship, 55.  
 Simmonds, W. E., appointment, 751.  
 Simmons, J. W., Jr., degree, 46.  
 Simmons, L. H., degree, 240.  
 Simon, appointment, 660.  
 Simonini, P. C., degree, 47.  
 Simons, A. McD., degree, 46, 236.  
 Simons, C. LeR., degree, 47.  
 Simons, G. A., degree, 45.  
 Simpson, A. M., degree, 232.  
 Simpson, C. C., degree, 45.  
 Sifpson, Frances, appointment, 85, 124, 621.  
 Simpson, Francis M., appointment, 81, 619.  
 Simpson, G. E., appointment, 108.  
 degree, 231.  
 Sims, C. E., appointment, 738.  
 Sinclair, Bessie B., degree, 240.  
 Sinclair, Clara, degree, 44.  
 Sisam, C. H., appointment, 613.  
 Sisam, Mrs. C. H., degree, 230.  
 Sjoblom, M. C., appointment, 629.  
 Skiles, J. R., degree, 230.  
 Skinner, G. S., appointment, 612, 738.  
 Skogland, C. A., degree, 232.  
 Eladek, V. R., degree, 46.  
 Slaman, Corrine, degree, 54.  
 Slater, Sara M., appointment, 79, 614.  
 Slater, W. A., appointment, 81, 616.  
 degree, 51.  
 Slavic-American history and culture, authority to appoint commission on, 736.  
 Slavik, E. F., degree, 240.  
 Sloan, G. A., degree, 240.  
 Slonover, W. D., degree, 44.  
 Slough, Georgia K., degree, 48.  
 Small, J. C., appointment, 648.  
 Smedley, Irene, degree, 54.  
 Smejkal, H. J., appointment, 645.  
 Smith, A. B., signing of bond, 207.  
 Smith, Adelle C., appointment, 608.  
 reappointment, 74.  
 Smith, A. D., degree, 232.  
 Smith, Bertram, appointment, 85.  
 Smith, Constance B., appointment, 620.  
 Summer session appointment, 771.  
 Smith, C. C., degree, 46.  
 Smith, C. V., degree, 240.  
 Smith, C. W., degree, 232.  
 Smith, Florence E., appointment, 55, 617.  
 Smith, F. A., degree, 240.  
 Smith, F. A. C., appointment, 620.  
 Smith, Frank, appointment, 72, 613.  
 presents needs of the Museum of Natural History, 136.  
 statement, donations to Museum, 657.  
 Smith, G. H., degree, 240.  
 Smith, G. M., appointment, 77, 612.  
 Smith, G. W., appointment, 613.  
 Smith, H. E., appointment, 751.  
 Smith, I. M., appointment, 74, 608.  
 Smith, Jessie A., appointment, 73.  
 Smith, J. E., appointment, 614.  
 Smith, J. M., signing of bond, 207.  
 Smith, J. R., degree, 54.  
 Smith, L. D., appointment, 599, 612.  
 Smith, L. G., degree, 232.  
 final honors, 238.  
 Smith, L. H., appointment, 617.  
 letter, lease of field, 718.  
 Smith, Mary L., degree, —.  
 Smith, Mayme L., appointment, 77, 612.  
 Smith, O. H., appointment, 80, 616.  
 Summer session appointment, 771.  
 Smith, P. A., degree, 49.  
 Smith, R. S., degree, 233.  
 final honors, 238.  
 scholarship in agronomy, 222.  
 Smith, T. J., letter, memorial building for his wife, 755.  
 Smith, W. C., appointment, 646.  
 Smith, W. H., appointment, 619.  
 degree, 50.  
 Summer session appointment, 770.  
 Smith, W. W., degree, 237.  
 Smith-Lever Bill, for agricultural extension, 766.  
 Smith Memorial Music Building, site assigned for, 755.  
 Smoking, prohibited in medical and dental buildings, 671.  
 Snapp, R. R., degree, 230, 233.  
 final honors, 238.  
 Sneed & Company Iron Works, contract for bookstacks, 727.  
 Snelling, C. K., appointment, 83.  
 Snider, H. J., appointment, 618.  
 degree, 238.  
 Snodgrass, J. M., appointment, 108, 616.  
 Snook, J. D., appointment, 612.  
 Snook, V. J., degree, 49.  
 Snow, C. M., appointment, 86, 623.  
 Snyder, A. E., degree, 47.  
 Snyder, F. O., degree, 240.  
 Snyder Loan Fund, Comptroller's report, 109.  
 delinquent loans, employment of collection agency authorized, 129.  
 interest, appropriation, 119.  
 Snyder, Mrs. Mary, gift of collection of Algae, 761.  
 Sociology, department of, budget, 75, 76, 611, 691.  
 Summer session appointments, 771.  
 Soderberg, A. F., degree, 231.  
 Soil investigations, appropriation asked, 191.  
 Soil maps, etc., printing of, appropriation asked, 191.  
 Soil survey, needs presented, 136.  
 Solomon, Myer, appointment, 646.  
 Somers, G. H., report of committee on case of, 63.  
 Sorensen, N. C., degree, 231.  
 Soto, R. A., degree, 47.  
 Souder, Bonnell M., degree, 240.  
 Souers, M. A., degree, 233.  
 South farm buildings, painting of, 41.  
 Spalding, C. W., report of suit against University, 267.  
 Spalding, O. R., degree, 54.  
 Spangler, Mary M., degree, 235.  
 scholarship, 55.  
 Spaulding, C. H., appointment, 660.  
 degree, 46.  
 Special honors, 238.  
 Spence, A. D., degree, 45.  
 Spencer, E. R., appointment, 181.  
 Spindler, G. W., appointment, 660.  
 Spitler, C. H., degree, 230.  
