

# TWENTIETH REPORT

(Seven annual, thirteen biennial.)

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OF THE

# UNIVERSITY OF ILLINOIS

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FOR THE TWO YEARS ENDING SEPTEMBER 30, 1900.

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UNIVERSITY OF ILLINOIS,

URBANA, November 1, 1900.

HON. JOHN R. TANNER, *Governor of Illinois*.

SIR:—I have the honor to submit to you herewith, in compliance with the law, the twentieth report of the Trustees of the University of Illinois, for the two years ending September 30, 1900.

I am, very respectfully, your obedient servant,

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FRED. CARL ZAPFEE, M. D., Instructor in Medicine. 925 Warren avenue, Chicago.

GEOFFREY JOSEPH FLEMING, M. D., Instructor in Materia Medica. 426 South Waller avenue, Chicago.

ADDISON CAREY PAGE, M. D., Instructor in Pathology. Cook County Hospital, Chicago.

FREDERICK JACOB ERHARDT EHRMANN, M. D., Instructor in Surgery. 932 West 22d street, Chicago.

RICHARD HUNT BROWN, M. D., Clinical Instructor in Laryngology and Rhinology. 1217 Jackson Boulevard, Chicago.

CHARLES NELSON BALLARD, B. S., M. D., Clinical Instructor in Gynecology. 243 South Leavitt street, Chicago.

HENRY WILLIAM BERARD, M. D., Clinical Instructor in Ophthalmology and Otology. 1107 West Chicago avenue, Chicago.

U. G. DARLING, M. D., Clinical Instructor in Nervous Diseases. 1001 West Madison street, Chicago.

JAMES MOREAU BROWN, M. D., Clinical Instructor in Laryngology and Rhinology. Venetian Building, Chicago.

BENJAMIN FELTENSTEIN, M. D., Clinical Instructor in Diseases of Children. 1898 Milwaukee avenue, Chicago.

WALLACE McMURRAY BURROUGHS, M. D., Clinical Instructor in Genito-Urinary Diseases. 883 West North avenue, Chicago.

RICHARD FYFE, M. D., Clinical Instructor in Orthopedic Surgery, Chicago.

STANLEY B. DICKINSON, M. D., Clinical Instructor in Diseases of Children. Austin, Illinois, Chicago.

ROSA ENGELMAN, M. D., Clinical Instructor in Diseases of Children. 3033 Indiana avenue, Chicago.

HENRY E. WAGNER, M. D., Clinical Instructor in Genito-Urinary Diseases. 551 Armitage avenue, Chicago.

CLYDE DALE PENCE, M. D., Clinical Instructor in Surgery. 1392 Ogden avenue, Chicago.

ANNABEL B. HOLMES, M. D., Clinical Instructor in Nervous Diseases. Columbus Memorial Building, Chicago.

FRANK ALBERT PHILLIPS, M. D., Clinical Instructor in Ophthalmology and Otology. Reliance Building, Chicago.

SAMUEL LEO FRIDUS, M. D., Clinical Instructor in Diseases of the Chest. 661 West Fourteenth street, Chicago.

CHARLES FREDERICK STOTZ, M. D., Clinical Instructor in Medicine. 1570 Milwaukee avenue, Chicago.

THEODORE SACHS, M. D., Clinical Instructor in Medicine. 478 South Ashland avenue, Chicago.

EDWIN SAWYER ANTISDALE, B. S., M. D., Clinical Instructor in Ophthalmology and Otology. Columbus Memorial Building, Chicago.

SVENNING DAHL, M. D., Clinical Instructor in Surgery. 822 North Western avenue, Chicago.

AIME PAUL HEINECK, M. D., Clinical Instructor in Genito-Urinary Diseases. 872 Trumbull avenue, Chicago.

EDWARD FISCHKIN, M. D., Clinical Instructor in Dermatology. 465 Milwaukee avenue, Chicago.

JOHN STEPHEN NAGEL, M. D., Clinical Instructor, in Surgery. 323 South Western avenue, Chicago.

CHARLES FREDERICK CLOSE, M. D., Clinical Instructor in Gynecology. 4707 Evans avenue, Chicago.

KASIMER ZURAWSKI, M. D., Clinical Instructor in Dermatology. 4800 Loomis street, Chicago.

WALDEMAR EBERHARDT, B. S., M. D., Clinical Instructor in Diseases of the Chest. The Exeter, Ashland Boulevard, Chicago.

LOIS LINDSAY WYNEKOOP, M. D., Assistant in Biology, 1563 West Monroe street, Chicago.

CHARLES ROEHR, M. D., Assistant in Bacteriology. Columbus Memorial Building, Chicago.

FELIX KALACINSKI, M. D., Assistant in Pathology. 638 Noble street, Chicago.

FRANK D. MOORE, M. D., Assistant in Pathology. 411 South Oakley street, Chicago.

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## PREPARATORY SCHOOL.

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EDWARD GARDINER HOWE, B. S., Principal. 1008 South Mathews avenue, Urbana.

LILLIE ADELLE CLENDENIN, Instructor in English. 1101 $\frac{1}{2}$  California avenue, Urbana.

CLARENCE WALWORTH ALVORD, A. B., Instructor in History. 1101 California avenue, Urbana.

JAMES WILLIAM BUCHANAN, Instructor in Mathematics. 612 West High street, Urbana.

JOHN EZRA MILLER, A. B., Instructor in Greek and Latin. 302 $\frac{1}{2}$  West Illinois street, Urbana.

LEWIS ARCHIBALD ROBINSON, A. B., Instructor in Mathematics. 1105 California avenue, Urbana.

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## STATE LABORATORY OF NATURAL HISTORY.

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### LABORATORY STAFF.

PROFESSOR STEPHEN ALFRED FORBES, PH. D., Director of State Laboratory and State Entomologist. 1209 West Springfield avenue, Urbana.

CHARLES ARTHUR HART, Systematic Entomologist. 923 West Green street, Urbana.

CHARLES ATWOOD KOFOID, PH. D., Superintendent of Biological Station. 909 California avenue, Urbana.

THOMAS LARGE, A. B., Assistant in Ichthyology. 1101 $\frac{1}{2}$  California avenue, Urbana.

ALICE MARIE BEACH, M. S., Entomological Assistant. 932 West Illinois street, Urbana.

EDWARD CLARENCE GREEN, B. S., Entomological Inspector. 603 East Springfield avenue, Champaign.

MARY JANE SNYDER, Secretary. 504 East Daniel street, Champaign.

HENRY CLINTON FORBES, Librarian and Business Agent. 912 West Illinois street, Urbana.

LYDIA MOORE HART, Artist. 917 West Green street, Urbana.

## AGRICULTURAL EXPERIMENT STATION.

## ADVISORY BOARD.

THOMAS J. BURRILL, PH. D., Urbana, Professor of Botany and Horticulture, President.

J. F. PRATHER, Williamsville, of State Board of Agriculture.

H. AUGUSTINE, Normal, of State Horticultural Society.

H. B. GURLER, DeKalb, of State Dairymen's Association.

F. L. HATCH, Spring Grove, Trustee of the University.

WM. H. FULKERSON, Jerseyville, Trustee of the University.

STEPHEN A. FORBES, PH. D., Urbana, Professor of Zoölogy.

EUGENE DAVENPORT, M. AGR., Urbana, Professor of Animal Husbandry.

## THE STATION STAFF.

EUGENE DAVENPORT, M. AGR., Specialist in Animal Husbandry, Director.

THOMAS J. BURRILL, PH. D., Botanist.

CYRIL GEORGE HOPKINS, PH. D., Specialist in Agronomy.

STEPHEN A. FORBES, PH. D., Consulting Entomologist.

DONALD MCINTOSH, V. S., Consulting Veterinarian.

GEORGE P. CLINTON, M. S., Assistant Botanist.

WILBER J. FRASER, B. S., Specialist in Dairy Husbandry.

JOSEPH C. BLAIR, Horticulturist.

LOUIE H. SMITH, Assistant in Chemistry.

ARCHIBALD D. SHAMEL, Farm Crops.

CATHERINE MCINTYRE, Secretary.



## SUMMARY OF STUDENTS.

	1898-1899.			1899-1900.		
	Men.	Women.	Total.	Men.	Women.	Total.
GRADUATE SCHOOL.....	49	9	58	65	7	72
UNDER GRADUATE COLLEGES—						
Seniors .....	88	31	119	111	36	147
Juniors .....	95	37	132	126	50	176
Sophomores.....	133	33	166	149	59	208
Freshmen .....	196	52	248	157	67	224
Specials .....	68	76	144	72	71	143
Total .....	629	238	867	680	290	970
STUDENTS AT BIOLOGICAL STATION	11	4	15			
WINTER SCHOOL IN AGRICULTURE.	26		26			
SPECIALS IN AGRICULTURE .....				64	2	66
SUMMER TERM.....				92	56	148
SATURDAY TEACHERS' CLASS.....				8	34	42
COLLEGE OF LAW—						
First year .....	33	1	34	27	1	28
Second year.....	27	1	28	22		22
Third year .....	2		2	26	1	27
Specials .....	7		7	15		15
Total .....	69	2	71	90	2	92
COLLEGE OF MEDICINE—						
Seniors .....	118	7	125	142	10	152
Juniors .....	107	6	113	138	12	150
Sophomores.....	98	7	105	122	8	130
Freshmen .....	96	7	103	98	5	103
Specials .....	60	8	68	39	6	45
Total .....	479	35	515	539	41	580
SCHOOL OF PHARMACY—						
Seniors .....	55	2	57	45	3	48
Juniors .....	93	5	98	98	3	101
Specials .....	3		3			
Total .....	151	7	158	143	6	149
PREPATORY SCHOOL .....	132	47	179	163	64	227
Deduct counted twice .....	1,497	333	1,830	1,779	495	2,274
	5	1	6	28	12	40
Total in University.....	1,492	332	1,824	1,751	483	2,234



PROCEEDINGS  
OF THE  
BOARD OF TRUSTEES  
OF THE  
UNIVERSITY OF ILLINOIS,  
FOR THE  
Year Ending August 31, 1899.

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MEETING OF SEPTEMBER 20, 1898.

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The Board of Trustees of the University of Illinois met in the Trustees' Room, Library Building, Urbana, Illinois, at 9 o'clock a. m., Tuesday, September 20, 1898.

The members present were Messrs. Armstrong, Freeman, McKay, McLean, Raymond, and Smith and Mrs. Flower and Mrs. Carriel; Messrs. Bullard and Morrison came in a little later; the members absent were Governor Tanner and Mr. Pearce.

It was ordered that a requisition be drawn in favor of the State commissioners to meet the bills of Wilson, Moore & McIlvane for services in the Spalding matter, and against the fund appropriated by the Legislature to pay such expenses.

The secretary presented the minutes of the regular meeting of the board held June 7 and 8, 1898, and of the special meeting of July 7, 1898. A motion was made to approve the minutes as presented. Some discussion followed, during which President McKay asked Mr. Smith to take the chair. Mr. McKay moved to amend the proceedings of the meeting of June 7, 1898, by striking out the report from the Committee on Instruction in relation to physics and electrical engineering. (See page 88.) The roll was called upon this amendment and it was lost by the following vote: Yeas, Messrs. Armstrong and McKay; nays, Messrs. Freeman, Morrison, Raymond, McLean, Bullard, and Smith and Mrs. Carriel and Mrs. Flower.

The proceedings were approved by the following vote: Messrs. Freeman, Morrison, Armstrong, Raymond, McLean, Bullard, and Smith and Mrs. Flower and Mrs. Carriel; nay, Mr. McKay.

## COMMUNICATIONS FROM PRESIDENT DRAPER.

## CHANGES IN CORPS INSTRUCTION.

UNIVERSITY OF ILLINOIS, September 19, 1898.

*To the Board of Trustees:*

I recommend the following changes in the Corps of Instruction to take place as of September 1, 1898, viz.:

1. That Jacob Kinzer Shell, M. D., be appointed Professor of Physical Training and Director of the Men's Gymnasium in place of Henry H. Everett, resigned, and that his salary be \$1,600 per year.

2. That William Hand Browne, Jr., be appointed Assistant Professor of Electrical Engineering at \$1,200 per year.

3. That Jennette Emeline Carpenter be appointed Director of the Woman's Gymnasium in place of Ella H. Morrison, resigned, for ten months at \$90 per month.

4. That Henry Livingston Coar be appointed Instructor in Mathematics in place of Alton C. Burnham, resigned, for ten months at \$100 per month.

5. That Lewis Addison Rhoads be promoted from Associate Professor of the German Language and Literature to Professor of same without change of salary.

6. That Edward Charles Schmidt be appointed Instructor in Mechanical Engineering in place of William H. Kavanaugh, resigned, at \$75 per month for ten months.

7. That Laboratory assistants be appointed as follows, each for ten months at \$50 per month, viz.:

In Mechanical Engineering, Edd Charles Oliver.

In Electrical Engineering, Harry Curtiss Marble.

In Entomology, Edward Clarence Green.

In General Engineering Drawing, John Nevins.

I also recommend the appointment of Herbert A. Thompson as mechanician in the departments of Physics and Electrical Engineering for ten months at \$75 per month.

Also the appointment of Miss Olive Faith Saxton as stenographer in the typewriting bureau at \$45 per month.

I also recommend that the Board grant leave of absence on account of illness, and without loss of pay, to Miss Lillie Heath, Secretary to the President, for the month of September.

Also that the messenger in the President's office be paid \$20 per month, and that employment continue during the calendar year.

A. S. DRAPER, President.

This paper was referred to the Committee on Instruction.

## SCHOOL OF MEDICINE.

CHICAGO, August 11, 1898.

*Professor S. W. Shattuck, Business Manager University of Illinois, Champaign, Illinois.*

DEAR SIR:—In accordance with your request Professor Quine and I have gone over the salary list carefully and make the following recommendations for the ensuing year:

J. S. Tomlinson, superintendent, \$83.33 per month.

Miss E. M. Heelan, clerk, \$60 per month.

Mr. Theo. Tieken, Curator, \$36 per month.  
 Mr. Geo. Johnson, Engineer, \$40 per month.  
 Mr. J. McClain, Janitor, \$25 per month.  
 Mr. Assistant Janitor, beginning October 1st, \$25 per month.  
 Mrs. E. R. LeCount, Surgeon Nurse, \$30 per month.  
 Mr. C. C. Hummel, Druggist, \$15 per month.  
 Mr. C. A. Albrecht, Druggist, \$15 per month.  
 Miss Grace Bryant, Librarian, \$40 per month.  
 Dr. W. A. Pusey, Secretary, \$41.66 per month.  
 Professor W. A. Evans, Pathological Laboratory, \$50 per month.  
 Professor J. A. Wesener, Chemical Laboratory, \$75 per month.  
 Professor A. Gehrman, Bacteriological Laboratory, \$25 per month.  
 Professor E. G. Earle, Histological Laboratory, \$25 per month.  
 Professor W. T. Eckley, Anatomical Laboratory, \$60 per month.  
 Dr. Rachelle Yarros, Obstetrical Out-Door Department, \$25 per month.  
 Professor J. H. Curtis, Superintendent Dispensary, \$20 per month.  
 Dr. C. C. O'Byrne, Assistant Superintendent Dispensary, \$20 per month.  
 Professor F. E. Wynekoop, Biological Laboratory, \$10 per month.  
 Professor W. E. Coates, Jr., Experimental Research Laboratory, \$10 per month.

C. C. O'Byrne, Assistant Pathological Laboratory, \$10 per month.

You will observe in this list that we have increased the salaries of only two persons over those paid last year—

Mr. J. S. Tomlinson, Superintendent, whose services have been invaluable to the College, is increased from \$75 to \$83.33 per month, beginning September first.

Professor Eckley is increased from \$50 to \$60 per month, beginning October first.

And the additions to the salary list of the names of Drs. Yarros, \$25, Curtis, \$20, and O'Byrne, \$20, beginning July first.

And Drs. O'Byrne, Wynekoop, and Coates, added to the salary list at \$10 per month each, beginning October first.

In addition to this regular salary list it will be necessary for us to appoint a limited number of senior students as assistants in the various laboratories, whose compensation will be a reduction or remission of fees, instead of a cash salary. The number of such students will approximately be the same as last year, possibly one or two additional.

Our endeavor has been to keep the salary list down to as small a point as possible, compatible with efficient services; and while most of the teachers on the salary list expected an increase this year, we believe they will be satisfied to continue for at least another year under these recommendations.

Approved,

Very truly yours,

WM. E. QUINE, Dean.

D. A. K. STEELE, Actuary.

This paper was referred to the Committee on the School of Medicine.

#### ILLINOIS SCHOOL OF DENTISTRY.

CHICAGO, August 26, 1898.

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

GENTLEMEN:—At a meeting of the stockholders of the Illinois School of Dentistry, held on the 17th day of August, 1898, I was requested by said stockholders to make application to the University of Illinois to become affiliated with said University as its Dental Department.

In making said application I will say that the Columbian Dental College was incorporated under the laws of the State of Illinois, January the 16th, 1893, with a capital of ten thousand dollars (\$10,000), all of which was fully subscribed and paid in.

On the 17th day of August, 1898, the name Columbian Dental College was changed to the Illinois School of Dentistry, with the same capital.

The session of 1897-98 was about an average in attendance, there being fifty-five matriculations. I wish, however, to say that many improvements conducive to the interest and advancement of the school have been accomplished this year. We now have the strongest faculty and the best equipment in the history of the school, and we confidently expect a hundred matriculations this coming season. We feel assured that the school is now on the threshold of a wonderful growth and advancement not heretofore experienced.

Receipts from session of 1897-98.....	\$3,219 45
<i>Disbursements:</i>	
Dental chairs, histological and general equipment.....	1,850 00
Demonstrators and expenses for session of 1897-98.....	1,050 00
Rent to September 1, 1898 .....	1,380 00
Total.....	\$4,280 00
The property of this school consists of dental chairs, cabinets, dental apparatus, college furniture and fixtures valued at.....	\$5,500 00
Bills receivable.....	500 00
Total.....	\$6,000 00

Our circular of information is herewith enclosed.

If the application meets with the approval of the Board, we are ready to comply with any request that the Board may make of our school.

Respectfully submitted,

100 State street.

FRANK N. BROWN, Dean.

OFFICE OF ILLINOIS STATE BOARD OF DENTAL EXAMINERS.

CHICAGO, August 23, 1898.

*Trustees of University of Illinois.*

GENTLEMEN: We are informed by Dr. Frank N. Brown, Dean of the Illinois School of Dentistry, that he intends to make application to your Board at its coming meeting in September for affiliation with the University of Illinois.

We wish to place on file our recommendation of the Illinois School of Dentistry. It is a well equipped school with a competent staff of instructors and every facility to do first-class work. Its diplomas are recognized by the Illinois Board of Dental Examiners, and we bespeak for it a brilliant and prosperous future. It will undoubtedly strengthen your institution to have the school affiliated with you.

Very truly,

W. C. JOCELYN, President.  
J. H. SMYSER, Secretary.

These papers were referred to the Committee on the School of Medicine.

#### CATTLE EXHIBIT AT THE STATE FAIR.

President Draper, at the request of Professor Davenport, asked the Board to consider the question of making an exhibit of cattle at the State Fair in 1899, and the matter was referred to the Committee on Agriculture.

## APPROPRIATIONS.

President Draper recommended an appropriation of \$75 for lighting the chapel by electricity, and the matter was referred to the Committee on Buildings and Grounds with power to act.

President Draper also recommended an appropriation of \$500 for the department of physiology for current expenses. The recommendation was referred to the Finance Committee, and by the chairman of the Committee, Mr. McLean, at once reported back with the approval of the Committee, and the appropriation was thereupon made.

On the ground of merit, Miss Edith Stave was recommended to an honorary scholarship in music, the value of the scholarship to be the amount of her music fees, and the scholarship was granted.

President Draper suggested that it would be well to have now and then free lectures to the students on subjects specially connected with their studies, and \$500 was appropriated to defray the expenses of such lectures.

## STATE LABORATORY OF NATURAL HISTORY.

President Draper presented the report of the Director of the State Laboratory of Natural History, and the report was received and ordered printed on motion of Mr. Bullard. [For this report see page 340, 19th Report.]

President Draper also presented a report from Professor Forbes with regard to transmittal of communications from the State Laboratory of Natural History. This matter was referred to the Committee on Instruction.

## ASTRONOMICAL OBSERVATORY.

At the request of Professor Myers, Director of the Astronomical Observatory, President Draper presented the following resolution and recommended its adoption:

WHEREAS: Professor George C. Comstock of the Washburn Observatory, Madison, Wisconsin, has permitted our Observatory to connect with the institution he directs for an exchange of signals for longitude, has himself taken care of the Madison part of the work of exchange, and has enabled us to profit by his extended experience and excellent judgment in work of this sort; and

WHEREAS: Mr. W. W. Ryder, Superintendent of Telegraph of the C., B. & Q. railway, has loaned the University valuable instruments and ably represented its needs to the officials of the Western Union Telegraph Company; and

WHEREAS: This latter company, through its representative, Mr. C. A. Tubbs, of Chicago, has permitted the University the free use of its lines between Champaign and Madison, Wisconsin, for an hour an evening from June 17 to July 9, for the above mentioned exchange of electric signals; and

WHEREAS: Professor W. W. Payne of Goodsell Observatory has loaned Observatory a personal equation machine for use throughout the exchange of signals; therefore be it

*Resolved*, That we, the Board of Trustees of the University of Illinois, do hereby extend to these men, severally and collectively, and to the Western Union Telegraph Company and its local agents in Champaign and Madison

in particular, our appreciative recognition and sincere thanks for their distinguished and disinterested service to our University and to science.

The resolution was adopted and the Secretary was directed to send a copy of it to the several persons named therein.

#### AGRICULTURAL EXPERIMENT STATION.

President Draper presented the following estimates of appropriations from U. S. Experiment Station funds needed for the quarter beginning October 1, 1898, and on motion of Mr. McLean the appropriations were made:

#### AGRICULTURAL EXPERIMENT STATION—ESTIMATES.

##### *Current Quarter.*

##### *From General fund—*

Take from scientific apparatus \$300, and from heat, light, and water, \$30, and reappropriate as follows:

Publications.....	\$310 00
Traveling expenses.....	15 00
Contingent.....	5 00
<b>Total.....</b>	<b>\$330 00</b>

##### *From Farm fund—*

Labor.....	\$400 00
Seeds, plants, and sundry supplies.....	50 00
<b>Total.....</b>	<b>\$450 00</b>

##### *Quarter Ending December 31, 1895.*

##### *From General fund—*

Salaries.....	\$1,820 00
Labor.....	995 00
Publications.....	100 00
Postage and stationery.....	30 00
Freight and express.....	30 00
Heat, light, and water.....	120 00
Chemical supplies.....	60 00
Feeding stuffs.....	185 00
Library.....	25 00
Tools, implements, and machinery.....	110 00
Scientific apparatus.....	100 00
Traveling expenses.....	100 00
Contingent.....	50 00
Buildings and repairs.....	25 00
<b>Total.....</b>	<b>\$3,750 00</b>

##### *From Farm fund—*

Labor.....	575 00
Seeds, plants, and sundry supplies.....	\$375 00
<b>Total.....</b>	<b>\$950 00</b>

President Draper called attention to the desirability of putting synchronizing clocks in several of the University buildings, to be connected with the Observatory, and run by electricity, and to control the call bells in these buildings. The matter was referred to the Committee on buildings and grounds to report upon later.

President Draper also spoke of the desirability of discontinuing the carriage driveway on the north of Natural History Hall, and this matter was referred to the Committee on buildings and grounds with power to act.

President Draper called attention to the 12th annual meeting of the Association of American Agricultural Colleges and Experiment Stations to be held in Washington in November, and suggested the appointment of delegates. President Draper and Mr. Raymond were



appointed delegates to represent the University and Professor Davenport to represent the U. S. Agricultural Experiment Station, their expenses to be paid.

# SESSION OF TUESDAY AFTERNOON, SEPT. 20, 1898.

The Registrar, W. L. Pillsbury, presented statements of fees due from students during the quarter ending September 30, 1898, and these were referred to the Finance Committee.

## COMMITTEE REPORTS.

### FINANCE COMMITTEE.

URBANA, September 20, 1898.

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

GENTLEMEN:—Your Finance Committee begs leave to report that it has examined vouchers submitted by the Business Manager on which warrants have been issued as follows:

General University warrants Nos. 2051 to 2800, inclusive, except warrant No. 2609; Agricultural Experiment Station warrants Nos. 326 to 475, inclusive, except Nos. 421 and 425; State Laboratory of Natural History warrants Nos. 249 to 375, inclusive, except No. 275; School of Pharmacy warrants Nos. 169 to 211, inclusive; School of Medicine warrants Nos. 316 to 475, inclusive, except Nos. 367, 404, 406, 408, 421, 422, 432, 465 and 472, and has found the same correct and duly receipted.

We have also examined the report of the Treasurer of the University for the quarter ending June 30, 1898, and have found that receipts for the quarter, together with the balance on hand at the beginning of the quarter, amount to \$105,705.40; that the amount paid out on warrants during the quarter was \$82,711.20, including overdraft on funds of the School of Pharmacy; and that the balances of all funds on hand amounted to \$23,044.20 June 30, 1898.

We submit herewith the report of the Treasurer and ask that it be made a part of the record.

Respectfully submitted,

ALEX MCLEAN,

T. J. SMITH,

I. S. RAYMOND,

Finance Committee.

## TREASURER'S REPORT.

E. G. KEITH, TREASURER, IN ACCOUNT WITH THE UNIVERSITY OF ILLINOIS

June 30, 1898

Dr.		
Balance March 31, 1898.....		\$ 23,557 47
1898.		
April 4, From United States Treasurer, quarterly appropriation for Agricultural Experiment Station fund.....	\$ 3,750 00	
April 25, Received from State Treasurer for general fund.....	26,850 00	
April 27, Received from State Treasurer for general fund.....	2,250 00	
April 27, Received from State Treasurer for Laboratory of Natural History fund.....	5,850 00	
April 30, Received from State Treasurer for general fund.....	20,000 00	
May 13, Received from State Treasurer for general fund.....	12,730 96	
May 31, Received from S. W. Shattuck, paid warrants for general fund.....	2,310 02	
May 31, Received from S. W. Shattuck, for Agricultural Experiment Station fund.....	877 47	
June 17, Received from S. W. Shattuck, paid warrants for general fund.....	3,625 56	
June 17, Received from University of Illinois, investment account for interest on bonds.....	182 50	
June 30, Received from S. W. Shattuck, for credit School of Medicine fund.....	3,000 00	
June 30, Received from S. W. Shattuck, for credit School of Pharmacy fund.....	762 42	\$82,197 93
		\$105,755 40

1898	Cr.		
June 30, By amount paid out of general fund as per list of warrants herewith.....		\$58,663 31	
June 30, By amount paid out of Agricultural Experiment Station fund as per list of warrants herewith.....		4,762 02	
June 30, By amount paid out of Laboratory of Natural History fund as per list of warrants herewith.....		2,551 34	
June 30, By amount paid out of School of Pharmacy fund as per list of warrants herewith.....		2,228 83	
June 30, By amount paid out of School of Medicine fund as per list of warrants herewith.....		14,505 70	
<i>Balances—</i>			\$82,711 20
General fund.....		\$17,734 38	
Agricultural Experiment Station fund.....		1,682 02	
Laboratory of Natural History fund.....		2,936 63	
School of Medicine fund.....		3,416 20	
		\$25,769 23	
School of Pharmacy fund (overdrawn).....		2,725 03	\$23,044 20
			\$105,755 40

E. G. KEITH, Treasurer.

## COMMITTEE ON INSTRUCTION.

URBANA, June 20, 1898.

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

GENTLEMEN.—Your Committee on Instruction, after careful consideration of the question of adopting the Illinois School of Dentistry, respectfully recommends that further consideration of this question be referred to a special committee to be appointed by the chair; the committee to report at the March meeting.

Respectfully submitted,

J. E. ARMSTRONG,  
J. H. FREEMAN,  
S. A. BULLARD,  
T. J. SMITH,

Committee on Instruction.

The Committee on Instruction returned the paper presented by President Draper concerning changes in the corps of instruction (see page 2) with the recommendation that appointments be made and moneys appropriated in accordance therewith, and the report of the committee was adopted.

URBANA, SEPTEMBER 20, 1898.

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

GENTLEMEN:—Your Committee on Instruction recommends that the resolution adopted concerning the transmission of communications and report (see page 88) be amended to read as follows:

*Resolved*, That hereafter the recommendations of the President shall be presented to the Board with such explanation thereon as he may see fit to offer; that by general consent action may be had thereon at once; and that upon the request of any member any recommendation shall be referred to the proper committee for report at the same meeting of the Board.

Nothing herein contained is intended to change the relations heretofore existing between the University and related institutions, nor to impose upon the President of the University any official responsibility beyond that of giving information and expressing opinions touching matters presented, as he may desire.

Respectfully submitted,

J. E. ARMSTRONG,  
J. H. FREEMAN,  
S. A. BULLARD,  
T. J. SMITH,

Committee on Instruction.

The recommendation of the committee was adopted.

The Committee on Instruction returned the list of appointments for the School of Medicine with the recommendation that appointments be made for the ensuing year at the salaries named and that authority be given to appoint a limited number of assistants, as might be found necessary. The report of the Committee was adopted.

COMMITTEE ON AGRICULTURE.

URBANA, September 20, 1898.

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

GENTLEMEN:—Your Committee on Agriculture recommends that \$144.00 be appropriated and paid to Mr. Sullivan when he shall have furnished a ten-inch tile drain as an outlet for drains on the south farm and made connections with them.

Also an appropriation of \$60.00 for repairs on house, barn, and feed lot fences on the south farm.

Respectfully submitted,

I. S. RAYMOND,

Chairman Finance Committee.

The recommendations of the Committee were adopted.

COMMITTEE ON BUILDINGS AND GROUNDS.

URBANA, September 20, 1898.

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

GENTLEMEN:—Your Committee on Buildings and Grounds begs leave to report that it has taken into consideration the purchase of a system of clocks for the University and recommends the purchase of a synchronizing clock to be placed in the Astronomical Observatory, and of three smaller clocks, one to be placed in Library Hall, one in Electrical Laboratory, and one in University Hall, and that the system of bell alarms in the University be connected with the clock in Electrical Laboratory.

S. A. BULLARD,

T. J. SMITH,

J. E. ARMSTRONG,

MRS. LUCY L. FLOWER,

Committee on Buildings and Grounds.

An appropriation of \$125.00 was made to carry out the recommendation of the Committee.

An appropriation of \$15 was made to pay P. S. Robinson for services in the fall and winter terms of last year in the military band.

A communication from Joseph Kuhn & Son, of Champaign, in relation to uniforms for the battalion, was referred to the Committee on Students' Welfare.

An elaborate report of tests made on Illinois coals by Professor Breckenridge and Professor Parr was received and referred to Mr. Morrison for examination and report.

Mrs. Carriel moved that the use of Military Hall be granted for a charity ball, the proceeds to be given to the Julia F. Burnham Hospital.

The motion failed upon the following vote: Yeas, Messrs. Bullard, and Smith and Mrs. Carriel; nays, Messrs. Freeman, Armstrong and McKay and Mrs. Flower.

Mrs. Carriel urged the giving instruction in the University in vocal sight reading of music. On the motion of Mr. McLean this sub-

ject, together with that of giving instruction in elocution and oratory, was referred to the Committee on Instruction for report at the December meeting.

The question of accepting Mr. Swenson's resignation, consideration of which was postponed from the meeting of July 7th, was then taken up. Mrs. Carriel moved to lay the resolution on the table. During the discussion upon this motion Mr. McLean occupied the chair. This motion failed on the following vote: Yeas, Messrs. Morrison, McLean, and Freeman and Mrs. Carriel; nays, Messrs. Armstrong, Raymond, Bullard, and McKay; absent from the room, Mr. Smith and Mrs. Flower.

The resolution was then, on motion of Mr. Bullard, adopted by the following vote: Yeas, Messrs. Armstrong, Raymond, Bullard, McKay, and Freeman; nays, Messrs. Morrison, and McLean, and Mrs. Carriel.

Upon the recommendation of President Draper, \$150 was appropriated for the use of the mechanical engineering department.

#### COAL REPORT.

URBANA, September 20, 1898.

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

GENTLEMEN:—Your Committee on Buildings and Grounds begs leave to report concerning the contract it has made for coal for the ensuing year.

Your committee called for bids for coal by advertising three insertions in the *Inter-Ocean and Record*, of Chicago, and the *Journal and Register* of Springfield. The terms of the advertisement were also sent to all the coal companies whose names had been retained by the Business manager as having been bidders at previous lettings, and all others whose names he could obtain, thirty-three companies in all.

Bids were received and, in the opinion of your committee, the best proposal was from the Odin Coal Co. So it was therefore concluded to contract with the Odin Coal Co. for 3,000 tons of slack coal at 70 cents a ton, and for 1,000 tons of pea coal at \$1 a ton for the year ending July 1, 1899. All coal to be delivered at Champaign.

Respectfully submitted,

S. A. BULLARD,  
T. J. SMITH,  
J. E. ARMSTRONG,

Committee on Buildings and Grounds.

The report of the Committee was adopted.

#### BUSINESS MANAGER'S REPORT.

The Business Manager made the following report, which was referred to the Finance Committee.

UNIVERSITY OF ILLINOIS, September 19, 1898.

*F. M. McKay, Esq., President Board of Trustees, University of Illinois,*

SIR: I have the honor to transmit herewith the following financial statements:

*Paper A* is a statement of the current appropriations June 30, 1898.

*Paper B* is a statement of the State appropriations June 30, 1898.

*Paper D* is a statement of the Laboratory of Natural History fund June 30, 1898.

*Paper E* is statement of the Agricultural Experiment Station fund June 30, 1898.

*Paper F* is the statement of the School of Pharmacy appropriations June 30, 1898.

*Paper G* is the statement of the School of Medicine appropriations June 30, 1898.

*Paper H* is an estimate of receipts and expenses for the twelve months ending June 30, 1898.

*Paper I* is a list of appropriations the Board is requested to make for the three months ending December 31, 1898.

*Paper L* is a statement of receipts by the Business Manager for the three months ending June 30, 1898.

*Paper M* is a list of the general University vouchers presented for audit being 2051 to 2800, inclusive.

*Paper N* is a list of the Laboratory of Natural History vouchers presented for audit, being 249 to 315, inclusive.

*Paper O* is a list of the Agricultural Experiment Station vouchers presented for audit, being 326 to 474, inclusive.

*Paper P* is a list of the School of Pharmacy vouchers presented for audit, being 169 to 211, inclusive.

PAPER A—CURRENT APPROPRIATIONS.

June 30, 1898.	Appropriated.	Expended.	Balance.
Board expenses.....	\$2,592 26	\$1,842 60	\$749 66.
Salaries for instruction { Current .....	110,208 83	14,686 95	.....
U. S. Fund .....		23,000 00	
State .....		72,521 88	
Salaries for services { Current .....	19,699 69	13,905 01	.....
U. S. Fund .....		5,794 68	
State .....		3,618 02	
Buildings and grounds .....	4,100 00	3,618 02	451 98.
Fuel and lights .....	11,699 67	11,651 19	48 48
Stationery and printing .....	3,109 11	2,310 45	798 66
Preparatory School .....	4,679 91	4,680 36	.....
Repair shop .....	4,506 00	3,860 08	645 92
Mechanical department .....	2,420 75	2,108 48	312 27
Departments .....	1,620 75	696 67	924 08.
Laboratories .....	5,137 63	3,555 16	1,582 47
Library and apparatus .....	253 18	77 66	175 52
Incidentals .....	3,022 77	2,232 32	790 45.
<i>Sundries.</i>			
Closed out .....	539 00	539 00	.....
Furniture and fixtures .....	1,006 98	647 70	359 28
Heating apparatus .....	1,490 55	363 69	1,126 86
Water supply .....	1,000 00	875 00	125 00
Minnesota lands .....	322 72	189 76	132 96
Greenhouse .....	400 25	86 96	313 29
South farm .....	257 15	269 92	.....
State Fair exhibit .....	500 00	372 22	127 78
Removal of men's gymnasium .....	1,000 00	417 45	582 55
Winter School of Agriculture .....	100 00	85 45	14 55
Moving to Library Hall .....	500 00	192 63	307 37
Library School .....	400 00	302 00	98 00
Blue print room .....	350 00	216 33	133 67
Military band scholarships .....	495 00	472 50	22 50
President's expenses .....	88 65	88 65	.....
Court expenses .....	38 45	38 45	.....
Commencement .....	800 00	450 86	349 14
Heating plant .....	500 00	478 09	21 91
Summer School .....	300 00	88 04	211 96.

## PAPER B—STATE APPROPRIATIONS, JUNE 30, 1898.

1895-1897.	Received.	Expended	Balance.	As- signed.
<i>Salaries, etc.—</i>				
Closed out.....	\$175,904 26	\$175,904 26		
College of Literature and Arts, books.....	200 00	185 61	\$14 39	\$14 39
Mechanical engineering laboratory.....	695 00	677 26	17 74	17 74
Chemical laboratory (repairs).....	9,180 00	9,035 48	144 52	144 52
Law school.....	3,735 67	3,116 33	619 34	619 34
	\$189,714 93	\$188,918 94	\$795 99	\$795 99
<i>Apparatus and materials—</i>				
Closed out.....	\$5,600 00	\$5,600 00		
Geology.....	400 00	332 46	\$67 54	\$67 54
	\$6,000 00	\$5,932 46	\$67 54	\$67 54
<i>Laboratory of Vegetable Physiology.....</i>	\$2,000 00	\$1,975 30	\$24 70	\$24 70
<i>Vaccine Laboratory.....</i>	\$3,000 00	\$3,000 00		
<i>College of Engineering.....</i>	\$30,000 00	\$30,000 00		
<i>Furnishing and fitting Engineering Hall—</i>				
Closed out.....	\$1,670 20	\$1,670 20		
Architecture.....	770 38	769 80	\$ 58	\$ 58
Municipal and sanitary engineering.....	401 30	394 90	6 40	6 40
Mechanical department.....	563 78	541 23	22 55	22 55
Electrical engineering and physics.....	1,193 39	1,112 27	81 12	81 12
College, library, etc.....	400 95	383 46	17 49	17 49
	\$5,000 00	\$4,871 86	\$128 14	\$128 14
<i>Cabinets—</i>				
Geology.....	\$666 67	\$652 86	\$13 81	\$13 81
Botany.....	666 66	38 39	628 27	628 27
Zoölogy.....	666 67	223 95	442 72	442 72
	\$2,000 00	\$915 20	\$1,084 80	\$1,084 80
<i>Salaries, etc.—</i>				
Closed out.....	\$4,400 00	\$4,400 00		
Salaries for instruction.....	59,790 92	59,790 92		
Salaries for services.....	5,794 68	5,794 68		
Agricultural department.....	3,556 00	3,524 06	\$31 94	\$31 94
Administrative offices.....	300 30		300 00	300 00
Advertising.....	3,000 00	1,360 17	1,639 83	1,639 83
Art and design.....	300 00	89 62	210 38	210 38
Accredited schools.....	500 00	108 00	392 00	392 00
Buildings and grounds.....	5,160 54	5,160 54		
College of Literature and Arts.....	250 00		250 00	250 00
Conservatory.....	5,526 32	5,526 32		
Coal tests.....	150 00	80 00	70 00	70 00
Decorating Library Hall.....	3,500 00	2,500 00	1,000 00	1,000 00
Furniture and fixtures.....	700 00	451 96	158 04	158 04
Heating apparatus.....	1,500 00	1,438 37	61 63	61 63
Illinois Agriculturist.....	123 40	100 00	23 40	23 40
Illinois Field.....	3,000 00		3,000 00	3,000 00
Illini.....	500 00	500 00		
Heating plant.....	2,000 00		2,000 00	2,000 00
Library supplies.....	550 00	433 72	116 28	116 28
Lockjaw experiment.....	50 00	23 40	26 60	26 60
Mechanical engineering shops.....	210 00	58 06	152 00	152 00
Oratorical contest.....	200 00	200 00		
Physical training.....	500 00	483 25	16 75	16 75
Preparatory School.....	250 00	10 71	239 29	239 29
School of Music.....	500 00	431 21	68 79	68 79
Technograph.....	100 00	100 00		
Typewriting bureau.....	250 00	199 23	50 77	50 77
Woman's department.....	300 00		300 00	300 00
Unassigned.....	7,037 54		7,037 54	
	\$110,000 00	\$92,854 16	\$17,145 84	\$10,108 30
<i>Endowment Fund Interest.....</i>	\$12,730 96	\$12,730 96		
<i>Completing Library Hall.....</i>	\$5,000 00	\$5,000 00		
<i>Bridge on Burrill Avenue.....</i>	\$500 00	\$500 00		

Paper B—*State Appropriations*—Concluded.