 Sponsler, J. M., degree, 47.  
 Springe, Otto, degree, 45.  
 special honors, 52.  
 Stables, H. F., degree, 213.  
 Stacks, library, appropriation, 191.  
 Stahl, A. C., degree, 47.  
 Staley, Irene E., degree, 49.  
 Stallings, L. S., degree, 233.  
 Standing committees, 205, 750.  
 Stanley, O. O., appointment, 19, 78.  
 Stanley, T. B., appointment, 609.  
 Stapel, Amanda E., degree, 44.

- Staples, O. E., appointment, 74, 195, 607.  
 authorized to release mortgage, 146.  
 bond, 726.  
 extra vacation, 723.  
 petty cash fund appropriation, 601.  
 request, 119.  
 title changed to Bursar, 256.
- Starr, Florence, letter, medical scholarship, 641.
- Starr, S. P., appointment, 648.
- State appropriations, balance, 777.  
 Comptroller's report, 59, 61, 111, 169, 219.  
 from general fund, 689.  
 from mill tax fund, 689.
- State Architect, former, bill from approved, 258.
- see Dibelka, J. B.
- State Auditor, demand of, 663.
- State Bank of Chicago, to pay warrants already drawn against Mr. Haugan, 207.
- State Board of Prison Industries and the Civil Service Commission, relations with, 160.
- State Board of Prison Industries and University printing, statement of the Board, 92.
- State Constitutional Convention, Inter-University Committee, 736.
- State Entomologist's Building, painting of, 41.
- State Farmers' Institute, resolutions, 726.
- State Highway Commission, resolutions, 723.
- State Horticultural Society, resolutions, 649.
- State laboratory building, needed, 67.  
 probable cost, 148.
- State Medical Society, resolutions, 116.
- State Pharmaceutical Association, request for a School of Pharmacy Building, 176.
- State Treasury, opinions, requirements that all collections be paid into the, 257.
- State Water Survey, budget, 629.  
 emergency appointments authorized, 271.
- States, Bertha G., appointment, 616.
- Statue, of Joseph G. Cannon, gift, 210.
- Stauffer, C. J., degree, 54.
- Steamfitters and plumbers, foreman of, 120.
- Stebbins, Joel, appointment, 611.
- Stedman, Jeanette, degree, 233.
- Steele, D. A. K., appointment, 644.  
 attended meetings, 99, 172, 179.  
 settlement certified, 107.  
 statement concerning donation of stock of College of Medicine, 118, 133.  
 resignation, 205.
- Steffan, R. C., appointment, 646.
- Stein, E. J., degree, 54.
- Stein, Samuel, degree, 240.
- Steitz, appointment, 74, 607.
- Stenographer, additional for College of Medicine, 596.  
 at Board meetings, discontinued, 688.  
 to be employed for Board meetings, 264.
- Stephens, Carl, degree, 44.
- Stephenson, B. J., degree, 54.
- Stern Brothers, bid, contract awarded, 223.
- Stevens, F. S., appointment, 655.
- Stevens, Gladys A., degree, 233.
- Stevens, Grace E., appointment, 124, 620.
- Stevens, Sabra, appointment, 55, 85, 622.
- Stevens, W. E., fellowship in history, 752.  
 scholarship in history, 222.
- Stevenson, D. H., degree, 47.  
 final honors, 52.
- Stevenson, J. V., appointment, 105.  
 degree, 45, 233.
- Steward, R. K., appointment, 79, 615.
- Stewart, C. L., appointment, 55, 105, 660, 746, 769.  
 degree, 48.
- Stewart, G. E., degree, 46.
- Stewart, H. W., appointment, 81, 618.
- Stiefel, I. B., degree, 46.
- Stigman, C. W., degree, 240.
- Stilliam, A. W., appointment, 646.
- Stillians, Dr. Arthur, attending physician, 661.
- Stipes, J. W., signing of bond, 207.
- Stipp, F. V., degree, 230.
- Stitzel, C. M., degree, 47.
- Stock, donation of, College of Physicians and Surgeons, 99, 133, 180.  
 Michigan State Telephone Company's, sale of certificate of, 270.
- Stock Pavilion, appropriation, 625.  
 bids, 129, 148, 159.  
 contracts for, 170.  
 estimated cost, 625.  
 plans, 87, 88, 90, 117, 129.  
 modified, 181.  
 new, 170.  
 progress of, 102.  
 status of contract, 159.
- Stocker, L. O., degree, 46.
- Stoebig, L. E., degree, 213.
- Stoek, H. H., appointment, 616.  
 presents needs of department, 136.
- Stokes, C. N., scholarship in mathematics, 222.
- Stokes, J. W., degree, 46.  
 final honors, 52.  
 research fellowship, 56.  
 special honors, 52.
- Stokey, F. E., degree, 84.
- Stone, Edna L., degree, 44.
- Stone, L. L., degree, 54.
- Stone, O. R., degree, 231.
- Stoolman, A. W., bid, addition to Boiler House, 728.  
 bid, completion of Armory, 698.  
 bid, Floricultural and Vegetable and Plant Breeding houses, 155.  
 bids, Stock Judging Pavilion, 159.  
 contract awarded, addition to Library, 727.  
 time extended, 133.
- Stoppani, Pietro, appointment, 73.
- Storage of coal, 729.
- Storage yard, switch track to, 669.
- Storehouse, appropriation, 702.  
 land for, 640.  
 plans, 702.
- Storey, R. M., appointment, 706.  
 Summer session appointment, 771.
- Stouffer, E. B., appointment, 78, 613.
- Stough, G. H., degree, 232.
- Stowell, C. J., degree, 48.
- Strachon, E. K., appointment, 77.  
 degree, 51.
- Straight, Gladys L., degree, 44.
- Strauch, Bertha H., degree, 45.
- Straw, W. A., appointment, 648, 769.
- Street car line, east of Forestry, 761.
- Street cars, request that they stop at Burrill Avenue, 104.
- Streeter, F. B., fellowship in history, 752.
- Strehlon, P. V., degree, 231.
- Strickland, Frieda O., appointment, 677.
- Strom, Sigurd, appointment, 131.
- Stromquist, W. G., appointment, 86.
- Strong, E. T., appointment, 80, 616.
- Strong, Gordon, communication, 130.
- Strong, Henry, educational fund, 131.  
 scholarships awarded, 129.
- Strong, Lillian, appointment, 108, 608.
- Strouse, Solomon, appointment, 645.
- Stuart, Carroll W., degree, 54.
- Student assistance, in industrial chemistry, 133.
- Student workman, case of injury, 179.

- Students, average age, College of Engineering, 178.  
 Bulgarian, request for scholarships, 256.  
 fees, income, 689.  
 Medicine and Dentistry, 56.  
 referred to special committee, 592.  
 report of, 92.  
 handbook, appropriation for, 71, 265.  
 hospital fund, appropriation from, 741.  
 organizations, assignment of rooms, 142.  
 rebates, appropriation for, 240.  
 welfare, appropriation for system of freshman advisers, 637.  
 committee on, 205.  
 orchestral concerts authorized, 591.  
 report of committee, 191, 591, 637.  
 who return, percentage of, 143.  
 Stulik, George, degree, 213.  
 Stull, R. T., additional remuneration, 184.  
 appointment, 79, 614.  
 request, 759.  
 Stunkard, H. W., appointment, 613.  
 fellowship in zoology, 752.  
 Stusser, Samuel, degree, 54.  
 Styles, E. B., degree, 46.  
 Suit, against Welsh estate, report, 176.  
 Sullivan, C. M., degree, 46.  
 Sullivan, William, lease and option on land, 183.  
 Sullivan, W. W., scholarship in history, 222.  
 Summaries, appropriation asked, 192.  
 income, 192.  
 degrees conferred, 229.  
 salaries, 1913-1914, 624.  
 students, 36-39.  
 Summer camp, need for, College of Engineering, 196.  
 Summer session, admission, salaries, etc., 702.  
 appointments, 770.  
 appropriation, 87, 696.  
 College of Medicine, 200.  
 expense, 190.  
 fees, report of, 678.  
 Library School, 84.  
 Sunday evening addresses, appropriation, 597.  
 Sunday, use of University buildings, 147.  
 Supervising Architect, appropriation, 205, 767.  
 assistant to, appointed, 92.  
 in charge of buildings and grounds, 67.  
 office budget, 74, 608, 696.  
 recommendation, 699.  
 report, 662.  
 stenographer appointed, 120.  
*see also* White, J. M.  
 Surgery, department of, attending physicians, 660.  
 Survey, educational, 722.  
 Sutcliff, Emerson, appointment, 105, 609.  
 Sutherland, A. H., appointment, 610.  
 Sutherland, G. F., appointment, 124.  
 degree, 230.  
 Sutherland, J. B., Jr., degree, 46.  
 Swaney, John, lease, 744.  
 Swannell, H. C., degree, 46.  
 Swanson, F. C., scholarship in history, 752.  
 Swearingen, U. G., signing of bond, 207.  
 Sweetzer, F. E., degree, 47.  
 Swenson, E. H., degree, 232.  
 Swift, Elizabeth A., appointment, 81.  
 Swimming pool, Woman's Gymnasium, opening of, to faculty wives and children, 737.  
 Swimming trunks, in Men's Gymnasium, plan for providing, 175.  
 Switch track, for Locomotive Laboratory, 91.  
 to storage yard, 669.  
 Symons, T. A., degree, 47.  
 Taber, B. F., degree, 231.  
 Taggart, Margaret, appointment, 78.  
 Takahashi, Mitsutaka, degree, 236.  
 Talbot, A. N.,  
 appointment, 616.  
 recommendation, promotion of H. F. Moore, 748.  
 request, for appropriation for extension of heat and light, 272.  
 Talbot, Mildred V., degree, 44.  
 Tanner, F. M., degree, 44.  
 Tanner, F. W., appointment, 86, 625.  
 Tanquary, M. C., degree, 51.  
 Tanner, J. M., presented needs of horticulture, 136.  
 Tarble, C. N., degree, 233.  
 Tarkowski, Leo, appointment, 677.  
 Tate, F. R., degree, 233.  
 Tay, C. D., degree, 54.  
 Taylor, Hazel E., degree, 233.  
 Taylor, E. H.,  
 appointment, 612, 769.  
 degree, 231.  
 final honors, 238.  
 Taylor, Lillian E., appointment, 646, 660.  
 Taylor, M. P., degree, 232.  
 Taylor, R. O., degree, 54.  
 Taylor, S. C.,  
 appointment, 77, 140, 612.  
 degree, 231.  
 Taylor, W. H.,  
 appointment, 78.  
 degree, 235.  
 Taylor, W. L., degree, 45, 233.  
 Taxation, new engineering land exempted, 99.  
 Teal, P. H., appointment, 648.  
 Teaming, contract for, 744.  
 Teeling, P. J., degree, 54.  
 Telephone exchange, appropriation, 696.  
 Telephone and signal service, appropriation asked, 191.  
 Temperature control,  
 appropriation, 41, 591.  
 Armory (new), contract awarded, 756.  
 Natural History Building, 41, 591.  
 Tenney, M. A., scholarship in English, 752.  
 Ter Keurst, Henry D., scholarship, 751.  
 Thayer, Alice Cary, degree, 44.  