1897-1899]	Received.	Expended	Balance.	Assigned.
<i>Engineering Equipment—</i>				
Architecture.....	\$500 00	\$399 04	\$160 96	\$160 96
Civil engineering.....	500 00	139 43	330 57	330 57
Mechanical engineering.....	3,750 00	2,353 07	1,396 93	1,396 93
Physics and electrical engineering.....	3,750 00	2,999 53	750 47	750 47
Theoretical and applied mechanics and municipal and sanitary engineering.....	1,000 00	637 61	362 39	362 39
College (in general).....	500 00	160 97	339 03	339 03
	\$10,000 00	\$6,659 65	\$3,340 35	\$3,340 35
<i>Apparatus and Materials—</i>				
Astronomical Observatory.....	\$510 00	\$408 57	\$101 43	\$101 43
Applied chemistry.....	175 00	21 67	153 33	153 33
Botany and horticulture.....	340 00	306 79	33 21	33 21
Chemistry.....	500 00	410 26	89 74	89 74
Geology.....	200 00	.....	200 00	200 00
Physical training.....	200 00	200 00	.....	.....
Psychology.....	50 00	31 12	18 88	18 88
Physiology.....	500 00	435 39	64 61	64 61
Zoölogy.....	200 00	112 31	87 69	87 69
Unassigned.....	325 00	.....	325 00	.....
	\$3,000 00	\$1,926 11	\$1,073 89	\$748 89
<i>Furnishing Library Hall.....</i>	\$5,000 00	\$4,855 61	\$144 39	\$144 39
<i>Fire protection.....</i>	\$1,000 00	\$200 77	\$799 23	\$799 23
<i>Vaccine Laboratory.....</i>	\$1,200 00	\$448 74	\$751 26	\$751 26
<i>Equipment of men's gymnasium.....</i>	\$3,000 00	\$2,919 02	\$80 98	\$80 98
<i>Cabinets.....</i>	\$1,000 00	.....	\$1,000 00	\$1,000 00
<i>Taxes on Minnesota lands.....</i>	\$1,800 00	\$1,738 81	\$61 19	\$61 19
<i>Water survey.....</i>	\$3,000 00	\$2,105 17	\$894 83	\$894 83
<i>Chemical equipment.....</i>	\$5,000 00	\$3,717 06	\$1,282 94	\$1,282 94
<i>Library.....</i>	\$5,000 00	\$3,968 35	\$1,031 65	\$1,031 65
<i>Pavements and walks.....</i>	\$3,000 00	\$2,828 57	\$171 43	\$171 43
<i>Shop practice.....</i>	\$1,500 00	\$1,123 49	\$376 51	\$376 51
<i>Central heating plant.....</i>	\$40,000 00	\$39,992 46	\$7 54	\$7 54

## PAPER D—LABORATORY OF NATURAL HISTORY.

1895-1897.	Received.	Expended.	Balance.	Assigned.
General balance July 1, 1896.....	\$253 68	\$7 20	\$245 96	\$245 96
Closed out.....	8,150 90	8,150 90	.....	.....
Report of Entomologist.....	250 00	192 42	57 58	57 58
Diseases of insects.....	1,500 00	1,413 89	86 11	86 11
	\$10,153 68	\$9,764 03	\$389 65	\$389 65
1897-1899	Appropriated.	Expended.	Balance.	Assigned.
Salaries and assistants.....	\$4,000 00	\$4,000 00	.....	.....
Field office, etc.....	1,500 00	1,379 99	\$120 01	\$120 01
Library.....	1,500 00	1,191 59	308 41	308 41
Bulletins.....	750 00	679 54	70 46	70 46
Report of Entomologist.....	250 00	.....	250 00	250 00
Biological Experiment Station.....	3,000 00	2,980 10	19 90	19 90
	\$11,000 00	\$10,231 22	\$768 78	\$768 78

## PAPER E—AGRICULTURAL EXPERIMENT STATION.

1897-1998.	Appropriated.	Expended.	Balance.
<i>General Fund.</i>			
Salaries.....	\$7,209 93	\$7,209 93	
Labor.....	3,268 42	3,268 42	
Publications.....	840 90	840 90	
Postage and stationery.....	103 39	103 39	
Freight and express.....	189 51	189 51	
Heat, light, and water.....	120 00	120 00	
Chemical supplies.....	51 00	51 00	
Seeds, plants, and sundries.....	424 64	424 64	
Feeding stuffs.....	471 75	471 75	
Library.....	271 92	271 92	
Tools, implements, and machinery.....	570 80	570 80	
Furniture and fixtures.....	31 00	31 00	
Scientific apparatus.....	648 29	648 29	
Live stock.....	40 00	40 00	
Traveling expenses.....	248 09	248 09	
Contingent.....	191 58	191 58	
Buildings and repairs.....	318 78	318 78	
	\$15,000 00	\$15,000 00	
<i>Farm Fund.</i>			
Labor.....	\$2,143 49	\$2,137 08	\$6 41
Seeds, etc.....	1,003 51	1,003 51	
	\$3,147 00	\$3,140 59	\$6 41

## PAPER F—SCHOOL OF PHARMACY.

1897-1898.	Appropriated.	Expended.	Balance.
Salaries for instruction.....	\$4,689 47	\$4,686 47	
Salaries for services.....	1,750 00	1,750 00	
Buildings and grounds.....	3,031 10	3,031 10	
Fuel and lights.....	494 36	494 36	
Stationery and printing.....	261 27	261 27	
Laboratories.....	1,366 67	1,366 67	
Library.....	5 50	5 50	
Incidentals.....	659 90	659 90	
Sundries.....	199 69	199 69	
Advertising.....	917 82	917 82	
Furniture and fixtures.....	98 36	98 36	
Museum.....	22 50	22 50	
Unassigned.....	144 75		\$144 75
	\$13,698 39	\$13,493 64	\$144 75

## PAPER G—SCHOOL MEDICINE.

1897-1898.	Appropriated.	Expended.	Balance.
Salaries for instruction.....	\$ 3,285 66	\$ 3,285 66	
Salaries for services.....	5,068 87	5,068 87	
Buildings and grounds.....	14,707 55	14,707 55	
Fuel and lights.....	1,783 85	1,783 85	
Stationery and printing.....	372 30	372 30	
Laboratories.....	2,562 15	2,562 15	
Books and publications.....	25 00	25 00	
Apparatus and materials.....	2,786 42	2,786 42	
Incidentals.....	1,061 72	1,061 72	
Advertising.....	4,144 92	4,144 92	
Furniture and fixtures.....	298 21	298 21	
Sundries.....	512 50	512 50	
Unassigned.....	3,390 85		\$ 3,390 85
	\$40,000 00	\$36,609 15	\$ 3,390 85



PAPER L—RECEIPTS BY THE BUSINESS MANAGER FOR THE THREE MONTHS ENDING  
JUNE 30, 1898.

University fees.....	\$4,719 32	
Music fees.....	772 32	
Diploma fees.....	510 00	
Preparatory School fees.....	1,127 46	
Locker fees for year.....	197 25	
Chemical laboratory.....	1,098 69	
Physical laboratory.....	223 78	
Physiology.....	110 65	
Zoology.....	141 38	
Botany.....	55 25	
Mineralogy.....	24 86	
Geology.....	134 67	
Psychology.....	2 00	
Astronomy.....	122 75	
Civil engineering.....	135 50	
Electrical engineering.....	139 00	
General engineering drawing.....	200 14	
Laboratory applied mechanics.....	6 00	
Preparatory laboratories.....	88 33	
Buildings and grounds.....	17 00	
Fuel and lights.....	125 03	
Greenhouse.....	247 71	
Heating apparatus.....	37 00	
Blue print room.....	197 94	
Repair shop.....	42 10	
South farm.....	1,310 00	
Minnesota lands.....	30 20	
Land contracts, principal.....	902 60	
Land contracts, interest.....	3 00	
Mechanical department.....	108 13	
Library School.....	242 87	
School of Medicine.....	6,031 60	
School of Pharmacy.....	762 92	
Agricultural Experiment Station.....	1,233 43	
Incidentals.....	189 87	
		\$21,290 78

*Paper Q* is a list of the School of Medicine vouchers presented for audit, being 316 to 475, inclusive.

*Paper R* is a statement by Professor Forbes of the receipts from fees at the Summer School at Havana.

The Board is requested to appropriate for the Agricultural Department \$600 as pay for three men for six months, July 1, 1898, to January 1, 1899.

Respectfully submitted,

S. W. SHATTUCK, Business Manager.

Mr. McLean, Chairman of the Finance Committee, at once reported from the Committee recommending appropriations as asked for in paper I, as submitted by the Business Manager.

## APPROPRIATIONS FOR THREE MONTHS ENDING DECEMBER 31, 1898.

Board expenses.....	\$500 00	
Salaries for instruction.....	36,000 00	
Salaries for services.....	6,000 00	
Buildings and grounds.....	2,000 00	
Fuel and lights and electric power.....	4,000 00	
Stationery, printing, etc.....	1,000 00	
Advertising and postage.....	1,000 00	
Repair shop.....	1,000 00	
Mechanical department.....	500 00	
Departments.....	300 00	
Laboratories.....	1,000 00	
Library and apparatus.....	50 00	
Incidentals.....	800 00	
Furniture and fixtures.....	500 00	
Heating apparatus.....	500 00	
Water supply.....	500 00	
Greenhouse.....	200 00	
Blue print room.....	200 00	
Stone posts.....	160 00	
Library school.....	200 00	
Library supplies.....	200 00	\$56,610 00
School of Pharmacy.....	4,000 00	
School of Medicine.....	12,000 00	
Agricultural Experiment Station.....	4,500 00	
Laboratory of Natural History.....	3,000 00	
Water survey of State.....	750 00	
		\$24,250 00
		\$80,860 00

On motion of Mr. Raymond, \$600 was appropriated to pay farm hands for the six months ending Dec. 31, 1898. Also on motion of Mr. Raymond, the Superintendent of Buildings and Grounds was directed to have the noxious weeds on the rifle range destroyed.

The matter of the drain through the forest and on the road east thereof was referred to the Farm Committee to report at the December meeting.

On motion of Mr. Bullard it was voted to appoint a committee consisting of the President of the University, the President of the Board, and three other members of the Board to consider what appropriations should be asked of the next Legislature, and to report thereon at the December meeting of the Board.

Messrs. McLean, Bullard, and Armstrong were appointed upon this committee.

It was voted to ask Professor Ricker, Professor White, and the Superintendent of Buildings and Grounds to investigate the condition of the walls and the heating and ventilation of Library Hall, and to report thereon at the December meeting of the Board.

On motion of Mr. Raymond, it was voted to invite the State Farmers' Institute to hold its next regular meeting at the University and to tender to the Institute the use of such rooms and other facilities at the University as it might need.

President McKay appointed Mrs. Flower and Messrs. Bullard and Armstrong the Special Committee to consider the proposition of the Illinois College of Dentistry.

On motion of Mr. McLean it was voted to adjourn to meet in the office of the State Superintendent of Public Instruction, in Springfield, at 9 o'clock a. m., Thursday, September 29, 1898.

W. L. PILLSBURY,  
Secretary.

F. M. MCKAY,  
President.

## ADJOURNED SESSION, SEPTEMBER 29 AND 30, 1898.

The Board of Trustees of the University of Illinois met pursuant to adjournment at 9 o'clock a. m., September 29, 1898, in the office of the Superintendent of Public Instruction, Springfield, Ill.

The members present were Messrs. Bullard, Freeman, McLean, Pearce and Raymond and Mrs. Flower.

Mr. Bullard was elected chairman.

There being no quorum present the board adjourned to meet at the same place the next morning at 8:30 o'clock.

## SESSION OF FRIDAY, SEPTEMBER 30, 1898.

When the Board met pursuant to adjournment the same members were present as on the day before and in addition Messrs. Armstrong and Morrison and Mrs. Carriel.

Mr. Freeman was elected chairman.

The Buildings and Grounds Committee made the following reports:

## LIGHTNING RODS.

SPRINGFIELD, ILLS., Sept. 30, 1898.

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

GENTLEMEN:—Your Committee on Buildings and Grounds desires to report that under your directions lightning rods on the Astronomical Observatory and the U. S. Experiment Station building were contracted for at the same rate for which the work was done on the other buildings of the University—19 cents per running foot, including the fastenings. Three bronze trolley wheels were required for contact connections on the dome of the Observatory. These were extra.

Mr. White reports that the work has been satisfactorily done, and that he finds by measurement the length of rods put up to be 774 feet. He has approved the bill of Mr. Charles Bejohr, the contractor, for \$125.93.

Mr. Bejohr's bill is for \$146.93, he having included freight and railroad fare to the amount of \$21; but we believe not justly; therefore we recommend that \$125.93 be ordered paid to Mr. Charles Bejohr for rodding and lightning conductors on the buildings herein mentioned.

Respectfully submitted,

S. A. BULLARD,  
J. E. ARMSTRONG,  
MRS. LUCY L. FLOWER,

*Committee on Buildings and Grounds.*

The report of the committee was approved and the bill ordered paid at \$125.93.

## SALE OF BOILERS.

SPRINGFIELD, ILLS., Sept. 30, 1898.

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

GENTLEMEN:—Since the installation of the Heating, Lighting and Power plant three small 40-horse power tubular boilers, which were formerly used to furnish power for the shops, and one water tube Sterling boiler of 60-horse

power, belonging to the old heating plant, are not now in use. These boilers were too small to use in the new plant, as each boiler of that size would require very nearly as much care and labor in attending it as one boiler of the capacity of all.

Your Committee on Buildings and Grounds has had these boilers painted over so as better to preserve them, and requests that the business manager be authorized and instructed to sell them for the greatest amount obtainable; but not for less than \$600 for the four, or one or more at proportionate rates, having publicly invited proposals for them.

Respectfully submitted,

S. A. BULLARD,  
J. E. ARMSTRONG,

*Committee on Buildings and Grounds.*

The report of the committee was adopted.

#### FENCE AROUND ILLINOIS FIELD.

SPRINGFIELD, ILLS., Sept. 30, 1898.

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

GENTLEMEN:—Your Committee on Building and Grounds, in whose charge you placed the improvements to be made on Illinois Field, desires to report that a plat of the grounds and sketches of an iron picket fence seven feet high, two cross rails, three-quarter inch square pickets with malleable points on top, and with posts seven feet apart, were made by the Superintendent of Buildings and Grounds, together with specifications of materials and labor in its manufacture and erection. It was decided that two double gates twelve feet wide were necessary for carriage entrances and three single gates six feet wide for individual admission. Ornamental posts were planned for at the four corners and at the gates. Proposals were asked for seven companies who manufacture iron fences. The following bids were received:

Koken Iron Works, St. Louis.....	\$4,300 00	
Additional for erecting fence.....	400 00	
		\$4,700 00
Stewart Iron Works, Cincinnati.....	\$2,300 00	
Additional for putting up.....	250 00	
		2,550 00
Ellis & Helfenberger, Indianapolis.....	\$2,545 00	
Additional for putting up.....	150 00	
		2,695 00
Plain fence.....	\$2,329 00	
Additional for putting up.....	250 00	
		2,579 00
John Booth, Chicago.....	\$3,590 00	
Additional for putting up.....	810 00	
		4,400 00
Dow Wire Works, Louisville.....	\$2,947 00	
Additional for putting up.....	195 00	
		3,142 00
Belmont Iron Works, Philadelphia.....	\$3,148 00	
Additional for putting up.....	350 00	
		3,498 00

Considering the prices and quality of work to be done the committee decided to award the contract to the Stewart Iron Works, of Cincinnati, O., which was done August 23d last, for the sum of \$2,550, erected upon the campus.

The work is to be done by October 15th next, and at this date a part of the fence has arrived and men for the work of erection.

Respectfully submitted,

S. A. BULLARD,  
J. E. ARMSTRONG,  
MRS. LUCY L. FLOWER,

*Committee on Buildings and Grounds.*

It was ordered that the report be printed with the minutes.

## COAL TESTS.

SPRINGFIELD, ILL., September 30, 1898.

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

GENTLEMEN:—Recognizing the value of the tests of coal made by the mechanical engineering department to determine the relative steam producing qualities of coal, as a guide in the annual purchase of coal for the university, it is hereby ordered by this board that such tests of coal be continued, especially of the forms of coal known as slack and pea coal, and that the Business Manager be instructed to purchase at the best rates obtainable thirty tons of slack and thirty tons of pea coal from each of the several mines of the State that have been bidding on furnishing coal for the University, and that the Superintendent of Buildings and Grounds and the professor of mechanical engineering be instructed to test these qualities of coals at the times and in such manner and under such conditions as in their judgment will best unite to furnish the information sought for by this Board, and to report to the Board the result of these tests.

It is further ordered that the professor of applied chemistry be instructed to make such chemical analyses of these coals as will fully determine their composition and character as to their power to make steam and any other general or special facts which may be obtained in such analyses, and to report the results of his investigation to this Board. It is the desire to have these reports at the same time from different departments, so that complete information of any coal may be had by an examination of these combined reports.

Respectfully submitted,

S. A. BULLARD,

*Chairman Committee on Buildings and Grounds.*

The recommendations of the Committee were adopted.

The Committee on Buildings and Grounds recommended the payment of the balance, \$295.31, of Charles G. Armstrong's bill for services as consulting engineer on the Heating, Lighting, and Power plant, and the balance was ordered paid.

## MINNESOTA LANDS.

The following resolution was offered by Mr. Bullard:

WHEREAS, The University owns several thousand acres of land in the State of Minnesota, which several years ago were appraised and placed on sale by the board, and

WHEREAS, A new listing and appraisalment is now advisable in order to adjust the prices to the conditions at present prevailing, so that the University may be properly guarded against loss on such sales of lands, therefore

*Resolved*, That a committee of two members of this board be appointed to list and appraise the said lands and report their acts for the approval of this board as soon as practicable. The report of the committee shall include a legal description of each piece of land, number of acres therein, the quality of the soil, proximity to railroad stations, villages, and water courses, and a general description of its topography, with a view of determining its value for farming purposes.

Mrs. Flower moved that the resolution be adopted and that Messrs. Raymond and McLean be appointed such committee, and the motion prevailed.

FUNCTIONS OF THE BOARD OF TRUSTEES AND OF THE PRESIDENT OF  
THE UNIVERSITY DEFINED.

Mr. McLean offered the following resolution and moved its adoption:

WHEREAS, Circumstances have arisen which make it desirable that the official relations between the Trustees and the President of the University should be plainly understood, and the functions of each clearly defined, therefore

*Resolved*, That the functions of the Trustees are legislative and not executive. The Board is to secure, as far as possible, the needed revenues for the University and is to determine the ways in which University funds shall be applied. It is to map out University policy, but it must, of necessity, leave the execution of that policy to its executive agents. Such agents must be capable and, within the general line of policy laid down by the Board, they should not be interfered with. It is no functions of a trustee to act as superintendent of the University business, and it would be most reprehensible in a trustee to have secret meetings or understandings with members of the faculty, other employes or students; or to act in any way calculated to undermine or weaken the authority of its authorized agents. Such conduct would be subversive of all discipline and destroy the efficiency of the University organization. If the University does not prosper under the agents employed, there should be a change of agents, but while in office the fullest confidence and support must be given them by the Board to enable them to obtain the best results. Any other course would not only be detrimental to the University, but a gross injustice to those employed.

Second. The President of the University is the chief executive and responsible agent of the Trustees. He is to have constant watch and care over every University interest, and particularly the fullest responsibility in the instructional work. He is to be ready to recommend suitable persons for vacancies in the Faculty, and, in case of an exigency, he is to fill a place so that the work of the University shall not be interrupted. He is to see that instructors are competent and right spirited, and is to hold all members to the exact and full discharge of their duties; and if, in his judgment, the necessity arises, he is to initiate steps for a change in the instructors. He is to attend the meetings of the Trustees and take part in the discussion of matters under consideration. He is, of course, to follow the directions of the Board given in any particular matter; but it is neither possible nor desirable for the Trustees to direct most of the details of executive action; and so, in all matters, the President is expected to act with perfect freedom within the lines of general policy laid down by the Board, following a custom which has been well commenced here, is usual in all large universities, and is imperative to secure their strong and healthy development.

Third. 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 on this principle.

It was ordered that the roll be called and the vote was: Yeas, Messrs. Armstrong, Bullard, Freeman, McLean, Morrison, Pearce, and Raymond, and Mrs. Flower and Mrs. Carriel; nays, none; absent, Governor Tanner and Messrs. McKay and Smith.

## AN EXPRESSION OF APPRECIATION.

Mr. Bullard offered the following paper and moved its adoption:

At this period in the history of the University of Illinois, when by a steady and rapid advancement it has attained its highest eminence, and is fulfilling to the satisfaction of the people the transcendent duties devolving upon it, we, individual members of the Board of Trustees, desire to express and place upon our records our present high appreciation of the President of the University, Andrew S. Draper, LL. D.

We believe that the high position which the University occupies among the great universities of the states is largely due to the four years of untiring labor which President Draper has given to it, in which he has held and does now hold the unbounded confidence of the members of this Board. We highly appreciate, and are greatly pleased with, his strong, generous, straightforward, and just administration of the affairs of the University. We take pride in his courteous and cordial bearing, thereby making friends, not only for himself, but also for the University; and in the recognition of his eminent abilities by other distinguished educators, as shown by invitations to lecture, from the Pacific shores to the Atlantic; and that he stands shoulder to shoulder in the front rank of advancement with the presidents of other great universities.

We heartily approve in him the homely and admirable virtues of honesty, an exalted regard for right in the discharge of the duties of his high office, and an integrity that can not be moved by subornation to do any act detrimental to the highest interests of the University.

We commend his administration of the presidency of the University and pledge to him our undivided support so long as he continues to execute his high duties with the kindness, conscientiousness, fidelity, and comprehensive abilities that have always characterized his life among us; and we hope by this expression of appreciation, not so much to lessen his toil and responsibility as the President of the University, as to lessen his burdens by giving to him the inspiring cheer that is born of enthusiastic approval of duties well done.

It was ordered that the roll be called on the adoption of this paper and the vote was: yeas, \*Governor Tanner, Messrs. Armstrong, Bullard, Freeman, McLean, Morrison, Pearce, Raymond and \*Smith and Mrs. Flower and Mrs. Carriel; nays, none; absent, Mr. McKay.

The Secretary was directed to send a copy of this paper to each of the absent members of the Board, and to say to them that the Board gave each of them permission to record his vote upon the adoption of this paper, if he so desired. This was done and the following replies were received:

STATE OF ILLINOIS, EXECUTIVE OFFICE,

SPRINGFIELD, October 13, 1898.

*Mr. W. L. Pillsbury, Urbana, Ill.*

DEAR SIR:—Yours of the 5th, with copy of resolution passed by the Board of Trustees, at your last meeting, is received.

Please record the Governor as voting "aye" on the proposition, for I am surely in hearty accord with the letter and spirit of the resolution.

Yours very truly,

JOHN R. TANNER.

\* By permission. See next paragraph.

CHAMPAIGN, October 6, 1898.

*Mr. W. L. Pillsbury, Urbana, Ill.*

DEAR SIR: Yes, by all means record me as voting for the resolution. It does not more than express the truth.

Respectfully,

THOS. J. SMITH.

The Secretary was ordered to send a copy of this paper to President Draper.

BUILDING ON STATE FAIR GROUND FOR UNIVERSITY AND PUBLIC SCHOOL EXHIBITS.

SPRINGFIELD, ILL., September 30, 1898.

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

GENTLEMEN: Your Committee on Agriculture respectfully submits the following preamble and resolution for your consideration and recommendation and moves their adoption:

WHEREAS, This University is now one of the foremost institutions of its kind in this country and is of great importance to the agriculturists and other citizens of this commonwealth, and,

WHEREAS, The State of Illinois has located permanently the State Fair at Springfield, and it is but meet and proper that this institution should be fully represented at the annual exhibitions of the Illinois State Board of Agriculture, and,

WHEREAS, This University is ready at all times to make large exhibits of live stock, of agricultural products, of the results of investigations in many branches of art and science, and of educational appliances and work, which it is believed would be of great value to the people of this State, provided such exhibits could be made and properly displayed in a suitable building erected for that purpose on the State fair grounds, and,

WHEREAS, The University of Illinois, being desirous of making such an exhibition, has met with strong and proper objections from private exhibitors who allege that it is not right for the University to compete for premiums with individual exhibitors in their several lines of business, and,

WHEREAS, The exhibits of the public schools of the State have become of great importance to our educational interests and should be made in a suitable building, therefore, be it

*Resolved*, That this board petitions the Illinois State Board of Agriculture for a suitable building to be erected on its grounds and occupied permanently by the public schools of the State and by the University of Illinois for the purposes above set forth.

Respectfully submitted,

I. S. RAYMOND,  
N. B. MORRISON,  
J. IRVING PEARCE,  
ALEX. MCLEAN,

*Committee on Agriculture.*

The board adjourned.

W. L. PILLSBURY,  
*Secretary.*

J. H. FREEMAN,  
*President pro tempore.*



## MEETING OF NOVEMBER 12, 1898.

The following call for a special meeting of the Board of Trustees of the University of Illinois was issued November 6, 1898:

"Upon the call of the President, Mr. F. M. McKay, there will be a special meeting of the Board of Trustees of the University of Illinois at 8 o'clock a. m., Saturday, November 12, 1898, in the Trustees' Room, Library Hall, Urbana, Illinois, to select a location for the burial of Dr. Gregory and to consider such other business as may come before the Board."

There were present at the meeting Messrs. Armstrong, Bullard, McKay, McLean, Morrison, Raymond, and Smith, and Mrs. Flower, also President Draper; absent, Governor Tanner and Messrs. Freeman and Pearce and Mrs. Carriel.

On motion of Mr. Bullard it was voted that the Board go into Committee of the Whole and that Professors Burrill, Shattuck, and Ricker be invited to sit with the committee.

When the Committee of the Whole rose, President McKay reported that the committee had considered carefully the question of a place for the burial of Dr. Gregory, and had, after consultation with the University professors invited to sit with the committee, and after viewing several spots suggested for the burial place, adopted the following resolution:

*Resolved*, That the Committee of the Whole recommends that the body of the late Dr. John Milton Gregory be laid to a permanent rest in the University grounds south of the Library Building, near a point 100 feet south of the drive in a line with John street, and midway between Wright street and the west line of University Hall.

The report of the Committee of the Whole was adopted.

On motion of Mr. Smith it was voted to appoint a committee of three to prepare resolutions in memory of Dr. Gregory, the committee to advise with President Draper.

President McKay appointed Messrs. Raymond, Bullard, and McLean upon this committee.

The resolutions were as follows:

## RESOLUTIONS IN MEMORY OF JOHN MILTON GREGORY.

(First Regent of the University of Illinois—1867-1880.)

WHEREAS, Dr. John M. Gregory, the first Regent or President of the University, died in the city of Washington, D. C., on the 19th of October last, and

WHEREAS, The deceased had expressed a wish that his remains might have burial within the grounds of the University, and such suggestion has already had the approval of the members of the Board individually, therefore

*Resolved*, That the Board of Trustees of the University takes the first opportunity since the death of Dr. Gregory to renew an official expression of its appreciation of the great debt of gratitude under which the University must always rest to its first Executive. He was endowed in liberal measure with the qualities which were needed to prepare the plans and effect the organization of such an institution. His scholarship, his intellectual balance, his familiarity with public questions, his courage in the face of much opposition, and his skill in debate, laid foundations for a University upon which the superstructure has been continually growing stronger and nobler since he ceased to be so potent in guiding its affairs. His sympathetic nature and his efficiency as a teacher not only endeared him to students, but gave inspiration and direction to their lives. His works will remain after him to do him honor and his memory must always have a unique and enviable place in our history. His death, even at the end of a long and exceedingly fruitful life, fills all friends of the University with sorrow. The Board of Trustees, not only because of its official responsibility and its point of vision, but perhaps more particularly because four of its members were students of the distinguished deceased, is in a position to realize the great worth of his services to individuals, to the University, and to the educational progress of the State, and knows how very feeble its former action is in adequately expressing it. Not only in an official and formal way, but with a depth of feeling which we can not utter, we declare that it was rare good fortune which brought his great gifts to the aid of the University in the days of its infancy; and in the years of its strength it will never cease to cherish his memory and draw inspiration from his words and his example.

*Resolved*, That his desire to be buried in the grounds of the University is not only significant of his unceasing affection for it, but brings to it the opportunity to secure in larger measure the continuance of his influence upon its life. While any common practice in this direction is doubtless to be avoided, even in the case of strong characters who have exerted telling influence in the affairs of the University, the preëminence of Dr. Gregory in this regard is assuredly sufficient justification in this instance. Therefore, the Board directs that burial be made in mason work in the neighborhood of a point south of the line of John street if projected into the University grounds and about one hundred feet therefrom, and about midway between Unniversity hall and the west line of the University grounds; 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, to the end that it may unceasingly remind us, and coming generations, of the virtues of the departed, and forever exert an influence at once mellowing and uplifting in the life of the University. And the executive officers of the University are directed at an early day to carry this action into effect.

ISAAC S. RAYMOND,  
SAMUEL A. BULLARD,  
ALEXANDER McLEAN,

*Committee.*

On motion of Mr. McLean, it was ordered that the Committee on Buildings and Grounds should look after the location of the burial place and make arrangements for the burial at as early a date as practicable.

On motion of Mr. Armstrong, \$300.00, or so much thereof as might be needed, was appropriated to defray expenses connected with the burial.

The board adjourned.

W. L. PILLSBURY,

*Secretary.*

F. M. McKAY,

*President.*

## MEETING OF DECEMBER 13, 1898.

The Board of Trustees of the University of Illinois met in the Trustees' room, Library hall, Urbana, Illinois, at 9 o'clock a. m., Tuesday, December 13, 1898.

The members present were Messrs. Armstrong, Bullard, Freeman, McKay, McLean, Morrison, Raymond and Smith and Mrs. Flower and Mrs. Carriel, also President Draper; the members absent were Governor Tanner and Mr. Pearce.

The Secretary presented the minutes of the meeting of September 20, 1898, and of the adjourned session of that meeting held September 29, 1898; also the minutes of the special meeting held November 12, 1898.

Two errors in printing the report of the Committee on Instruction, found on pages 113 and 114 were corrected. By the first the figures "88" in the last line of page 113 were changed to 93, and in place of the first five lines on page 114 the following was substituted:

*Resolved*, That all communications pertaining to matters of business or to appointments, to be presented to the Board of Trustees for action, be first presented to President Draper for his examination and recommendation, and such other suggestions as he may deem proper.

Also Mr. Bullard, chairman of the Committee on Buildings and Grounds, asked to have inserted after the word "sent" in the first line, page 116 the words "by the chairman," and to change the figures "3,000" in the seventh line of the page to 1,000, and the "1,000" in eighth line to 3,000. It was ordered that these changes be made.

The minutes with these corrections and change were then approved.

## COMMUNICATIONS FROM PRESIDENT DRAPER.

*To the Board of Trustees.*

I submit for your consideration the following business:

1. A report from the architects of the Library Building and the Superintendent of Buildings, touching the condition of the walls and the heating and ventilation of said building.

HEATING AND VENTILATION OF LIBRARY HALL AND CONDITION OF THE WALLS.

URBANA, ILLS., Dec. 7, 1898.

*To the President and Board of Trustees, University of Illinois.*

GENTLEMEN: In accordance with your order, communicated on October 10, 1898, by your Secretary, we have carefully examined the condition of the walls and the heating and ventilation of Library Hall, and beg leave to present the following report and recommendations.

The stains on inside basement walls appear to be due to three causes:

1. The moisture remaining in the thick masonry walls after construction slowly evaporated inside the building, producing no serious difficulty until the fan stopped running in the spring and during the summer, when the stains began to appear, as the moisture was not removed with sufficient rapidity.

2. The outside ground drains of 5-inch tiles were recently taken up and found to be out of line and stopped in some places, thus obstructing the removal of ground water. These have been relaid with 8-inch tiles, above which the 5-inch tiles have been replaced, so that the ground will be well drained hereafter.

The sewer pipe joining the conductor on south side of west wing was found to be disconnected, perhaps by some excavations made since the completion of the building. This has been remedied.

3. The excessive rainfall during the past spring and summer saturated the ground outside the building, preventing external evaporation of moisture remaining in the walls.

If the fan be run constantly while Library Hall is in use, and at frequent intervals during the vacations, the structural dampness remaining in the walls will in time be removed.

We recommend that the stained walls in basement be furred out about 13 $\frac{1}{4}$  inches from the present surface of the plastering, from the floor to the tops of the window sills, covered with wire lathing, and plastered with two coats of hard mortar, finished with oak cap at window sills, and with a base run in hard mortar and Portland cement next the stone floor; to give the stained walls above basement ample time to dry out thoroughly and then to wash, tint, and decorate them to match as may be required. Most of those spots will probably disappear without leaving any obtrusive stains.

Any defective heating or ventilation of the building is due to two causes:

1. The Powers Regulating Company put in an air compressor, driven by a steam cylinder, to supply compressed air for actuating the apparatus, which the thermostats in the different rooms merely serve to control. This compressed air moved the mixing dampers in the air ducts, in order to change the temperature of the air supplied to the different rooms. This compressor was run by steam taken from the pipe supplying the steam engine by which the fan was driven, and this steam was supplied at a pressure of from 15 to 20 pounds per square inch. This steam engine was taken out during the past summer and replaced by an electric motor, so that steam has since been supplied to Library Hall for heating purposes only, and at a pressure of but a few pounds per square inch, not sufficient to run the air compressor, which has therefore not been used, so that it was impossible for the temperature regulating apparatus to act. Some complaints have been made in regard to the overheating of rooms, and the fixed dampers in the pipes have been used to control the supply of air to some rooms. Pulleys were also placed on the motor and countershafts, reducing the speed of the fan from about 150 revolutions per minute, as intended by the contractors for the heating and ventilating apparatus, to 75 revolutions, so that probably about two-thirds as much air has been supplied for ventilating purposes as was required by the architects and intended by the contractors. But we have heard no complaints of insufficient ventilation, only of excess of heat in some cases.

To obviate this difficulty Professor Breckenridge will submit a plan for piping compressed air to the Chemical, Natural History, Engineering, and Library Halls from an air compressor already ordered, which is to be located in Engineering Laboratory. This will supply air to about 80 pounds pressure to the square inch, and this pipe can be directly connected to the air pipes in

Library Hall by putting in a special reducing valve to reduce this air pressure to 15 or 20 pounds, as designed for actuating the regulating apparatus. The steam air compressor now in Library Hall can then be removed to Engineering Laboratory, for whatever use it may be required. We believe this to be the best plan, on account of the need for using compressed air in different departments of the University, and that the temperature regulating apparatus will then act as intended. After this is done we recommend that the fan be run at full speed of 150 revolutions per minute during the entire time that the Library Building is in use, without regard to external temperature.

Very respectfully submitted,

N. CLIFFORD RICKER,  
JAMES M. WHITE,  
NELSON S. SPENCER.

Referred to Committee on Buildings and Grounds.

2. A letter from Professor Rhoades asking that ladies in faculty families be allowed to attend classes and use pictures, models, etc., for sketching, without registering or the payment of fees. This is a matter which has heretofore been presented to the officers of the University. The object sought is instruction. The decision has always been that all instruction must be subject to the regulations. It is impossible to draw the line elsewhere. I recommend that the request be not granted.

On motion of Mr. McLean, the request was denied.

3. I recommend that authority be given to import chemical materials to the extent of \$1,500, and materials for the botanical laboratory to the extent of \$60, the same to be charged to next year's accounts.

Authority given on motion of Mr. McLean.

4. I transmit an application from Dean Kinley for an appropriation of \$100 to bear the necessary expenses of an investigation of the relation of agricultural prices and products and the development of agriculture to the growth of the use of agricultural machinery, and I recommend that the application be granted.

Appropriation made on motion of Mr. Armstrong.

5. I transmit a communication from the director of the Library School recommending that after this year the same fees be charged in this School as in the School of Law, and that it be thus put upon a strictly professional basis, I concur in this recommendation and advise its adoption.

Referred to Committee on Instruction.

6. I transmit for your information a letter from Dr. A. C. True, U. S. director of agricultural experiment stations, commenting upon the work of Professor Grindley touching the investigations of foods and the nutrition of man, which our chemical department has been carrying on in connection with Dr. True and his special agent, Dr. W. O. Atwater, and also letters from Professors Palmer and Grindley upon the same subject. It is desired that we shall pursue a liberal policy in this regard. I think this wise and have already advised Dr. True to that effect; and I recommend an appropriation of \$300 to aid the work and coöperate with the U. S. Department of Agriculture in the matter.

Referred to Committee on Instruction.

7. I transmit notice from the General Faculty of their action recommending the division of the University year into two semesters instead of three terms. There is yet some uncertainty in the Council of Administration and the Faculty upon this matter. Two heads of departments have been directed to prepare schedules of work upon the proposed plan, and the ultimate conclusion as to the advisability of the change will depend upon the results reached. I therefore recommend that the matter be referred to the Committee on Instruction, with power to act upon this or any other changes in the catalogue requiring the action of the Board of Trustees.

Referred to the Committee on Instruction with directions to confer with the Council of Administration and report to the next meeting of the board.

8. I transmit a communication from Professor Forbes, the director of the State Laboratory of Natural History, announcing the resignation of Mr. Ernest Forbes as entomological assistant and the appointment of Mr. James A. Dewey, Mr. R. W. Braucher, and Mr. H. O. Woodworth, at \$60 per month, to positions in the Laboratory, with the understanding that their appointment shall not continue beyond the time when funds are available for their compensation. I recommend approval of this action.

Resignation accepted and appointments made as advised on motion of Mr. McLean.

9. I transmit an application from Mr. J. C. Harrower, an officer who served two terms in the University battalion last year, but was unable to serve the third term because of illness, for the remission of his term fees for said two terms, and recommend that it be granted.

Application granted.

10. I present resolutions of the Southern Illinois Educational Association, and a petition from teachers in Southern Illinois for vacation work at the University. The whole matter of summer work at the University has been much discussed by the General Faculty. Some months ago a committee was appointed to take the matter up, and it has done so very thoroughly and reported, recommending the adoption of two resolutions: (a) one to the effect that the Faculty does not favor a summer term of the University; and (b) one to the effect that any department desiring to run in whole or in part in the summer vacation shall present the matter to the authorities of the University. These recommendations were unanimously adopted by the Faculty, and I think they leave the matter in the right shape, and advise that they be approved by the Board.

Referred to Committee on Instruction.

11. I present a communication from Professor Breckenridge asking the appropriation of \$130 for laying a compressed air main from the heating station to the large buildings on the south side of the campus; and that \$50 be appropriated for additional coal bins at the heating station, and recommend that the request be granted. Also a letter from Professor Breckenridge asking for an appropriation of \$150 for each of the remaining terms of the year, for the expenses of laboratory work in the mechanical engineering laboratory. I recommend that the sum of \$150 be appropriated for the purpose named during the winter term.

Appropriation of \$150 for laboratory expenses for winter term made; other matters presented in this communication referred to Committee on Buildings and Grounds.

#### AGRICULTURAL EXPERIMENT STATION.

12. I present the minutes of the meeting of Advisory Board of the Agricultural Experiment Station, held December 8, 1898, and also the report of the director for the current quarter and his estimates of appropriations for the coming one. I recommend the approval thereof.

Minutes received for record, and appropriations made as per estimates.

MEETING OF THE ADVISORY BOARD OF THE AGRICULTURAL EXPERIMENT STATION, UNIVERSITY OF ILLINOIS HELD DECEMBER 8, 1898.

Meeting was called to order at 3:15 p. m., by President Burrill; present Messrs. Burrill, Raymond, Morrison, Forbes, and Davenport; absent, Messrs. Gurler, Barber, and Riehl.

Minutes of the previous meeting were read and approved, after attaching an amendment explaining the absence of Mr. Morrison at the last meeting of the Board.

The following resolution was introduced by Mr. Morrison, and adopted by the Board:

*Resolved*, That this Station continue its work in Southern Illinois; that the Director be empowered to procure a suitable piece of land, not less than 10 acres, if the same can be had at a reasonable rental, for such experimental work; that experiments be made in fertilization, rotation of crops, cultivation of grasses, drainage, and irrigation, and in such other lines as the Director and this Board may deem advisable; that the rental of land mentioned shall be for a term of not less than five years, so that intelligent experimental work may be done.

The Director's report with estimates for the coming quarter was read and adopted by a unanimous vote.

In connection with the paragraph in the report relating to State aid for experimentation the following resolution was adopted.

*Resolved*, That the advisory board endorses the idea of a State appropriation for the study of special agricultural problems of the State, and believes that the sum of \$10,000 should be appropriated by the State to be divided equally between the study of the peculiar soils of Illinois and the benefit of her horticultural interests, the same to be expended under the direction of the Agricultural Experiment Station.

The following resolution was adopted by a vote of three in the affirmative and none in the negative:

*Resolved*, That the advisory board recognizes the great service rendered agricultural interests at the University by Mr. Morrison and Mr. Raymond, and that it notes with deep regret the expiration of their term of office, and that our pleasant official relations are about to be severed.

Adjourned.

Respectfully submitted,

E. DAVENPORT, *Director*.

#### AGRICULTURAL EXPERIMENT STATION—ESTIMATES.

QUARTER ENDING MARCH 31, 1899.	
From general fund—	
Salaries.....	\$1,815 00
Labor.....	675 00
Publications.....	500 00
Postage and stationery.....	30 00
Freight and express.....	30 00
Heat, light, and water.....	60 00
Chemical supplies.....	50 00
Seeds, plants, and sundry supplies.....	100 00
Feeding stuffs.....	200 00
Library.....	75 00
Tools, implements and machinery.....	45 00
Furniture and fixtures.....	20 00
Traveling expenses.....	75 00
Contingent.....	50 00
Buildings and repairs.....	25 00
Total.....	\$3,750 00
From farm fund—	
Labor.....	\$380 00
Seeds, plants, and sundry supplies.....	250 00
Total.....	\$630 00
Importation order—	
Chemical apparatus.....	\$200 00
(To be paid for out of the appropriations for quarter ending September 30, 1899.)	

13. I transmit a communication from Professor Forbes touching appropriations for the State Laboratory of Natural History and the State Entomologist, and also referring to future action of the Board in relation to the Laboratory. The suggestions made have my general approval, but I advise that Professor Forbes be invited to appear before the Board that the whole matter may be fully discussed.

It was voted that Professor Forbes be invited to appear before the Board at 3 o'clock in the afternoon.

14. At the June meeting of the Board a Mr. Klotz, of Cornell Law School, was appointed to a fellowship in our School of Law, with the understanding that he should carry the work in domestic relations and perhaps one other light course. When the time came he declined the position, although he had previously accepted it. This creates the necessity for some additional assistance during the winter and spring terms. The faculty of the School of Law is carrying all the work it well can. Some adjustment will have to be made about the matter. Professor Tooke might do the work, but he has about all he can do, and if he is asked to do this it will be but reasonable that some special compensation be made to him. I recommend that the President be authorized to arrange the matter as he shall find best, and that the sum of \$200 be appropriated to meet any expense involved.

Recommendation approved and appropriation made on motion of Mr. Smith.

15. Miss Agnes Cook, an instructor in the department of rhetoric, has been ill for several weeks. Although now recovering, she is unable to re-enter upon her work and is likely to be so for some weeks to come. Miss Bertha Pillsbury is filling the place temporarily and acceptably. Leave of absence for Miss Cook, without pay, is asked and the approval of the employment of Miss Pillsbury to carry her work is recommended.

Leave of absence granted and recommendation adopted.

16. I transmit a communication from several professors in the University, respecting the pavement of Mathews avenue on the east side of the University campus, from Green street to California avenue. It is said that a majority of the individual property owners interested are in favor of the improvement, and the city desires to know the wishes of the University in the matter. I recommend that the city be advised that the University favors the improvement, and that, if an ordinance be passed to do the work, the University will apply for an appropriation to cover its share of the expense.

Recommendation adopted.

17. I present herewith a letter from the Dean of the College of Agriculture, concerning university membership in stock breeders' associations with a view to greater economy in securing the registering of our own stock, and also with a view to securing their publications free of cost. I recommend that the Dean be authorized to take such membership in three of the associations on behalf of the University, and that the expense be paid from the fund appropriated for incidental expenses of the College of Agriculture.

The same communication states that the rent is due on lands in southern Illinois leased for experimental purposes. The amount is \$35. I recommend that an appropriation be made to cover this amount.

Recommendations both adopted and appropriation of \$35 for the second made on motion of Mr. Smith.



## THE PRESIDENT'S OFFICIAL DUTIES AND HIS RELATIONS WITH THE BOARD OF TRUSTEES.

*To the Board of Trustees.*

I desire to make known to the Board my approval of the terms in which, at a meeting held in Springfield on September 30th, and at which I was not present, the board defined the functions of the members of the board of Trustees and President of the University in relation to each other and to the business of the University; and also to return to the Board my most grateful acknowledgements of the generous way in which you expressed approval of my administration of the high office of President of the University.

Perhaps I might very well say no more in this connection, and yet the cordiality of the action referred to, reinforced as it has been by so many personal assurances, gives rise to the impulse to add a few words.

The principles laid down by you concerning the relative functions of the Board and the President are fundamental and vital to sound administration and healthful progress. But I have lived long enough and have had enough experience in administration to know how inadequate written declarations of principles are to supply the place of mutual regard among people charged with the care and development of a great public enterprise. In the wise administration of a university there must be openness, directness, and sincerity; with no secrets, no favoritism, and no vindictiveness; there must be mutual helpfulness, and, withal, much patience and charity of opinion. The very essence of success is enthusiastic coöperation, and this is not possible in a large organization without responsibility which is defined, and without prerogatives which are recognized and sustained. Within its legitimate limits official action must be free and independent, or it has no point. In no other way can the deficiencies of administration be located or the credit be properly bestowed. Without fixing responsibility there is no real life in official work, and without giving credit where it is earned there is no heart in it.

The duties which devolve upon the president of a university are many and delicate, unceasing and always multiplying. They can not be defined, but may be indicated. He must work agreeably with the trustees to establish wise policies; he becomes the executive officer of the board in the larger part and the most delicate part of university operations; he must initiate steps both to purge and reinforce the faculty, see that they conform to the requirements of an exacting service and are efficient and progressive in their teaching; he must coöperate with parents and lead and inspire students; he must relate all the parts of the diverse whole into an harmonious unity, and yet see that equal justice is done to all the interests and all persons concerned; he must seek to move forward; if he is behind the university sentiment, he is of small account, but he can go forward no faster than he can carry the university sentiment with him, for he can not disregard well fixed opinions or rudely trample upon cherished traditions or long established usage; he must have regard for the feelings of the students of other days, and he must conform in reasonable measure to the common sentiments of the natural constituents of the university; he must cultivate the public, and he must do all he can to stimulate resources; he must endeavor to meet the demands, he must avoid waste, and he must make sure that the financial balance is on the right side. All this can be accomplished only by very carefully seeking to know what is right and at the same time expedient, and then by adhering to it unwaveringly. It is altogether too much to hope that all will agree with him; but he must move steadily along the line of right as he sees it, whether they agree with him or not. He can not surrender the prerogatives which inhere in his high office by the best usage of the world without courting failure; and he can not be indifferent to cordial relations with all associated with him in responsibility without deserving it.

The difficulties are not less in an institution which is in its earlier years and rapidly growing; where the trustees change all too frequently and practices are yet to be thoroughly established; where the faculty is largely composed of young people whose sentiments and ways are yet to be brought to something like a uniform standard; and where even the work is yet to be co-

ordinated and carried forward to a point where it can successfully compete with that of older and stronger rivals. There can be no substantial success in all this by copying others, and yet there can be none without a full knowledge of what the world has done. Capricious action, doing things without full knowledge of all the surrounding conditions, and without full consideration for all the related interests, breeds trouble and arrests development.

We have been saying much lately about the foundation work connected with the organization of this institution. We have not said more than the facts warrant. But we may properly appreciate that it has remained to recent years and for us and our associates to develop a true university. To do it well and completely requires work of a very high order, the enthusiastic co-operation of many people, with energy and moderation, with nerve and conciliation, with dignity and cordiality, well balanced.

In such a great work as this an individual standing alone is helpless. Your commendation of my administration is to me the best support and the best compensation you can give me. No higher could come from any source, unless directly from the great people whom we all represent. I came here without experience in such work and needing your generosity. I have had it in very large measure. It has been a great satisfaction to me. With all of the responsibilities and anxieties incident to my position, life here has its pleasures and labor its compensations. I esteem myself fortunate that I and those nearest to me may be associated with so many young people at the college age, and that we may have a part in the upbuilding of a university with the great promise which we all believe is before this one. At a time in life and in circumstances which justify me in following my own inclinations in reasonable measure, I am, in the confidence of the approval of my work by the governing Board, as happy here as I could be anywhere, for I believe that as interesting and far-reaching educational work is to be done here as anywhere on earth. And your words of commendation shall be a new incentive to dwell in harmony with you and with all of our associates, and to put forth yet greater efforts for the highest and strongest development of the great interests in our hands.

A. S. DRAPER.

On motion of Mr. Smith, the Board declared itself to be in hearty sympathy with the views expressed by President Draper in the foregoing paper and pledged to him its hearty cooperation, and it was ordered that the paper be made a part of the minutes of the meeting.

On motion of Mr. Bullard, the Board adjourned to 2:30 p. m.

#### AFTERNOON SESSION.

When the Board met pursuant to adjournment the same members were present as in the morning.

A committee of gentlemen from the Illinois Farmers' Institute Association, Mr. Amos F. Moore, of Polo, President, and Messrs. S. Noble King, of Bloomington, A. P. Grout, of Winchester, and Chas. F. Mills, of Springfield, were heard in advocacy of the Board's asking of the Legislature an appropriation for an agricultural building and its furnishing, so as greatly to enlarge the equipment and facilities of the University for instruction in various lines of agriculture, special reference being had to dairying, horticulture, and stock raising. The gentlemen were told that the Board was heartily in favor of the proposition, and had already decided to ask the Legislature to appropriate \$150,000 for said building and fittings and furnishings.

It was also urged by members of the Board, and promised by the visiting gentlemen, that the Illinois Farmers' Institute Association

and its branches in the several counties of the State should, severally and collectively, lend their aid in securing the appropriation.

Mr. A. E. Ebert, of Chicago, representing the Advisory Board of the School of Pharmacy, being present by invitation, made a statement with regard to the desirability of providing the School of Pharmacy with a building suitably equipped, at as early a date as possible.

A resolution which had been handed to Mr. Raymond by the committee from the Illinois Farmers' Institute Association was, by him, presented.

*Resolved*, That one-third of the money received by the University of Illinois and appropriated by the acts of Congress for the more perfect endowment and support of the colleges for the benefit of agriculture and mechanic arts be, and is hereby set apart for technical instruction in agriculture, and that such division of said fund shall be made available, from and after this date, for the purpose named in this resolution.

Mr. Bullard moved to refer the resolution to the Finance Committee. The motion was lost on the following vote: Yeas, Messrs. Armstrong, Bullard, and Smith; nays, Messrs. Freeman, Morrison, Raymond, McLean and McKay, and Mrs. Flower and Mrs. Carriel.

Upon motion of Mr. Raymond, the resolution was then referred to the Committee on Instruction.

Communications from members of the Faculty concerning a summer school were presented by President Draper and referred to the Committee on Instruction.

Communications from the Superintendent of Buildings and Grounds with reference to improvements on University grounds were presented by President Draper and referred to the Committee on Buildings and Grounds.

Plans and specifications for a chemical laboratory, prepared by Professor Palmer, were presented by President Draper and referred to the Committee on Legislative Askings.

It was ordered that judgment and costs and attorney's fees in the Bruner matter should be paid, and an appropriation of \$450.00, or so much thereof as might be needed, was made therefor.

Mr. Raymond, to whom the matter had been referred (see page 121), reported that the cost of drainage in the forestry plantation would be about \$175.00. An appropriation of this amount was made to be expended under the direction of the Committee on Agriculture.

#### MINNESOTA LANDS.

Mr. Raymond presented the following report from the special committee on Minnesota lands:

URBANA, ILL., December 13, 1898.

*To the Honorable President and Board of Trustees of the University of Illinois.*

GENTLEMEN:—Your committee which was instructed to visit the Minnesota lands, begs leave to make the following report:

The lands held by the University of Illinois, located in Minnesota, 12,897.96 acres in all, must be considered as two distinct groups having different soils, subsoils, and different possibilities for drainage.

The first group consists of 5,606.73 acres in Pope county. The second group of 4,712.93 acres in Kandiyohi county and 2,578.30 acres in Renville county. The land comprised in the second group lies about fifty miles south of that in the first.

The first group lies in the southeastern part of Pope county, near Brooton, a thriving village of 250 inhabitants, on the Minneapolis, St. Paul and Sault St. Marie R. R., 110 miles west of Minneapolis. It is all prairie land, subsoil sand or gravel, which on many of the ridges comes almost to the surface. There are no water courses and there is no opportunity for drainage.

There are many small lakes in this part of the country, several of which are on University land. Hans J. Kjos is an agent for the University in this county. He seems to be an efficient man for the place. Your committee visited every quarter section of this group and made field notes, which are contained in a note book which, for convenience, we will call paper B of this report.

Many tracts of this land have been sold, and after a number of years have been taken back by the University. This accounts for the amount of cultivated land, about 1,300 acres.

The plowed land is rented at \$1.50 an acre, and on the wild land the hay is sold at \$5.00 per 40 acres. Quite a good deal of land in this vicinity has been taken on mortgages by loan companies, and is now offered for sale on very easy terms.

Your committee does not favor plowing any more of this land than has already been cultivated, but recommends selling it at from \$8.00 to \$15.00 an acre. This year wheat, which is their great crop, averaged about twelve bushels an acre.

Second Group—Kandiyohi county, Minnesota, lies north of Renville county, and the university land in these counties is scattered along the boundary line, some north and some south of it, for a distance of twenty miles or more. From Willmar, the county seat of Kandiyohi county, it is nine miles south to the nearest tract of our land.

Willmar is a good town of three thousand inhabitants, five elevators, many good business houses and a general appearance of thrift. It is situated on the Great Northern R. R.

Renville, Olivia, and Bird Island, are towns in Renville county, on the C., M. & St. P. R. R. Renville is 104 miles west of Minneapolis. Renville and Olivia are exceptionally thifty towns of about fifteen hundred inhabitants. They control the trade of a great scope of country and furnish a market on the south for the country in which our lands are located, and are distant about twelve and eight miles respectively from the nearest tracts. Other lines of railroad have been projected, which, if built, would probably form a junction on our land; but at present there is no prospect of their completion.

These lands have a good rich soil of considerable depth, with clay sub-soil, and are capable under proper treatment of producing good crops for an indefinite time. The average yield of wheat in this vicinity is 17 bushels an acre. At the time we were there wheat was selling at 55 cents a bushel.

The land in these counties is on the sections having even numbers, and in most cases improvements come close to our lines. There will doubtless be a demand for our lands as additions to farms already occupied.

A drainage district has been formed and taxes levied against our land in one case which amount to \$772.84, one-tenth of this being due December 1, 1898, the rest in nine annual payments including interest.

This land is much more susceptible of drainage than that in Pope county, and in many instances land which is now marked wet in our report could be drained and would then become tillable.

School houses have been built and we see no reason why this should not become a rich farming country. Your committee visited all but five of the quarter sections of this group; and, as there was a general similarity in the land, it was not deemed necessary to spend another day to inspect those.

In this group, on the field notes, the forties were marked 1, 2, 3, or 4; 1, being good land; 4, wet or otherwise poor, and 2 and 3 of medium quality. In all cases where it made any material difference how the quarters should be divided, if sold in eighties, the proper division was indicated. Our agents have been holding these lands at \$15.00 per acre, and of that sold very little has come back. Although this price is rather above that of other unimproved lands near here, we see no reason to reduce it.

We find that the various reports given by Professor Shattuck and Mr. Pillsbury in regard to our lands have been carefully made and are substantially confirmed by this report, except where conditions have changed.

When land is sold we would demand a cash payment of 25 per cent of the purchase price, and would give a much time as desired for the balance, so long as interest and taxes are kept paid up.

Rents at \$1.50 per acre for plowed land and \$5.00 per 40 acres for hay or pasture, we consider fair to all concerned. We recommend that actual settlers be given the preference in all cases where sales are to be made.

This country is inhabited mostly by Scandinavians, Hollanders and Bohemians.

The committee found the assistance of Mr. Pillsbury invaluable in finding locations and corners, when the houses were far apart. His former experience in looking over the land added much to a satisfactory inspection.

Respectfully submitted,

ISAAC S. RAYMOND,  
ALEXANDER McLEAN,  
*Committee.*

The report was received and its recommendations adopted.

It was ordered that the field notes and maps referred to should be deposited with the Secretary of the Board.

A motion made by Mr. Smith to withdraw all the Minnesota lands from sale until further order by the Board was defeated by the following vote: Yeas, Messrs. Bullard, Smith, McKay and Mrs. Carriel; nays, Messrs. Morrison, Armstrong, Raymond, McLean and Mrs. Flower.

On motion of Mr. McLean it was ordered that President Draper's bill, which had been approved by the Finance Committee, for expenses from June 13 to November 15, 1898, amounting to \$45.02, be paid and an appropriation therefor was made.

The Board then adjourned to meet at 10 o'clock, Wednesday morning.

#### SESSION OF WEDNESDAY, DECEMBER 14, 1898.

When the Board met pursuant to adjournment the same members were present as at the sessions of Tuesday except Messrs. Freeman and McKay.

Mr. McLean was made Chairman.

The Finance Committee made the following report.

#### FINANCE COMMITTEE'S REPORT.

URBANA, Dec. 14, 1898.

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

GENTLEMEN: Your Finance Committee begs leave to report that it has examined vouchers submitted by the business manager on which warrants have been issued as follows: General University warrants Nos. 1 to 550, inclusive,

amounting to \$99,397.80; Agricultural Experiment Station warrants Nos. 1 to 100, inclusive, amounting to \$4,809.52; State Laboratory of Natural History warrants Nos. 1 to 87, inclusive, amounting to \$3,091.35; School of Pharmacy warrants Nos. 1 to 11, inclusive, amounting to \$674.29, and School of Medicine warrants Nos. 1 to 107, inclusive, amounting to \$5,205.56 (being a total as represented by above warrants of \$113,178.52.)

We have also examined the report of the Treasurer of the University for the quarter ending September 30, 1898, and have found that receipts for the quarter, together with the balance on hand at the beginning of the quarter, amount to \$209,434.26; that the amount paid out by the Treasurer on warrants during the quarter, as set forth in his report, was \$107,654.98, including overdrafts on funds of the School of Pharmacy; and that the balance of all funds on hand amounted to \$101,779.28 on September 30, 1898.

We submit herewith the report of the Treasurer and ask that it be made a part of this, our report, as well as a part of the record.

Respectfully submitted,

ALEXANDER MCLEAN,  
ISAAC S. RAYMOND,  
THOMAS J. SMITH,  
*Finance Committee.*

#### TREASURER'S REPORT.

*E. G. Keith, Treasurer, in account with the University of Illinois, September 30, 1898.*

1898.		DR.		
June 30	Balance.....			\$23,044 20
July 11	From U. S. Treasurer for Agricultural Experiment Station fund.....			
July 25	From Treasurer State of Illinois for general fund.....		\$3,750 00	
July 25	From Treasurer State of Illinois for Laboratory of Natural History fund.....		145,769 07	
July 30	From S. W. Shattuck, paid warrants for general fund.....		11,000 00	
July 30	From S. W. Shattuck, paid warrants for Agricultural Experiment Station fund.....		2,087 61	
July 30	From Treasurer State of Illinois account of Central Heating Plant for general fund.....		731 80	
Aug. 4	From Treasurer State of Illinois for general fund.....		15,000 00	
Aug. 31	From S. W. Shattuck for School of Medicine fund.....		1,000 00	
Aug. 31	From S. W. Shattuck, paid warrants for general fund.....		2,000 00	
Aug. 31	From S. W. Shattuck, paid warrants for Agricultural Experiment Station fund.....		1,911 43	
Sept. 30	From S. W. Shattuck for credit of general fund.....		676 00	
Sept. 30	From S. W. Shattuck, paid warrants for credit of Agricultural Experiment Station fund.....		2,000 00	
			464 15	
				186,390 06
				<u>\$209,434 26</u>
1898.		CR.		
Sept. 30	By amount paid out of general fund as per list of warrants herewith.....		\$93,872 47	
Sept. 30	By amount paid out of Agricultural Experiment Station fund as per list of warrants herewith.....		5,162 78	
Sept. 30	By amount paid out of Laboratory of Natural History fund as per list of warrants herewith.....		3,319 37	
Sept. 30	By amount paid out of School of Pharmacy fund as per list warrants herewith.....		921 37	
Sept. 30	By amount paid out of School of Medicine fund as per list warrants herewith.....		4,378 99	
				107,654 98
	<i>Balances—</i>			
	General fund.....		\$91,630 02	
	Agricultural Experiment Station fund.....		2,141 19	
	Laboratory of Natural History fund.....		10,617 26	
	School of Medicine fund.....		1,037 21	
			\$105,425 68	
	School of Pharmacy fund (overdrawn).....		3,646 40	
				101,779 28
				<u>\$209,434 26</u>

Respectfully submitted,

E. G. KEITH, *Treasurer.*

Mr. Smith offered the following resolution which was adopted:

*Resolved*, That Messrs. McKay and McLean be appointed a special committee to examine personally the records and books in the hands of the Treasurer of this University and to satisfy themselves in such manner as they may deem proper that he has on hand the funds belonging to the University, and report their action to this Board at its next meeting.

Mr. Bullard, from the Committee on Buildings and Grounds, to which the matter had been referred (see page 139), reported recommending an appropriation of \$130.00 for laying a compressed air main from the Heating Station to the large buildings on the south side of the campus, and one of \$50.00 for additional coal bins; also an appropriation of \$50.00 for steps and bench in switchboard room and cases for the electric light plant. The recommendation of the Committee was approved.

Mr. Bullard also reported from the Committee on Buildings and Grounds in the matter of heating, ventilation, etc., of the Library Building, which had been referred to the committee, that the committee recommend that Messrs. Ricker, White and Spencer continue their observations especially with reference to the wall stains, and, if they find the stains do not disappear, make all necessary investigations to ascertain their causes and report to the Board.

Mr. Bullard from the same committee recommended the payment of \$331.25 to Professor Breckenridge, in full (in addition to previous payments) for services rendered in the construction of the Central Heating plant; and of \$40.00 to Professor Temple for plans and specifications for the new Experiment Station barn.

The recommendations were approved and the appropriations were made.

#### LEGISLATIVE APPROPRIATIONS.

The committee on legislative appropriations made the following report:

*To the Board of Trustees.*

The committee on application to the Legislature for University appropriations recommends the following:

1st. That the Legislature be asked to include in the "General Appropriation Bill" an amount sufficient to meet the interest on our endowment for two years beginning July 1, 1899, as provided by act of 1897 referring thereto.

2d. That a special bill be introduced to correct the error in the act of 1897 referring to the endowment, by reason of which the interest has not been paid for several months immediately following the loss of the funds.

3d. That an appropriation be asked for \$4,166.61 to reimburse the funds for the amount paid to repair the damage to the Natural History Building caused by lightning and fire in June, 1897.

4th. That appropriations be asked for additions to plant as follows:

Agricultural building and appurtenances.....	\$150,000
Woman's building.....	80,000
Chemical laboratory.....	135,000
For purchase of additional land.....	12,000
For a water plant.....	10,000
For furnishing electrical building.....	1,000
For remodeling chemical laboratory.....	15,000
Total.....	\$403,000

5th. That appropriations for operating expenses be asked for, per year, as follows:

Taxes on Minnesota lands.....	\$2,000
Materials for shop practice.....	2,000
Additions to apparatus and appliances.....	3,000
Increase of cabinets.....	1,000
Fire protection.....	1,000
Maintenance of buildings and grounds.....	5,000
Maintenance of vaccine laboratory.....	1,200
Apparatus at Astronomical Observatory.....	5,000
Accessions to library.....	15,000
Extensions of engineering equipment.....	15,000
Salaries for instruction and administration.....	140,000
For pavements.....	6,000
For carrying on water analysis.....	5,000
Total.....	\$201,200

A. S. DRAPER,  
ALEX. McLEAN,  
JAMES E. ARMSTRONG,  
*Committee.*

On motion of Mr. Armstrong the recommendation of the committee was adopted.

On motion of Mrs. Flower, President Draper was asked to draft the necessary bills.

The Committee on Instruction made the following report and the report was adopted. The appropriation of \$300 for the Preparatory School was made.

#### REPORT OF THE COMMITTEE ON INSTRUCTION.

URBANA, ILL., December 14, 1898.

*To the Board of Trustees.*

GENTLEMEN:—Your Committee on Instruction reports as follows:

1. As the School of Pharmacy is now conducted, there is no one in charge of the administrative affairs in regular and constant attendance, except the secretary of the Faculty. The Dean of the Faculty, having some other business to occupy his time, is not in attendance but about three days in a week. Without wishing to express any disparagement of the efficiency of the present Dean, we believe the interests of the school demand the full time of a strong and competent head, and would therefore recommend that the Board direct President Draper to secure a competent man for that position for the coming college year.

2. That the Board deems it important to introduce into the University courses work in oratory or expression, and that an instructor in such work be added to the department of rhetoric at the beginning of the next year, and that the name of said department be changed to that of rhetoric and oratory.

3. We recommend an appropriation of \$300.00 for the purchase of apparatus and increase of facilities for laboratory work in the Preparatory School.



4. Several years ago the board voted to make the maximum salary paid to full professors \$2,500 a year, the action being as follows (p. 256 report of 1894):

#### CLASSIFICATION AND SALARIES OF FACULTY.

URBANA, ILL., March 14, 1894.

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

GENTLEMEN:—Your Committee on Instruction reports the following schedule for the classification and salaries of members of the faculty:

1. The titles to be professor, associate professor, assistant professor, instructor, and assistant.

2. That the deans of the colleges shall be elected annually by the Board of Trustees.

3. That the salaries be respectively: Deans, \$2,000, with an annual increase of \$100 to \$2,500; professors, \$1,800, with an annual increase of \$100 to \$2,250; associate professors, \$1,600, with an annual increase of \$50 to \$2,000; assistant professors, \$1,200, with an annual increase of \$50 to \$1,800; instructors, \$800, with an annual increase of \$50 to \$1,200; assistants, \$600, with an annual increase of \$50 to \$800; fellows, \$400 a year.

4. That no promotion from rank to rank, and no increase of pay by reason of years of service shall be made except by a specific vote of the board of trustees.

Respectfully submitted,

J. E. ARMSTRONG,  
HENRY RAAB,

*Committee on Instruction.*

So far, the needs of the University for additional instruction have prevented making any material advance toward this figure. The standing of our men, and the rank of our University demand that we should advance the salaries of our leading men as fast as possible to that limit. We therefore strongly urge that provision be made in our legislative askings, so that such advances shall be made in maximum salaries for the coming year as the President and the Board may determine.

5. We would recommend that an additional instructor be employed for the School of Music, so that a more thorough and complete course may be offered the coming year. As to the teaching of sight-reading, it seems to your committee that it would not be necessary or advisable to open a distinct department for this work; but if an additional instructor were employed, some special classes might be conducted during one term of the year, if a sufficient number of students demand it.

Respectfully submitted,

J. E. ARMSTRONG,  
S. A. BULLARD,  
THOS. J. SMITH.

*Committee on Instruction.*

Mr. Morrison offered the following resolution which was adopted:

*Resolved*, That President Draper and Mr. Bullard be appointed a committee to present our claims before the legislature, and that they be authorized, whenever they desire additional help in this matter, to call upon those who they may deem able to assist them.

The Committee on Instruction made the following report, and the report was adopted and \$500.00 appropriated as recommended:

URBANA, ILLINOIS, December 14, 1898.

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

GENTLEMEN:—Your committee to which was referred a request from the department of chemistry asking for an appropriation of \$500.00 for the purpose of investigating the cost and nutritive value of food respectfully recommends the adoption of the report and the appropriation thereby called for.

Respectfully submitted,

J. E. ARMSTRONG,  
S. A. BULLARD,  
T. J. SMITH,

*Committee on Instruction.*

Mr. Armstrong also reported from the Committee on Instruction recommending that the fees in the Library School be made the same, as in the Law School and upon this recommendation no action was taken.

#### COAL TESTS.

Mr. Morrison, to whom was referred the "Report on Tests of Illinois Coals" recently submitted by the departments of applied chemistry and mechanical engineering, offered the following resolution which was adopted:

*Resolved*, That in consideration of the care and completeness with which this report is made, and on account of its undoubted value to the commercial and industrial interests of the State, this report be published by the University and sent out as a bulletin from the departments of applied chemistry and mechanical engineering and that funds be appropriated for this purpose as may be necessary.

Also that the report be returned to the departments interested for such revision and arrangement as may be deemed necessary for publication.

Mr. Morrison offered the following resolution which was adopted:

In consideration of the fact that the coal industry of the State of Illinois stands at the front of all its vast and extended resources, and further considering the close relation between the manufacturing, commercial, railway and municipal interests of the State and this important industry, I take great pleasure in submitting for your approval the following resolution:

*Resolved*, That the departments of applied chemistry and mechanical engineering be instructed to continue the investigations and tests of Illinois coals along lines already begun and in such other lines as may be deemed of value to the commercial and economic interests of the State, and that we do hereby appropriate \$\_\_\_\_\_ for the continuance of the "Tests of Illinois Coals" by these departments.

#### BUSINESS MANAGER'S REPORT.

The Business Manager presented the following report and it was received for record:

December 13, 1898.

*F. M. McKay, Esq., 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, September 30, 1898.

*Paper B* is a statement of the State appropriations, September 30, 1898.

*Paper C* is a statement of the United States fund, September 30, 1898.

*Paper D* is a statement of the Laboratory of Natural History funds, September 30, 1898.

*Paper E* is a statement of the Agricultural Experiment Station appropriations, September 30, 1898.

*Paper F* is a statement of the School of Pharmacy appropriations, September 30, 1898.

*Paper G* is a statement of the School of Medicine appropriations, September 30, 1898.

## PAPER A—CURRENT APPROPRIATIONS.

September 30, 1898.	Appropriated.	Expended.	Balance.
Board expenses.....	\$500 00	\$242 25	\$257 75
Salaries for instruction { Current .....	27,947 43	716 66	2,828 66
U. S. Fund .....		3,889 94	
State .....		20,512 17	
Salaries for services { Current.....	4,794 68	416 28	272 35
State .....		4,106 05	
Buildings and grounds.....	1,000 00	916 55	83 45
Fuel and lights .....	2,000 00	1,395 69	604 31
Stationery and printing .....	1,000 00	652 45	347 55
Preparatory School.....	775 00	775 00	
Repair shop .....	1,000 00	585 51	414 49
Mechanical department .....	500 00	36 27	463 73
Departments .....	300 00	98 28	201 72
Laboratories.....	2,000 00	885 19	1,114 81
Library and apparatus.....	50 00	24 54	25 46
Incidentals.....	800 00	399 67	400 33
<i>Sundries—</i>			
Furniture and fixtures.....	150 00	133 43	16 57
Heating apparatus.....	100 00	76 84	23 16
Heating plant.....	519 35	515 68	3 67
State Fair exhibit.....	1 55	1 55	
Remodeling men's gymnasium.....	704 14	704 14	
Commencement.....	179 75	165 50	14 25
Summer School at Biological Station.....	211 96	81 80	130 16
Interest.....	900 00	437 67	462 33
Minnesota lands.....	200 00	67 40	132 60
Corn and oats investigation.....	50 00		50 00
Water supply.....	250 00	250 00	
Winter School of Agriculture.....	14 55	14 55	
Blue print room.....	133 67	15 74	117 93
Moving to Library Hall.....	15 62	15 62	
Greenhouse.....	200 00	12 20	187 80
Library School.....	200 00		200 00
South Farm.....	204 00		204 00
	\$46,701 70	\$38,144 62	\$8,557 08

## PAPER B—STATE APPROPRIATIONS, SEPTEMBER 30, 1898.

1895-1897.	Received.	Expended.	Balance.	Assigned.
<i>Salaries, etc.—</i>				
Closed out.....	\$176,089 87	\$176,089 87		
Mechanical engineering laboratory.....	695 00	695 00		
Chemical Laboratory (repairs).....	9,180 00	9,180 00		
Law School.....	3,750 06	3,750 06		
	\$189,714 93	\$189,714 93		
<i>Apparatus and material—</i>				
Closed out.....	\$5,600 00	\$5,600 00		
Geology.....	400 00	397 79	\$2 21	\$2 21
	\$6,000 00	\$5,997 79	\$2 21	\$2 21
<i>Laboratory of Vegetable Physiology.....</i>	\$2,000 00	\$2,000 00		

## Paper B—State Appropriations—Continued.

1895-1897	Received.	Expended	Balance.	Assigned.
<i>Furnishing and fitting Engineering Hall—</i>				
Closed out.....	\$1,670 20	\$1,670 20		
Architecture.....	770 38	770 38		
Municipal and sanitary engineering.....	401 30	401 30		
Mechanical department.....	563 78	563 78		
Electrical engineering and physics.....	1,193 39	1,193 39		
College, library, etc.....	400 95	400 95		
	\$5,000 00	\$5,000 00		
<i>Cabinets—</i>				
Geology.....	\$666 67	\$652 86	\$13 81	\$13 81
Botany.....	666 66	412 51	254 15	254 15
Zoölogy.....	666 67	309 75	356 92	356 92
	\$2,600 00	\$1,375 12	\$624 88	\$624 88
1897-1899.	Received.	Expended	Balance.	Assigned.
<i>Endowment Fund Interest.....</i>	\$24,250 03	\$24,250 03		
<i>Furnishing Library Hall.....</i>	\$5,000 00	\$5,000 00		
<i>Central heating plant.....</i>	\$80,000 00	\$80,000 00		
<i>Equipment of men's gymnasium.....</i>	\$3,000 00	\$3,000 00		
<i>Salaries, etc.—</i>				
Closed out.....	\$4,400 00	\$4,400 00		
Salaries for instruction.....	68,784 02	68,784 02		
Salaries for services.....	9,900 73	9,900 73		
Accredited schools.....	1,000 00	190 00	\$810 00	\$810 00
Advertising and postage.....	5,000 00	2,438 63	2,561 37	2,561 37
Administrative offices.....	300 00		300 00	300 00
Agricultural department.....	5,156 00	4,033 62	1,122 38	1,122 38
Art and design.....	650 00	248 90	401 10	401 10
Buildings and grounds.....	7,508 38	7,489 49	19 88	19 88
Coal tests.....	150 00	145 00	5 00	5 00
College of Literature and Arts.....	250 00		250 00	250 00
Conservatory.....	5,526 92	5,526 92		
Decorating Library Hall.....	3,500 00	2,500 00	1,000 00	1,000 00
Fuel and lights.....	1,000 00	491 20	508 80	508 80
Furniture and fixtures.....	1,175 00	894 47	280 53	280 53
Heating apparatus.....	1,900 00	1,618 32	281 68	281 46
Heating plant.....	1,980 65	1,632 21	348 44	348 48
Illinois Agriculturist.....	198 40	123 40	75 00	75 00
Illinois Field.....	3,000 00		3,000 00	3,000 00
Illini.....	1,000 00	500 00	500 00	500 00
Illio.....	200 00	100 00	100 00	100 00
Law School.....	249 94	27 08	222 86	222 86
Lectures.....	500 00	36 80	463 20	463 20
Library furniture and shelving.....	500 00	220 00	280 00	280 00
Library supplies.....	750 00	517 76	232 24	232 24
Lockjaw experiment.....	50 00	23 40	26 60	26 60
Mechanical engineering shops.....	360 00	110 30	249 70	249 70
Oratorical contest.....	400 00	200 00	200 00	200 00
Preparatory School.....	500 00	28 16	471 84	471 84
Photographic equipment.....	300 00	58 28	241 72	241 72
Physical training.....	1,000 00	484 00	516 00	516 00
School of Music.....	750 00	510 26	239 74	239 74
Technograph.....	200 00	100 00	100 00	100 00
Typewriting bureau.....	250 00	199 23	50 77	50 77
Water supply.....	250 00		250 00	250 00
Woman's department.....	300 00		300 00	300 00
Unassigned.....	41,059 36		41,059 36	
	\$170,000 00	\$113,532 18	\$56,467 82	\$15,408 46

*State Appropriations—Continued.*

1897-1899.	Received.	Expended	Balance.	Assigned.
<i>Fire protection</i> .....	\$2,000 00	\$1,336 21	\$663 79	\$663 79
<i>Taxes on Minnesota Lands</i> .....	\$3,600 00	\$3,342 67	\$257 33	\$257 33
<i>Vaccine Laboratory</i> .....	\$2,400 00	\$844 30	\$1,555 61	\$1,555 61
<i>Chemical Laboratory equipment</i> .....	\$5,000 00	\$3,860 41	\$1,139 59	\$1,139 59
<i>Pavement and walks</i> .....	\$4,000 00	\$3,515 52	\$484 48	\$484 48
<i>Library</i> .....	\$15,000 00	\$6,164 27	\$8,835 73	\$8,835 73
<i>Shop practice</i> .....	\$3,000 00	\$1,201 67	\$1,798 33	\$1,798 33
<i>Water survey</i> .....	\$3,750 00	\$2,782 35	\$967 65	\$967 65
<i>Cabinets</i> .....	\$2,000 00	.....	\$2,000 00	\$2,000 00
<i>Engineering equipment—</i>				
Architecture.....	\$586 64	\$586 64	.....	.....
Civil engineering.....	500 00	322 59	\$177 41	\$177 41
Mechanical engineering.....	3,750 00	2,638 66	1,111 34	1,111 34
Physics and electrical engineering.....	3,970 29	3,970 29	.....	.....
Theoretical and applied mechanics and municipal and sanitary engineering.....	1,000 00	741 90	258 10	258 10
College (in general).....	5,193 07	3,473 49	1,719 58	1,719 58
	\$15,000 00	\$11,733 57	\$3,266 43	\$3,266 43
<i>Apparatus and materials—</i>				
Closed out.....	\$200 00	\$200 00	.....	.....
Astronomical Observatory.....	970 00	764 91	\$205 09	\$205 09
Applied chemistry.....	175 00	24 06	150 94	150 94
Botany and horticulture.....	740 00	346 79	393 21	393 21
Chemistry.....	1,000 00	416 71	583 29	583 29
Geology.....	450 00	.....	450 00	450 00
Psychology.....	350 00	156 98	193 02	193 02
Physiology.....	1,000 00	457 41	542 59	542 59
Zoölogy.....	400 00	114 21	285 79	285 79
Unassigned.....	715 00	.....	715 00	.....
	\$6,000 00	\$2,481 07	\$3,518 93	\$2,803 93

## PAPER C—UNITED STATES FUND.

Year ending June 30, 1899.	Received.	Expended	Balance.	Assigned.
<i>Salaries for instruction</i> .....	\$24,000 00	\$3,889 94	\$20,110 06	\$20,110 06

## PAPER D—LABORATORY OF NATURAL HISTORY.

1895-1897.	Received.	Expended	Balance.	Assigned.
<i>General balance, July 1, 1896</i> .....	\$253 68	\$23 58	\$230 10	\$230 10
<i>Closed out</i> .....	8,150 00	8,150 00	.....	.....
<i>Report of Entomologist</i> .....	250 00	244 22	5 78	5 78
<i>Diseases of insects</i> .....	1,500 00	1,500 00	.....	.....
	\$10,153 68	\$9,917 80	\$235 88	\$235 88

*Paper D—State Appropriations—Concluded.*

1897-1899.	Appropriated.	Expended.	Balance.	Assigned.
Salaries and assistants .....	\$8,000 00	\$5,145 19	\$2,854 81	\$2,854 81
Field, office, etc.....	3,000 00	1,902 42	1,097 58	1,097 58
Library .....	3,000 00	1,591 19	1,408 81	1,408 81
Bulletins .....	1,500 00	824 89	675 11	675 11
Report of Entomologist .....	500 00		500 00	500 00
Biological Experiment Station .....	6,000 00	3,705 11	2,294 89	2,294 89
	\$22,000 00	\$13,168 80	\$8,831 20	\$8,831 20

## PAPER E—AGRICULTURAL EXPERIMENT STATION.

1898-1899.	Appropriated.	Expended.	Balance.
<i>General Fund—</i>			
Salaries.....	\$1,831 64	\$1,831 64	
Labor.....	605 00	578 21	\$26 79
Publications .....	585 00	578 78	6 22
Postage and stationery.....	30 00	25 05	4 95
Freight and express .....	6 24	6 24	
Chemical supplies .....	1 50	1 50	
Feeding stuffs.....	110 00	66 77	43 23
Tools, implements, and machinery .....	75 00	71 76	3 24
Scientific apparatus .....	210 00	208 87	1 13
Traveling expenses.....	87 12	81 05	6 07
Contingent .....	173 50	172 99	51
Buildings and repairs.....	35 00	30 65	4 35
	\$3,750 00	\$3,653 51	\$96 49
<i>Farm Fund—</i>			
Labor.....	\$930 00	\$886 06	\$43 94
Seeds, etc .....	270 00	269 95	5
	\$1,200 00	\$1,156 01	\$43 99

## PAPER F—SCHOOL OF PHARMACY.

1898-1899.	Appropriated.	Expended.	Balance.
Salaries for services .....	\$375 00	\$375 00	
Fuel and lights .....	3 80	3 80	
Stationery and printing .....	58 36	58 36	
Incidentals .....	36 13	36 13	
Advertising .....	185 00	185 00	
Furniture and fixtures.....	16 00	16 00	
Unassigned .....	825 71		\$825 71
	\$1,500 00	674 29	\$825 71

## PAPER G—SCHOOL OF MEDICINE.

1898-1899.	Appropriated.	Expended.	Balance.
Salaries for instruction.....	\$675 00	\$675 00	
Salaries for services .....	1,537 56	1,537 56	
Buildings and grounds.....	1,139 25	1,139 25	
Fuel and lights .....	52 13	52 13	
Stationery and printing .....	146 75	146 75	
Library .....	5 00	5 00	
Apparatus and materials.....	551 42	551 42	
Incidentals.....	200 84	200 84	
Advertising.....	809 69	809 69	
Furniture and fixtures.....	87 92	87 92	
Unassigned .....	2,794 44		\$2,794 44
	\$8,000 00	\$5,205 56	\$2,794 44

*Paper H* is an estimate of receipts and expenses for the nine months ending June 30, 1899.