 Thayer, Cleaver, degree, 230.  
 Theft of articles left in University buildings, liability of University, 765.  
 Thellen, Margaret K.,  
 degree, 230.  
 scholarship in history, 222.  
 Theobald, Georgiana, attending physician, 660.  
 Theses, Doctors', bond for printing, 147.  
 Thomas, Eldora A., degree, 240.  
 Thomas, H. R., research fellowship, 56.  
 Thomas, R. R., degree, 45.  
 Thomason, J. F., degree, 233.  
 Thome, J. F., degree, 47.  
 Thompson, Alvin, degree, 54.  
 Thompson, C. M.,  
 appointment, 75.  
 appointed instructor in economics, 628.  
 degree, 237.  
 Summer session appointment, 770.  
 Thompson, D. G.,  
 appointment, 78, 660.  
 degree, 234.  
 Thompson, G. F., appointment, 644.  
 Thompson, H. C.,  
 appointment, 140.  
 degree, 230, 238.  
 Thompson, H. P., degree, 232.  
 Thompson, J. G., appointment, 75, 611.  
 Thompson, M. E., appointment, 74, 607.  
 Thompson, M. W., degree, 49.  
 Thompson, R. H., degree, 745.  
 Thoreen, Edna A., appointment, 261.  
 Thorne, Mabel E.,  
 degree, 231.  
 final honors, 238.  
 scholarship in history, 222.

- Thorp, Lambert, appointment, 77, 612.  
 Threlkeld, C. H., degree, 230.  
 Thvedt, C. B., degree, 46.  
 Tice, Frederick, appointment, 644.  
 Tiele, A. J.,  
   appointment, 75, 609.  
   degree, 51.  
   Summer session appointment, 770.  
 Tiele, R. E., degree, 49.  
 Tilden, W. A., nomination, 195.  
 Timber and timber resources, lecture-  
   ship authorized, 162.  
 Timmis, Alice M., degree, 233.  
 Tinen, J. V., degree, 45.  
 Tippet, R. W., appointment, 660.  
 Titcomb, W. C., appointment, 648.  
 Title, Chief Clerk, changed, 256.  
 Todd, A. J., appointment, 75, 611.  
 Todd, V. H., degree, 52.  
 Todd, J. N., degree, 47.  
 Tohill, L. A., degree, 44.  
 Toledo Experiment field, 244.  
 Tolman, H. H., degree, 44.  
 Tomlinson, J. S.,  
   appointment, 678.  
   bonding of, 185.  
 Ton, Adrian, degree, 745.  
 Torrance, Mary,  
   appointment, 85, 623.  
   degree, 234.  
 Towel system, Men's Gymnasium, 67.  
 Towels, H. H., degree, 240.  
 Towne, L. J., appointment, 55, 608.  
 Towns, O. A., degree, 44.  
 Townsend, E. J., appointment, 72, 613.  
   presented needs of College of Science,  
   136.  
 Townsend, L. L., appointment, 621.  
 Tracey, Grover, appointment, 769.  
 Trackage, new,  
   connecting Locomotive Laboratory to  
   storage yard, 609.  
   plan and authority for construction,  
   91.  
 Trade Tour of Chicago Association of  
   Commerce, 747.  
 Transfer of funds,  
   agricultural, College of, 197.  
   Agricultural Experiment Station, 759.  
   to Engineering Experiment Station,  
   760.  
 Transportation Building,  
   acceptance of, 175.  
   bids and contract, 42.  
   completion of authorized, 625.  
   estimated cost, 625.  
   original cost, 148.  
   settlement for, 120.  
   waterproofing basement, 591.  
 Traveling expenses, bills for, rules, 601.  
 Treasurer, Board of Trustees,  
   authorized to receive moneys, 196.  
   balances, 706, 734.  
   rate of interest on, 196, 206.  
   bill for office expenses, 600, 658.  
   bond, amount, 195.  
   Comptroller's report, —.  
   election of, 195.  
   see Mr. M. W. Busey.  
   notice of election, 208.  
   ineligible for re-election, 196.  
   local receipts to be deposited with, 207.  
   recommendation, 207, 208.  
   reconciliation of warrant registers,  
   717, 777.  
   report, 56, 94, 138, 215, 605, 606, 734.  
   transfer of funds and records, 207.  
   vouchers, drawn on, 788.  
 Treat, Edna A., appointment, 83, 621.  
 Treat, Margaret J., degree, 44.  
 Trelease, William,  
   appointment, 200, 221, 611.  
   letter, announcing gift of Mrs. Snyder,  
   algae, 761.  
   request, 724.  
   Summer session appointment, 770.  
 Trentzsch, M. W., degree, 240.  
 Trevett, J. R.,  
   appointed to Finance Committee, 205.  
   elected to Executive Committee, 195,  
   726.  
   present by invitation, 136, 172.  
 Trobridge, Tessie E., degree, 233.  
 Troy, Mary Z., appointment, 648.  
 Trustees of the Henry Strong Educa-  
   tional fund, letter, 129.  
 Tsou, Ying-Hsuan H., degree, 236.  
 Tuition, rates in College of Medicine,  
   184.  
 Tullock, G. F., lease, 743.  
 Turley, R. F.,  
   appointment, 769.  
   degree, 232.  
 Turner, E. DeW., degree, 47.  
 Turner, H. M., appointment, 79.  
 Turner, L. M., appointment, 611.  
 Turner, R. R., degree, 231.  
 Turner, W. V., degree, 47.  
 Tuttle, G. P., appointment, 74, 608.  
 Tupper, H. W., degree, 240.  
 Tyrrell, Josephine, appointment, 77, 612.  
 Underhill, H. W., degree, 231.  