*Paper I* is a list of appropriations the Board is requested to make at this time.

*Paper L* is a report of receipts for the three months ending September 30, 1898.

*Paper M* is a list of general University vouchers presented for audit, being 1 to 550, inclusive.

*Paper N* is a list of Laboratory of Natural History vouchers presented for audit, being 1 to 87, inclusive.

*Paper O* is a list of the Agricultural Experiment Station vouchers presented for audit, being 1 to 100, inclusive.

*Paper P* is a list of vouchers of the School of Pharmacy presented for audit, being 1 to 25, inclusive.

PAPER L—RECEIPTS BY THE BUSINESS MANAGER FOR THE THREE MONTHS ENDING  
SEPTEMBER 30, 1898.

University fees.....	\$2,010 00	
Preparatory School fees.....	503 00	
Buildings and grounds.....	28 75	
Fuel and lights.....	67 32	
Greenhouse.....	7 25	
Repair shop.....	24	
Laboratory applied mechanics.....	5 00	
Chemical laboratory.....	17 15	
Incidentals.....	25 17	
Minnesota lands.....	28 80	
Land contracts, interest.....	400 00	
Agricultural Experiment Station.....	590 86	
School of Pharmacy.....	155 82	
School of Medicine.....	889 90	
Land contracts, principal.....		\$4,729 26
		1,060 00
		\$5,789 26

*Paper Q* is a list of School of Medicine vouchers presented for audit, being 1 to 107, inclusive.

*Paper R* is a report upon the University land contracts from April 22, 1897, to September 30, 1898.

REPORT OF UNIVERSITY LAND CONTRACTS FROM APRIL 22, 1897, TO  
SEPTEMBER 30, 1898.

The following land contracts were received from E. G. Keith, Treasurer:

No.	Name.	State.	Description.
23	James Lowe.....	Nebraska.....	N. W. 13-3-8.....
37	Walter T. Gore.....	".....	N. E. 10-2-8.....
39	John E. Blickenstaff.....	".....	S. E. 31-3-8.....
40	Joseph Dezort.....	".....	N. W. 34-3-8.....
54	Benjamin F. Leiby.....	".....	N. W. 6-2-8.....
58	Mary Muhlhause.....	".....	N. E. 3-2-8.....
61	S. A. Griswold.....	".....	N. W. 3-2-8.....
62	Ellert W. Harms.....	".....	S. W. 6-2-8.....
64	Erick Lindquist.....	Minnesota.....	S. S. 2-116-35.....
66	Joseph Cuta.....	".....	N. E. 12-116-35.....
66	Peter Larson.....	".....	S. W. 20-117-34.....
72	Dale & Roise.....	".....	S. W. 10-117-35.....
73	Olof Mattson.....	".....	N. W. 10-117-35.....
74	Berthel Pederson.....	".....	N. E. S. E. 13-124-37.....
75	S. J. Halquist.....	".....	N. W. 26-117-35.....
76	S. J. Hallquist.....	".....	S. W. 26-117-35.....
80	William Buethel.....	".....	N. E. 10-116-35.....
81	Frank Topeka.....	".....	N. W. 6-116-34.....

No.	Name.	State.	Description.
82	William R. Lemon.....	Minnesota	S. E., N. W. 18-124-36.....
83	Ludwig S. Botten.....	"	N. <sup>1</sup> / <sub>2</sub> N. W. 18-124-36.....
84	Anton Vesterud.....	"	S. W., N. W. 12-123-36.....
85	Hans Vesterud.....	"	S. W., S. E. 11-123-36.....
86	Anne Hanson.....	"	S. E., S. E. 21-124-36.....
87	Laura R. DuBois.....	"	N. W. 26-124-36.....
88	T. D. Davidson.....	"	S. E. 23-124-36.....
89	Ole Olson.....	"	N. E. 23-124-36.....
90	Andrew Skredsvig.....	"	S. W. 26-124-36.....
91	O. O. Halverson.....	"	E. <sup>1</sup> / <sub>2</sub> S. E. and N. W., S. E. 11-123-36.....
92	O. O. Halverson.....	"	E. <sup>1</sup> / <sub>2</sub> N. W. and N. W., N. W. 12-123-36.....
93	O. O. Halverson.....	"	S. <sup>1</sup> / <sub>2</sub> S. E. 2. and S. E., N. E., 11-123-36.....
94	O. O. Halverson.....	"	E. <sup>1</sup> / <sub>2</sub> N. E. 12-123-36.....
96	Henry A. Lia.....	"	S. E., N. E. 10-123-36.....
97	M. O. Batterberry.....	"	N. <sup>1</sup> / <sub>2</sub> S. E. 21-124-36.....
98	John T. Eagan.....	"	S. E., S. W. and S. W., S. E. 21-124-36.....
99	Nels Olson.....	"	W. <sup>1</sup> / <sub>2</sub> S. W. 25-124-36.....
100	O. O. Halverson.....	"	S. W., N. E. 11-123-36.....
102	Ludwig Stalman.....	"	N. E., N. E. 3-123-36.....
103	Tollef E. Natten.....	"	N. E., S. W. 21-123-36.....
104	Knudt Halverson.....	"	N. W., N. E. 3-123-36.....
106	Peter Teden.....	"	S. <sup>1</sup> / <sub>2</sub> S. E. 26-124-36.....
107	T. D. Davidson.....	"	S. W. 24-124-36.....
108	F. E. Olson.....	"	N. E. 2-123-36.....
109	Otto Monson.....	"	N. W., S. E. 4-123-36.....
110	J. F. Erickson.....	"	Pt. S. W., S. E. and N. W., S. E. 25-124-36.....
111	Per Norberg.....	"	N. <sup>1</sup> / <sub>2</sub> N. E. 8-117-34.....
112	Ole Lundquist.....	"	N. <sup>1</sup> / <sub>2</sub> N. E. 26-117-34.....
113	Peter Lundquist.....	"	S. <sup>1</sup> / <sub>2</sub> N. E. 27-117-3.....
114	Simon Larson.....	"	N. E. 34-117-33.....
115	H. M. Killeen.....	"	S. E., S. E. 31-124-36.....
116	Joseph Hollan.....	"	S. W. 6-116-34.....
117	Joseph Cuta.....	"	N. <sup>1</sup> / <sub>2</sub> S. E. 12-116-35.....

Of these contracts Nos. 37, 39, 61, 66, 74, 83 have been paid in full, the contracts returned to the University, and deeds given.

Nos. 82, 86, 87, 88, 89, 90, 91, 92, 93, 94, 96, 100, 101, 102, 104, 106, 107, 108, 110, 111, 115 have been declared void, as payments of interest are several years in arrears. Most of these contracts have been assigned to the University. Some four or five more will be declared void after January 1, 1899, if the payment of interest is delinquent three years or more.

I should be glad to know if this course is approved by the Board. I also wish instructions in those cases where the contracts are not assigned to the University when declared void.

The following named contracts have been issued since April 22, 1898:

No.	Name.	State.	Description.
118	James Spevacek.....	Minnesota	S. <sup>1</sup> / <sub>2</sub> S. E. 12-116-35.....
119	Joseph Majner.....	"	S. E., N. W. 8-116-34.....
120	Michael J. Dowling and Timothy O'Conner.....	"	S. W. 6-116-35.....
121	Michael J. Dowling and Timothy O'Conner.....	"	S. E. 6-116-35.....
122	Reinhard Kohls.....	"	N. W. 28-117-35.....
123	Iver Aspaas.....	"	W. <sup>1</sup> / <sub>2</sub> S. E. 32-117-33.....

These lands were sold at \$15 per acre.



The following collections have been made on account of land contracts:

Date.	Name.	Contract No.	Principal.	Interest.
1897.				
May	17 R. L. Gunear.....	61	\$250 00	.....
June	1 R. L. Gunear.....	61	1,050 00	\$209 10
"	4 J. E. Blickenstaff.....	39	300 00	34 80
"	7 R. L. Gunear.....	61	.....	48 32
"	19 J. Spevacek.....	118	200 00	.....
July	9 James Lowe.....	23	.....	144 00
Oct.	10 E. Lindquist.....	64	50 00	3 00
Dec.	7 Peter Larsen.....	66	533 34	53 33
"	10 Otto Monson.....	109	.....	57 00
"	10 S. J. Hallquist.....	75	.....	52 50
"	10 S. J. Hallquist.....	76	.....	52 50
"	18 W. T. Gore.....	37	1,200 00	82 50
"	20 J. Dezort.....	40	.....	96 00
"	21 Joseph Cuta.....	65	.....	21 00
"	21 Joseph Cuta.....	117	.....	71 40
"	23 James Spevacek.....	118	.....	40 83
"	24 E. W. Harms.....	62	.....	200 00
"	30 Olof Mattson.....	73	.....	70 00
Dec.	30 Joseph Hollan.....	116	.....	126 09
"	30 Frank Topka.....	81	150 00	42 00
"	30 Berthel Pederson.....	74	35 00	2 45
1898				
Jan.	1 B. F. Leiby.....	54	.....	97 78
"	1 Erick Lindquist.....	64	100 00	42 00
"	1 William Buethe.....	80	120 00	42 00
"	5 Roise & Qvale.....	72	120 00	42 00
"	14 John Houlton.....	58	.....	112 00
May	4 Joseph Majxner.....	119	100 00	.....
"	4 T. O'Conner and M. J. Dowling.....	120	342 60	.....
"	4 M. J. Dowling.....	121	360 00	.....
June	13 Erick Lindquist.....	64	100 00	3 00
July	2 James Lowe.....	23	.....	300 00
"	25 Iver Aspaas.....	123	200 00	.....
"	25 Reinhard Kohls.....	122	360 00	.....
Sept.	26 James Lowe.....	23	500 00	100 00
			\$6,070 94	\$2,145 71

The \$6,070.94, on account of principal, has been turned over to the State Treasurer. Receipts for this payment are on file in the Business Manager's office of the University for \$4,270.94; the first \$1,800 received being turned over through the University Treasurer.

The \$2,145.71, on account of interest, has been turned over to the University Treasurer.

*Paper S* is a letter from Mr. E. G. Keith, Treasurer, enclosing one from Professor Bruner's lawyers.

Respectfully submitted,

S. W. SHATTUCK,  
Business Manager.

The appropriations recommended by the Business Manager were made, as follows:

APPROPRIATIONS.

Board expenses .....	\$400 00	
Salaries for instruction .....	32,000 00	
Salaries for services .....	6,000 00	
Buildings and grounds .....	1,000 00	
Fuel and lights and electric power .....	4,000 00	
Stationery, printing, etc. ....	500 00	
Advertising and postage .....	500 00	
Repair shop .....	600 00	
Mechanical department .....	300 00	
Departments .....	300 00	
Laboratories .....	600 00	
Library and apparatus .....	50 00	
Incidentals .....	600 00	
Furniture and fixtures .....	400 00	
Heating apparatus .....	500 00	
Water supply .....	250 00	
Minnesota lands .....	200 00	
Blue print room .....	200 00	
Music fees for Miss Fox .....	97 63	
Library School .....	200 00	
Expenses of delegate to Washington .....	81 05	\$48,778 68
School of Pharmacy .....	4,000 00	
School of Medicine .....	12,000 00	
Agricultural Experiment Station .....	4,500 00	
Laboratory of Natural History .....	3,000 00	
Water survey of State .....	750 00	\$24,250 00
		\$73,028 68

The Board adjourned.

W. L. PILLSBURY,  
*Secretary.*

F. M. McKAY,  
*President.*

## MEETING OF JANUARY 13, 1899.

The following call for a special meeting of the Board of Trustees of the University of Illinois was issued January 7, 1899:

"Upon the call of the President, Mr. F. M. McKay, there will be a special meeting of the Board of Trustees of the University of Illinois at 3 o'clock p. m., Friday, January 13, 1899, at the Sherman House, in Chicago, to consider legislative appropriations and such other business as may be duly presented."

There were present at the meeting Governor Tanner, Messrs. Armstrong, Bayliss, Bullard, McKay, and Raymond, and Mrs. Fowler; absent, Messrs. Fulkerson, McLean, Morrison, and Smith and Mrs. Carriel; also President Draper.

Letters and telegrams were received from President Draper and Messrs. Fulkerson, McLean, Morrison and Smith, each explaining his absence on account of his own illness or illness in his family.

The secretary presented to the board the following papers from President Draper:

## COMMUNICATIONS FROM PRESIDENT DRAPER.

UNIVERSITY OF ILLINOIS, PRESIDENT'S OFFICE,  
January 12, 1899.

*To the Board of Trustees.*

I transmit herewith several recommendations from the General Faculty and the Council of Administration, the most important of which proposes to divide the university year into two semesters instead of three terms as at present. I recommend approval of the same. I will not undertake to advance reasons here for the change further than to say that the whole matter has been under very serious consideration for several months, indeed for more than a year, and that practically all connected with the instructional work of the University are now in favor of it. Professor Forbes, who will be in attendance at the meeting of the board is entirely familiar with the whole subject and can afford you any desired information concerning it.

Another recommendation of some importance proposes a joint course of study between the College of Science of the University and the School of Medicine under which a student may get the degree of B. S. and of M. D. in six years. The course requires attendance at the University for three years and at the School of Medicine for three years. Neither degree is conferred until the end of the full course. The plan has been worked out at a conference between the College of Science and the School of Medicine and meets with the cordial approval of all interested. Professor Forbes is entirely familiar with this matter also, and can afford any desired information.

A. S. DRAPER,  
*President.*

UNIVERSITY OF ILLINOIS, January 12, 1899.

*To the Board of Trustees.*

The Council of Administration makes the following recommendations:

1. That the University year be divided into semesters. It has been found on trial that the change from the three term to the semester system can be made by the different departments of the University with much less difficulty than was anticipated. The Council therefore joins the Faculty in recommending the adoption of the semester system.
2. That authority be given to make all changes necessary in the form of the catalogue on account of the change from three to two terms. This means, in general, simply that whenever a certain number of credits is specified, a certain number of semester hours will be named.
3. That the number of semester hours required for graduation be 130. By semester hour is meant one recitation, or lecture, period a week for one semester. Ten semester hours are therefore equivalent to three of our present credits. We now require 40 credits for graduation. One hundred thirty semester hours are equivalent to 39 credits. This is a reduction of one credit in the requirements for graduation. There are two reasons in favor of this reduction. First, it avoids fractions in the number of semester hours required; second, while substantial loss of work is caused, opportunity is furnished for more intense work.

During the consideration of the preceding topics, Professor Forbes gave reasons for the proposed change from the three term to the semester plan.

In this connection also, Governor Tanner, at some length, urged upon the Board of Trustees the great desirability of strengthening in every way the agricultural department of the University. He said the interests of the State demanded that this should be made one of the most prominent departments of the University, and pledged himself to favor most heartily liberal appropriations for its enlargement and maintenance.

For appropriation already asked for agriculture see page 38.

On motion of Mr. Bullard, the three foregoing recommendations of the Council and the Faculty were adopted. Also on his motion, it was voted that the incidental fee should be \$12 for each semester.

Mr. McKay, at his own request, was recorded as voting in the negative on the matter of fees.

Doctors Quine, Evans, Christophor, Steele, and Pusey, from the School of Medicine, were heard in advocacy of asking an appropriation for a medical and hygienic laboratory; and, on motion of Mr. Armstrong, it was voted to put in an item of \$50,000 for this purpose into the bill for legislative appropriations.

4. That the following amount of credit towards graduation be assigned in physical training and military, respectively: Two and one-half semester hours for each in the freshman year; the same amount for military in the sophomore year, and the same amount for physical training if elected in the sophomore year. This makes a total of 10 semester hours for military and physical training, and this number is equivalent to three credits on our present system of reckoning. The number of credits now given for military is two.

5. That six semester hours be added to the requirements for graduation in the school of law. The number now required is 60; the number recommended is 66. Five of these additional six hours will be devoted to international and constitutional law.

6. That the preparatory students be taught in separate classes from the University students in French and German. The preparatory students retard the progress of the classes. It is proposed to put into the curriculum of the preparatory school a year and a half of each of these languages. This will be sufficient to meet the entrance requirements to the University. The arrangement will also remove several difficulties which we have labored under for the past two or three years in providing for students who come to the University with varying degrees of preparation in the modern languages.

7. That the name of the department of Romance languages be changed to Romanic languages. This name is more accurate, it corresponds to "Germanic languages," and it is now in use in several first class institutions.

8. That a combined course of three years each in science and medicine be authorized which shall entitle students taking it to both a scientific and a medical degree. This course will contain all the prescribed general and scientific work of the natural science courses, omitting only the miscellaneous electives. It will contain also all the professional work of the medical course excepting those subjects already taken in the College of Science for which it is proposed that credit shall be given in the Medical School. The subjects so credited will be biology, zoölogy, comparative anatomy, histology, physiology, bacteriology, and chemistry. It is hoped by this change in the course to shorten it sufficiently to enable a student to graduate in medicine with a liberal preparation in college work, by crediting him in the college course for work done in the Medical School in lieu of merely miscellaneous subjects taken by him at will, and by encouraging him to take the non-professional work of the Medical School at the University rather than at the Medical School.

Respectfully submitted,

DAVID KINLEY,

*Secretary to the Council of Administration.*

Recommendations Nos. 4 to 8, inclusive, were severally adopted.

#### LEGISLATIVE APPROPRIATIONS.

*To the Board of Trustees.*

I recommend that there be included in the askings of the legislature the following additional items:

For drainage, fencing, etc., on the experimental farm, and for maintenance of barns, two thousand dollars.

For wiring and providing electrical fixtures in University Hall and Natural History Hall, so that those buildings may be lighted from the University lighting plant, three thousand dollars,

For constructing a swimming tank in connection with the Men's Gymnasium, three thousand dollars.

If these items are approved at once they may be included in the bill which is likely to be introduced next week. They are items of decided importance.

A. S. DRAPER,

*President.*

Approved on motion of Mr. Bullard.

A communication was presented from Professor F. M. McMurry, asking that the balance of his salary, for the month of August, 1894, \$166.66, be paid him, and it was so ordered.

Mr. Armstrong, as chairman of the Committee on Instruction, called up the question of change in Library School fees, which had been passed without action at the last meeting of the Board (see page 40). The recommendation of the committee was not approved.

## SUMMER SCHOOL.

The Committee on Instruction made the following report with regard to a summer school:

CHICAGO, JANUARY 13, 1899.

*To the Board of Trustees.*

The following communication was referred to your Committee on Instruction at the last meeting of the Board (see page 28):

December 13, 1898.

*President A. S. Darper.*

DEAR SIR:—On December 5th the University Faculty approved a report of a special committee favoring in general terms a course of summer instruction at the University, but recommending that plans and arrangements be referred to the departments primarily concerned.

This report was made after a very thorough canvass, including extensive correspondence with public school men in Illinois. From tabulated replies it appears that out of thirty-two county superintendents eighteen express the opinion that a summer term at the University is desirable, while six think there is little demand for it. Eighty out of one hundred city superintendents and high school principals heard from believe that a summer term would be attended by persons from their various localities. It was further ascertained by this committee that of eight hundred and forty-one teachers in our accredited high schools, three hundred and seventy five of whom are college graduates, only twenty-two are from the University of Illinois.

It further appears from the correspondence of this committee that instruction is especially desired in pedagogy, chemistry, botany, physics, zoölogy, agriculture, history, literature, rhetoric and composition, German, mathematics, and Latin—all, excepting agriculture, primarily and principally for teachers of the public schools.

In pursuance of the recommendations of this Committee report, December 7th, the Deans of the Colleges of Science and Agriculture called a joint meeting of their respective faculties, in which most of the departments primarily interested in summer school work were represented. At this meeting it was decided by a vote of seventeen to three that an offering of summer courses by the University in the departments of these colleges was to be desired, and a committee was appointed to consider plans and details. After full, but somewhat indeterminate, discussion the undersigned were appointed a subcommittee to draft a statement for presentation to the proper University authorities. On the basis of the discussion and votes of the College faculties and the joint committee mentioned above, we beg to submit, as the spirit and substance of this faculty and committee action, the following plan for summer instruction at the University for the vacation period of 1899:

We advise that a summer term of instruction equal in length to half a semester be offered by the departments of pedagogy, psychology, elementary biology, botany, zoölogy, entomology, physics, and chemistry, and that certain courses also be offered in horticulture, animal husbandry, and soils and crops. In the agricultural and horticultural departments it is to be presumed that the courses will be primarily for University students seeking the special advantages of summer experience and work. In the other departments mentioned we are of the opinion that the courses and offering should be made with principal reference to the needs of the teachers of the public schools, but that the wants of our own students should likewise be kept in mind. For the latter class it seems highly desirably that the Preparatory School should be kept open under such conditions that students deficient in entrance requirements may have an opportunity to make them good by vacation work under expert instruction.

We would suggest that the conditions of admission to the summer term be made the same as to regular University courses for those desiring University credit for their work, but that it otherwise be open to any teacher holding a

state or first grade county certificate, and that entrance to classes be conditioned only upon the approval of the instructor and the President of the University or other principal administrative officer.

We think that the fees might well be substantially the same as for other University work; namely, \$10 for matriculation, a term fee equal to half the semester fee, when this shall be determined by the Board, and the usual tuition fee to special students for those attending the summer school without matriculation.

As it is important that definite action upon this proposition be taken without delay, we earnestly request that it may be passed upon at this meeting of the Board or referred, in form for final action, to a committee *ad interim*.

Respectfully submitted,

T. J. BURRIL,  
*Dean General Faculty,*  
S. A. FORBES,  
*Dean College Science,*  
E. DAVENPORT,  
*Dean College Agriculture.*

Your Committee on Instruction recommends that a summer school be held according to the plan set forth above.

Respectfully submitted,

J. E. ARMSTRONG,  
*Chairman of Committee on Instruction.*

The recommendation of the Committee was adopted, and an appropriation of \$3,000 was made for the payment of expenses and salaries.

It was voted, on the suggestion of Professor Forbes, that the askings for the State laboratory of Natural History and the State Entomologist go into the "general appropriation bill," if the consent of the Secretary of State thereto can be secured.

On motion of Mr. Bullard, it was voted that when matters concerning the State laboratory of Natural History should be under consideration by the Board the Director of the Laboratory should be present.

Mrs. Flower suggested the appropriateness of the board's adopting resolutions in memory of Professor Turner, recently deceased. The President appointed Mrs. Flower, Mr. Bullard, and Mr. Armstrong to prepare these resolutions:

#### RESOLUTIONS CONCERNING PROFESSOR JONATHAN BALDWIN TURNER.

*To the Board of Trustees.*

Jonathan Baldwin Turner died at Jacksonville, in this State, on Wednesday, January 11th, in his ninety-fourth year. The fact is entitled to more than a passing notice by this Board, for the circumstances which insure his memory an enduring place in the esteem and gratitude of all interested in the University are singular and exceptional.

He came to Illinois in 1832. He was a graduate of Yale. College graduates were very rare in the Mississippi Valley at that time. It is doubtless within the fact to say that there were no others of his strong physique, his broad outlook, his interest in practical affairs, his gifts as a public speaker, and his aggressiveness as a humanitarian. For fifteen years he was a teacher in Illinois College at Jacksonville. He was always intensely interested in educational work and an unfaltering friend of the public schools. He was a marked figure in the town and gave it strong support; he was well known

throughout the State and country as a vigorous helper and exponent of all good works. He was a typical leader of the agitation for the abolition of slavery and led in a region of country where there could be no leadership in that great movement without marked heroism.

But the particular work for which his memory will always be cherished by the University related to the application of higher learning to industrial progress and to the procuring of the congressional legislation which brought into being the great system of land grant universities now so potent throughout the land.

Of this mighty undertaking he was at once the forerunner and the apostle. He believed that he had a commission from on high in this behalf, and doubtless he had. That commission led us into controversies, but they were controversies which he did not fear, in which his great qualities made him entirely at home, and they were controversies that broke new roads through fixed opinions and established systems, and made way for a new order of education which could bring the industrial masses to the substantial support of democratic institutions. To accomplish this great end he was not only actuated by his intellectual outlook and by his sympathies, but, what is of more moment, he worked to a plan. He came to the necessity of changing some of the details of his plan more than once, and then he did it with true consistency and unfaltering courage. For long years there was no sacrifice of time, of comfort, or money which was too great for him to make cheerfully in the interests of this beneficent work. At the State and national capitals, at the agricultural fairs, in the churches and the school houses, in neighborhood conferences, at the political conventions, and on the hustings, by letter and through the press, he agitated aggressively and uncompromisingly. Of course others came to his support, but he started in the lead and he maintained the lead until the undertaking was crowned with complete success.

If the accomplishment of his purpose was a great satisfaction to him, the subsequent unfolding of the system of land grant colleges to such magnificent proportions was a yet greater one. The marked development of our own University, in his own State, which came in his last years, was a crowning pleasure to him. It brought into his great spirit a liberal measure of the eternal sunshine into which he has gone. And it reacted upon the university for he lost no opportunity to say things which would be an encouragement to it.

All connected with the university will cherish his memory and emulate his virtues. As the growth of the University gladdened his life through his last years upon earth, so shall his spirit quicken and brighten the life of the University for all time.

The members of the Board of Trustees tender their most sincere condolence to his daughter, their associate, as well as to the other members of his family, upon his death; but it asks to share with them in the inheritance of the memory of such a father, such a pure character of heroic mould, and such a forceful benefactor of the human race.

LUCY L. FLOWER,  
JAS. E. ARMSTRONG,  
S. A. BULLARD,

*Committee.*

The board adjourned.

W. L. PILLSBURY,  
*Secretary.*

F. M. MCKAY,  
*President.*



## MEETING OF MARCH 14, 1899.

The Board of Trustees of the University of Illinois met in the Trustees' Room, Library Building, Urbana, Illinois, at 9 o'clock a. m., Tuesday, March 14, 1899.

The members present were Messrs. Bayliss, Fulkerson, Hatch, McKay, McLean, Nightingale, and Smith and Mrs. Abbott, Mrs. Carriel, and Mrs. Flower; absent, Governor Tanner and Mr. Bullard.

The minutes of the meeting of the Board of Trustees held December 14, 1898, and of the special meeting of the Board held January 13, 1899, were presented by the Secretary and approved as presented.

## ELECTION OF OFFICERS.

The President then announced that the next order of business was the election of officers and called for nominations for the position of President of the Board. Mrs. Flower nominated Mr. Alexander McLean, Mr. Bayliss nominated Mr. T. J. Smith. Mr. Smith declined to be a candidate, and Mr. McLean was thereupon elected President of the Board for the ensuing year.

On motion of Mr. McKay, Mr. W. L. Pillsbury was elected Corresponding Secretary and Recording Secretary and Registrar for the ensuing year.

On nomination by Mr. McKay, Mr. Keith was elected Treasurer for the ensuing two years.

On motion of Mr. Smith it was voted that the Treasurer be required to give a bond in the penal sum of \$750,000.

On nomination by Mr. Smith, Mr. McKay was elected one member of the Executive Committee and on nomination by Mrs. Carriel, Mrs. Flower was elected a second member of the committee.

On motion of Mrs. Flower, Dr. A. S. Draper was elected President of the University for the ensuing two years.

Mr. H. B. Gurler, of DeKalb, representing the Illinois State Dairymen's Association, Mr. H. Augustine, of Normal, representing the Illinois State Horticultural Society, Messrs. Hatch and Fulkerson, of the Board of Trustees, and Professors Burrill, Forbes, and Davenport, of the Faculty of the University, were elected members of the Advisory Board of the Agricultural Experiment Station.

## COMMUNICATIONS FROM PRESIDENT DRAPER.

*To the Board of Trustees.*

I respectfully submit the following business to your determination:

## DONATION BY PROFESSOR EDWARD SNYDER.

1. Professor Edward Snyder, from the beginning and until 1896 professor of German and now *emeritus* professor of German in the University, residing at Pacific Beach, California, desires to present to the University a considerable sum of money, to be paid in installments of which one thousand dollars or more will be paid next year, and which will probably amount to twelve thousand dollars in all, provided that the same is accepted by the Board of Trustees upon the following conditions, viz.: *First*, that the same shall be known as the "Edward Snyder Fund for the Benefit of Deserving Students," and shall be loaned to poor and deserving students to enable them to pursue work in the University; *second*, that the University shall agree to maintain said fund without loss or diminution and shall pay to the donor during his life, or to his wife if she shall survive him, interest on the sums received, at the rate of five per cent. per annum.

Professor Snyder was for many years a valued teacher in the University as he and his wife were cherished members of the University society. He has been impelled to this generous benefaction by his conspicuous sympathy for poor students struggling for an education. I am not unaware that the administration of such a fund will require discriminating care, but am of the opinion that the University may well and safely assume it. It will afford some relief in a direction where the need has been very great. I therefore recommend that the gift be accepted, the conditions agreed to, the appreciative acknowledgments of the University expressed to the donor, and that the Board take steps to determine the principles and the plan upon which the wishes of the donor may be most satisfactorily carried out.

2. I recommend that the sum of \$200 be appropriated to cover the expenses of the University High School Conference in May.

## ELECTRICAL ENGINEERING DEPARTMENT.

3. The opinion expressed a year ago touching the desirability of appointing a new head for the Department of Electrical Engineering remains unchanged. I advise that steps be taken at once to secure the best available man for this important position, with a view to final action by the Board at the June meeting.

4. The new Observatory time service is working satisfactorily and I recommend that an appropriation of \$50.00 be made with which to install secondary clocks in Natural History Hall and in the Chemical Laboratory.

5. Professor Walter Howe Jones was recently absent nearly four weeks because of illness, in consequence of which it was necessary to employ assistance at an expense of about \$75.00. In view of the circumstances it is recommended that the absence be excused without the loss of pay.

6. After the last meeting of the Board, at which the sum of \$300.00 was appropriated for apparatus in the Preparatory School, it was developed that the Principal of that department had some apparatus which had been used in the physics work in the School and which he desired to sell to the University. I have caused Professor Sager of the department of Physics in the University to list and appraise the same. His report is herewith submitted. It fixes the value of the articles at \$71.80, which I approve, and I recommend that the purchase be made at that sum.

## HOUSEHOLD ECONOMICS.

7. There has been much discussion touching a department of household economics in the University. It seems to me that time and discussion are giving us a clearer vision of the course we ought to take. Mere expertness in performing or in supervising household duties does not seem to be up to the

grade of college work. Yet, if the expectations which we are very generally beginning to entertain concerning an agricultural equipment should be realized, provision could be made therein for that phase of the subject. But the analysis of foods and the study of the nutrition of foods and household sanitation are college work. Our chemistry department has already begun operations in this connection, not only on its independent account, but also in connection with the United States Department of Agriculture. This line of research promises to attain much importance. The department needs more help. It seems to me reasonable to believe that, other things being equal, the work of a properly qualified woman in this particular field of chemistry would lead to larger and more practical results than the work of a man. Accordingly I recommend that search be made for such a woman to be appointed as an instructor in the department of chemistry, whose work shall be primarily in foods and household sanitation, and that preference be given to the woman who seems to possess the ability to plan and organize for the practical application of the results of her scientific investigations, in the hope that a definite appointment may be made at the June meeting of the Board.

#### RAILROAD ENGINEERING.

8. For some time Professor Breckinridge of the department of Mechanical Engineering has been developing lines of work having particular reference to the operation of railroads. The three lines of road passing the University have cheerfully entered into mutually helpful relations in this important work. The "Big Four" road has recently built a dynamometer car for the use of the University upon their system of roads and the Illinois Central now gives assurance, of constructing a more elaborate one. This action is only an indication, but it is not the measure, for the coöperation which is developing between the University and the railroads. The spirit and extent of this coöperation are of the first importance to all the interests involved. Our Civil Engineering department is already doing a full line of work relating to the construction of road beds and the maintenance of the right of way.

It is now recommended that a line of courses in Railroad Engineering, as complete as possible, be offered, and that an additional assistant professor be added to the department of Mechanical Engineering for that purpose.

#### AGRICULTURAL EXPERIMENT STATION.

9. The report of the Director of the Agricultural Experiment Station and the minutes of the Advisory Board are transmitted. It is recommended that the estimates of expenditures for the next quarter be approved and the money be appropriated as follows:

#### AGRICULTURAL EXPERIMENT STATION, ESTIMATES—QUARTER ENDING JUNE 30, 1899.

<i>General fund—</i>		
Salaries .....	\$1,825 00	
Labor .....	800 00	
Publications .....	300 00	
Postage and stationery .....	45 00	
Freight and express .....	35 00	
Heat, light, and water .....	60 00	
Chemical supplies .....	25 00	
Feeding stuffs .....	415 00	
Library .....	25 00	
Tools, implements, and machinery .....	125 00	
Scientific apparatus .....	10 00	
Traveling expenses .....	40 00	
Building and repairs .....	45 00	
		\$3,750 00
<i>Farm fund—</i>		
Labor .....	\$470 00	
Seeds, plants, and sundry supplies .....	290 00	
		\$760 00

10. I recommend the appropriation of \$100.00 for incidental expenses in the department of Mechanical Engineering.

SCHOOL OF MEDICINE AND SCHOOL OF PHARMACY.

11. In my opinion plans for the future at the School of Medicine and the School of Pharmacy need very full and careful consideration. Our leases at both institutions terminate one and two years hence. The most thoughtful study of the whole situation must be made, and plans laid with as little delay as possible if we are to be ready to act in time and with confidence as the interests of the University may demand. In one case or the other it may become necessary to erect a new building. It is recommended that the committees of the Board upon these two institutions be directed to take the matter up at an early day, act in coöperation with each other in reaching conclusions, and, if practicable, report to the Board at its next meeting and certainly at the September meeting.

12. Consequent upon the action of the Board arrangements have been made for operating a summer term of a part of the University departments. The announcements have been prepared and are submitted for your information.

13. The oil portrait of the first President of the University, John M. Gregory, D.D., LL.D, hanging in the room of the Trustees, should be given a better frame and I recommend that provision be made for it.

IMPROVEMENTS ON ILLINOIS FIELD.

14. I transmit with my approval an estimate and recommendation of the Superintendent of Buildings and Grounds for draining Illinois Field and constructing a one-third mile running track thereon, involving a cost of about one thousand dollars.

UNIVERSITY OF ILLINOIS, March 14, 1899.

*President A. S. Draper.*

DEAR SIR:—Upon request of the Athletic Board I have made an estimate of the probable cost of properly draining Illinois Field and constructing a new track for same. I find that a complete system of drainage, with sufficient catch basins to carry off a heavy rainfall, will cost about \$300.00, and that a new track, constructed as large as our field will permit, being about one-third of a mile, if well constructed, would cost about \$700.00. This latter item might be lessened somewhat by using a cheaper means of construction of track, but I would recommend spending about the above amount of money for same.