 Uniforms, Military,  
   authority to receive bids and award  
   contract for, 179.  
   contracts awarded, 223.  
 Union Grove experiment field, 244.  
 Unionville experiment field, 244.  
 United Charities Association of the  
   Twin Cities, request, 658.  
 U. S. Agricultural Experiment Station,  
   Comptroller's report, 60, 112.  
 U. S. appropriations, Comptroller's re-  
   port, 11, 60, 161, 221.  
 U. S. Audit Company, report, 261, 262,  
   674, 733, 772, 773.  
 University appropriation bill, 263.  
 University buildings, use of on Sundays,  
   147.  
 University campus, proposed views, 122.  
 University Gold Medal awarded, 239.  
 University Golf Club, request, 749.  
 University Hall,  
   changes in room 318-320, 410, 591.  
   fire in, 150.  
   original cost, 148.  
   painting of, 41.  
 University Press, recommendation for,  
   596.  
 University Senate, resolutions of, 726.  
 Urbana, city of,  
   ordinance vacating alley, 763.  
   warrants payable in, 207.  
 Urbana departments, student fees, 639.  
 U. & C. R. G. & E. Company, request  
   to run street car line east of  
   forestry, 761.  
   to stop cars at Burrill Avenue, 104.  
 Urbeuer-Atwood Heating Company, bid  
   for heating apparatus for Armory,  
   756.  
 Vacancies, authority to fill, 54, 72, 628.  
 Vacuum cleaners,  
   Lincoln Hall, }  
   Woman's Building, } 591.  
   Natural History Building, }  
   Library, }  
 Vahlen, Johannes, authority for pur-  
   chase of library, 259.  
 Valentine, H. D.,  
   appointment, 77, 612, 751.  
   degree, 231.  
 Vallance, Alexander, appointment, 648.  
 Valuation of property, adjoining College  
   of Dentistry, 629.  
   medical, bill for approval, 257.  
 Van Alstine, Ernest, appointment, 82,  
   618.  
 Vance, T. J., appointment, 648.

- Van Cleave, H. J., appointment, 78, 261, 613.  
 degree, 238.  
 Van Cleve, Edith J., degree, 44.  
 Van Cleve, E. E., degree, 44, 49.  
 Van Cleve, Laura L., degree, 44.  
 Van den Berg, H. J., appointment, 83, 620.  
 Vanderbeek, H. J., appointment, 660.  
 Van Deusen, degree, 46, 236.  
 final honors, 52.  
 Vanderveer, H. E., degree, 46.  
 Van der Ven, John, degree, 54.  
 Van Doren, Mark A., scholarship in English, 752.  
 Van Dyke, G. H., appointment, 646.  
 attending physician, 661.  
 Van Gundy, C. R., degree, 46, 54.  
 Vaniman, R. L., degree, 46.  
 final honors, 52.  
 Vann, J. S., degree, 240.  
 Van Nugteren, F. W., degree, 213.  
 Van Skiver, Hazel B., appointment, 81.  
 Vauble, Daniel, appointment, 678.  
 Vauble, W. C., degree, 233.  
 Vaughan, L. B., degree, 45.  
 Vaughan, W. R., degree, 54.  
 Vautrin, Minnie, degree, 45.  
 final honors, 52.  
 Van Zandt, A. C., degree, 44.  
 Van Zoeren, G. J., appointment, 77, 612.  
 Vavra, Clio, degree, 745.  
 Year, C. E., degree, 44.  
 Vedder, J. N., appointment, 81, 617.  
 Vegetable greenhouses, bids and contracts, 106.  
 Vegetable and plant breeding house, beds, 155.  
 Velzy, C. R., appointment, 706.  
 Ventilation in physics lecture room, 194.  
 Verlie, E. J., degree, 233.  
 final honors, 239.  
 Vernier, C. G., appointment, 84, 621.  
 Veterinary Science, department of, budget, 620, 693.  
 Vial, J. M., degree, 47.  
 Vice President, appointment of Dr. D. Kinley, 596.  
 Vice President, office of, budget, 689.  
 Vienna Experiment Field, 244.  
 View, proposed of the University campus, 122.  
 Vigeant, Gregory, Jr., degree, 46.  
 Vincent, C. A., degree, 232.  
 Virginia Experiment Field, 244.  
 Voegelien, Lily B., degree, 234.  
 fellowship in classics, 222.  
 Voight, A. L., degree, 47.  
 Voight, Irma E., degree, 237.  
 Voigt, Lida E., appointment, 84, 621.  
 von Bernstorff, Count J. H., to speak at commencement, 1914, 666.  
 Vosburg, W. R., degree, 230.  
 Voss, W. C., degree, 46.  
 final honors, 52.  
 Vouchers, arrangement for handling, 589.  
 drawn on Treasurer, 788.  
 to be sent to the Auditor of Public Accounts, signing of, 270.  
 Vreeland, Frederick D., appointment, 646, 660.  
 Wach, C. W., degree, 745.  
 Waddell, Mary L., appointment, 738.  
 Waggoner, A. M., degree, 231.  
 Waggoner, H. D., appointment, 611.  
 Wagner, C. J., degree, 54.  
 Wagner, G. A., degree, 240.  
 Wagner, H. F., degree, 46.  
 final honors, 52.  
 special honors, —.  
 Wahlin, G. E., appointment, 613.  
 appointed associate in mathematics, 599.  
 Summer session appointment, 771.  
 Wait, Bernice, scholarship in household science, 752.  
 Waits, H. E., degree, 44.  
 Wakely, L. M., appointment, 124.  
 Walcott, C. W., purchase of lot, 718.  
 Waldo, E. H., appointment, 615.  
 degree, 236.  
 Walks and drives, appropriation for, 120.  