Very respectfully,

N. S. SPENCER,

*Superintendent of Buildings and Grounds.*

THE UNIVERSITY IN THE WAR WITH SPAIN.

15. It is appropriate that I should announce to the Board the names of the University students and Alumni who entered the army or navy to engage in

the war with Spain for the rescue of Cuba, for I am sure the Board will desire to make a minute of its approval of their spirit and patriotism, and to do them the honor which is their due.

They are as follows:

*Alumni and Others.*

Brush, D. H.  
Mann, E. L., '97  
Stratton, S. W., '84.  
Brower, R. P., '97.  
Dougherty, A. J., ex-'99.  
Frederickson, W.  
King, W. E., '97.  
Scott, J. T., Special.  
Teepie, W. D., '97.  
Connor, L. B.  
Gregory, C. E.  
Carver, A., '89.  
Simons, A. M., '96, Navy.  
Stanton, S. C., '79.  
Stewart, J. T.  
\*Eaton, H. C., ex-'97.

*Students.*

Busey, C. S., ex-'99.  
Hunter, Benj., ex-'97.  
Phillippi, F.  
Charles, C. H., '01.  
Clark, C. A., '98.  
Coen, H., '01.  
Collins, J. M., '01.  
Drew, F. L., '01.  
Hawley, W. A., '99.  
Hinrichsen, E. E., '00.  
Hipple, J. S., Special.  
Hopkins, M. L., '00.  
Housel, O. L., '00.

Linzee, A. C., '98, Navy.  
Postel, F. J., '99.  
Seymour, R. V., Special.  
Shaw, R. S., Special.  
Stewart, J. H., Jr., Preparatory.  
Stewart, M. V., '01.  
Bills, C. J., ex-'80.  
†McFarland, H. E., Preparatory.

SCHOOL OF MEDICINE.

*Alumni and Others.*

Whiting, J. B., jr., '87.  
Wray, W. F., '97.  
Lemke, A. F., '96.  
Lydston, G. F., Faculty.  
Kahler, A. E., '98.

*Students.*

Cunningham, W. D.  
Birk, J. W.  
Wall, F. J. A.  
Herzog, A.  
Koch, W. A.  
Boss, H. J.  
Martin, R.

SCHOOL OF PHARMACY.

McGill, C. R., '00.  
Kirby, G. B., ex-'99.  
Linxwiler, A., ex-'98.  
Stenicka, J. A., ex-'97.  
Burnitt, F. G., '92.

\*Died at Montauk, August 26, 1898.

†Died September 25, 1898, at Jacksonville, Florida.

Respectfully submitted,

A. S. DRAPER,

*President.*

These communications were disposed of as follows:

1. Mr. Smith moved that the Board gratefully accept Professor Snyder's gift, and that a special committee be appointed to devise rules for the administration of the trust.

Mr. Nightingale moved to amend by adding "Provided no legal objection appear." Mr. Smith accepted the amendment and the motion prevailed.

The President of the Board was directed to send a telegram of acceptance and of grateful acknowledgement to Professor Snyder.

President Draper, Mr. Smith, and Mr. Bayliss were appointed on this committee.

2. Appropriation, made as recommended, on motion of Mr. Smith.

3. Recommendation approved on motion of Mr. Smith.

4. Appropriation made on motion of Mrs. Flower.

5. Recommendation approved and appropriation made on motion of Mrs. Flower.

6. Purchase authorized, as recommended, on motion of Mrs. Flower.

7. Recommendation approved on motion of Mrs. Flower.

8. Recommendation approved on motion of Mr. Smith.

9. Recommendation approved and appropriation of Experiment Station funds made according to estimates submitted.

10. Appropriation of \$100.00 made on motion of Mrs. Flower.

11. Recommendation approved.

12. Accepted for record.

13. Recommendation approved and purchase of a suitable frame authorized, the matter to be in charge of President Draper.

14. Recommendation approved and \$1,000.00, or so much thereof as might be needed, appropriated for improvements on Illinois Field, according to estimates submitted.

15. Accepted for record and the following resolution adopted:

*Resolved*, That the Board notes with satisfaction that fifty-four men associated with the University entered the army or navy at the call of the country to take up arms for the liberation of Cuba from the oppression of Spain. We commend the spirit which led to such action and express our own sense of loss and tender our sympathy to the relatives and more intimate friends of the two who gave their lives for the sake of advancing freedom in the world.

#### TREASURER'S REPORT.

The Secretary presented the following report from the Treasurer, which was referred to the Committee on Finance:

*E. G. Keith, Treasurer, in account with the University of Illinois, for the quarter ending December 31, 1898.*

		DR.		
1898.		Balance, September 30, 1898.....		\$101,779 28
Oct.	5	From S. W. Shattuck, Business Manager, for credit School of Medicine fund.....	\$10,000 00	
"	7	From U. S. Treasurer for Agricultural Experiment Station fund.....	3,750 00	
"	31	From S. W. Shattuck, Business Manager, paid warrants for credit general fund.....	1,635 65	
"	31	From S. W. Shattuck, Business Manager, paid warrants for credit Agricultural Experiment Station fund.....	346 65	
"	31	From S. W. Shattuck, Business Manager, Chicago draft for credit general fund.....	1,857 84	
"	31	From S. W. Shattuck, Business Manager, for credit School of Medicine fund.....	1,951 20	
"	31	From S. W. Shattuck, Business Manager, for credit School of Pharmacy fund.....	156 32	
Nov.	26	From S. W. Shattuck, Business Manager, paid warrants for credit general fund.....	6,157 68	
"	28	From S. W. Shattuck, Business Manager, for credit School of Medicine fund.....	8,891 50	
"	28	From S. W. Shattuck, Business Manager, for credit School of Pharmacy fund.....	5,647 50	
Dec.	27	From S. W. Shattuck, Business Manager, paid warrants for credit general fund.....	2,075 96	
"	27	From S. W. Shattuck, Business Manager, Chicago draft for credit general fund.....	3,000 00	
"	28	From S. W. Shattuck, Business Manager, Chicago draft for credit general fund.....	3,000 00	
"	28	From S. W. Shattuck, Business Manager, for credit School of Medicine fund.....	2,492 35	
"	28	From S. W. Shattuck, Business Manager, for credit School of Pharmacy fund.....	1,895 00	
				52,857 65
				<u>\$154,636 93</u>

		Cr.		
1898.				
Dec.	31	By amount paid out of general fund, as per list of warrants herewith.....	\$69,043 63	
"	31	By amount paid out of Agricultural Experiment Station fund, as per list of warrants herewith.....	4,703 27	
"	31	By amount paid out of School of Pharmacy fund, as per list of warrants herewith.....	4,260 82	
"	31	By amount paid out of Laboratory of Natural History fund, as per list of warrants herewith.....	3,211 13	
"	31	By amount paid out of School of Pharmacy fund, as per list warrants herewith.....	16,325 89	
				\$97,544 74
		<i>Balances—</i>		
		General fund.....	\$40,313 52	
		Agricultural Experiment Station fund.....	1,534 57	
		Laboratory of Natural History fund.....	7,406 13	
		School of Medicine fund.....	8,046 37	
			\$57,300 59	
		School of Pharmacy fund (overdrawn).....	208 40	
				57,092 19
				\$154,636 93

Respectfully submitted,

E. G. KEITH, *Treasurer.*

The committee appointed at the last meeting of the Board to examine the Treasurer's records, books, etc., (see page 37), was given further time.

On motion of Mr. McKay, the bill for expenses incurred at the Beardsley Hotel at the time of the visit of the legislative committees on appropriations, amounting to \$118.88, was ordered paid.

The request of Mr. E. C. Smith, a student, for the return of a part of his fees was refused by the following vote: Yeas, McKay, Smith, Nightingale; nays, Fulkerson, Bayliss, McLean, Flower, Carriel, Abbott, Hatch.

A communication from Mr. S. B. Hedges asking for the renewal of his lease for three years from the first of January, 1900, at present rental, was received and referred to the Committee on Agriculture.

An appropriation of \$20 00, or so much thereof as might be needed, was made for completing the line fence on the south farm, the money to be expended under the direction of the Business Manager.

A communication was received from Mr. I. S. Raymond, until this meeting chairman of the Committee on Agriculture, stating that it had not been practicable to carry out the proposed plan of the drainage of the forestry plantation, and advising that the matter be referred again to the Committee on Agriculture.

This recommendation was approved.

#### EXHIBIT AT STATE FAIR.

On motion of Mr. Smith, it was voted that Mr. Fulkerson be appointed a committee of one to negotiate such arrangements as he might find advisable with the Illinois State Board of Agriculture in order that the University might make exhibits of all its departments at the State Fair, and to report to the Board.

The Board adjourned to meet in the Parlor of the Beardsley Hotel, Champaign, Illinois, at 1:30 p. m.

#### AFTERNOON SESSION, MARCH 14, 1899.

When the Board met pursuant to adjournment the same members were present as in the morning

#### STANDING COMMITTEES.

The President of the Board announced standing committees as follows:

*Agriculture.*—Fulkerson, Hatch, McKay, Abbott.

*Buildings and Grounds.*—Bullard, Smith, Carriel, Nightingale Flower.

*Finance.*—McKay, Nightingale, Smith.

*Instruction.*—Flower, Nightingale, Hatch, Bayliss, Carriel.

*Publication.*—Smith, Abbott, Bullard.

*Library.*—Nightingale, Carriel, Smith, Hatch, Bayliss.

*Students' Welfare.*—Carriel, Flower, Bullard.

*School of Pharmacy.*—Hatch, Abbott, Flower, Bayliss, Carriel.

*School of Medicine.*—Nightingale, Smith, McKay, Bullard, Flower.

#### BUSINESS MANAGER'S REPORT.

The Business Manager presented his report which was referred to the Finance Committee.

March 14, 1899.

*Alex. McLean, Esq., President Board of Trustees, University of Illinois,*

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

*Paper A* is a statement of the current appropriations, December 31, 1898.

*Paper B* is a statement of the State appropriations, December 31, 1898.

*Paper C* is a statement of the United States fund, December 31, 1898.

*Paper D* is a statement of the Laboratory of Natural History funds, December 31, 1898.

*Paper E* is a statement of the Agricultural Experiment Station appropriations, December 31, 1898.

*Paper F* is a statement of the School of Pharmacy appropriations, December 31, 1898.

*Paper G* is a statement of the School of Medicine appropriations, December 31, 1898.

*Paper H* is an estimate of receipts and expenses for the six months ending June 30, 1899.

*Paper I* is a list of appropriations the Board is requested to make at this time.

*Paper L* is a report of receipts for the three months ending December 31, 1898.



## PAPER A—CURRENT APPROPRIATIONS.

December 31, 1898.	Appropriated.	Expended.	Balance.
Board expenses.....	\$500 00	\$242 25	\$257 75
Salaries for instruction { Current .....	62,534 93	{ 719 61	6,890 73
{ U. S. Fund .....		{ 15,559 76	
{ State .....		{ 39,364 83	
Salaries for services { Current.....	10,794 65	{ 751 49	366 63
{ State .....		{ 9,676 56	
Buildings and grounds.....	1,000 00	947 63	52 37
Fuel and lights .....	2,000 00	1,404 24	595 76
Stationery and printing.....	1,500 00	1,067 28	432 72
Preparatory School.....	2,187 50	2,187 50	.....
Repair shop.....	2,000 00	1,494 86	505 14
Mechanical department.....	1,000 00	137 77	852 23
Departments.....	600 00	231 63	368 37
Laboratories.....	3,000 00	2,356 74	643 26
Library and apparatus.....	100 00	39 09	60 91
Incidentals.....	1,600 00	812 38	787 62
<i>Sundries—</i>			
Closed out.....	985 86	985 86	.....
Blue print room.....	333 67	242 56	91 11
Bruner case.....	450 00	444 27	5 73
Burial of Dr. Gregory.....	300 00	175 05	124 95
Commencement.....	179 75	179 75	.....
Corn and oats investigation.....	150 00	24 72	125 28
Food investigation.....	300 00	.....	300 00
Furniture and fixtures.....	550 00	152 28	397 72
Greenhouse.....	400 00	30 17	369 83
Heating apparatus.....	600 00	115 45	484 55
Heating plant.....	519 35	519 35	.....
Library school.....	400 00	335 49	64 51
Minnesota lands.....	400 00	280 31	119 69
Music fees, 1898.....	97 63	97 63	.....
President's expenses.....	45 02	45 02	.....
South farm.....	204 00	155 30	48 70
Summer school at Biological Station.....	81 80	81 80	.....
Washington delegate.....	81 05	81 05	.....
	\$94,895 24	\$80,839 68	\$13,955 56

## PAPER B—STATE APPROPRIATIONS.

1895-1897.	Received.	Expended.	Balance.	Assigned.
<i>Apparatus and material—</i>	\$6,000 00	\$6,000 00	.....	.....
<i>Cabinets—</i>				
Botany.....	\$666 66	\$412 51	\$254 15	\$254 15
Geology.....	666 67	652 86	13 81	13 81
Zoölogy.....	666 67	338 10	328 57	328 57
	\$2,000 00	\$1,403 47	\$596 53	\$596 53
1897-1899.	Received.	Expended.	Balance.	Assigned.
<i>Endowment Fund Interest.....</i>	\$24,250 03	\$24,250 03	.....	.....
<i>Fire protection.....</i>	\$2,000 00	\$1,462 14	\$537 86	\$537 86
<i>Taxes on Minnesota Lands.....</i>	\$3,600 00	\$3,342 67	\$257 33	\$257 33
<i>Vaccine Laboratory.....</i>	\$2,400 00	\$1,337 39	\$1,062 61	\$1,062 61
<i>Chemical Laboratory equipment.....</i>	\$5,000 00	\$4,546 01	\$453 99	\$453 99
<i>Pavements and walks.....</i>	\$4,000 00	\$3,515 52	\$484 48	\$484 48

## Paper B—State Appropriations—Continued.

1897-1899.	Received.	Expended	Balance.	Assigned.
<i>Library</i> .....	\$15,000 00	\$8,453 29	\$6,546 71	\$6,546 71
<i>Shop practice</i> .....	\$3,000 00	\$1,932 45	\$1,067 55	\$1,067 55
<i>Water survey</i> .....	\$3,750 00	\$3,555 77	\$194 23	\$194 23
<i>Cabinets</i> .....	\$2,000 00	.....	\$2,000 00	\$2,000 00
<i>Engineering equipment—</i>				
Architecture.....	\$586 64	\$642 34	.....	.....
Civil engineering.....	500 00	526 51	.....	.....
Mechanical engineering.....	3,750 00	3,044 51	.....	.....
Physics and electrical engineering.....	3,970 29	5,049 26	.....	.....
Theoretical and applied mechanics and municipal and sanitary engineering.....	1,000 00	1,144 47	.....	.....
College (in general).....	5,193 07	5,336 92	.....	.....
	\$15,000 00	\$15,744 01	.....	.....
<i>Apparatus and materials—</i>				
Closed out.....	\$200 00	\$200 00	.....	.....
Applied chemistry.....	175 00	87 60	\$87 40	\$87 40
Astronomical Observatory.....	970 00	860 11	109 89	109 89
Botany and horticulture.....	740 00	677 92	62 08	62 08
Chemistry.....	1,000 00	918 62	81 38	81 38
Physiology.....	1,000 00	482 07	517 93	517 93
Psychology.....	350 00	166 36	183 64	183 64
Zoology.....	400 00	114 21	285 79	285 79
Geology.....	450 00	12 01	437 99	437 99
Unassigned.....	715 00	.....	715 00	.....
	\$6,000 00	\$3,518 90	\$2,481 10	\$1,766 10
<i>Salaries, etc.—</i>				
Closed out.....	\$9,926 92	\$9,926 92	.....	.....
Salaries for instruction.....	87,636 68	87,636 68	.....	.....
Salaries for services.....	15,471 24	15,471 24	.....	.....
Accredited schools.....	1,000 00	378 33	\$621 67	\$621 67
Advertising and postage.....	6,000 00	2,764 72	3,235 28	3,235 28
Administrative offices.....	300 00	126 50	173 50	173 50
Agricultural department.....	5,371 00	4,744 08	626 92	626 92
Art and design.....	650 00	285 31	364 69	364 69
Band and military scholarships.....	30 00	15 00	15 00	15 00
Buildings and grounds.....	9,793 98	9,700 78	93 20	93 20
Board expenses.....	500 00	375 14	124 86	124 86
Coal tests.....	150 00	150 00	.....	.....
College of Literature and Arts.....	250 00	23 99	226 01	226 01
Decorating Library Hall.....	3,500 00	2,500 00	1,000 00	1,000 00
Food investigation.....	500 00	.....	500 00	500 00
Fuel and lights.....	5,000 00	3,602 78	1,397 22	1,397 22
Furniture and fixtures.....	1,675 00	1,332 16	342 84	342 84
Heating apparatus.....	2,580 00	2,017 35	562 65	562 65
Heating plant.....	2,311 90	1,790 70	521 20	521 20
Illinois Agriculturist.....	198 40	123 40	75 00	75 00
Illinois Field.....	3,000 30	2,550 00	450 00	450 00
Illini.....	1,000 00	625 00	375 00	375 00
Illio.....	200 00	100 00	100 00	100 00
Law School.....	249 94	80 58	169 36	169 36
Lectures.....	500 00	36 80	463 20	463 20
Library furniture and shelving.....	500 00	500 00	.....	.....
Library supplies.....	950 00	802 87	147 13	147 13
Lockjaw experiment.....	50 00	24 40	25 60	25 60
Mechanical engineering shops.....	510 00	199 51	310 49	310 49
Oratorical contest.....	400 00	200 00	200 00	200 00
Preparatory School.....	500 00	65 35	434 65	434 65
Photographic equipment.....	300 00	60 93	239 07	239 07
Physical training.....	1,000 00	590 68	409 32	409 32
School of Music.....	750 00	643 34	106 66	106 66
Southern Illinois land experiments.....	35 00	.....	35 00	35 00
Stationery and printing.....	500 00	136 13	363 87	363 87
Technograph.....	200 00	100 00	100 00	100 00
Typewriting bureau.....	250 00	199 23	50 77	50 77
Water supply.....	500 00	250 00	250 00	250 00
Woman's department.....	300 00	.....	300 00	300 00
Unassigned.....	5,459 94	.....	5,459 94	.....
	\$170,000 00	\$150,129 90	\$19,870 10	\$14,410 16

## PAPER C—UNITED STATES FUND.

Year ending June 30, 1899.	Received.	Expended	Balance.	Assigned.
Salaries for instruction.....	\$24,000 00	\$15,559 76	\$8,440 24	\$8,440 24

## PAPER D—LABORATORY OF NATURAL HISTORY.

1895-1897.	Received.	Expended	Balance.	Assigned.
General balance, July 1, 1896.....	\$253 68	\$32 20	\$221 38	\$221 38
Closed out.....	9,650 00	9,650 00		
Report of Entomologist.....	250 00	250 00		
	\$10,153 68	\$9,932 30	\$221 38	\$221 38

  

1897-1899.	Appropriated.	Expended.	Balance.	Assigned.
Salaries and assistants.....	\$8,000 00	\$6,373 15	\$1,626 85	\$1,626 85
Field, office, etc.....	3,000 00	2,308 09	691 91	691 91
Library.....	3,000 00	1,874 42	1,125 58	1,125 58
Bulletins.....	1,500 00	824 89	675 11	675 11
Report of Entomologist.....	500 00	117 33	382 67	382 67
Biological Experiment Station.....	6,000 00	4,403 43	1,596 57	1,596 57
	\$22,000 00	\$15,901 31	\$6,098 69	\$6,098 69

## PAPER E—AGRICULTURAL EXPERIMENT STATION.

1898-1899.	Appropriated.	Expended.	Balance.
<i>General Fund—</i>			
Salaries.....	\$3,646 64	\$3,646 64	
Labor.....	1,600 00	1,451 83	\$148 17
Publications.....	685 00	684 49	51
Postage and stationery.....	62 60	62 60	
Freight and express.....	42 28	42 28	
Heat, light, and water.....	120 00	120 00	
Chemical supplies.....	61 50	58 11	3 39
Seeds, plants, and sundries.....	13 31	13 31	
Feeding stuffs.....	296 10	296 10	
Library.....	25 00	25 00	
Tools, implements, and machinery.....	166 95	155 41	11 54
Scientific apparatus.....	310 00	308 30	1 70
Traveling expenses.....	187 12	138 35	48 77
Contingent expenses.....	223 50	214 47	9 03
Buildings and repairs.....	60 00	53 49	6 51
	\$7,500 00	\$7,270 38	\$229 62
<i>Farm Fund—</i>			
Labor.....	\$1,505 00	\$1,492 88	\$12 12
Seeds, etc.....	645 00	601 82	43 18
	\$2,150 00	\$2,094 70	\$55 30

## PAPER F—SCHOOL OF PHARMACY.

1898-1899.	Appropriated.	Expended.
Salaries for instruction.....	\$1,285 65	\$1,285 65
Salaries for services.....	750 00	750 00
Buildings and grounds.....	1,631 70	1,631 70
Fuel and lights.....	305 80	305 80
Stationery and printing.....	134 01	134 01
Laboratories.....	603 79	603 79
Incidentals.....	169 56	169 56
Advertising.....	747 14	747 14
Furniture and fixtures.....	22 57	22 57
	\$5,650 22	\$5,650 22

## PAPER G—SCHOOL OF MEDICINE.

1898-1899.	Appropriated.	Expended.	Balance.
Salaries for instruction.....	\$1,440 00	\$1,440 00	.....
Salaries for services.....	3,258 53	3,258 53	.....
Buildings and grounds.....	9,262 81	9,262 81	.....
Fuel and lights.....	720 72	720 72	.....
Stationery and printing.....	334 31	334 31	.....
Laboratories.....	677 83	677 83	.....
Library.....	78 20	78 20	.....
Apparatus and materials.....	2,757 72	2,757 72	.....
Incidentals.....	430 05	430 05	.....
Advertising.....	1,512 14	1,512 14	.....
Furniture and fixtures.....	647 47	647 47	.....
Unassigned.....	880 22	.....	\$880 22
	\$22,000 00	\$21,119 78	\$880 22

PAPER L—RECEIPTS BY THE BUSINESS MANAGER FOR THE THREE MONTHS ENDING  
DECEMBER 31, 1898.

University fees.....	\$7,979 75	
Preparatory School fees.....	1,038 50	
School of Medicine.....	26,709 70	
School of Pharmacy.....	7,542 50	
Agricultural Experiment Station.....	1,069 33	
Land contracts, principal.....	2,256 32	
Interest on land contracts.....	836 28	
Minnesota lands, rent.....	294 50	
Laboratory applied mechanics.....	21 00	
Incidentals.....	61 40	
Blue print room.....	236 90	
Fuel and lights, coal.....	188 32	
Repair shop.....	131 50	
Buildings and grounds.....	112 85	
Chemical laboratory.....	335 40	
Greenhouse.....	49 31	
Locker fees.....	197 00	
		\$49,060 56

*Paper M* is a list of general University vouchers presented for audit, being 551 to 1,350, inclusive.

*Paper N* is a list of Laboratory of Natural History vouchers presented for audit, being 88 to 175, inclusive.

*Paper O* is a list of the Agricultural Experiment Station vouchers presented for audit, being 101 to 228, inclusive.

*Paper P* is a list of vouchers of the School of Pharmacy presented for audit, being 12 to 75, inclusive.

*Paper Q* is a list of School of Medicine vouchers presented for audit, being 108 to 250, inclusive.

*Paper R* is an inventory of apparatus, material, and furniture.

## PAPER R—INVENTORY, JULY 1, 1898.

*Books, Apparatus, Equipment, Specimens, Supplies, Etc.*

DEPARTMENT.	PERMANENT	PERMANENT	VARIABLE	Total.
	Museum and illustrative material.	Apparatus and equipment.	Commercial material, etc.	
Accredited schools.....	\$55 00			\$55 00
Architecture.....	3,561 58	\$1,358 15		4,919 73
Art and design.....	1,588 90	430 45		2,019 35
Art Gallery.....	2,839 37			2,839 37
Astronomy.....	7,809 65	22 08		7,831 73
Agriculture.....	2,985 90	334 25	\$162 50	3,482 65
Agricultural Experiment Station.....	12,159 18	255 42		12,414 60
Applied chemistry.....	574 15	42 85		617 00
Botanical department.....	2,205 68	3,360 00	60 00	5,625 68
Biological Experiment Station.....	3,300 00		25 00	3,325 00
Blue print room.....	272 75		113 40	386 15
Chemical.....	9,805 33	376 00	6,839 33	17,020 66
Civil engineering.....	8,587 62	958 20		9,545 83
College of Engineering.....	1,292 42			1,292 42
College of Literature and Arts.....	11 00			11 00
Electrical engineering.....	8,457 56	1,156 28	233 24	9,847 08
English.....	3 00			3 00
Geology.....	2,036 63	17,479 15	326 00	19,841 78
German.....	14 00			14 00
Greek.....	431 72			431 72
History.....	13 00			13 00
Laboratory of Natural History.....	26,963 79		35 00	25,998 79
Laboratory of applied mechanics.....	5,731 20	85 15		5,816 35
Library.....	43,916 86		165 10	43,981 96
Latin.....	120 00			120 00
Library school.....			50 45	50 45
Mathematics.....	332 33			332 33
Mechanical engineering.....	18,980 97	780 60	1,281 63	21,043 20
Military.....	17,606 52			17,606 52
Museum.....	10,000 00			10,000 00
Preparatory School.....	226 34	25 00	5 00	256 34
Physiology.....	1,984 14	155 50	100 00	2,239 64
Physics laboratory.....	11,502 06		202 22	11,711 28
Psychology.....	887 67			887 67
Physical training.....	1,522 74			1,522 74
Public law and administration.....	46 75			46 75
Romanic languages.....	22 00			22 00
School of Music.....	2,285 80			2,285 80
Steam department.....	52,783 70		498 15	53,281 85
Veterinary science.....	1,135 75	25 00	15 00	1,175 75
Zoölogy science.....	3,906 42	2,005 00	126 75	6,038 17
Total.....	\$266,859 49	\$28,849 08	\$10,245 77	\$305,954 34

*Furniture and Fixtures.*

Agricultural Experiment Station.....		\$605 00	
Astronomical Observatory.....		219 40	
Chemical Laboratory.....		4,074 89	
Engineering Hall—			
Architecture.....	\$2,723 20		
Civil engineering.....	1,736 03		
College in general.....	466 02		
Library.....	483 25		
Municipal and sanitary engineering.....	1,048 43		
Mechanical department.....	2,409 98		
Physics and electricity.....	3,009 20	11,876 11	
Men's gymnasium.....		1,821 80	
Military Hall.....		402 00	
Fire protection.....		373 00	
Natural History Hall.....		5,665 50	
University Hall.....		12,818 00	
Library Hall.....		5,000 00	\$42,855 69
Grand total.....			\$348,810 03

Respectfully submitted,

S. W. SHATTUCK, *Business Manager.*

On motion of Mr. Smith appropriations were made in accordance with the recommendations of the Business Manager as follows:

*Appropriations for the three months ending June 30, 1899.*

Board expenses.....	\$400 00	
Salaries for instruction.....	30,000 00	
Salaries for services.....	5,000 00	
Buildings and grounds.....	3,000 00	
Fuel and lights and electric power.....	4,000 00	
Stationery, printing, etc.....	500 00	
Repair shop.....	1,000 00	
Agricultural department.....	600 00	
Laboratories.....	600 00	
Library and apparatus.....	50 00	
Incidentals.....	600 00	
Furniture and fixtures.....	400 00	
Heating apparatus.....	500 00	
Water supply.....	250 00	
Minnesota lands.....	200 00	
Blue print room.....	200 00	
Band scholarships.....	200 00	
Library School.....	200 00	
		\$47,700 00
School of Pharmacy.....	2,000 00	
School of Medicine.....	10,000 00	
Agricultural Experiment Station.....	4,510 00	
Laboratory of Natural History.....	2,000 00	
Water survey of State.....	750 00	
		\$19,260 00
		\$66,960 00

Board adjourned.

ALEXANDER McLEAN, *President.*

W. L. PILLSBURY, *Secretary.*

## MEETING OF APRIL 19, 1899.

The following call for a special meeting of the Board of Trustees of the University of Illinois was issued April 11, 1899.

"Upon the call of the president, Mr. Alexander McLean, there will be a special meeting of the Board of Trustees of the University of Illinois at 9 o'clock a. m., Wednesday, April 19, 1899, at the Sherman House, in Chicago, Ill., to authorize conferring degrees upon students to be graduated from the School of Medicine and the School of Pharmacy of the University upon the 19th and 20th inst.; to consider appropriations; and to transact such other business as may be presented."

The members present were Messrs; Bayliss, Bullard, Fulkerson, Hatch, McKay, McLean, Nightingale, and Smith and Mrs. Abbott, and Mrs. Flower; absent, Governor Tanner and Mrs. Carriel.

### COMMUNICATIONS FROM PRESIDENT DRAPER.

*To the Board of Trustees.*

The following named persons are certified by the Faculty of the School of Medicine as having completed the course and being entitled to the degree of Doctor of Medicine, and it is recommended that authority be given to confer said degree upon them.

### LIST OF GRADUATES OF THE COLLEGE OF PHYSICIANS AND SURGEONS, SCHOOL OF MEDICINE, UNIVERSITY OF ILLINOIS, APRIL 19, 1899.

Charles A. Albrecht,	Conrad Howard Czar-	Abbott E. Kay,	Frederick Wolfgang
Hubert Franklin Andrews,	John Milton Edwards,	Luke H. Kelley,	Meyers,
J. W. Backus,	Leon Feingold,	Russell Calvin Kelsey,	Wilhelm Carolins Ol-
Ernest Stanley Barker,	Marie A. Fellows,	M. D.,	sen,
Frederick Louis Barnes,	George Carl Fisher,	Matthias Joseph Klein,	James Alphonse
Hiram H. Bay,	Ira Frank,	W. E. Klokke,	Peters,
August Frederick Bechtold,	Frank Lesley Freas,	F. B. Knudson,	Benjamin Merchant
Lora L. Beedy,	James William Garth,	Eugene O. Koenemann,	Platt, M. D.,
E. E. Best, M. D.,	Henry Gathman,	Albert G. Kreuger,	Valdemar Pleth, M. D.,
Jonathan Clymont Betz,	Robert J. Goggin,	Thomas G. Laffry,	Jesse Young Potter,
James Moreau Brown,	B. C. Grabowicz,	Albert Robert Lemke,	Frank P. Ramsey,
Geo. Stillman Brown-	John Patrick Grimes,	William Henry Lerch,	Elmer J. Raw,
ing,	James Lloyd Ham-	Ross David Long,	M. A. Reasoner,
Thomas Jerome Burke,	mond,	W. E. Long,	William Frederic
John H. Bush,	Frederick G. Harris,	David Ellsworth Lu-	Reich,
Clarence Albert Butler,	Harvey C. Heald,	cas,	G. R. Rich,
Wm. Bernard Campbell,	A. E. Herzog,	Robert G. McCarthy,	F. F. Richards,
Henry Colistue Carroll,	Thomas R. Hillard,	Alberta V. McClung,	Herman Richard Rus-
W. H. Chambers, M. D.,	A. B.,	M. D.,	sell,
E. A. Chloupek,	Henry J. Hillebrand,	Charles Alfred McCor-	Philip G. Sanderson,
C. M. Coen,	Mrs. Helen Taylor	mick, M. D.,	George Francis Scheib,
L. G. Crosby,	Hisom,	Oscar Eugene McWili-	B. S.,
	Hanna Luella Hukill,	iams,	Gustav Schmidt, M.D.,
	C. C. Hummel,	O. E. Macy,	Albert J. Schoenberg,
	Mary Gill Hunter, M. D.,	E. H. Madajesky,	Charles E. Sisson,
	A. Jacobson,	F. F. Markey,	Clarence Howard
	Herman Janss,	John Eugene Metcalf,	Slightman,
		Frank William Meyers,	Thurston Smith,
		Frank D. Moore,	Frank B. Steele,

A. W. Stillians,	Edmund Walter Timm,	John Valentine Wen-	Edward Clark Winans,
Samuel Martin Stro-	John Harrold Turner,	zel,	Glenn Wood,
hecker,	James Lawson Walsh,	James William Wher-	William Kriebel Yeak-
John Stuart,	Edwin W. Waincek,	ry,	el,
Eugene A. Sullivan,	Carl E. L. Weber,	Eugene Rudolph Whit-	Sallie A. Yingst,
J. E. Swanson,	Ernest August Weich-	more,	Kasimer A. Zurawski,
John Richard Taylor,	brodt, M. D.,	LeRoy Alvin Wilson,	
Theodore Tieten,			

The following named persons are certified by the Faculty of the School of Pharmacy to be entitled to the degree of Graduate in Pharmacy, and it is recommended that the authority be given for conferring the same upon them:

LIST OF GRADUATES OF THE SCHOOL OF PHARMACY OF THE UNIVERSITY OF ILLINOIS.

George Edwin Arnold,	Joseph Anthony Hellmuth,	William Conrad Reuter,
Charles Walter Bartells,	Charles Herbold,	Andrew Jackson Robson,
Carl August Bernhardt Biese,	Alva Andrew Johnson,	Chas. Howard Schimelfenig,
Horatio Thomas Addis Brady,	Walter August Jungk,	Jacob Schrodt,
William John Buchholtz,	John Wright Martin,	Daniel Peter Seibert,
John Samuel Chism,	Zebina Earle Marvin,	William Edward Snyder,
Adolph Dauber,	Alonzo Edward Meinzer,	Isa Belle Sturges,
Cyrus Justin Davis,	Albert Michelmann,	Harold Gideon Swanson,
August Eipper,	Jay Howard Mitchell,	George Owen Taylor,
Louis Albert Elisburg,	Howard Arthur Nickerson,	Raymond Eugene Taylor,
Geo. Christopher Goepfner,	Luther Hansford Phipps,	DeWitt Snow Vannata,
Grove Greene,	Emil Emil Pick,	Frederick Wilhelm Woelz,
Frank Preston Haeseler,	Frank Joseph Fokorney,	William Zerbst,
Albert Henry Heidbreder,	Walter Thomas Price,	

A. S. DRAPER,  
*President.*

Upon motion of Mr. Smith, it was voted that authority be given to confer degrees as recommended upon the persons named in the foregoing communication.

AGRICULTURAL DEPARTMENT AND BUILDINGS.

*To the Board of Trustees.*

The appropriation of \$150,000 for an agricultural plant for the University will always remain a notable event in our history. In all the provision which has been made in many states for agricultural education, the generosity of this munificent sum given at one time, is unprecedented. It offers us a great opportunity and forces upon us a vast responsibility. With so much money to use at once we ought to erect the most suitable and comprehensive group of structures for agricultural purposes to be found in the country.

Before erecting buildings it is necessary to decide upon policies and methods of operation. To this large subject I have given much thought and investigation for several months. Without going into statements of facts or arguments here, I advise the adoption of the plan outlined as follows:

1. Open an Agricultural School; provide departments which are ordinarily found in a good high school and also establish courses in elementary agriculture and allied subjects; admit students who are fourteen years of age and over and who have completed the work in a grammar school approved by the State Superintendent of Public Instruction; make the work elective as to agricultural students so far as consistent with the interests of agricultural education and with the standing we are bound to command for the diploma of the school, and at the completion of the required course confer a diploma, but not a degree; let the diploma of this school admit to the College of Agriculture in the University; incidentally admit to this high school students who do not intend to pursue the study of agriculture, but to prepare for other work in the University, provided they are without high school privileges at home, or bring a letter from the principal of the high school which they would naturally attend, requesting their admission, and for the requisite work certify them to any University department; charge all the students in this school the usual fees for non-matriculants.



2. Constitute the Faculty of this school of the University teachers in technical agricultural subjects, and also of teachers of subjects of secondary school grades which are of general culture value.

3. When this school is opened discontinue the present Preparatory School.

4. Continue and strengthen the present Agricultural College in the University; locate its officers and teachers and carry on all work in technical agriculture at the agricultural buildings: but keep all other work of college grade, which is within the scope of any one of the scientific departments already established, with that department.

5. Erect a group of agricultural buildings to the south of and west of University hall: let the center building of the group provide offices for the Dean of the College of Agriculture and Director of the Experiment Station, for the Principal of the Agricultural School; and also class-rooms, elementary laboratories, and a room large enough for a general assembly of students: let the cost of this central building not exceed half of the appropriation: surround this center building with structures of more economic construction which shall lend themselves to the actual process of propagation and demonstration in departments of soil and crops, animal husbandry, dairying, horticulture, etc. Provisions should also be made in this group of buildings for an experimental kitchen, or other facilities for experimentation in the contemplated department of domestic economy. The architecture of this group of buildings should be symmetrical and picturesque, and all of the interior arrangements may easily be made, and should be made, attractive: when completed and the work started, the agricultural group should prove even more fascinating to students and visitors than other University buildings.

6. Proceed at once to secure designs for buildings and start the construction as soon as may be, with the expectation that the work can not be finished this year, but with a determination to have all in readiness by the opening of the University in the fall of 1900.

A. S. DRAPER,

*President.*

It was voted to refer this paper to a special committee consisting of the Committee on Agriculture and three other members to be appointed by the chair, the committee to report at an adjourned meeting of the board, which it was proposed to hold soon. Mrs. Flower, Mr. Nightingale, and President Draper were appointed additional members of this committee.

#### FACTULTY OF THE COLLEGE OF AGRICULTURE.

##### *To the Board of Trustees.*

A measure has passed both houses of the Legislature, and in all probability will become a law directly, which provides that at least half of the income of the Land Grant Acts shall be expended in providing instruction in agriculture. In view of this act and of the early construction of an extensive agricultural plant, it seems well to consider the question whether some additions should not be made to the faculty of the College of Agriculture at an early day. It is quite likely that some additions could be made to our general advantage, and doubtless such additions could give us material assistance in planning the details of our new structures.

A. S. DRAPER,

*President.*

This communication was referred to the same special committee as the foregoing communication.

#### REPAIRS AND MINOR IMPROVEMENTS.

##### *To the Board of Trustees.*

The University Appropriation Bill make provision for several minor improvements. One of these gives \$10,000.00 for a water plant; another, \$3,000.00 for a swimming tank at the men's gymnasium; another, \$3,000.00 per annum for pavements and walks; another, \$5,000.00 per annum for painting and repairs of buildings and improvements to grounds; another, \$2,000.00 per annum for drainage, fencing, etc., on the Experiment Farm and maintenance of barns; another, \$10,000.00 for the purchase of small parcels of land surrounded by University lands; and another, \$3,000.00 for wiring University Hall and Natural History Hall and purchasing electric light fixtures.

All of these appropriations, except half of such as are made annually for two years, will be available after July 1st. The work involved should be done in the vacation and be out of the way before the opening of the fall term, for the operations of the University are seriously embarrassed by the progress of the work in term time upon our roadways or in structures which we are using. It is therefore recommended that the Committee on Buildings and Grounds be authorized to arrange at once for carrying out the improvements contemplated, in the hope of completing them before the end of the vacation.

As to pavements, it is obvious that what we are to do in the two years should be done at the same time, and it is desirable that we should have the advantage of all the pavement authorized at as early a day as practicable. I have advised with Professor Talbot, who is accustomed to pay attention to such matters, and concur in his recommendation that a pavement twenty feet wide be laid on Burrill avenue from Green street to Springfield avenue; one thirty-two feet wide on Springfield avenue from Burrill avenue to Romine street; and one thirty feet wide on Mathews avenue from Green street to California avenue. The expense of the first two pieces is estimated by Professor Talbot at \$4,300.00 and of one-half of the last piece (the other half being paid by abutting property owners on the other side), at \$2,400.00. These sums would more than exhaust the appropriation for the two years, but the business manager advises that we may anticipate the appropriation for next year without difficulty, and the few hundred dollars of excess may properly be drawn from the fund for improvements to grounds.

The pavement proposed is first quality of shale paving brick on concrete foundation with concrete curb and gutter.

It is recommended that the funds above mentioned be appropriated to the purposes for which they are intended, that the pavement specified be authorized, and that the Committee on Buildings and Grounds and the Superintendent of Buildings and Grounds have charge of the work.

A. S. DRAPER,  
*President.*

The recommendations of this communication were approved and the Committee on Buildings and Grounds was given discretionary power, and instructed, to carry them out.

The several sums of money named therein, when received, are to be considered appropriated as recommended.

#### UNIVERSITY PUBLICATIONS.

##### *To the Board of Trustees.*

It seems to me that the time is ripe for the somewhat radical change in the form and character of certain University publications. We have outgrown the *Illini*. It is better suited to the conditions of a small college or a normal school than to those of a large university. It does not carry the University

news to the University settlement, for it appears so seldom and so late. It comes far short of being a suitable vehicle for substantial University productions. The division of support and of responsibility between the University management and the students is sometimes embarrassing to both. The students are ready for a change, and we have advised together and practically agreed about it.

To effect it the following recommendations are made:

1. That the form of the *Illini* be changed to a small four page newspaper to be issued semi-weekly or tri-weekly and to carry mainly University notices and the small items of news, and that the management be by the students, but that the University guarantee a salary of \$100 per year to the editor and business manager each, the same to be paid at the end of the year in case the income from the enterprise is not sufficient to pay the same from that source.

2. That a series of University bulletins be commenced; that this publication be issued whenever material is at hand for one, and that such material shall comprise carefully prepared papers upon research work; that the *Technograph*, the *Agriculturist*, and publications of that character, be merged in this; and that the form and contents of the publication be entrusted to the Council of Administration, and that the expense be born exclusively by the University.

A. S. DRAPER,  
*President.*

This communication was referred to the Committee on Publication and the Committee was directed to report at the adjourned meeting.

DONATION BY HON. WILLIAM J. BRYAN.

*To the Board of Trustees.*

Some weeks ago Hon. William J. Bryan, candidate for the presidency at the last election, made an address in Champaign and the next day called upon me and presented to the University the sum of two hundred and fifty (\$250) dollars, with the following letter:

"Dr. Andrew S. Draper, President University of Illinois,

MY DEAR SIR:—In order to encourage among the students the study of the subject of government, I hereby propose to give to the University of Illinois two hundred and fifty dollars, said sum to be invested and the annual proceeds used for the best essay upon the science of government.

Yours truly,

W. J. BRYAN."

I have paid the money to the Business Manager, and recommend that it be added to the General Fund and that a gold medal of the value of twenty-five (\$25.00) dollars, to be known as the W. J. Bryan prize, be given every second year for the best essay relating to the science of government, and that the thanks of the University be expressed to the donor.

A. S. DRAPER,  
*President.*

Mr. Smith moved to accept the donation and to use it as recommended.

The motion was adopted on the following vote: Yeas, Fulkerson, Bayliss, McLean, Bullard, Smith, Nightingale, Flower, Abbott; nays, McKay, Hatch.

Mr. Hatch offered the following resolution, which was adopted:

*Resolved*, That in approving plans and in letting contracts for new buildings the approving and letting be done by the full Board.

## LEGISLATIVE APPROPRIATIONS.

*To the Board of Trustees.*

The undersigned special committee, appointed at the December meeting to present to the Legislature the requests of the University for appropriations, reports that it has performed that duty and that appropriations have been made in the University appropriation bill for the biennial period, as follows:

Taxes on Minnesota lands.....	\$4,000 00
Salaries, etc.....	270,000 00
Apparatus and appliances.....	6,000 00
Libraries.....	20,000 00
Materials for shop practice.....	4,000 00
Cabinets and collections.....	2,000 00
Fire protection.....	2,000 00
Pavements and walks.....	6,000 00
Vaccine laboratory.....	2,400 00
Engineering department.....	20,000 00
Repairs to buildings and improvement of grounds.....	10,000 00
Astronomical apparatus.....	6,000 00
State water analysis.....	6,000 00
Improvements at Experiment farm and barns.....	4,000 00
Loss by fire at Natural History Hall.....	4,166 61
Agricultural buildings.....	150,000 00
Women's building.....	40,000 00
Department of Domestic Economy.....	10,000 00
Purchase of small parcels of land.....	10,000 00
Water plant.....	10,000 00
Furnishing electric building.....	1,000 00
Electric lights, University Hall, Natural History Hall.....	3,000 00
Swimming pool at men's gymnasium.....	3,000 00
	<hr/>
	\$593,566 61

An appropriation of \$50,000.00 was also secured in the General Appropriation Bill for interest on the University Endowment for the last half of the year 1899 and for the year 1900, and also for the arrears of interest accruing in the year ending June 11, 1897, the date upon which the act of the Fortieth General Assembly, relating to the endowment, became a law.

The usual bill has been passed turning over to the University the proceeds of the later congressional acts.

Each of the bills above referred to is now awaiting the approval of the Governor.

S. A. BULLARD,  
A. S. DRAPER,  
*President.*

The report of the committee was received for record.

Mrs. Flower, from the Committee on Students' Welfare, made an informal report with regard to a lunch room.

The Committee was asked to make a fuller report, giving detail as to expense, at the adjourned meeting.

On motion of Mr. McKay, the following resolution of thanks to Governor Tanner was adopted:

*Resolved*, That the thanks of this Board are hereby tendered to Governor Tanner for earnest efforts to secure liberal appropriations for the University by the Forty-first General Assembly.

Mr. Bullard from a special committee appointed to consider and report upon a proper memorial for professor Turner, made an informal report, but no action was taken.

On motion of Mrs. Flower, the following resolution of thanks to Senator H. M. Dunlap was adopted:

*Resolved*, That the Board of Trustees is grateful to Senator Henry M. Dunlap for the good judgment and tireless energy which has made him such an important factor in securing University appropriations of unprecedented liberality.

On motion of Mr. Nightingale, the following resolution was adopted:

*Resolved*, That when we return to the Forty-first General Assembly the appreciative acknowledgements of all friends of the University for that generous treatment of University interests which will enable it to take still more advanced ground. We take the same as proof of the desire of all of the people of the State and their State University shall occupy a position of first prominence in the country, and we give renewed assurances of every effort on our part to attain that desirable end.

The Board adjourned to meet at 9 o'clock a. m., Friday, May 5, 1899, in the trustees room in Library Building, Urbana, Illinois.

ALEXANDER McLEAN,

*President.*

W. L. PILLSBURY,

*Secretary.*

#### ADJOURNED SESSION, MAY 5, 1899.

When the Board of Trustees met pursuant to adjournment the members present were Messrs. Bullard, Fulkerson, Hatch, McKay, McLean, Nightingale, and Smith, and Mrs. Abbott and Mrs. Carriel; those absent were Governor Tanner, Mr. Bayliss, and Mrs. Flower.

#### PAPERS PRESENTED BY PRESIDENT DRAPER.

President Draper presented papers concerning appointments to the corps of instruction of the School of Medicine and concerning certain appropriations desired by the school.

These papers were referred to the Committee on the School of Medicine.

President Draper presented the following communication from the Director of the State Laboratory of Natural History, Professor S. A. Forbes, and suggested that Professor Forbes be asked to come in and make such explanations as he might desire to make with regard to the paper.

#### STATE LABORATORY OF NATURAL HISTORY.

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

GENTLEMEN:—The Legislative appropriations in support of the State work for which I am responsible as State Entomologist and as Director of the State Laboratory of Natural History were made at the last session according to the plan proposed to you at your January meeting in Chicago; that is, as items in the general appropriation bill for the expenses of the State Government, instead of in an independent bill as heretofore. The sums appropriated are \$4,000 per annum to the State Entomologist and \$9,000 per annum to the State Laboratory of Natural History, making \$13,000 per annum instead of \$11,000 per annum appropriated at the last session. An additional item appropriates

\$750 per annum to the State Agricultural Experiment station for the publication of my reports as State Entomologist—an arrangement which gives me the advantage of the station frank and address list, and gives the Station the benefit of regular bulletin publications on entomological subjects without any burden upon the station funds. If to these sums we add \$8,000 appropriated in another bill to the State Entomologist for the destruction of the San José scale, we have \$35,500, which, with the addition to the State salary of the entomologist makes a total of \$39,500 available for the maintenance of my entomological and general zoölogical operations for the next biennial period.

These sums are made payable from the State treasury on receipted vouchers only, and the funds consequently do not come into the possession of the Treasurer of the Board of Trustees of the University. The \$750 per annum to the Experiment Station and the \$9,000 per annum to the State Laboratory of Natural History are subject to the control of the board, the remaining appropriations being made to the State Entomologist direct. As these are the first appropriations which have been made to the State Laboratory in this form I would suggest that vouchers be made payable upon the approval of the Director of the Laboratory, and that he be required to make a quarterly financial report to the trustees. At your June meeting I will submit a scheme for the more specific assignment of these appropriations, but for the present I have only to ask that I be authorized to employ as entomological assistant in the State Laboratory of Natural History Miss Alice M. Beach, at a salary of \$60 per month.

Miss Beach is a graduate of Iowa Agricultural College, where she took extensive entomological work under Professor Herbert Osborn, now Professor of zoölogy at Ohio State University. She followed this with entomological work and teaching at the University of Minnesota and with the work of Entomological Curator at the New York Agricultural Experiment Station. She is now assisting the State Entomologist of New York. As I shall have to engage Miss Beach at once to secure her, I would like to have her engagement date from June first.

Respectfully submitted,

S. A. FORBES,

Urbana, Ill., May 3, 1899.

*Director of the Laboratory.*

A little later, Professor Forbes having come in, and his communication having been considered, on motion of Mr. Smith, it was voted to appoint Miss Alice M. Beach as an entomological assistant in the State Laboratory of Natural History at a salary \$60.00 a month, her engagement to date from June 1, 1899.

President Draper presented a communication from Mr. Spencer, Superintendent of Buildings and Grounds, concerning the discharge of the head gardner, Mr. Uttenweiler, and the promotion of his assistant, Mr. Fred Atkinson, to his place.

The communication was referred to the Committee on Buildings and Grounds.

President Draper presented the communications from the professors of agriculture.

These papers were referred to the special committee appointed to consider matters concerning the Agricultural Department of the University at the last meeting of the Board.

President Draper also presented the following letter, which was referred to the same committee:

## SCHOLARSHIPS FOR AGRICULTURAL STUDENTS.

ILLINOIS FARMERS' INSTITUTE,  
OFFICE OF THE SECRETARY,  
STATE HOUSE, SPRINGFIELD, ILL., May 3, 1899.

*Eugene Davenport, Dean of the College of Agriculture, Urbana, Ill.*

DEAR SIR:—At the meeting of the Executive Committee of the Illinois Farmers' Institute, the following resolution was adopted:

*To the Honorable Board of Trustees, University of Illinois.*

GENTLEMEN:—Whereas, the recent legislature has set aside one-half of the funds for industrial education derived from the enactments by the general government, to be used in Illinois for agricultural education, and has also made an appropriation of \$150,000 for an agricultural college building and equipments, therefore we respectfully recommend, that in order to create a greater interest in agricultural education and the College of Agriculture, the Trustees of the University of Illinois provide for a scholarship in the College of Agriculture to be given to one person from each county in the State, upon terms similar to those already providing for scholarships in the other branches of the University.

Trusting that the Trustees will adopt this recommendation and that they will regard the Illinois Farmers' Institute as a friend of the University and a co-worker on educational lines, ready to promote the interests of the University as a whole, as well as the College of Agriculture, I am, in behalf of the Farmers' Institute,

Yours respectfully,

A. B. HOSTETTER,  
*Secretary.*

Mrs. Abbott moved that the vote whereby the Committee on Buildings and Grounds was charged with the expenditure of the \$2,000 appropriated for draining, fencing, etc., on the experiment farm, and certain other appropriations, be reconsidered so far as this amount of \$2,000 is concerned, and the motion prevailed.

Mrs. Abbott then moved as a substitute that the Committee on Agriculture be charged with the expenditure of this sum, and the motion prevailed.

On motion of Mr. Nightingale, Dr. Steele and Dr. Christopher were heard in relation to certain matters concerning the School of Medicine.

Mr. McKay offered the following resolution, which was adopted:

*Resolved*, That the matter of the relations between the University and the School of Medicine presented to the Board of Trustees by Dr. Steele and Dr. Christopher be referred to the Committee on the School of Medicine, for investigation, and report to the Board at an early date; and that the entire question of sustaining a medical school be considered at the same time.

The Committee on Publication presented a report with regard to the *Illini* and other matters referred to it at the meeting of the Board held April 19th (see page 72), which report was, after discussion, recommitted with instructions to the committee to make a further report as soon as possible.

## AGRICULTURAL DEPARTMENT.

The special committee appointed at the last meeting of the Board to consider President Draper's communication with regard to the agricultural department of the University (see pages 70, 71) reported as follows:

URBANA, ILL., May 5, 1899.

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

GENTLEMEN:—The special committee to which was referred the propositions of President Draper concerning the use of the \$150,000.00 appropriated by the legislature for an agricultural plant, begs leave to report that it disapproves of the establishment of an agricultural high school, either as a distinct department or as a substitute of the existing Preparatory School; and it further reports that it is earnestly of the conviction that the entire appropriation should be devoted to the establishment of an agricultural college that shall meet the demands of the best farming intelligence of the State and provide for the children of the agriculturists and all other classes of our citizens the broadest opportunities for the highest scientific education.

The committee recommends that before the Board of Trustees decides upon the kinds and number of buildings and their equipments and upon additions to the faculty, the Committee on Agriculture, with Professors Davenport and Holden, and two others whom they may select, be empowered and directed to visit the agricultural departments of colleges of other states, study the character of their buildings and equipment, work done, and methods used, and to report to the Board of Trustees at the earliest practicable date.

The committee also recommends the selection of a competent architect at once who shall be requested to counsel with this committee before the report is presented.

Respectfully submitted,

W. H. FULKERSON,  
FRED L. HATCH,  
F. M. MCKAY.  
ALICE A. ABBOTT,  
A. S. NIGHTINGALE.

The report of the committee was adopted.

The Board adjourned to meet at 2 o'clock p. m.

AFTERNOON SESSION, MAY 5, 1899.

When the Board met after adjournment the same members were present as in the morning.

On motion of Mr. Smith, a free scholarship in the University was awarded to Chester Logan, of Edinburg.

On motion of Mr. McKay, it was voted to appoint Mr. J. C. Llewellyn architect for the erection of the agricultural building or buildings.

The following resolutions were adopted:

*Resolved*, That the President and Secretary be directed to draw upon the Auditor of Public Accounts such requisitions as the law requires in order that he may issue to the Treasurer of the University his warrants upon the said Treasurer for the sums of money appropriated by the legislature to the University of Illinois or to any of its departments, and to the State Laboratory of Natural History.



*Resolved*, That the Treasurer of the Board of Trustees of the University of Illinois be, and 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, or to any of its departments, 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.

The Secretary was instructed to procure cards and have printed upon one side a list of the members of the Board and upon the other side a list of its committees.

The Committee on Publication made the following report which was adopted, and appropriations were made as therein recommended:

ILLINI AND UNIVERSITY BULLETIN.

UNIVERSITY OF ILLINOIS, May 5, 1899.

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

GENTLEMEN:—Your Committee on Publication begs leave to report that it has had under advisement and careful consideration the matter of the subject of the change of the *Illini* from its present form to another form and plan. Your Committee has carefully heard the outgoing and incoming editors and business managers of the University publication. Your Committee begs leave to report and recommend:

1. That the *Illini* in its present form be discontinued.
2. That in place thereof there shall be published a paper in newspaper form under the direction of the *Illini Association* and under the general advice of the President of the University; and that there be appropriated in aid thereof \$200.00.

We also recommend that a high grade scientific publication, in magazine form, be issued by the University authorities as often as the materials are in hand for a number thereof; that so far as practicable each number be representative of a distinctive line of work, or of the work of one of the colleges or schools; that the Council of Administration be charged with the care of this publication, and that \$1,000 be appropriated for the support of the same for the next year.

Respectfully,

THOMAS J. SMITH, Chairman.  
S. A. BULLARD,  
ALICE A. ABBOTT.

Mr. Bullard, Chairman of the Committee on Buildings and Grounds, made a statement with regard to the location of the proposed water plant and after discussion of this statement the following resolution was adopted on motion of Mr. Nightingale:

*Resolved*, That the Committee on Buildings and Grounds be, and hereby is, requested to ascertain for what price and upon what terms the lots east of the power house can be obtained.

Mr. Fulkerson, who had been charged by the Board with the duty of ascertaining from the Illinois State Board of Agriculture what facilities would be offered the University in case it should make exhibits at the State Fair, reported that the State Board of Agriculture would grant the University for the purpose of making an exhibit a space 42 feet by 62 feet in the southeast corner of the second floor of the Textile Building, and would furnish power, water, and light needed in connection with the exhibit free of charge.

Mr. Fulkerson also said that the Board of Agriculture would, if the trustees desired to erect a building upon the fair grounds for their own use, appoint a committee to confer in regard to the matter with a committee of the Board of Trustees.

It was voted to accept the offer of space in the Textile Building.

Mr. Fulkerson nominated Mr. J. F. Prather, of Williamsville, Illinois, to be a member of the Advisory Board of the Agricultural Experiment Station, representing the Illinois State Board of Agriculture.

The nomination was approved.

Authority was given the Committee on the School of Medicine to engage a professor of physiology for the school.

Mr. McKay offered the following resolution, which was adopted:

*Resolved*, That the report of the burning in effigy of Governor Tanner by the students of the University of Illinois be referred to a special committee consisting of Mrs. Abbott, Mr. Fulkerson, and Mr. Smith for investigation and report to the Board of Trustees.

This committee made a report as follows:

URBANA, ILL., May 5, 1899.

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

GENTLEMEN:—We, the undersigned special committee, to which was referred the duty of investigating the reported burning in effigy of Governor Tanner on the evening of April 24, 1899, beg leave to state that we have carefully investigated the subject and resorted, as far as possible, to all known sources of information, and we report:

1. That the demonstration referred to did not occur on the University grounds, but did occur on the west side park, in Champaign, more than one mile distant from the University.

2. That whatever occurred at the time of the reported burning in effigy of Governor Tanner was participated in by a very small number of irresponsible persons whose names are unknown to us; that we have been unable to find any person who could identify any student of the University as being present at the said alleged burning in effigy of Governor Tanner; that whatever occurred did not cover more than ten minutes of time, and that it was done so quickly and that the parties disappeared so quietly that not many of the citizens living adjoining the park knew anything of it until they saw the account the next day in the Chicago papers.

3. We further find that the whole disturbance was and is regarded by the citizens of Champaign as unworthy of public notice, and is by them charged to hoodlums only, and that the citizens are very indignant at the report contained in the Chicago papers.

4. We report further that President Draper and the Faculty were wholly unaware of the occurrence until the next day thereafter, and that, without exception, the President, the Faculty, and the student body warmly condemn the alleged burning in effigy of Governor Tanner by whomsoever it was done.

Respectfully submitted,

W. H. FULKERSON,  
T. J. SMITH,  
ALICE A. ABBOTT.

The recommendation of the committee was approved upon motion of Mr. Hatch.

Upon motion of Mrs. Carriel, the Secretary was instructed to send a copy of it to Governor Tanner.

President Draper having announced that he was planning to take a visit to Europe during the summer vacation, Mr. Smith offered the following resolution:

*Resolved*, That the Board learns with pleasure that President Draper will make a visit abroad during the summer vacation, and that it most heartily wishes him an enjoyable trip and a safe return.

Mr. Nightingale offered the following to be sent to the Associated Press, and it was adopted and given in charge of Mrs. Abbott for transmission:

The Trustees of the University of Illinois, through a special committee, made a thorough investigation of the rumors in the public press that at a demonstration of the students on the evening of April 24, 1899, Governor Tanner was burned in effigy, and find that the whole matter was practically a canard, that the demonstration, such as it was, occurred a mile and a half away from the University grounds, that no students can be found who were identified with the affair, and that on the other hand the Faculty and student body warmly appreciate the interest taken by Governor Tanner in advancing the affairs of the State University.

The trustees greatly regret that the press should have given credence to rumors with so little foundation in fact.

On motion of McKay it was voted that the Committee on Instruction be directed to investigate the condition of affairs in the electric engineering department.

Mr. McKay requested that he be excused from going with the Committee on Agriculture to visit agricultural institutions and moved that Mr. Bullard be asked to take his place, and the motion prevailed.

Mr. Smith offered the following resolution which was adopted:

*Resolved*, That the Board of Trustees has full confidence in Governor Tanner's friendship for the University of Illinois and that we fully appreciate, and that we thank him for, his friendly assistance given to the University, personally and officially.

The Board adjourned.

W. L. PILLSBURY,

*Secretary.*

ALEXANDER MCLEAN,

*President.*

## MEETING OF JUNE 13, 14, AND 27, 1899.

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The Board of Trustees of the University of Illinois met in the Trustees' Room, Library Building, Urbana, Illinois, at 9 o'clock a. m. Tuesday, June 13, 1899.

The members present were Messrs. Bullard, Fulkerson, Hatch, McKay, McLean, Nightingale, and Smith and Mrs. Flower, Mrs. Carriel, and Mrs. Abbott; those absent were Governor Tanner and Mr. Bayliss. President Draper was also present.

The minutes of the regular meeting of March 14, 1899, of the special meeting of April 19, 1899, and of the adjourned session of that special meeting, held May 5, 1899, were presented by the Secretary and approved as presented.

### PAPERS PRESENTED BY PRESIDENT DRAPER. :

President Draper presented the following list of students recommended by the Faculty of the University to receive diplomas as indicated therein:

### GRADUATES OF 1899.

#### COLLEGE OF LITERATURE AND ARTS.

#### DEGREE OF BACHELOR OF ARTS.

##### *In Specialized Courses, Theses Required.*

Mary Constance Bigelow,	William Blake Leach,
Lucile Alice Booker,	Jesse Erle Meharry,
Mary Edith Clark,	Florence Mary Smith,
Daniel Clement Ketchum,	Lulu Catherine Woolsey,
	Roy J Railsback.

##### *In General Course, Theses not Required.*

Samuel Michael Bayard,	Ruth Cleveland Raymond,
Ruth Bennett,	Emma May Rhoads,
Clarence Edgar Boccock,	Horace Adams Rhoads,
Edith Clark,	Felix Ritchey,
Philip Henry Clark,	Walter Robert Schutt,
Daisy Garver,	Frank Thomas Sheean,
Louise Jones,	Henry David Sheean,
James Thompson Kingsbury,	Carl Edmunds Sheldon,
Ida Susan Landel,	Elma Smoot,
Ella Loftus,	Tom Woods Smurr,
Mrs. Mary McGilvery,	Maggie Edith Staley,
Mason Harder Newell,	Ralph Thompson,
Arthur Elijah Paine,	Alice Mildred Vial,
	Bertram Otho Young.

## COLLEGE OF ENGINEERING.

## DEGREE OF BACHELOR OF SCIENCE.

*In Architecture—*

Harry Truxtun Eastman,	Carroll Gray Lawrence,
Eugene William Penn Flesch,	George Leslie Rapp,
Walter Burley Griffin,	Charles Augustus Smith,
Irwyn Horatio Hill,	Ralph Wilson Weirick,
Mark Hubert Whitmeyer.	

*In Architectural Engineering—*

James Franklin Kable,	George Bassett Williams.
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*In Civil Engineering—*

Gwavas Foster Beckerleg,	Garrett Teller Seely,
Theodore Leonard Burkland,	Elmer Church Smith,
Halbert Lilly Chipps,	George Edward Tebbetts,
Robert Lambert Fowler,	Otto John Theiss,
Fred Grim,	William Herbert Vance,
Maurice Meacham Wilcox.	

*In Electrical Engineering—*

Harry Anderson,	Hugh McWhurr Gilchrist,
Ralph Bennett,	Benoni Edward Mercil,
Thomas Murray Bevans,	Josef Mesiroff,
Charles Luther Clifford,	Fred Jacob Postel,
George Dodds,	Sidney Orin Swenson,
Alexander Dawes DuBois,	Edmund Volk,
Clarence Earl Fleager,	George Henry Wilmarth,
John Hayes Young.	

*In Mechanical Engineering—*

Frank Hall Armstrong,	William Alexander Fraser,
James Clifford Bradley,	John Newton Herwig,
Harry Arthur Chuse,	George Wallace Hubbard,
Howard Montgomery Ely,	Oscar Adolph Leutwiler,
William W. Webster.	

*In Municipal and Sanitary Engineering—*

Winfred Dean Gerber.

## COLLEGE OF SCIENCE.

## DEGREE OF BACHELOR OF SCIENCE.

*In Specialized Courses, Theses Required.**In Chemistry—*

Fritz Conrad Koch,	Horace Chamberlain Porter, A. B.,
Paul Frederick Augustus Rudnick.	

*In Natural Science—*

Virginia Dinwiddie,	Fred Morgan McElfresh,
Ralph Walter Mills.	

*In Mathematics and Astronomy—*

John Albert Fobers.

*In General Courses, Theses not Required.**Natural Science—*

Marcus Samuel Fletcher, M. D.,	Daisie Margaret Owens,
Allie Dellena Hughston,	Martin L. Ullensvang,
Frederick Milton James,	Ben: Perley Weaver,
Allen Meade Otwell,	James Ingersoll Wernham.

## COLLEGE OF AGRICULTURE.

## DEGREE OF BACHELOR OF SCIENCE.

Louis Dixon Hall,  
John King Hoagland,

John Albert Latzer,  
John Eaton Raymond.

## SCHOOL OF LIBRARY SCIENCE.

## DEGREE OF BACHELOR OF LIBRARY SCIENCE.

Jane Elizabeth Cooke,  
Edna Fairchild,

Emma Reed Jutton,  
Marion Emeline Sparks,  
Laura Allana Streight.

## SCHOOL OF MUSIC.

## DEGREE OF BACHELOR OF MUSIC.

Alice Putnam.

## SCHOOL OF LAW.

## DEGREE OF BACHELOR OF LAWS.

Richard Charles Donoghue,

Harold Frederick Trapp.

## GRADUATE SCHOOL.

## MASTERS' DEGREES.

*Degree of Master of Arts—*

William Wesley Black, A. B., 1898.      Lucy Hamilton Carson, Ph. B.,  
(Univ. of Chicago) 1898.

*Degree of Master of Letters—*

Opal Heller, B. L., 1891.

*Degree of Mechanical Engineer—*

James Harry McKee, B. S., 1896.      Andrew Henry Neureuther,  
B. S., 1898.

*Degree of Master of Science—*

William Charles Brenke, B. S., 1896,      Richard W. Sharpe, B. S., 1893,  
Hubert Vinton Carpenter, B. S., 1897,      John Langley Sammis, B. S., 1897,  
Harry Clay Coffeen, B. S., 1898,      Louie Henry Smith, B. S., 1897,  
Louise Sarah Dewey, B. S., 1897,      Albert Philip Sy, B. S., 1894,  
Harry McCormack, B. S. (Drake Univ.), 1896.

*Degree of Master of Laws—*

George Bedell Worthen, LL. B., 1898.

## COMMISSIONS IN ILLINOIS NATIONAL GUARD.

Alexander Dawes DuBois  
Eugene William Penn Flesch,  
Robert Lambert Fowler,

William Alexander Fraser,  
George Wallace Hubbard,  
Carroll Gray Lawrence,

Maurice Meacham Wilcox.

On motion of Mrs. Flower, it was ordered that degrees be conferred at commencement in accordance with the recommendation of the Faculty.

## RECOMMENDATIONS AS TO CORPS OF INSTRUCTORS AND EMPLOYEES.

*To the Board of Trustees:*

I respectfully make the following recommendations touching the Corps of Instruction for the next year:

## DEANS.

1. That the present deans of the several colleges and of the woman's department be reappointed.

## PROMOTIONS AND SALARIES OF PROFESSORS.

1. That the salary of N. Clifford Ricker, dean of the College of Engineering and professor of architecture, be \$2,500.
2. That the salary of Arthur N. Talbot, professor of municipal and sanitary engineering, be \$2,150.
3. That the salary of Arthur W. Palmer, professor of chemistry, be \$2,250.
4. That the salary of David Kinley, dean of the College of Literature and Arts and professor of economics, be \$2,500.
5. That the salary of Eugene Davenport, dean of the College of Agriculture and professor of animal husbandry, be \$2,500, of which sum \$1,050 shall be paid in cash and \$200 be given in house rent by the University, and \$1,250 be paid in cash by the Agricultural Experiment Station.
6. That the salary of Walter Howe Jones, professor of music, be \$1,400.
7. That the salary of Evarts B. Greene, professor of history, be \$1,800.
8. That the salary of George W. Myers, professor of astronomy and applied mathematics, be \$2,000.
9. That the salary of Jacob K. Shell, professor of physical training, be \$1,800.
10. That T. Arkle Clark, assistant professor of rhetoric, be made professor of rhetoric, and that his salary be \$1,700.
11. That the salary of James M. White, associate professor of architecture, be \$1,800.
12. That the salary of Harry S. Grindley, assistant professor of chemistry, be \$1,500, and that he be promoted to the position of associate professor of chemistry.
13. That the salary of Herman S. Piatt, assistant professor of Romanic languages, be \$1,350.
14. That the salary of Arthur H. Daniels, assistant professor of philosophy, be \$1,350, and that he be appointed professor of philosophy.
15. That George D. Fairfield, assistant professor of the Romanic languages, be appointed professor of the Romanic languages, and that his salary be \$1,600.
16. That Charles W. Tooke, assistant professor of public law and administration, be appointed professor of public law and administration, and that his salary be \$1,350.
17. That the salary of Fred Anson Sagor, assistant professor of physics, be \$1,250.
18. That the Salary of Cyrus D. McLane, assistant professor of architectural construction, be \$1,250.
19. That Perry G. Holden, assistant professor of agricultural physics, be appointed professor of Agriculture, and that his salary be \$1,600, one-half of which shall be paid by the University and one-half by the Agricultural Experiment Station.
20. That the salary of John E. McGilvrey, assistant professor of pedagogy and high school visitor, be \$1,350.
21. That the salary of James D. Phillips, assistant professor of general engineering drawing, be \$1,050.
22. That the salary of Seth J. Temple, assistant professor of architecture, be \$1,300.
23. That the salary of Oscar Quick, assistant professor of physics, be \$1,050.
24. That George H. Meyer, instructor in German, be appointed assistant professor of German, at \$1,100 per year.

25. That the salary of Joseph C. Blair, assistant professor of horticulture, be \$1,350, and that one-half be paid by the University and one-half by the Agricultural Experiment Station.

26. That Alison M. Fernie, assistant professor of vocal music, be made professor of vocal music, and her salary be made \$1,600.

27. That Thomas W. Hughes, assistant professor of law, be made professor of law, and that his salary be \$1,700.

#### NEW APPOINTMENTS OF PROFESSORS.

1. That James Brown Scott be appointed professor of law and dean of the School of Law, and that his salary be \$2,500 per annum.

2. That William Sleeper Aldrich be appointed professor of electrical engineering at \$2,500 per annum.

3. That Robert H. Kelley be appointed assistant professor of psychology at \$1,200 per annum.

4. That Newton A. Wells be appointed professor of the history and the practice of painting, to serve one semester of each year at \$1,000 for such time.

5. That Milo Smith Ketchum be appointed assistant professor of civil engineering in place of William D. Pence, resigned, at a salary of \$1,200.

6. That George Alfred Goodenough be appointed assistant professor of mechanical engineering in place of William H. VanDervoort, resigned, at a salary of \$1,650.

7. That Dillard H. Clark, captain U. S. A., retired, be appointed professor of military science and tactics for ten months at \$65 per month.

#### REAPPOINTMENTS OF INSTRUCTORS.

That the following persons be reappointed instructors for ten months, unless otherwise specified, at the compensation named:

1. W. J. Fraser, in dairying at \$1,100 per year, one-half to be paid by the University and one-half by the Agricultural Experiment Station. This appointment is for the calendar year.

2. Carlton R. Rose, in chemistry, at \$95 per month.

3. Lucy H. Carson, in English, at \$75 per month.

4. William C. Brenke, in astronomy, at \$85 per month.

5. Matthew B. Hammond, in economics, at \$90 per month.

6. Henry L. Schoolcraft, in history, at \$85 per month.

7. Neil C. Brooks, in German, at \$80 per month.

8. Edward L. Milne, in mathematics, at \$80 per month.

9. Martha J. Kyle, in rhetoric, at \$75 per month.

10. Henry L. Coar, in mathematics, at \$110 per month.

11. Edward C. Schmidt, in railway engineering, at \$100 per month.

12. Edd Charles Oliver, in mechanical engineering, at \$75 per month.

#### NEW INSTRUCTORS.

1. William A. Adams, in public speaking, at \$100 per month.

2. Ralph Wylie, in violin, at \$80 per month.

3. Emma Quimby Fuller, in voice culture, at \$65 per month.

4. Edward J. Lake, in art and design, at \$80 per month.

5. Juliette Butler, in zoölogy, at \$80 per month.

6. in entomology, at \$80 per month.



ASSISTANTS.

That the following persons be appointed laboratory and other assistants for ten months at the compensation named:

1. George D. Hubbard, in Geology, at \$60 per month.
2. Charles V. Seastone, in theoretical and applied mechanics, at \$60 per month.
3. Hubert V. Carpenter, in physics, at \$60 per month.
4. John L. Sammis, in chemistry, at \$60 per month.
5. Halbert L. Chipps, in civil engineering, at \$50 per month.
6.                                 in chemistry, at \$50 per month.
7.                                 in botany, at \$50 per month.
8. James Franklin Kable, in general engineering drawing, at \$50 per month.
9. Andrew H. Neureuther, in mechanical engineering, at \$50 per month.
10. Jessie Y. Fox, assistant upon the piano, at \$40 per month, and one-half the fees earned by her in excess of that amount.

### PHYSICAL TRAINING.

1. That George A. Huff, jr., be appointed assistant director of physical training at \$1,400 per year.
2. That Jennette E. Carpenter, be appointed director of physical training for women, at \$90 per month for ten months.

## LIBRARY AND LIBRARY SCHOOL.

1. That Maude W. Straight be appointed reference librarian and assistant professor of library economy at \$1,100.
2. Margaret Mann, senior instructor in library school, at \$900.
3. Grace O. Edwards, cataloguer, at \$900.
4. Laura R. Gibbs, loan desk assistant, at \$720.
5. Gertrude Shawhan, loan desk assistant for ten months, half time, at \$250.
6. Willard O. Waters and Adam Strohm, order and index clerks, for ten months, at \$500 between the two.
7. Cecilia McConnell, reviser in library school, for ten months, at \$500.
8. That William J. Fulton be appointed custodian of the law library at \$200 for ten months, part time, and that authority be given for the appointment of an assistant at \$100 for the same period, part time.
9. That authority be given to employ an additional reviser in the library school for ten months at \$500, and two additional assistant instructors in the library school at the rate of \$50 per month each for ten months, if the attendance is such as to make it necessary.

All the foregoing appointments, except as otherwise stated, are for twelve months, with a vacation of one month, as Professor Sharp may arrange.

## CLERICAL ASSISTANTS.

1. That Miss Lillie Heath be continued as secretary to the President at \$900 per annum.
2. That Mr. L. A. Boice be continued as clerk in the office of the Registrar at \$60 per month.
3. That William F. Marker be continued as clerk in the office of the Business Manager at \$60 per month.

4. That Miss Sue W. Ford be appointed clerk and stenographer in the office of the dean of the College of Engineering at \$55 per month.

5. That Mrs. Jennie M. Laughlin be appointed clerk and stenographer in the office of the dean of the College of Literature and Arts, with the understanding that her services shall also be available to the dean of the School of Law, at \$50 per month.

6. That Miss Olive F. Saxton be appointed stenographer to the President's office at \$50 per month.

7. That Miss Grace Maxwell be appointed clerk and stenographer in the office of the dean of the College of Agriculture at \$40 per month.

8. That authority be given for the employment of a stenographer in the office of the head librarian and director of the Library School at \$40 per month.

#### SHOPS.

That foremen in the shops be appointed for ten months from September 1, 1899, at the compensation indicated.

1. Machine shop, Cyril B. Clark at \$85 per month.
2. Wood shop, Albert R. Curtiss at \$85 per month.
3. Smith shop, Henry Jones at \$60 per month.
4. Foundry, Joseph H. Wilson at \$60 per month.

#### PREPARATORY SCHOOL.

That the teachers in the Preparatory School be appointed as follows:

1. Edward G. Howe at \$1,800 per year.
2. Clarence W. Alvord at \$100 per month.
3. Lillie A. Clendenin at \$70 per month.
4. Charles B. Randolph at \$80 per month.
5. James W. Buchanan at \$70 per month.

The last four appointments to be for ten months.

#### WATER SURVEY.

1. That Clendon V. Millar be appointed chief assistant at \$85 per month.
2. That Robert W. Stark be appointed assistant at \$60 per month.

These appointments to be for twelve months.

#### FELLOWSHIPS AND SCHOLARSHIPS.

The council of administration recommends the appointment of the following students to fellowships at \$300 each:

In chemistry, Fritz Conrad Koch, Horace Chamberlain Porter.

In architecture, Ralph Wilson Weirick.

In mathematics, James Albert Foberg.

In mechanical engineering, Oscar Adolph Leutwiler.

In Latin, George Henry Campbell.

Also that graduate scholarships in economics, at \$200 each, be given to Arthur Elijah Paine and Hadley Winfield Quaintance.

#### STOREKEEPERS.

1. That M. T. Lindsey be reappointed storekeeper in the chemical laboratory for ten months from September 1, 1899, at \$40 per month.

2. That I. H. Allen be reappointed storekeeper in the electrical laboratory for the same period and at the same pay.

## STUDENT ASSISTANCE.

1. That \$500 be appropriated for assistance by students who may be employed, with the approval of the President, from time to time, as they may be needed.

## MESSENGERS.

1. That Albert R. Lee be reappointed messenger in the President's office for twelve months at \$25 per month, and that he be allowed \$5 per month for carrying the mail twice each day to and from the postoffice in Champaign; and that messengers at \$3 per week may be employed from September 1st to July 2d in the following offices, viz.: The office of the vice president and dean of College of Agriculture jointly; the office of the dean of the College of Engineering; the offices of the dean of the College of Literature and Arts and the dean of the Woman's Department jointly; the offices of the professors of chemistry jointly.

## APPROPRIATIONS.

It is recommended that appropriations for incidental expenses be made as follows:

1. Administrative offices.....	\$100 00
2. College of Literature and Arts.....	100 00
3. College of Agriculture.....	100 00
4. Art and design.....	150 00
5. Physical training.....	200 00
6. School of Music.....	100 00
7. Preparatory School.....	100 00
8. Oratorical contests.....	200 00
9. The <i>Illini</i> .....	200 00
10. The <i>Illio</i> .....	100 00
11. Expenses of high school visitor.....	500 00
12. Astronomical Observatory.....	100 00
13. Botany and Horticulture.....	200 00
14. Zoölogy.....	100 00
15. Physiology.....	100 00
16. Geology.....	100 00
17. Psychology.....	100 00
18. Library.....	200 00
19. School of Law.....	200 00

It is recommended that authority be given to employ instructors in entomology and mathematics at not to exceed \$800 per year each, and assistants in botany, two in chemistry, and one in electrical engineering at \$500 per year each, and in military at \$100, when the professors in charge of such departments are prepared to recommend desirable persons for such positions.