 Walks for new Engineering Building, 91.  
 Wall, R. L., degree, 240.  
 Wallace, Edward, degree, 232.  
 Wallace, Lee, appointment, 79.  
 Wallace, W. J. H., degree, 231.  
 Walsh estate, report on suit against, 176.  
 Walsh, T. B., degree, 54.  
 Walters, P. C., degree, 48.  
 Walther, R. M., degree, 213.  
 Walworth, E. H., degree, 233.  
 Wand, A. W., degree, 46.  
 Wandeur, A. E. A., degree, 54.  
 Ward, C. F., appointment, 108.  
 Ward, H. B., appointment, 613.  
 presented needs of department of zoology, 136.  
 request, import order, 241.  
 Ward, P. H., degree, 233.  
 Warner, E. H., appointment, 80, 616.  
 Summer session appointment, 771.  
 Warnock, A. E., appointment, 72, 74, 608.  
 request for appropriations for porch furniture, Burnham Hospital, 591.  
 Warnock, C. H., degree, 45.  
 Warrant registers, Comptroller's report, 275, 788.  
 reconciliation of, 681, 717, 777.  
 Warrants, already drawn against Mr. Haugan to be taken up by State bank, 207.  
 legality of delagation of signature, 768.  
 payable in Urbana and Chicago, 297.  
 salary, delagation of signing, 199, 747.  
 unpaid, cancellation of, 184.  
 Warren, G. E., degree, 46.  
 Warzynski, L. J., degree, 745.  
 Wascher, F. M. W., appointment, 82, 618.  
 Washburn, E. W., appointment, 73, 269, 612.  
 Washington, Margaret, degree, 234.  
 Waterfall, H. W., appointment, 648.  
 Water Station, additional equipment, appropriation asked, 191, 272.  
 appropriation, 696.  
 Water Survey, State, appropriation asked, 191.  
 appropriation, 119.  
 bill, endorsement requested, 199.  
 budget, 86, 689, 695.  
 emergency appointments authorized, 271.  
 income, 221, 689.  
 Waters, E. E., degree, 45.  
 Watkins, Gordon, scholarship in sociology, 752.  
 Watkins, O. S., appointment, 83, 620.  
 Watkins, S. D., appointment, 85.  
 Watson, C. B., degree, 233.

- Watson, Ethel, appointment, 678.  
 Watson, F. R.,  
   appointment, 80, 616.  
   Summer session appointment, 771.  
 Watson, Helen G.,  
   degree, 47.  
   fellowship, 55.  
 Watson, Minnie E.,  
   degree, 236.  
   fellowship in zoology, 222, 752.  
 Watson, W. H., degree, 240.  
 Watts, C. E., appointment, 108.  
 Watts, C. H., degree, 230.  
 Weatherby, U. G., Summer session ap-  
   pointment, 771.  
 Weatherton, John, appointment, 643.  
 Webb, C. P., degree, 48.  
 Webb, H. A., appointment, 77, 105.  
 Weber, H. C. P.,  
   appointment, 73, 612.  
   Summer session appointment, 770.  
 Weber, W. H., degree, 45.  
 Webster, Major F. B.,  
   request, additional companies, 760.  
   deposits for military outfits, 667.  
 Weeter, H. M., appointment, 678.  
 Weil, J. J., degree, 240.  
 Weil, M. E., degree, 46.  
 Weiland, H. J., appointment, 612.  
 Weis, E. W., secretary's certificate, 117.  
 Weis, H. W., degree, 231.  
 Weisfield, L. H., degree, 231.  
 Welch, C. J.,  
   awarded contract, 106.  
   contracts for concrete work of flori-  
   cultural greenhouses, 142.  
 Welch, P. S., degree, 238.  
 Welch, P. B., degree, 240.  
 Weldy, F. M., degree, 54.  
 Welker, W. H., appointment, 648.  
 Wellman, Orpha M., degree, 235.  
 Wells, Grace E., appointment, 613.  
 Wells, N. W., appointment, 614.  
 Wells, J. R.,  
   appointment, 124, 619.  
   degree, 47.  
 Wells, M. M., appointment, 769.  
 Wells, N. A.,  
   appointment, 614.  
   leave of absence, 183.  
 Wells, R. R., degree, 47.  
 Wells, W. F., appointment, 108, 619.  
 Welsbach Street Lighting Company, pro-  
   posal for furnishing and maintenance  
   of light for campus, 40.  
 Weuter, L. M., degree, 54.  
 Wermuth, A. W., degree, 54.  
 Wescott, C. H., appointment, 678.  
 Wesenberg, T. G., appointment, 610.  
 Wesselhoeft, C. D., degree, 237.  
 West Salem Experiment Field, 244.  
 West, C. W., degree, 46.  
 Weston, N. A., appointment, 72, 611.  
 Wetmore, Mary M., appointment, 75,  
   609.  
 Whaite, C. M., degree, 232.  
 Wham, Charles, degree, 48.  
 Wharmby, Edmund, appointment, 622.  
 Wheaton, J. T., degree, 46.  
 Wheeler, H. C., appointment, 82, 618.  
 Wheeler, H. H., appointment, 678.  
 Wheeler, Irene B., degree, 230.  
 Wheeler, L. G., degree, 232.  
   final honors, 238.  
 Wheeler, Ruth, appointment, 620.  
 Wheelock, C. E.,  
   appointment, 82.  
   degree, 47.  
 Wheelock, W. O., degree, 54.  
 Whelan, J. M., Jr., degree, 232.  
 Whicher, G. F., appointment, 183.  
 Whitaker, R. L., degree, 44.  
 White, C. W., degree, 230.  
 Whitechurch, J. E., appointment, 82, 618.  
 White, C. K., degree, 44.  