It is also recommended that all appropriations made by the Legislature to specific departments or for special purposes, be made available to such departments and devoted to such purposes.

It is recommended that all appointments or changes made hereby go into effect September 1, 1899.

Respectfully submitted,

A. S. DRAPER,  
President.

The recommendation of the foregoing paper, with regard to appropriations for departments of the University was referred to the Finance Committee and later, during this meeting of the Board, upon the approval of the Committee, the appropriations were made as recommended.

Mrs. Flower, after stating that the foregoing paper had been submitted to, and approved by, the Committee on Instruction, moved to adopt the recommendations as to appointments and salaries made in

it, with the exception of those concerning Messrs. Daniels, Kelley, and Adams, regarding which suggestions for delay had been made as the paper was read.

Mrs. Abbott moved to amend the motion by making the salary of Mr. Holden \$1,700 a year.

The amendment prevailed and the original motion as amended was then adopted.

The Finance Committee made the following report:

#### REPORT OF FINANCE COMMITTEE.

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

Your Finance Committee begs leave to report that it has examined the accounts of E. G. Keith, Treasurer of the University of Illinois, from April 13, 1897, to April 15, 1899, inclusive, and has found the same to be correct.

Mr. Keith's statement covering this period is herewith submitted, showing a balance on hand at the close of business April 15, 1899, of \$51,521.86.

We also submit herewith a certificate of the cashier of the Metropolitan National Bank of Chicago showing that E. G. Keith, as Treasurer of the University of Illinois, had to his credit at the close of business on April 15, 1899, \$51,521.86.

We recommend that these papers be placed on file and printed in the proceedings of the Board of Trustees.

We further recommend that the Treasurer should keep in separate books the several funds as follows: General fund, Laboratory of Natural History, Agricultural Experiment Station, School of Pharmacy, School of Medicine.

F. M. MCKAY,  
THOMAS J. SMITH,  
A. F. NIGHTINGALE,  
*Finance Committee.*

#### TREASURER'S RECEIPTS AND EXPENDITURES.

Total receipts of E. G. Keith, Treasurer University of Illinois, on which warrants were drawn from April 13, 1897, to April 15, 1899.....	\$800,878 76
Total amount paid out by warrants from April 13, 1897, to April 15, 1899.....	749,356 90
Amount on hand in bank at close of business April 15, 1899 .....	\$51,521 86
<i>General Fund.</i>	
Total receipts.....	\$625,812 54
Paid warrants.....	602,221 69
Balance.....	\$23,590 85
<i>Agricultural Experiment Station.</i>	
Total receipts.....	\$40,885 68
Paid warrants.....	36,541 67
Balance.....	\$4,344 01
<i>School of Medicine.</i>	
Total receipts.....	\$86,995 02
Paid warrants.....	66,639 84
Balance.....	\$20,355 18

*Treasurer's Receipts and Expenditures—Concluded.*

<i>Laboratory of Natural History.</i>	
Total receipts.....	\$24,981 76
Paid warrants.....	21,311 41
Balance.....	\$3,670 35
<i>School of Pharmacy.</i>	
Total receipts.....	\$22,203 76
Paid warrants.....	22,642 29
Overdrawn.....	\$438 53
Balances in bank.....	\$23,590 85
	4,344 01
	20,355 18
	3,670 35
	\$51,960 39
Less overdraft.....	438 53
Total.....	\$51,521 86

E. G. KEITH,  
*Treasurer, Board of Trustees, University of Illinois.*

THE METROPOLITAN NATIONAL BANK OF CHICAGO, June 5, 1899.

*Finance Committee, Board of Trustees, University of Illinois, Urbana, Ill.,*

GENTLEMEN:—The balance to the credit of E. G. Keith, Treasurer, University of Illinois, at the close of business April 15, 1899, was fifty-one thousand five hundred and twenty-one and 86-100 (51,521.86) dollars.

Yours very truly,

H. H. HITCHCOCK,  
*Cashier.*

The Finance Committee also recommended that President Draper's bill of \$63.03 be paid, and it was so ordered.

JUDGE O. A. HARKER.

*To the Board of Trustees.*

Judge O. A. Harker of the Appellate Court has been a constant and efficient helper of our School of Law since its opening two years ago. His service has far exceeded that of an ordinary non-resident lecturer. He has organized and presided regularly at the Moot Courts, or, if unable to be present upon any particular occasion, he has charged himself with the responsibility of securing another judge to take his place. He has lectured upon criminal law and prepared the examinations therein. In more ways than can be specified he has been the friend and judicious adviser of the school. I suppose that he has visited the University for this purpose, and remained a day or two, as often as every alternate week through the last two years.

Judge Harker has prosecuted this work as a labor of love, because of his interest in the University and his desire to uplift his profession. It was the understanding at the beginning that he would be reimbursed his expenses, but he has never presented a bill nor been paid anything. He tells me that the account would reach the neighborhood of \$500. The services has far exceeded the original understanding.

In view of all the circumstances, I recommend that Judge Harker be paid the sum of \$500, in payment of services and expenses up to date; that he be thanked by the board for his interest in and aid to the School of Law; and that the desire be expressed that he shall continue in charge of the Moot Courts as heretofore.

Respectfully submitted,

A. S. DRAPER,

*President.*

On motion of Mr. Smith, this recommendation was adopted and an appropriation of \$500 was made for the payment of Judge Harker's services and expenses.

#### PORTRAITS OF PROFESSORS BURRILL, SHATTUCK, RICKER.

*To the Board of Trustees.*

Professors Thomas J. Burrill and Samuel W. Shattuck have been in the service of the University from its opening in 1868, a period of thirty-one years. Professor N. Clifford Ricker entered the University as a student in 1869 and has been a professor since 1873, a period of twenty-six years. The service of these men has been not only long, but it has been assiduous, unostentatious, and of the highest value. In the best way possible they have made themselves an important part of the history of the institution and endeared themselves to all who have received its instruction or otherwise become interested in it. Realizing that the portraits of these honored teachers should be permanently preserved to the University, I commissioned Mr. Newton A. Wells to prepare the same more than a year ago. The works of the artist have been executed in oil, appropriately framed, and seem to merit and to have commendation.

I have pleasure, therefore, in transferring these portraits to the Trustees, for the University, in testimony of the esteem in which I hold the men whom they represent, and also in the belief that my little gift may not be considered an unimportant contribution to the preservation of the University history.

Very sincerely yours,

A. S. DRAPER,

*President.*

Mr. Fulkerson moved that the Board gratefully accept this generous gift of President Draper's and tender him its thanks therefor.

#### LECTURES: SATURDAY SCHOOL FOR TEACHERS.

*To the Board of Trustees.*

For several years we have been trying to make substantial headway in the development of the political science group of studies. Although the multiplicity of other demands has each year prevented our doing all that was desired, yet something has been accomplished. The department of economics has developed strongly. Professor Kinley has shown marked strength as an investigator and excellent judgment in deciding upon the most profitable fields of research. Two years ago an instructor was added to the department with advantageous results. The department has been supplied with literature more liberally than any other University department, although of course not up to its desires. The department of history is in good and growing condition. Professor Greene's service is highly satisfactory, as is that of the instructor in the department. The department of public law and administration, under the capable leadership of Professor Tooke, has been continually advancing in the esteem of the University.

Recommendations made elsewhere will, if adopted, advance the compensation of all three of the professors named and will advance Professor Tooke to a full professorship. They will also give two graduate students to the department of economics.

Action already taken provides for the publication by the University of the results of investigation. This will doubtless be more stimulating to the department of economics than almost any other University department.

Now, I recommend the appropriation of the sum of \$500, for the purpose of enabling the departments named to bring to the University a few well-known specialists in their work, for lectures upon topics of such common or timely interest as they may think well.

I submit herewith a communication from Dean Kinley, proposing a meritorious scheme for instruction to teachers of the public schools of the vicinage, on Saturday mornings, by members of the University Faculty. It seems entirely feasible, does not contemplate any charge upon the University, and I recommend its adoption and that Dean Kinley be designated to organize and have general charge of the matter.

Respectfully submitted,

A. S. DRAPER,  
*President.*

The appropriation for lectures was made as recommended.

On motion of Mr. McKay, the communication with regard to a Saturday School for Teachers, was referred to the Committee on Instruction.

#### SCHOOL OF MEDICINE.

Dr. Steele and Dr. King, of the School of Medicine, were then heard to present their views and certain rules proposed by the faculty of the School of Medicine, regarding the relations which should subsist between the School of Medicine and the University. Papers presented were referred to the Committee on the School of Medicine for report at an adjourned session of this meeting to be held within thirty days.

Upon the approval of the Finance Committee, a bill of \$19.25, presented by Mr. C. B. Hatch, the proprietor of the Beardsley Hotel, for entertainment of members of the legislature, was ordered paid.

On motion of Mr. Nightingale, Chairman of the Committee on School of Medicine, sundry papers submitted at this meeting and the meeting of April 19th (see page 77), regarding improvements at the School of Medicine, appointments to its corps of instruction, and salaries of the members thereof, were referred back to the Dean of the School of Medicine, in order that action might be had thereon in accordance with the rules submitted by Doctors Steele and King.

Mr. Nightingale offered the following resolution, which was adopted:

WHEREAS, It is important that the men and women in the professional work of the country should possess the highest possible education, and

WHEREAS, The best schools of law and medicine are raising their standards of admission, therefore,

*Resolved*, That the President of the University of Illinois is requested and is hereby instructed, to take steps looking towards a conference, at an early date, of the presidents of the University of Illinois, the University of Chicago, Northwestern University, and Lake Forest University, and, if it seem practicable, the deans of the schools of law and medicine in and about Chicago, not connected with these universities, for the purpose of considering the

feasibility of making the standard of admission to the schools of medicine and law in Chicago and vicinity equivalent to the requirements for admission to the junior or third year of the regular department in the colleges of liberal arts and sciences.

Mrs. Flower offered the following resolution, which was adopted on her motion:

WHEREAS, The earnings of the College of Physicians and Surgeons have largely increased, owing to its affiliation with the University, and

WHEREAS, In justice, a certain portion of such earnings should accrue to the benefit of the University, therefore,

*Resolved*, That the Committee on School of Medicine be instructed to confer with the stockholders of said College of Physicians and Surgeons to determine definitely the sum for which said stockholders will dispose of their stock to the University, and that if a satisfactory sum can be agreed upon such a portion of the surplus earnings as may be agreed upon be set aside each year as the absolute property of the University, to be used as a sinking fund, with which ultimately the University may purchase said stock and become the owner of the property and the School.

On motion of Mr. Nightingale, the President of the University was instructed to say to Dr. Quine that the Board of Trustees joins unanimously with the faculty of the College of Physicians and Surgeons in requesting him to withdraw his resignation of the deanship of the said College.

The following report was received from the Committee on Instruction:

COLLEGE FOR TEACHERS.

URBANA, ILLINOIS, June 13, 1899.

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

GENTLEMEN:—Your Committee on Instruction recommends—

1. That there be established in the University a college for teachers.
2. That Arnold Tompkins be elected dean of said college at a salary of \$2,500 per annum.

Respectfully submitted,

LUCY L. FLOWER,

*Chairman of Committee on Instruction.*

After some discussion upon this report, the Board took a recess until four o'clock, in order to attend the banquet of the Alumni Association.

The Finance Committee presented the following report:

TREASURER'S BOND.

URBANA, ILLINOIS, June 13, 1899.

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

GENTLEMEN:—Your Finance Committee reports as follows in relation to the bond of Elbridge G. Keith, Treasurer-elect:

The Committee has submitted the bond herewith to Mr. John P. Wilson, attorney, who endorses it both as to form and sufficiency.

The bond is in the penal sum of \$750,000 and is signed by the principal and by W. J. Watson, Sidney A. Kent, Arthur Dixon, and W. A. Fuller, as sureties.



Your Committee believes the bond to be ample in form and security, and recommends that the same be approved and filed with the Secretary.

Respectfully submitted,

F. M. MCKAY,  
THOMAS J. SMITH,  
A. F. NIGHTINGALE,  
*Committee on Finance.*

The report of the Committee was adopted and the bond approved.

The question of a college for teachers was again taken up but after a somewhat prolonged discussion the matter was deferred, in order that the deans might be heard from.

#### PAPERS PRESENTED BY PRÉSIDENT DRAPER.

##### CHEMICAL, LABORATORY AND ANIMAL ROOM.

*To the Board of Trustees.*

It is needless to say that the Department of Chemistry, while expanding continually and capably in its work, is more and more embarrassed by the deplorable condition of the building in which it is housed. The embarrassment is so serious as to amount to a great wrong. Yet there is no immediate means of relief. However, Professor Palmer desires that the floor be laid and a room be partitioned in the front of the third story, and that the brick floor in the basement be relaid. This will make matters a little more tolerable and I advise that it be done.

I also recommend that the Superintendent of Buildings be authorized to construct an animal room on the roof of the Natural History Building for the use of the Department of Physiology, at a cost not to exceed \$150, upon plans approved by Dean Forbes and Professor Kemp.

Respectfully submitted,

A. S. DRAPER.

The recommendations of this paper were adopted and the work was ordered done, appropriations being made as advised.

#### REPAIRS—SUPERINTENDENT OF BUILDINGS AND GROUNDS.

*To the Board of Trustees.*

I transmit herewith a communication from the Superintendent of Buildings and Grounds, recommending many repairs to the building, with the recommendation that the same be printed in the minutes, and that the recommendations be carried out under the directions of the Committee on Buildings and Grounds so far as may seem advisable to that Committee, and that the \$5,000 appropriated by the Legislature for this specific purpose be made available to the Committee.

I also advise the adoption of the Superintendent's recommendations as to the appointments in his departments and appropriations for services therein.

I may add that Mr. Spencer has proved himself to be a most capable, industrious and judicious superintendent. His grade of service merits a material increase in salary, and I recommend that it be \$1,800 from July 1st.

Respectfully submitted,

A. S. DRAPER,  
*President.*

UNIVERSITY OF ILLINOIS, June 8, 1899.

*Dr. A. S. Draper, President, University of Illinois,*

DEAR SIR:—I desire to call your attention to several things pertaining to my department, which should have consideration at this time, the most of which are much needed for the better preservation of the University property. I will enumerate the things which seem to be most needed:

1. The present roof on the gymnasium seems beyond repair. I have had a good mechanic go over it several times during the past year, and it is now worse than ever, having shown 28 or 30 leaks during the last rains. The present roof is very old and should now be replaced with a new one, which if put on in tin will cost from \$550 to \$750 according to quality of tin used. If composition is used it would cost about \$400.

2. The roof on the Military Hall has also caused considerable trouble, yet the leaks seem hard to find. I think it would be best to give this roof a heavy coat of paint.

3. The roof on University Hall is also in bad condition and would be much improved by having a good coat of paint. I estimate the expense of repainting roofs now in need to be about \$250.

4. The exterior wood work of University Hall should have needed repairs and be treated to two coats of lead and oil. I have gone over this building carefully, and find it in bad condition, many places having no paint left on it at all. The cost would be about \$350.

5. The tower clock in University Hall needs cleaning and the dials for same should be painted. It would cost about \$50 to put this in proper shape.

6. The ventilators in the roof of the foundry and forge shops have been a great annoyance and expense, as it has been almost impossible to heat these rooms with the present arrangement. The present galvanized iron slat ventilators should be replaced with sash which can be operated from the floor. With this arrangement we could ventilate at will and retain the heat in cold weather. The expense incurred in this would be about \$250.

7. The floor in the forge shop is made of earth and makes a very dirty place in which to work. If kept wet enough to keep the dust down it seems too damp for the men. A vitrified brick floor would obviate these difficulties. The expense would be about \$150.

8. The walls in the wood shop, pattern room, foundry and forge shops all need re-calceining. The expense would be about \$150.

9. There are a few changes very much needed in the radiation for Engineering Hall. Some rooms have more than is needed and some very much less. It was impossible to heat a portion of this building so as to make it comfortable last winter. I think for an expenditure of \$100 we could change and add to the radiation so as to obviate further complaint in this direction.

10. We have about 6,000 square feet of cinder walks which ought to be covered with concrete in order to give uniformity in appearance and for the better preservation of our buildings. As the cinder foundations are now in, I think we can put in the above amount of concrete work for about \$600.

11. There ought to be better retaining walls built between the present annex to south end of boiler house, and the bridge on our coal road over Boneyard, so as to preserve the banks and allow filling in at this point. In connection with this we should dredge and straighten the banks for about 200 feet east of this bridge in order to give better outlet for the water during heavy rains. The cost would be about \$100.

12. There are a number of repairs on the inside of University Hall, Engineering Hall, and Natural History Hall, which ought to be done both for their preservation and for general appearance. The expense would be from \$400 to \$500.

13. I desire to call your attention to the condition of our buildings with reference to fire protection. I have made a careful survey of all the buildings and find that we are practically without fire protecting facilities in all of the buildings excepting Engineering Hall, the Library, and a portion of University Hall.

Our buildings ought to be equipped with sufficient hose, pipe connections on the several floors, together with hose racks, fittings, etc. I find it would require about 1,800 feet of 1½ inch hose and about 1,000 feet of 2 inch pipe and these with the necessary fixtures would cost about \$1,000. I have an itemized list of the fixtures in my office.

I have caused our present equipment to be carefully gone over and made such repairs as were needed; also I have had our janitors and steam department employes organize into a fire company which in time of need I think may be of great value to the University.

14. The ceilings in the second story of the President's house are in a bad condition, the fresco finish having peeled off in many places showing the white walls, some rooms having several square yards of finish off. I see no other way but to canvas and redecorate them. The ceilings on the first floor were covered with canvas and are in very good condition. The roof on this building is in bad condition and I think ought to be recovered before the ceilings are repaired as it already has shown many leaks and will have to be continually repaired.

The matter of some of our employes also needs consideration. We have some men who have proved very valuable, men who are experienced in their line and very devoted to their work. I would therefore recommend that we employ for the steam department:

1. Chief Engineer, Joseph Morrow, per year.....	\$1,000 00
Engineer, Holmes Ewalt, per month.....	65 00
Engineer, Edward Justus, per month.....	55 00
Foreman, Spencer Stuckey, per month.....	55 00
Plumber, Richard Reinhardt, per month.....	55 00
Steamfitter, Charles Ewalt, per month.....	35 00
2. <i>For Watchmen</i> —	
Day man, Pearl Adams, per month.....	45 00
Night man, Frank Spence, per month.....	40 00
3. <i>For Gardeners</i> —	
Foreman, Frank Atkinson, per month.....	60 00
Assistant, Evelyn Atkinson, per month.....	35 00
4. <i>For Janitors</i> —	
Library Building, per month.....	40 00
University Hall, per month.....	37 00
Engineering Hall, per month.....	37 00
Military Hall and Men's Gymnasium, jointly, per month.....	37 00
Chemical Laboratory, per month.....	32 00
Natural History Hall, per month.....	32 00
Electrical and Mechanical Laboratories, per month.....	32 00
The Metal and Wood Shops and Testing Laboratories, jointly, per month.....	32 00
Astronomical Observatory, per month.....	15 00
Closets, per month.....	27 00

5. That \$500 be appropriated for the employment of scrub women at \$1 per day and that such extra help as may be needed on the grounds and in the heat, light, and power plant, be employed by the day.

Very respectfully,

NELSON S. SPENCER,

*Superintendent of Buildings and Grounds.*

This paper was referred to the Committee on Buildings and Grounds, and subsequently returned by the committee with the recommendation that it be approved, except that Mr. Spencer's salary should be \$1,500 a year instead of \$1,800 as advised.

It was ordered that the repairs recommended be done, and appropriations therefor were made according to the estimates presented by the Superintendent of Buildings and Grounds.

The several appointments of Superintendent, engineers, watchmen, janitors, etc., were made at salaries as approved.

## SCHOOL OF PHARMACY.

*To the Board of Trustees.*

I transmit communications from the School of Pharmacy, and advise the approval of the recommendations of the Advisory Board to the effect that the course be lengthened to thirty weeks, and that Mr. W. B. Day be given a position upon the Faculty with the title of professor of histological botany, upon the understanding that these changes involve no additional expense.

Respectfully submitted,

A. S. DRAPER,  
*President.*

The recommendations of this paper were adopted.

## EDWARD SNYDER FUND.

*To the Board of Trustees.*

Your committee, heretofore appointed to consider a plan for the administration of the fund proposed to be given to the University by Professor Edward Snyder, respectfully reports:

1. We have received from Professor Snyder a document in the following words, executed in duplicate by himself and Mrs. Snyder:

## DEED OF GIFT.

This Indenture: Made and entered into this 25th day of April, 1899, by and between Edward Snyder, of the city of San Diego, in the State of California, party of the first part (his wife, Mary S. Snyder, in consideration of the premises hereinafter contained, assenting thereto), and the Board of Trustees of the University of Illinois, of the State of Illinois, of the second part,

Witnesseth, that the said first party, in consideration of the covenants and agreements hereinafter contained and of the sum of one dollar to him paid, doth covenant and promise that he, his executors and administrators, will convey, give, and deliver to the treasurer of the second party, for the custody and control of the said second party, within the period of ten years next ensuing, the full and complete sum of twelve thousand dollars (\$12,000.00), in cash or acceptable securities, to be paid in sums of one thousand dollars (\$1,000.00), or greater, each year thereof, to be used by said second party in establishment of a department in said University to be forever known as the "Edward Snyder Department of Students' Aid," the purpose of which shall be to aid in the maintenance and education of deserving and meritorious students of said University, the said first party reserving to himself, and to his wife, the said Mary S. Snyder, during his or her natural life, or the survivor of them, the payment from the second party of an annual interest of 5 per cent. per annum upon said payments upon the principal sum when fully paid in, such payments of interest to be terminated when the said first party and his said wife shall have deceased.

And the said second party, in pursuance of its resolution taken and entered of record at its March meeting, 1899, and by authority of law, hereby covenants and agrees to and with the first party, to receive by its Treasurer, from him, the said first party, the said sum of twelve thousand dollars (\$12,000.00), in manner and form and in amounts above named; and it further agrees that it will establish within said University a department to be known as the "Edward Snyder Department of Students' Aid," the purpose of which department shall be to aid deserving students, members of said University; that said sum of money and each part thereof as paid to the hands of its Treasurer, shall be attached to said department and remain a perpetual fund, not to be diverted nor diminished, but shall be loaned from time to time in suitable sums to deserving students who are in good standing as members of

said University and of good character, upon such reasonable and uniform terms as may hereinafter be fixed by said second party for the government thereof, but such loans shall only be made as aids to such students in completing their education at said University upon the recommendation of the Council of Administration of said University: Provided, that should any considerable sum of said funds at any time be not in demand for said purpose, loans from said fund may be made for other purposes, but in no case shall such loans stand in the way of giving the aid above provided for when proper candidates apply therefor.

Said second party hereby further covenants and agrees to and with the first party, that it will pay to the first party, during his natural life and after his death to his wife, the said Mary S. Snyder, should she survive him, interest upon said sum, or upon parts thereof as paid in, at the rate of 5 per cent per annum, to be paid semi-annually on the first days of April and October, of each year, at the office of its Treasurer, but at the death of both said Edward Snyder and Mary S. Snyder, such payments shall cease and all obligations of said second party herein assured, except the administration of the trust above named, shall be at an end.

In witness whereof, the said Edward Snyder and Mary S. Snyder have hereto set their hands and seal and the said University of Illinois, by its President of the Board of Trustees, has affixed its name and by its Secretary has affixed the seal, on the day above written.

[Signed,]

EDWARD SNYDER, [SEAL]  
MARY STODDARD SNYDER, [SEAL]  
ALEXANDER MCLEAN,

[SEAL OF UNIVERSITY]

*President Board of Trustees.*

We recommend that said document be received and approved by the Board, and that the President and Secretary of the Board be authorized to execute the same on the part of the University, and that one copy be returned to Professor Snyder and the other filed with the Secretary of the Board and duly recorded.

2. That whenever payments are received from Professor Snyder, the same shall be made to the Treasurer of the University and his receipt given therefor.

3. That the Council of Administration shall receive applications for loans to deserving students from this fund, and shall recommend to the Finance Committee of the Board of Trustees such students as said Council deems worthy of benefit therefrom. The Council shall give preference to students who are farthest advanced in the University, and shall also take into account scholarship and assiduity in work. It is advised that said fund shall in no case be loaned to any person to induce him to attend the University, nor to any person in his freshman or sophomore year of study.

4. The Finance Committee of the Board shall formulate plans for the management of the fund and determine the conditions upon which said fund shall be loaned, so far as security therefor is concerned, or otherwise.

5. If said fund shall accumulate in the treasury to any extent, the Finance Committee shall report to the Board what, in its judgment, shall be done in the premises.

Respectfully submitted,

THOMAS J. SMITH,  
ALFRED BAYLISS,  
A. S. DRAPER,

*Committee.*

The recommendations of this paper were adopted, and it was ordered that the deed of gift be printed and also entered in the record book.

President Draper reported verbally that he had had Dr. Gregory's portrait framed, as directed by the Board at its meeting of March 14, 1899.

## SCHOOL OF MEDICINE.

Dr. Steele was given leave of absence from the 15th of June until the 15th of September, inclusive, on account of a contemplated vacation trip to Europe. Dr. Pusey was also given leave of absence for the same purpose from the 1st of July to the 1st of November.

Certain recommendations for positions on the faculty of the School of Medicine were transmitted by President Draper and were referred to the Committee on Medical School.

## AGRICULTURAL EXPERIMENT STATION.

The report of the Advisory Board of the Agricultural Experiment Station and the estimates for the quarter ending September 30, 1899, were received and ordered printed. Appropriations were made as recommended and in accordance with the estimates.

## MINUTES OF ADVISORY BOARD MEETING, JUNE 10, 1899.

The meeting was called to order by President Burrill at 2 p. m.

There were present Messrs. J. F. Prather, from State Board of Agriculture, H. B. Gurler, from State Dairymen's Association, and H. Augustine, from State Horticultural Society, F. L. Hatch, from Board of Trustees, and Professors Burrill and Davenport. Absent, W. H. Fulkerson, from Board of Trustees, and Professor Forbes.

The Board having now many new members, Professor Burrill stated somewhat in full the function of the Advisory Board.

The Director's report was read and after full discussion was recommended without change as read.

Mr. Augustine suggested that a complete report of the horticultural work of the Experiment Station would furnish a desirable addition to the State Horticultural Report, which has an edition of 5,000 copies, and he asked that such a report be prepared by the Professor of Horticulture. This was approved.

Mr. Augustine spoke of the necessity of the horticulturists keeping in close touch with the orchards of the State, and spoke particularly of the destruction of apple trees by the previous winter. In this connection it was recommended that the horticultural department of the Station undertake to examine and report upon the destruction of apple trees during the past winter, and that \$100 be appropriated for the expenses of such investigation. This motion prevailed and the Board adjourned at 5 p. m.

E. DAVENPORT,  
*Secretary.*

## ESTIMATES FOR THE QUARTER ENDING SEPTEMBER 30, 1899.

Salaries.....	\$1,880
Publications.....	400
Library.....	50
Buildings and repairs.....	70
Animal husbandry.....	100
Agricultural physics.....	350
Horticulture.....	250
Dairy.....	150
Chemistry.....	250
Botany.....	50
Sundries, including traveling expenses, office expenses, labor, contingent, etc.....	200
Total.....	\$3,750

The question of a college for teachers was again taken up and the deans were each of them heard upon the subject.

After a prolonged discussion the board adjourned to meet at 7:45 p. m., at the Beardsley Hotel, Champaign, Ill.

EVENING SESSION, TUESDAY JUNE 13, 1899.

When the board met, pursuant to adjournment, the same members were present as at the day session, except Mr. Nightingale.

The question of a college for teachers having been taken up again, Mr. Bullard offered the following as a substitute for the report of the Committee on Instruction:

*Resolved*, That this board give Professor Tompkins the assurance that he shall have every opportunity to make his department all that is necessary for the interests of the teachers of the State of Illinois, and that his salary be made \$2,250 a year.

Mr. McKay moved to postpone further consideration of the question until 2 o'clock Wednesday.

This amendment was lost on the following vote: Ayes—Fulkerson, McKay, Hatch, and Mrs. Abbott; noes—McLean, Bullard, Mrs. Flower, and Mrs. Carriel.

The substitute was also lost on the following vote: Ayes—Bullard, Hatch, and Mrs. Carriel; noes—Fulkerson, McLean, McKay, Mrs. Flower, and Mrs. Abbott.

The report of the committee was not approved on the following vote: Ayes—McKay, and Mrs. Abbott; noes—Fulkerson, McLean, Bullard, Hatch, Mrs. Flower, and Mrs. Carriel.

The Finance Committee presented the following report which was adopted:

URBANA, ILLINOIS, May 6, 1899.

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

GENTLEMEN:—Your Finance Committee begs leave to report that it has examined vouchers, submitted by the Business Manager, on which warrants have been issued as follows:

General University, Nos. 551 to 1,350, inclusive.....	\$65,573 86
Agricultural Experiment Station, Nos. 101 to 228, inclusive.....	4,555 56
State Laboratory Natural History, Nos. 88 to 175, inclusive.....	2,747 01
School of Pharmacy, Nos. 12 to 75, inclusive.....	4,975 93
School of Medicine, Nos. 108 to 250, inclusive.....	15,914 22
Total.....	\$93,766 58

We have also examined the vouchers reported not presented in the quarter ending June 30, 1898, as follows:

General University, No. 2,609.....	\$11 50
Laboratory of Natural History, No. 276.....	20 00
Agricultural Experiment Station, No. 421.....	16 65
Agricultural Experiment Station, No. 425.....	8 42
School of Medicine—	
No. 367.....	7 50
No. 404.....	2 75
No. 406.....	2 00
No. 408.....	9 00
No. 421.....	3 00
No. 422.....	2 25
No. 432.....	2 25
No. 465.....	26 66
No. 472.....	2 30
Also in the quarter ending March 31, 1898:	
General University, No. 2,640.....	2 50
Laboratory of Natural History, No. 225.....	3 00

We have found that the above vouchers for the quarters ending March 31, 1898; June 30, 1898; December 31, 1898, are duly receipted and in proper form.

Respectfully submitted,

F. M. MCKAY,  
THOMAS J. SMITH,  
A. F. NIGHTINGALE,  
*Finance Committee.*

### TREASURER'S REPORT.

The Secretary presented the Treasurer's report, which was referred to the Finance Committee:

*E. G. Keith, Treasurer, in account with the University of Illinois, March 31, 1899.*

		DR.	
1899.	Balance, December 30, 1898.....		\$57,092 19
Jan.	5 Rec'd from S. W. Shattuck, for credit School of Medicine fund.....		\$5,296 15
"	7 Rec'd from U. S. Treasurer for Agricultural Experiment Station fund.....		3,750 00
"	17 Rec'd from Treasurer of the State of Illinois, interest on Endowment fund for credit general fund.....		11,556 41
"	28 Rec'd from S. W. Shattuck, paid warrants for credit general fund.....		2,132 87
"	31 Rec'd from S. W. Shattuck, Chicago draft for credit general fund.....		2,000 00
"	31 Rec'd from S. W. Shattuck, Chicago draft for credit Agricultural Experiment Station fund.....		112 29
Feb.	8 Rec'd from S. W. Shattuck, for credit School of Medicine fund.....		4,311 67
"	8 Rec'd from S. W. Shattuck, for credit School of Pharmacy fund.....		787 50
"	21 Rec'd from S. W. Shattuck paid warrants for credit general fund.....		2,122 96
"	27 Rec'd from S. W. Shattuck, for credit School of Medicine fund.....		6,000 00
"	27 Rec'd from S. W. Shattuck, for credit School of Pharmacy fund.....		1,822 50
"	28 Rec'd from S. W. Shattuck, for credit general fund.....		5,000 00
March	7 Rec'd from Treasurer of State of Illinois, for credit of general fund.....		37,250 00
"	10 Rec'd from S. W. Shattuck paid warrants for credit Agricultural Experiment Station fund.....		355 29
"	10 Rec'd from S. W. Shattuck paid warrants for credit general fund.....		2,361 89
"	10 Rec'd from S. W. Shattuck, for credit School of Medicine fund.....		2,859 60
"	28 Rec'd from S. W. Shattuck, for credit general fund.....		1,985 41
"	29 Rec'd from S. W. Shattuck, for credit School of Medicine fund.....		1,681 90
"	29 Rec'd from S. W. Shattuck, for credit School of Pharmacy fund.....		585 00
			<u>91,971 44</u>
			<u>\$149,063 63</u>



		CR.	
1898.			
March 31	By amount paid out of general fund, as per list of warrants herewith.....	\$66,131 41	
" 31	By amount paid out of School of Pharmacy fund, as per list of warrants herewith.....	2,796 58	
" 31	By amount paid out of Agricultural Experiment Station fund, as per list of warrants herewith.....	4,475 51	
" 31	By amount paid out of School of Medicine fund, as per list warrants herewith.....	6,807 33	
" 31	By amount paid out of Laboratory of Natural History fund, as per list of warrants herewith.....	3,098 08	
	<i>Balances—</i>		
	General fund.....	\$38,591 65	\$88,308 91
	Agricultural Experiment Station fund.....	1,276 64	
	School of Pharmacy fund.....	190 02	
	School of Medicine fund.....	21,388 36	
	Laboratory of Natural History fund.....	4,308 05	65,754 72
			<u>\$149,063 63</u>

Respectfully submitted,

E. G. KEITH, *Treasurer.*

#### COMMITTEE ON AGRICULTURE.

Mrs. Abbott, from the Committee on Agriculture, reported as to the amount of the expense incurred by the special committee appointed to visit other institutions having agricultural departments (see page 78), and it was ordered that the several expense bills of the members of the committee be paid and the amount charged to the appropriation for an agricultural building.

The following report was presented:

URBANA, ILLINOIS, June 13, 1898.

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

GENTLEMEN:—The Committee on Agriculture, authorized by action of the Board to visit such agricultural colleges, or departments of State universities, as it might see fit, to study methods, and character of buildings and equipment, begs leave to submit the following report.

For convenience the report is divided into Parts A and B.

Part A includes methods used, conditions discovered, and results observed; recommendations in regard to standard and curriculum, and for the increase of faculty.

Part B consists of a report of character of buildings with recommendations as to the entire plant to be erected, accompanied by plans and suggestions made by the architect.

#### PART A.

As each state has its own problems to solve, Illinois can follow no one measure, but must build up the agricultural department to meet its own conditions.

It has been found that in Wisconsin, where the dairy interests of the state are most important, the short fourteen weeks' course, entered without examination or scholastic preparation other than that resulting from the ordinary grammar school education, are the only well-attended sections of the agricultural department. Of these courses most attention is paid to the dairy interests.

A long course of four years exists, but is not well attended and but few comparatively follow it. In reply to the direct question as to the influence of the great prominence given to the short course, we learned that it was practically destructive of the other in the state, owing to conditions which had to be met. But we were warned not to be guided in action or plan by results

in other states. This department finding but few text books for the study of the various branches of agriculture has in the course of the past fifteen years developed its own books and eleven of its publications are regarded as more or less standard in other states. Two hundred and seventy students were in the short courses this year, 150 in the dairy course, the remainder in the general short course.

In the four years' course students enter with same conditions as those in other departments, with the exception of the rule relating to languages. Agriculture is not, however, begun until the junior year. Wisconsin sends her short course men mainly to fill positions of superintendents of dairy interests, as managers of the dairy side upon farms owned by rich city men, or as hired men upon the farm to work their way up to individual independence in that special line.

A student roll of 525 at Lansing shows the popularity of the Michigan Agricultural College, probably the most flourishing example of the school of this class separated from the university.

The farm consists of 676 acres, a part still virgin forest, but with near 400 acres under cultivation, without including orchards and gardens. The campus was laid out originally by Mr. Fred Law Olmstead and is very beautiful.

The college has a herd of 115 cattle, 100 sheep, a few good horses, 14 breeds of poultry, and 30 hives of bees. About eight teamsters are employed, and, in times of pressure, labor outside of that done by students is required. Students must work two hours daily. The state appropriates \$2,500 annually to pay for student labor. All produce is sold.

A very thorough, somewhat sensational method of advertising, in charge of a special agent, is carried out and during the summer the college is the Mecca of the farming community, their pride, and delight.

The department of domestic science is successful; the equipment excellent, and forms a necessary part of the four years' course, which is in the main the same for women as for men. The electives are in music, painting, millinery, floriculture, fruit culture, poultry raising, dairying, and kitchen gardening.

All students in the Women's Course, not deficient in more than two studies, are given two years' instruction on the piano free. The course in music covers four years, and should the two years' student desire to continue she can do so on the payment of about ten dollars a term.

The Michigan school offers three courses: The Agricultural, the Mechanical, and the Domestic Economy courses for women. Each of these is for four years and graduates with the degree of the Bachelor of Science. There are also four special winter courses of six weeks each: In dairy husbandry, in live stock husbandry, in fruit culture, and in floriculture, and winter vegetable gardening. Naturally these are entered without examination, to teach methods of bread-winning being the purpose.

The standard, technical and general culture training of the four years' course is most admirable. Here the special short course does not injure the development of the long courses, and the college thus does its share of the duty of the State to all classes of its citizens. Michigan Agricultural College has an income of near \$100,000. They get much more than Illinois from the land grant.

Michigan turns out all-round men and women, and more of her graduates fill honorable positions as professors of the agricultural department of other universities than from any other school. A large proportion returns to the farm and may enter active political life.

At Geneva, New York, the delightful possibilities of an Experiment Station, so conducted as to give the scientific investigator a chance to do good work, without expecting him to fill the rôle of instructor also, was exhibited, and it is hoped that the education thus afforded your trustees may result in improvements in the situation in Illinois, and a more careful use of funds given for purely scientific purposes. This Station has the finest equipment in this line in the country and has an income of \$86,000 appropriated by the

State, some \$1,500 only of this being received from the Hatch fund, the remainder of the fund going to the Station at Cornell. This \$1,500 is given to secure the franking privilege for the Station. Six or seven graduates of the Michigan school fill honorable positions here.

At Cornell the agricultural department has an income of over \$80,000, \$13,000 is the United States Experiment Station fund, \$25,000 from the Second Morrill Act fund and a special State appropriation of \$35,000; \$10,000 is given from the general fund, allowed for barns, farm, repairs, and the salaries of the dairy school. About \$7,000 of this is turned back as profit from sales.

They have a four and two years' course, a post-graduate and a short course. There are this year, nearly two hundred in all, a tenth of the whole number of the students at Cornell. There are 40 taking the four years, 45 the two years' course, 90 in the short course, 50 of these in the dairy, 40 in the general short course. These are about all they can manage and they are not asking for students. The short course is eleven weeks, without entrance examination. Those special students must be over 17 years of age, 16 years being required for the four years' course.

The most remarkable work done at Cornell through the College of Agriculture is a sort of University Extension System with all the farmers of the State as students, beginning with the children in nature study clubs. These latter now number over forty thousand children, mainly in the 5th, 6th, and 7th grades.

The Agricultural Department at Cornell has a remarkable group of men, working together most harmoniously, each man given his chance to do his best and all additions to faculty or instructors made through combined efforts and consultation for the good of the whole.