 White, D. M., lease, 742.  
 White, E. A., appointment, 618.  
 White, J. C., protest against noise of  
   Locomotive Testing Laboratory, 724.  
 White, J. G., degree, 232.  
 White, J. J., signing of bond, 207.  
 White, J. M.,  
   appointment, 72, 74, 608, 614.  
   attended meeting, 652, 688, 753.  
   communication, 41, 100, 103, 106, 142,  
   147, 150, 160, 161, 699, 723.  
   office budget, 696.  
   presented plans, 90, 599, 697, 704, 727,  
   729.  
   presented plans,  
     extension of heating plant, 590.  
     changes in Law Building, 91.  
     Ceramics Building, 729.  
     Horticultural greenhouses, 117.  
     small observatory, 699.  
     Stock Pavilion, 117, 170.  
     storehouse, 702.  
   recommendation, animal nutrition,  
     rooms for, 627.  
     appointment of H. D. Oberdorfer, 92.  
     G. B. Rice, 628.  
   bids on wiring and plumbing, etc.,  
   649.  
   charge for use of Auditorium and  
   old Armory, 266.  
   concrete work on floricultural green-  
   houses, 142.  
   concrete work on Armory, 756.  
   extension of conduit, 628, 757.  
   extension of tunnels, 757.  
   extension of time on floricultural  
   greenhouses, 602.  
   floricultural greenhouses, 101.  
   horticultural greenhouses, moving,  
   moving, 265.  
   Library Building, new, 160, 674.  
   M. E. Shops, 602, 639.  
   observatory, 724.  
   pavement, Armory, 120, 256.  
   Burrill Avenue and East drive-  
   way, 640.  
   Lincoln Avenue, 65.  
   Stock Judging Pavilion, 148, 170.  
   report, original cost of building plant  
   and estimate of cost of extension,  
   148.  
   request, authority for construction of  
   Botany and Zoological Labora-  
   tories, 753.  
   statement, completion of Armory, 698,  
   707.  
   fire in University Hall, 150.  
   horticultural and floricultural green-  
   houses, 142, 147.  
   marker, Regent Gregory's grave,  
   701.  
   release of building plans, 754.  
   senior memorials, 737.  
   switch track, 669.  
   vegetable greenhouses, 106.  
 White, J. W., degree, 50.  
 White, Lida E., appointment, 142.  
 White, Loretta, appointment, 678, 751.  
 White, Mary B., appointment, 646.  
 White, Mary L., degree, 230.  
 White, Sarah M., degree, 54.  
 White, S. S., Dental Manufacturing  
   Company, contract awarded, 627.  
 Whiting, A. L.,  
   appointment, 82, 618.  
   degree, 51.  
 Whitmer, L. W., appointment, 660.  
 Whitten, J. H.,  
   appointment, 77, 611.  
   degree, 48.  
 Whitney, C. E., degree, 232.  
 Whitney, H. W., degree, 230.  
 Wicher, G. E., appointment, 609.  
 Wicher, Edward, appointment, 612.  
 Wieneke, C. H., degree, 54.



- Wiersema, H. A.,  
degree, 231.  
final honors, 238.  
scholarship in architectural engineering, 752.
- Wigmore, J. H., committee, constitutional convention, 736.
- Wilbur, A. S.,  
fellowship, 752.  
scholarship, 222.
- Wilbourn, A. J., degree, 44.
- Wildman, E. A., appointment, 77, 612.
- Wiley, C. C., appointment, 79, 615.
- Wiley, G. G., degree, 47.
- Wiley, J. E., degree, 233.
- Will County, deed from, 648.
- Will of Henry Strong, extracts from, 129.
- Willard, A. C., appointment, 615.
- Willard, F. D., signing of bond, 207.
- Willard, Maud H., degree, 231.
- Willerton, Fay, degree, 230.
- Williams, Anna W.,  
degree, 49.  
Summer session appointment, 771.
- Williams, A. E., appointment, 678.
- Williams, A. L., degree, 233.
- Williams, C. A., appointment, 75, 610.
- Williams, E. H.,  
appointment, 80, 616.  
Summer session appointment, 771.
- Williams, G. Y., degree, 237.
- Williams, Kathryn, scholarship in classics, 751.
- Williams, L. G., degree, 48.
- Williams, Lulu H., degree, 230.
- Williams, Margaret, appointment, 769.
- Williams, Mary E., appointment, 84.
- Williams, R. H., degree, 51.
- Williams, R. Y., appointed Director of the Miners' and Mechanics' Institutes, 667.
- Williams, R. C., degree, 232.
- Williamson, Belle, degree, 230.
- Williamson, C. S., appointment, 643, 648.
- Williamson, J. C., degree, 54.
- Williford, E. A., Strong scholarship, 132.
- Wilson, B. J., degree, 46.
- Wilson, C. E., degree, 54.
- Wilson, C. R., degree, 49.
- Wilson, F. G.,  
appointment, 79.  
degree, 236.
- Wilson, F. H., degree, 46.
- Wilson, F. S., appointment, attending physician, 660.
- Wilson, F. W., degree, 235.
- Wilson, H. S., degree, 45.
- Wilson, R. H., degree, 54.
- Wilson, T. J., degree, 240.
- Wilson, W. H., scholarship in mathematics, 222.
- Wilson, W. M., appointment, 672.
- Winchester, B. F., appointment, 80.
- Winchester, B. L., appointment, 615.
- Windsor, P. L.,  
appointment, 72, 84, 85, 621.  
presented needs of the Library, 136.  
request, book order, 705.
- Windows, double glazed, in end of new Armory, 757.
- Winger, R. M., appointment, 78.
- Wing, Alice L., appointment, 178.
- Winkelmann, H. A., scholarship in chemistry, 751.
- Wintermeyer, Elsa, degree, 231.
- Winters, F. C., degree, 54.
- Wiseman, Esther G., scholarship in English, 752.
- Witcher, E. K., degree, 44.
- Witt, W. P., degree, 46.
- Wittich, F. P., Jr., degree, 232.
- Wixson, L. A., degree, 213.
- Wohlenberg, W. J., research fellowship, 56.
- Wold, C. A., degree, 232.
- Wolf, H. C., degree, 232.
- Wolf, H. P., scholarship in engineering, 222.
- Wolfe, W. S.,  
degree, 231.  
final honors, 238.  
scholarship in engineering, 222.
- Wolfram, P. J., degree, 240.
- Woltersdorf, O. E., degree, 212.
- Woman's Board of Missions of Interior, offer, 641.
- Woman's Building, addition to, appropriation for furnishing, 141, 696 for heating and lighting, 120. changes in basement corridor, 591. committee on furnishing, 154. completion of third story, 41, 100. of third story plan, 92. household science lecture room, furniture and equipment, 591.
- Woman's Building,  
name suggested, 746.  
original cost, 148.  
painting of, 41.  
plans for third floor, 63.  
shower baths and partitions, 691.  
vacuum cleaners, 591.
- Women, Dean of,  
assistant dean, 627.  
reappointment, of Dean Fawcett, 71.
- Women's Clubs, Illinois Federation,  
invitation to meet at the University, 662.  
request, course in sex instruction, 649.
- Woman's playground, 749.
- Women's Residence Hall,  
appropriation for, 192, 625.  
estimated cost, 148, 625.  
informal report, 729.  
land for, 640.  
location, 665, 697, 749, 755.
- Wong, W. F., degree, 230.
- Woo, T. S., degree, 231, 232.
- Woo, W. S., degree, 233.
- Wood, C. A., appointment, 645.
- Wood, D. C., degree, 232.
- Woodbridge, B. M., appointment, 176, 178.
- Woods, A. G., degree, 230.
- Woods, B. L. T., appointment, 645, 646.
- Woods, G. E., degree, 230.
- Woods, R. H., degree, 240.
- Woodship, original cost, 148.
- Woodward, John, appointment, 82.
- Woodward, P. S.,  
appointment, 77.  
degree, 236.
- Woolbert, C. H., appointment, 609.
- Wooldridge, F. M., degree, 232.
- Woolman, C. E., degree, 47.
- Woolston, W. J., appointment, 646.
- Woolston, W. H., degree, 231.
- Wormsen, I. M., appointment, 55.
- Worrel, J. L., degree, 230, 233.
- Worsham, W. B., degree, 45.
- Wooters, J. E., degree, 234.
- Workman, student, case of inquiry, 179.
- Wright, A. B., appointment, 141, 621.
- Wright, A. T., degree, 230.
- Wright, Ethel W., degree, 44.
- Wright, F. J., appointment, 645.
- Wright, G. E.,  
appointment, 608.  
degree, 46.
- Wright, J. E., degree, 46.
- Wright, Quincy,  
appointment, 261.  
degree, 235.  
fellowship in political science, 752.
- Wright, S. A., degree, 230.
- Wright, S. G., degree, 51.
- Wu, C. K., degree, 231.
- Wurtzer, E. L., degree, 54.

- Wyatt, F. A.,  
degree, 235.  
fellowship in agronomy, 222, 751.
- Wyeth, Ola M., appointment, 85, 623.
- Wynekoop, Lois L., appointment, 645.
- Wyninger, H. T., appointment, 80, 616.
- Yapp, C. W., protest against noise in  
Locomotive Testing Laboratory, 724.
- Yapp, W. W., appointment, 619.
- Yarros, R. S., appointment, 644.
- Yen, C. C.,  
degree, 231.  
final honors, 238.
- Yensen, T. D.,  
appointment, 81, 142, 206, 617.  
degree, 50, 237.
- Y. M. C. A., handbook, appropriation  
toward, 265, 747.
- Yoke, J. J., appointment, 82, 619.
- Young, Arthur, appointed to Board of  
Examiners in Accountancy, 705.
- Young, Esther, scholarship in botany,  
751.
- Young, E. G.,  
appointment, 751.  
degree, 232.  
research fellowship, 752.
- Young, L. E.,  
appointment, 678.  
fellowship in economics, 751.
- Young, R. G., degree, 46.
- Young, Y. Y., degree, 233.
- Zeis, H. C.,  
appointment, 648.  
degree, 230.
- Zeitlin, Jacob, appointment, 75.
- Zeleny, Charles, appointment, 613.
- Zetek, James, appointment, 55.
- Zimmerman, R. P., degree, 44, 230.
- Zimmerman, W. C.,  
attended meeting, 155, 153, 181.  
bill, additional plans for Armory, 253.  
bill approved, 200.  
letter, 88, 162.  
submitted plans, 181.
- Zippodt, Ella S., appointment, 769.
- Zoller, H. F., appointment, 77.
- Zoölogy, department of.  
appropriations, purchase of books and  
equipment, 599.  
budget, 78, 613, 691.  
import order for, 241.  
appropriation, 744.  
laboratory fees, 592.  
needs presented, 136.  
professorship, 599.  
space for, 67.  
Summer session appointment, 770.
- Zoölogy Laboratory,  
appropriation asked, 191.  
appropriation, 625.  
construction authorized, 754.  
cost estimated, 625.  
site, 730.
- Zucker, A. E.,  
appointment, 610.  
degree, 44, 235.  
honors, 52.
- Zucker, T. F., degree, 50.
- Zugg, C. W., degree, 240.
- Zuppke, R. C., Summer session appoint-  
ment, 771.