The amount of land used is comparatively small; the grade of the students ranks with that of other departments and ten per cent. of the whole student body is considered a fair proportion. Practically the entire farming community of the State are their students. Here we find the faculty strengthened by several graduates of the Michigan School, one or two of these being men who would be eminent anywhere.

At the University of Ohio in Columbus, this department is called the College of Agriculture and Domestic Science. It offers a four and a two years' course. Applicants for the short course must be fifteen, and unless over twenty-one must pass an examination or bring high school certificates. Applicants over twenty-one enter without examination. Practically many of the two year men pursue the four years' course, and few leave before studying three years.

This year there are 164 students in all; 53 in the four years' course, 19 in the Dairy and 39 in the Domestic Science course. The entire student body at Columbus is 1,147. The increase is rapid in the four years' course.

The University stands in the midst of 365 acres of cultivated land, tilled under the direction of the College of Agriculture. The college pays over \$4,000 for student labor and asks nothing for this purpose of the State. Crops are sold and students work a certain number of hours. We were assured that these men rank in scholarship as high and often higher than in any other department. Professor Hunt took great pride in presenting a large number of these students to the committee. Many of them are paying their way.

They have a system of free scholarships open to men and women, for the two years' course. These scholarships are good for one year of the four years' course should the student go into it. The first year is practically a high school course. These students are appointed by the Board of Directors of the County Agricultural Societies. All fees, including laboratory fees, are remitted.

No Experiment Station is connected with this institution.

We beg leave to submit a few statistics of the Agricultural College of the Ohio University, prepared by the dean of the department, Professor Hunt, as a refutation, so far as that college is concerned, of the statement that universities are educating men away from the farm or farming interests.

"Since January, 1892, 453 students have been connected with the College of Agriculture and Domestic Science. Of the number 149 are still students, fourteen of them being in other courses or colleges. There are 106 ex-students of whom we have no present knowledge. This leaves us 200 ex-students of whom we have definite information. There are 80 farmers, 40 butter and cheese makers, 28 are farm foremen or farm employés of more less responsibility, while 10 are teachers in agricultural colleges. Seven young men were in the Spanish-American war, while eleven of the 200 ex-students are young women who have been pursuing the course in domestic science recently established. One has become a lawyer, one a physician, and one is a member of an agricultural newspaper firm. There are two druggists, and two veterinarians. Two have died, six are clerks and six are in miscellaneous occupations.

"Of the 106 not heard from many were students a portion of one year only. There is fully as much reason to suppose that they have returned to the farm as that they are anywhere else.

"Of the 300 who have apparently ended their college days, 29, or about ten per cent. (not including the present senior class), have graduated in the four year courses of Agriculture or Horticulture and Forestry. Of these eleven have become farmers or gardeners, seven are teachers in agricultural colleges, two are farming for others, two are preparing to be physicians, two are clerks, one is curator of the Archeological Museum, one is a creamery operator; one a post-graduate student; one was in the recent war and the occupation of one is unknown."

These figures are presented with the hope that the Board may not find them tedious. It is a matter of doubt whether any other technical or professional course can show a higher proportion of graduates following the calling for which they were educated.

In view of all these facts and the information gained your Committee begs to recommend that the faculty and instruction force of the College of Agriculture be increased as soon as may be deemed expedient.

The Committee recognizes through its recent experience that both instruction and investigation in agriculture in its various branches require an equipment which is expensive to maintain, while there is also the fact to be considered that the function of the Experiment Station is purely that of original scientific research.

We would therefore recommend as a fixed policy of the University that the expense of the equipment provided for purposes of instruction be met from the fund of the College of Agriculture only; further, that the equipment required for the Experiment Station be maintained from the funds of the Station only. But that where the same equipment may serve for both purposes the expense may be divided pro rata.

With this recognition of conditions the Committee would suggest that the Dean of the College and the Director of the Station be instructed to observe such care in estimating expenses for maintenance and equipment that such division shall always bear only its due proportion.

As all receipts of the Experiment Station are credited to the Station fund we would recommend that all receipts from sale of farm and other products under the management of the College of Agriculture shall be credited to the fund of that College, to be hereafter known as the agricultural fund, and that the dairy herd and appliances be transferred, without cost, to the College of Agriculture.

In view of the recently enacted law, which specifically declares that not less than one-half of the revenues from the so-called Land Grant Act, approved July 2, 1862; and not less than one-half of the proceeds of the so-called "Second Morrill Bill," approved August 30, 1890, shall be applied by the Trustees of the University of Illinois solely to instruction in the State Agri-

cultural College in the principles and practices connected with the cultivation of crops, the character and treatment of soils, the breeding, feeding, and management of domestic animals and the diseases to which they are subject, the operations of dairying, and the subjects of fruit growing, gardening, landscape gardening, and forestry, and the facilities for such instruction, it is the sense of this committee that these funds are to be limited absolutely to technical agriculture in the lines defined by the bill and that no portion shall be used directly or indirectly for instruction in any of the related arts or sciences even though they may form a necessary part of the full curriculum required of the agricultural student. Not only is this the legal position to be maintained by the Trustees, but circumstances require that immediate action should be taken in order properly to organize the new force required in the College. An additional amount to the general maintenance fund was appropriated in order that no other department should be crippled by the withdrawal of funds upon which they had depended.

We therefore instruct the Business Manager that from the 1st of July, 1899, the assignment of salaries and bills shall be made in strict accordance with these provisions of the law.

The Committee would also recommend the immediate publication of a special circular to present to the general public a statement of the courses of instruction offered, the conditions of admission, the facilities and methods of instruction and conditions of graduation, together with such other information as may be deemed necessary for the prospective student.

It is also recommended that this circular be prepared by the Committee on Publication, and that the first edition be at least ten thousand copies, and that steps be taken by them for its thorough and immediate distribution through the additional influence and knowledge of the Farmers' Institute, and such other sources as the Committee on Publication may deem advisable. The Committee would recommend an appropriation of \$200.00 to defray the expense of the same, and that payment be made by the Business Manager upon order of the chairman of the Committee on Publication. The Committee recommends that the cost of this publication and the expense of mailing the same be charged to the agricultural fund.

#### PART B.

Your Committee would also report that upon careful study of many buildings, forming part and parcel, or of complete agricultural plants, it is their conviction that one large building with three wings would probably be the most desirable method of construction.

They recommend that the building and the entire equipment, the architect's fees, and expense of recent trip of trustees, be defrayed from the sum of \$150,000 appropriated, provided that said equipment include all fixtures for securing ventilation, compressed air, refrigeration, and power for running dairy and other machinery, all dairy and horticultural appurtenances, all appurtenances for the departments. Also that from this same appropriation the expense be paid of the tunnel and heating pipes to be taken from the point nearest to the proposed building, but that it shall not include the expense of any addition to the central heating plant.

All fixed wall cases, desks, tables, sinks, and fittings for the laboratory work shall be so included; also in all lecture or assembly rooms where fixed seats are required, such furniture shall be supplied; also the entire outfit for the baths and the Domestic Science department.

The accompanying plans are also submitted.

W. H. FULKERSON, *Chairman*,  
F. L. HATCH,  
F. M. MCKAY,  
ALICE ASBURY ABBOTT,

*Committee on Agriculture.*

The reading of this report was interrupted by adjournment to Wednesday afternoon at 2 o'clock.

SESSION OF WEDNESDAY AFTERNOON, JUNE 14, 1899.

When the Board met pursuant to adjournment the same members were present as the evening before except Mr. McKay.

The following letter from Professor Snyder was read:

PACIFIC BEACH, CAL., April 16, 1899.

*Hon. Alexander McLean,*

MY DEAR SIR:—Allow me to thank you for the kind sympathy you have shown to me in the matter of my donation to the University.

I only can say that I most heartily wish it were ten times the amount. It seems to me almost that I am getting too much credit for a thing which I have been contemplating and planning for these many years. Dr. Draper seems to be very much pleased and has written many a kind word in appreciation. I trust I may have many imitators in the near future.

I hear that appropriations to the amount of nearly \$500,000 have been given, which makes my heart glad.

Please express to the Trustees my full appreciation and gratitude for their kindness, past and present.

Very sincerely yours,

E. SNYDER.

Upon recommendation by President Draper it was ordered that \$200 of G. P. Clinton's salary be paid by the University on account of his services as instructor in botany.

On motion of Mrs. Flower, authority was given President Draper to secure, if it should be necessary, an additional instructor in pedagogy who should have the title of assistant professor and a salary of \$1,200 per year.

On motion of Mrs. Flower, Mr. Arthur H. Daniels was appointed professor of philosophy and his salary was made \$1,350 a year in accordance with the recommendation of President Draper.

A letter was received from Dr. Kinley stating he had not found it necessary or desirable to use the \$100 appropriated for investigation as to the changes resulting from the introduction and extensive use of farm machinery, since a book had recently been published by a German writer covering nearly the ground which he had proposed to cover by the proposed investigation.

The Secretary presented the following letter:

ALUMNI ASSOCIATION.

URBANA, ILLINOIS, June 13, 1899.

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

GENTLEMEN:—At a meeting of the Alumni Association, Mr. W. L. Pillsbury was appointed Secretary of the Association and was requested to ask the Board of Trustees to appropriate \$25.00 for his expenses as Secretary during the coming year.

CORDA LUCAS,  
*Secretary.*

On motion of Mr. Bullard the appropriation was made as requested by the Alumni Association.

With regard to scholarships for students entering the Agricultural College (see page —), the committee to which the subject was referred reported as follows:

SCHOLARSHIPS IN AGRICULTURAL COLLEGE.

URBANA, ILLINOIS, June 14, 1899.

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

GENTLEMEN:—Your special committee reports as follows with regard to scholarships for the Agricultural College:

*Resolved*, That the University receive into the College of Agriculture for the period of two years each one student from each county outside of Cook county and one from each of the first seven congressional districts of the State, upon the recommendation of the executive committee of the Illinois Farmers' Institute, and that all term fees of such students be remitted, provided the students so recommended shall not have previously been in the University and shall comply with all conditions of admission to the College of Agriculture.

Respectfully submitted,

ALICE ASBURY ABBOTT,  
FRED L. HATCH.

Messrs. G. A. Willmarth, President of the Illinois Farmers' Institute, and A. B. Hostetter, Secretary, who were present, stated their views with regard to these scholarships, and approved the resolution presented by the committee.

The report of the committee was adopted.

Mrs. Carriel, on behalf of the Committee on Students' Welfare, offered the following, which was adopted, and appropriations were made as therein requested:

LUNCH ROOM AND SUPERINTENDENT.

WHEREAS, For the convenience of students a lunch room is desirable, therefore, be it

*Resolved*, That the Committee on Students' Welfare be authorized to have the rooms under the University chapel repaired and fitted up for a lunch room, and that for this purpose \$2,500, or so much thereof as may be needed, be hereby appropriated. Also

*Resolved*, That some one to take charge of this lunch room be employed at a salary not to exceed \$1,000 a year.

REPORT OF AGRICULTURAL AFFAIRS.

The discussion of the report with regard to agricultural matters was then continued.

A vote was taken upon the recommendation for an increase, as soon as expedient, of the faculty and instruction force of the College of Agriculture (see page 106), and the recommendation was adopted.

The recommendation with regard to the careful separation of Experiment Station funds from other University funds (see page 106), was adopted after a statement had been made by the Business Manager, Professor Shattuck, that this had been, from the establishment of the Station, the policy of the University.

The recommendation as to crediting Experiment Station receipts and farm receipts and of the transfer of the dairy herd and appliances to the College of Agriculture (see page 106), was adopted.

Mr. Smith moved as a substitute for the recommendation of the Committee with regard to the law as to returns from the Morrill acts that the following be adopted:

*Resolved*, That the Board accepts the law and instructs its Business Manager to comply therewith.

The motion prevailed.

The proposition for the publication of a special circular was adopted.

There was also a special vote of approval of part B of the report.

The whole report as thus amended was then adopted.

#### PLANS FOR AN AGRICULTURAL BUILDING.

Two plans, Nos. 1 and 2, for an agricultural building submitted by the architect were then considered, the treatment of No. 1 being in the classic style.

Mrs. Flower moved to adopt plan No. 1. Mr. Smith moved as a substitute the adoption of plan No. 2.

The amendment was lost and the original motion was then adopted.

#### SITE OF AGRICULTURAL BUILDING.

It was voted that a site for the agricultural building should be chosen on the east side of Burrill avenue, between the Chemical Laboratory and the Observatory, and about 800 feet south of the Laboratory, the building to front west.

It was also voted that Mr. Fulkerson, Mr. Bullard, President McLean, and Mr. Llewellyn, the architect, should be a committee to fix the precise location of the building.

The Committee on Instruction made the following report with regard to the condition of affairs in the department of electrical engineering:

#### ELECTRICAL ENGINEERING DEPARTMENT.

URBANA, ILLINOIS, June 14, 1899.

*To the Board of Trustees.*

The Committee on Instruction to which was referred at the last Board meeting the investigation of the department of electrical engineering, desires to report that after a careful investigation it feels assured the trouble in that department has resulted solely from the lack of a strong and efficient head to the department. Such a head having been secured in the person of Professor Aldrich, your Committee feels sure there will be no further trouble.

Respectfully submitted,

LUCY L. FLOWER,  
ALFRED BAYLISS,  
F. L. HATCH,  
MARY TURNER CARRIEL,  
*Committee on Instruction.*



Mr. Smith offered the following resolution and, after some discussion, further consideration of it was deferred to the September meeting of the Board:

INSTRUCTION IN MUSIC.

*Resolved*, By the Board of Trustees of the University of Illinois that all matriculated students shall be entitled to instruction in all departments of the School of Music at no higher rates than students of other departments of the University are charged.

That all persons desiring to enter the School of Music shall be subject to the rules in force in other departments of the University touching qualifications and course of study. An examination shall be had as in other departments as to the end that each pupil shall maintain the required standing.

Mr. Bullard offered the following resolution which was adopted:

AGRICULTURAL BUILDING.

*Resolved*, That Mr. J. C. Llewellyn, the architect of the agricultural building, be instructed to proceed at once with the preparation of specifications for the use of bidders in making proposals and that the Committee on Buildings and Grounds be, and hereby is, instructed to advertise for proposals for the construction of the same, and lay said proposals, when received, before a meeting of this Board for the letting of contracts therefor.

That the work of construction be pushed by the Committee to the end that the building be completed and ready for use at the beginning of the year in September, 1900. The cost complete, including architect's fees and other necessary expenses connected therewith, to be in the limits of the legislative appropriation made for said building.

SUMMER SCHOOL.

A communication with reference to the Summer School was presented by President Draper with the statement that it had just been received by him, that he had not had opportunity to read it, and that, therefore, he was not prepared to make recommendations thereon.

The paper was referred to the Committee on Instruction for report at the adjourned session of the Board.

The matter of appointments of instructors in psychology and oratory was referred to President Draper (or, if it should not be settled before he should go away, to Dr. Burrill, Vice-President,) and the Committee on Instruction with power to act.

Mr. McLean offered the following resolution which was adopted:

WHEREAS, A committee was appointed to visit several state institutions for the purpose of examining the buildings and other appliances of the agricultural departments of said universities, and

WHEREAS, Said committee has performed said services and made careful investigation and report upon all matters for the consideration of which it was appointed, therefore, be it

*Resolved*, That the thanks of the Board are hereby tendered to the committee for the faithful performance of the duties contemplated in its appointment.

## BUSINESS MANAGER'S REPORT.

The Business Manager's report was received and referred to the Finance Committee.

UNIVERSITY OF ILLINOIS, June 13, 1899.

*Alex. McLean, Esq., President Board of Trustees, University of Illinois,*

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

*Paper A* is a statement of the current appropriations, March 31, 1899.

*Paper B* is a statement of the State appropriations, March 31, 1899.

*Paper C* is a statement of the United States fund, March 31, 1899.

*Paper D* is a statement of the Laboratory of Natural History fund, March 31, 1899.

*Paper E* is a statement of the Agricultural Experiment Station appropriations, March 31, 1899.

*Paper F* is a statement of the School of Pharmacy appropriations, March 31, 1899.

*Paper G* is a statement of the School of Medicine appropriations, March 31, 1899.

*Paper H* is an estimate of receipts and expenses for the twelve months ending June 30, 1900.

*Paper I* is a list of appropriations for the three months ending September 30, 1899, which the Board is requested to make at this time.

*Paper L* is a statement of the receipts by the Business Manager for the three months ending March 31, 1899.

## PAPER A—CURRENT APPROPRIATIONS.

March 31, 1899.	Appropriated.	Expended.	Balance.
Board expenses.....	\$500 00	\$266 55	\$233 45
Salaries for instruction { Current .....	93,124 93	950 51	6,781 46
{ U. S. Fund .....		24,000 00	
{ State .....		61,392 96	
Salaries for services { Current.....	17,271 52	966 24	151 88
{ State .....		16,153 40	
Buildings and grounds.....	1,500 00	1,091 21	407 79
Fuel and lights .....	2,000 00	1,427 82	572 18
Stationery and printing.....	1,500 00	1,086 83	413 17
Preparatory School.....	3,597 50	3,597 50	.....
Repair shop.....	2,600 00	2,398 33	201 67
Mechanical department.....	1,300 00	332 43	967 57
Departments .....	900 00	321 05	578 95
Laboratories.....	3,600 00	3,292 14	307 86
Library and apparatus.....	150 00	49 22	100 78
Incidentals.....	2,500 00	1,252 10	947 90
<i>Sundries—</i>			
Closed out.....	1,990 46	1,990 46	.....
Blue print room .....	533 67	348 47	185 20
Bruner case.....	450 00	444 27	5 73
Burial of Dr. Gregory.....	300 00	182 85	117 15
Corn and oats investigations.....	150 00	42 07	107 93
Food investigation .....	300 00	7 20	292 80
Furniture and fixtures .....	550 00	156 48	393 52
Greenhouse .....	400 00	30 17	369 83
Heating apparatus .....	600 00	135 31	464 69
Library school.....	600 00	430 44	169 56
Minnesota lands.....	600 00	282 06	317 94
South farm.....	224 00	221 92	2 08
	\$136,942 08	\$122,850 99	\$14,091 09

## PAPER B—STATE APPROPRIATIONS.

1895-1897.	Received.	Expended.	Balance.	Assigned.
<i>Cabinets—</i>				
Botany.....	\$666 66	\$496 37	\$170 19	\$170 19
Geology.....	666 67	652 86	13 81	13 81
Zoölogy.....	666 67	484 10	182 57	182 57
	\$2,000 00	\$1,633 43	\$366 57	\$366 57
1897-1899.	Received.	Expended.	Balance.	Assigned.
<i>Endowment fund interest.....</i>	\$35,806 44	\$35,806 44		
<i>Fire protection.....</i>	\$2,000 00	\$1,462 14	\$537 86	\$537 86
<i>Taxes on Minnesota lands.....</i>	\$3,600 00	\$3,464 85	\$135 15	\$135 15
<i>Vaccine Laboratory.....</i>	\$2,400 00	\$1,580 24	\$819 76	\$819 76
<i>Chemical Laboratory equipment.....</i>	\$5,000 00	\$4,625 88	\$374 12	\$374 12
<i>Pavements and walks.....</i>	\$4,000 00	\$3,515 52	\$484 48	\$484 48
<i>Library.....</i>	\$20,000 00	\$12,387 72	\$7,612 28	\$7,612 28
<i>Shop practice.....</i>	\$3,000 00	\$2,458 26	\$541 74	\$541 74
<i>Water survey.....</i>	\$6,000 00	\$4,097 62	\$1,902 38	\$1,902 38
<i>Cabinets.....</i>	\$2,000 00		\$2,000 00	\$2,000 00
<i>Engineering equipment—</i>				
Architecture.....	\$689 54	\$689 44		
Civil engineering.....	547 11	547 11		
Mechanical department.....	4,509 58	4,509 58		
Physics and electrical engineering.....	6,171 09	6,171 09		
Theoretical and applied mechanics and municipal and sanitary engineering.....	1,436 30	1,436 30		
College (in general).....	5,500 00	5,403 81	\$96 19	\$96 19
Unassigned.....	1,146 38		1,146 38	
	\$20,000 00	\$18,757 43	\$1,242 57	\$96 19
<i>Apparatus and materials—</i>				
Closed out.....	\$200 00	\$200 00		
Applied chemistry.....	175 00	87 60	\$87 40	\$87 40
Astronomical Observatory.....	1,170 00	1,082 06	87 94	87 94
Botany and horticulture.....	740 00	684 87	55 13	55 13
Chemistry.....	1,000 00	918 62	81 38	81 38
Geology.....	450 00	60 01	389 99	389 99
Physiology.....	1,000 00	562 37	437 63	437 63
Psychology.....	350 00	302 23	47 77	47 77
Zoölogy.....	400 00	142 20	257 80	257 80
Unassigned.....	515 00		515 00	
	\$6,000 00	\$4,039 96	\$1,960 04	\$1,445 04
<i>Salaries, etc.—</i>				
Closed out.....	\$10,576 92	\$10,576 92		
Salaries for instruction.....	98,108 40	98,108 40		
Salaries for services.....	21,948 08	21,948 08		
Accredited schools.....	1,000 00	544 40	455 60	455 60
Advertising, postage, etc.....	6,500 00	3,108 39	3,391 61	3,391 61
Administrative offices.....	300 00	126 50	173 50	173 50
Agricultural department.....	5,971 00	5,412 71	558 29	558 29
Art and design.....	650 00	364 30	285 70	285 70
Band and military scholarships.....	30 00	30 00		
Buildings and grounds.....	11,293 98	10,850 55	443 43	443 43
Board expenses.....	900 00	676 91	223 09	223 09
College of Literature and Arts.....	250 00	23 99	226 01	226 01
Decorating Library Hall.....	3,500 00	2,750 00	750 00	750 00
Fuel and lights.....	9,000 00	8,410 25	589 75	589 75
Food investigation.....	500 00		500 00	500 00
Furniture and fixtures.....	2,175 00	1,563 62	611 38	611 38
Heating apparatus.....	3,080 00	2,794 88	285 12	285 12
Heating plant.....	2,511 90	2,192 29	119 61	119 61
<i>Illinois Agriculturist.....</i>	198 40	128 40	75 00	75 00
<i>Illinois Field.....</i>	3,000 00	2,648 00	352 00	352 00

Paper B—*State Appropriations*—Concluded.

1897-1899.	Received.	Expended.	Balance.	Assigned.
<i>Illini</i> .....	\$1,000 00	\$875 00	\$125 00	\$125 00
<i>Illio</i> .....	200 00	200 00		
Law School .....	249 94	92 58	157 36	157 36
Lectures .....	509 00	138 30	361 70	361 70
Library supplies .....	950 00	868 94	91 06	91 06
Lockjaw experiment .....	50 00	24 40	25 60	25 60
Mechanical engineering shops .....	510 00	357 56	152 44	152 44
Oratorical contest .....	400 00	200 00	200 00	200 00
Preparatory School .....	500 00	91 35	408 65	408 65
Photographic equipment .....	300 00	100 38	199 62	199 62
Physical training .....	1,000 00	652 98	347 02	347 02
School of Music .....	750 00	693 00	57 00	57 00
Southern Illinois land experiments .....	35 00	35 00		
Stationery and printing .....	1,000 00	706 23	293 77	293 77
<i>Technograph</i> .....	200 00	100 00	100 00	100 00
Typewriting bureau .....	250 00	199 23	50 77	50 77
Water supply .....	750 00	500 00	250 00	250 00
Woman's department .....	300 00	1 99	298 01	298 01
Unassigned .....	4,761 38		4,761 38	
	\$195,000 00	\$178,090 53	\$16,909 47	\$12,148 09

## PAPER C—UNITED STATES FUND.

Year ending June 30, 1899.	Received.	Expended.
Salaries for instruction .....	\$24,000 00	\$24,000 00

## PAPER D—LABORATORY OF NATURAL HISTORY.

1895-1897.	Received.	Expended.	Balance.	Assigned.
General balance, July 1, 1896 .....	\$253 68	\$32 30	\$221 38	\$221 38
1897-1899.	Appropriated.	Expended.	Balance.	Assigned.
Salaries and assistants .....	\$8,000 00	\$7,493 85	\$606 15	\$506 15
Field, office, and incidentals .....	3,000 00	2,678 48	321 52	321 52
Library .....	3,000 00	2,332 52	667 48	667 48
Bulletins .....	1,500 00	1,106 14	393 86	393 86
Report of Entomologist .....	500 00	281 12	218 88	218 88
Biological Experiment Station .....	6,000 00	5,217 70	782 30	782 30
	\$22,000 00	\$19,109 81	\$2,890 19	\$2,890 19

## PAPER E—UNITED STATES AGRICULTURAL EXPERIMENT STATION.

1898-1899.	Appropriated.	Expended.	Balance.
<i>General Fund—</i>			
Salaries.....	\$5,461 64	\$5,461 64	.....
Labor.....	2,275 00	2,256 09	\$18 91
Publications.....	1,109 74	789 64	320 10
Postage and stationery.....	92 60	82 60	10 00
Freight and express.....	72 28	58 67	13 61
Heat, light, and water.....	180 00	120 00	60 00
Chemical supplies.....	111 50	75 45	36 05
Seeds, plants, and sundries.....	114 56	114 56	.....
Feeding stuffs.....	568 86	568 86	.....
Library.....	100 00	56 03	43 97
Tools, implements, and machinery.....	211 95	175 56	36 39
Furniture and fixtures.....	20 00	10 01	9 99
Scientific apparatus.....	310 00	308 30	1 70
Traveling expenses.....	262 12	252 43	9 69
Contingent expenses.....	274 75	274 75	.....
Buildings and repairs.....	85 00	82 25	2 75
	\$11,250 00	\$10,686 84	\$563 16
<i>Farm Fund—</i>			
Labor.....	\$1,885 00	\$1,804 05	\$80 95
Seeds, etc.....	895 00	865 50	29 50
	\$2,780 00	\$2,669 55	\$110 45

## PAPER F—SCHOOL OF PHARMACY.

1898-1899.	Appropriated.	Expended.	Balance.
Salaries for instruction.....	\$2,571 30	\$2,571 30	.....
Salaries for services.....	1,125 00	1,125 00	.....
Buildings and grounds.....	2,288 48	2,288 48	.....
Fuel and lights.....	356 40	356 40	.....
Stationery and printing.....	162 55	162 55	.....
Laboratories.....	744 91	744 91	.....
Incidentals.....	216 89	216 89	.....
Advertising.....	747 14	747 14	.....
Furniture and fixtures.....	22 57	22 57	.....
Unassigned.....	1,264 76	.....	\$1,264 76
	\$9,500 00	\$8,235 24	\$1,264 76

## PAPER G—SCHOOL OF MEDICINE.

1898-1899.	Appropriated.	Expended.	Balance.
Salaries for instruction.....	\$2,246 67	\$2,246 67	.....
Salaries for services.....	4,936 51	4,936 51	.....
Buildings and grounds.....	9,765 20	9,765 20	.....
Fuel and lights.....	1,718 36	1,718 36	.....
Stationery and printing.....	397 51	397 51	.....
Laboratories.....	766 45	766 45	.....
Library.....	79 95	79 95	.....
Apparatus and materials.....	3,650 82	3,650 82	.....
Incidentals.....	1,130 24	1,130 24	.....
Advertising.....	1,903 49	1,903 49	.....
Furniture and fixtures.....	700 82	700 82	.....
Unassigned.....	4,703 98	.....	\$4,703 98
	\$32,000 00	\$27,296 02	\$4,703 98

PAPER L—RECEIPTS BY THE BUSINESS MANAGER FOR THE THREE MONTHS ENDING  
MARCH 31, 1899.

University fees.....	\$9,183 75	
Preparatory School fees.....	1,831 15	
W. J. Bryan prize fund.....	250 00	
School of Medicine.....	14,853 17	
School of Pharmacy.....	3,195 00	
Fuel and lights.....	112 80	
Agricultural Experiment Station.....	567 73	
Chemical laboratory.....	701 19	
Blue print room.....	200 52	
Buildings and grounds.....	40 78	
Repair shop.....	79 10	
Greenhouse.....	89 45	
Vaccine laboratory.....	7 50	
South farm, rent.....	667 00	
Mechanical department.....	45 54	
Old boilers.....	175 00	
Incidentals.....	14 00	
Minnesota lands, rents, etc.....	71 61	
Land contracts, interest.....	566 15	
Land contracts, principal.....	7,460 65	
		\$40,112 09

*Paper M* is a list of general University vouchers presented for audit, being 1,351 to 2,225, inclusive.

*Paper N* is a list of Laboratory of Natural History vouchers presented for audit, being 176 to 300, inclusive.

*Paper O* is a list of the Agricultural Experiment Station vouchers presented for audit, being 229 to 357, inclusive.

*Paper P* is a list of the School of Pharmacy vouchers presented for audit, being 76 to 116, inclusive.

*Paper Q* is a list of School of Medicine vouchers presented for audit, being 251 to 400, inclusive.

*Paper R* includes several bills for which the Board is requested to make appropriations.

*Paper S* is a communication from W. A. Hawley in regard to his military scholarship for the year 1898.

In this connection I may state that no provision for the payment of military scholarships in the present year has been made.

The Board is requested to make an additional appropriation of \$47.50 for band scholarships, also \$200.00 for commencement expenses the present year as none has been made for this purpose.

Respectfully submitted,

S. W. SHATTUCK,  
Business Manager.

On motion of Mr. Smith, Mr. Bullard and Mrs. Abbott were instructed to lay before Governor Tanner the plans which had been adopted for an agricultural building.

The Board then adjourned to meet at the Sherman House, in Chicago, 9 a. m., Tuesday, June 27th.

ADJOURNED SESSION, JUNE 27, 1899.

When the Board met pursuant to adjournment at 9 o'clock a. m., at the Sherman House, in Chicago, Illinois, there were present Messrs. Bayliss, Bullard, Fulkerson, Hatch, McKay, McLean, and Smith and Mrs. Flower, Mrs. Carriel, and Mrs. Abbott. Those absent were Governor Tanner and Mr. Nightingale. President Draper was not present.

At the suggestion of Mr. Fulkerson, Mr. S. Noble King, representing the Illinois Farmers' Institute; Mr. W. H. Burke, President of the Illinois Agricultural Press Association; Mr. Henry Augustine, President of the Illinois State Horticultural Society, and Mr. Snow, of the *Orange Judd Farmer*, were heard with reference to matters pertaining to the agricultural department of the University.

Mr. McLean offered the following resolution which was adopted:

*Resolved*, That the Dean of the College of Agriculture be, and is hereby, requested to make out and submit a detailed plan of instruction and of general work in the Agricultural College of the University and to submit such plan to the Board of Trustees at this meeting, through the usual channels, as provided by the statutes of the University.

The following resolution offered by Mrs. Carriel was adopted:

*Resolved*, That the Business Manager be instructed to credit to the account of the Agricultural College a sum equal to one-half the amount to be received from the Morrill funds in accordance with the action of the Legislature, and that said sum be expended as hereafter directed by this Board.

The Board then adjourned to meet at 2 o'clock.

#### AFTERNOON SESSION, JUNE 27, 1899.

When the Board met pursuant to adjournment the same members were present as in the morning.

Dr. Burrill, Vice President, acting in the absence of President Draper, presented, with his approval, the following communication from the Director of the State Laboratory of Natural History.

#### STATE LABORATORY OF NATURAL HISTORY.

URBANA, ILLINOIS, June 24, 1899.

*To the Trustees of the University of Illinois.*

GENTLEMEN:—The appropriations to the State Laboratory of Natural History made at the last session of the Legislature in the general appropriation bill for the expenses of the State Government are as follows:

“To the State Laboratory of Natural History: For the expenses of the natural history survey, including the maintenance of the Illinois Biological Station, the sum of eight thousand dollars per annum; for the supply of natural history specimens to the State educational institutions and to public schools, the sum of five hundred dollars (\$500) per annum; for the publication of bulletins and reports, the sum of one thousand dollars (\$1,000).”

The State Laboratory is relieved for the coming two years of the maintenance of the work of the State Entomologist, which is separately provided for in the same bill by an appropriation for field, office, incidental, and library expenses, for the pay of assistants, and for the illustration of bulletins and reports.

The publication of the reports of the State Entomologist is also separately provided for in this bill by an appropriation of seven hundred and fifty dollars (\$750) per annum made to the State Agricultural Experiment Station for the publication of bulletins prepared by the State Entomologist on condition that one thousand copies of each of said bulletins shall be furnished to the Entomologist in condition for binding and distribution as his entomological report.

All the above appropriations are made payable by the State Treasurer, like all others in the general appropriation bill, only on receipted vouchers acceptable to the State Auditor. These funds, consequently, do not come into the possession of the Treasurer of the Board.

I recommend that the following salaries be made payable from State Laboratory funds at the same rate as last year: Miss Snyder, \$900; H. C. Forbes, \$1,100; and S. A. Forbes, \$250; that Dr. Kofoed be placed in charge as superintendent of the entire scheme of operations of the State Natural History Survey, at a salary of \$1,500; that H. A. Surface, now a graduate student in zoölogy at Cornell University, be appointed zoölogical assistant of the State Laboratory at a salary of \$600; that the arrangement with respect to the artist of the Laboratory, Miss Lillie Hart, be continued as before (see page 115 of the Report for '97); and that the salaries of Mr. C. A. Hart and Miss Alice M. Beach, \$1,000 and \$720 respectively, be dropped from the Laboratory list with the understanding that they will be taken up by me and paid from the funds appropriated to the State Entomologist's office. The salary of the office assistant, Mr. Harlan E. Scott, \$300, will be paid from the same fund. This leaves approximately \$3,000 a year of State Laboratory funds for field and library expenses and miscellaneous assistance—a sum sufficient for our operations as they are now planned.

With respect to the financial routine under the new form of the appropriations I recommend that all vouchers be signed in duplicate by those to whom payment is to be made and approved by the Director of the Laboratory before transmittal to the Auditor, except that those payable to the Director personally be endorsed as correct by the Business Agent of the State Laboratory. I would also suggest that the Director of the Laboratory be required to present a quarterly financial statement to the Trustees of the University, backed by duplicate vouchers, as evidence of the fact that the funds have been expended according to the term of the appropriation and to the assignments of the Board.

Respectfully submitted,

S. A. FORBES,  
*Director of Laboratory.*

The paper was read and explained by Professor Forbes and, on motion of Mr. Smith, its recommendations were adopted and appointments were made and the proposed method of business management approved.

On motion of Mrs. Abbott, the following resolution was adopted:

*Resolved*, That the Committee on Publication be authorized to print 500 copies of scholarship certificates for use in the College of Agriculture, the cost of same to be charged against the agricultural fund by the Business manager upon order of the chairman of said Committee.

Mrs. Flower offered the following resolution and, upon her motion, it was laid over until the next meeting of the Board:

*Resolved*, That Miss Caroline Hunt, of Chicago, be appointed to take charge of the lunch room at a salary of \$1,000 a year, and that, if her work prove satisfactory to the Board, she be appointed to the head of the domestic science department, when organized, at a salary of \$1,800 a year.

Dr. Burrill presented the following, pursuant to the resolution offered by Mr. McLean at the morning session:



## AGRICULTURAL DEPARTMENT.

CHICAGO, ILL., June 27, 1899.

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

GENTLEMEN:—According to your request I communicate herewith a copy of the report of the Dean of the College of Agriculture dated May 30, 1899, addressed to the President of the University. This copy has been handed to me today.

I find, upon inquiry, that the report was handed to the President and that he made, apparently, in connection therewith, certain recommendations at your last meeting. These recommendations were towards increasing the salaries of Messrs. Holden, Blair, and Fraser, and for the appointment of a stenographer. I do not find that any other of the suggestions of the Dean were reported to your body, and I therefore suppose they did not meet his approval for the time being. I have other reasons to suppose that some of the recommendations of the Dean would receive his endorsement when he considered the time ripe for them.

I can not in the least be held, however, to speak for President Draper in these matters, and under the circumstances I should much prefer to make no recommendations concerning them; yet it seems to me action is required, and the responsibility of positive movement is upon all in whom authority exists, but great care is needed that whatever is done should be carefully done and that no undue haste should be made.

Under the circumstances I recommend that positions be created as follows, as additions to those now filled in the College of Agriculture, and that the salaries agreed upon be paid from the funds devoted to the College, viz.:

1. An assistant professor of animal husbandry at a salary of \$1,200 to \$1,600 a year.
2. An assistant professor of soil physics at a salary of \$1,200 to \$1,600 a year.
3. An instructor in horticulture, or an assistant professor, at a salary of \$900 to \$1,200 a year.
4. An instructor in dairying at a salary of from \$600 to \$1,200 a year.

I further recommend that suitable provision be made towards finding the proper persons to fill these positions, but that no nominations of persons be made until after President Draper returns.

I also recommend that a small room be added on the west of the house occupied by Professor Davenport, the cost of the same not to exceed \$500.

I recommend further that consideration of the other matters communicated by the Dean of the College of Agriculture be postponed until the September meeting.

Respectfully submitted,

T. J. BURRILL,  
*Vice-President.*

The recommendations in the foregoing paper were adopted, including the appropriation of \$500.00 for the purpose named, but with an amendment, offered by Mrs. Carriel, to the effect that an effort should be made at once to find and appoint the proper persons to fill the new places created.

A letter was presented from Dr. W. E. Quine withdrawing his resignation of the deanship of the School of Medicine, and asking for a leave of absence from official duties for a year.

Dr. Quine's request was granted.

Dr. Burrill presented to the Board the following communication from President Draper:

CHAMPAIGN, ILLINOIS, June 21, 1899.

*To the Board of Trustees.*

Three small matters which were overlooked by me at the recent meeting of the Board are here presented:

1. I recommend that Dr. Hopkins be given a leave of absence, at his request, for one year dating from September 1st next, without pay, in order to study agricultural chemistry in Germany; and that Mr. L. H. Smith be appointed assistant chemist to the Experiment Station at \$600 for the year commencing September 1st, in accordance with the recommendation of Professor Davenport.

2. I recommend that the unexpended balance of the \$500 appropriated last year by the Board for work in food analysis in conjunction with the United States Department of Agriculture, be renewed and continued for the coming year.

3. Professor John E. McGilvrey, assistant in the department of pedagogy and High School Visitor, is unwilling to remain another year for the salary fixed by the Board upon my recommendation. The increase was but \$50. Professor McGilvrey has been doing excellent work in the University, and perhaps even better in the field. He has become well acquainted with the high school people and seems very acceptable to them. I dislike to have him leave our work and respectfully recommend that his salary for the next year be \$1,500 instead of \$1,350, as fixed at the recent session.

I have pleasure in adding in this connection that Professor McGilvrey has not agitated for a larger salary. He has never spoken about the matter until since the meeting of the Board and then only to announce his desire to withdraw in view of the salary having been fixed as above indicated.

At the time of the board meeting I did not recommend the reappointment of Mr. Charles T. Wilder as instructor in photography, for he had signified to me that he did not desire such reappointment. Since then he has concluded to remain if reappointed, and I recommend that he be appointed for ten months from September 1st, at \$90 per month.

I am, very sincerely yours,

A. S. DRAPER,  
*President.*

The several recommendations of the paper were adopted on motion of Mr. Smith, appropriations and appointments being made as advised therein.

The following report was received from the Committee on Agriculture and its recommendations adopted with regard to the handling of funds, the payment of salaries, the making of appointments, and engaging employes, President Burrill having stated that he approved the appointment of Mr. Gibbs.

## REPORT OF COMMITTEE ON AGRICULTURE.

CHICAGO, June 27, 1899.

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

GENTLEMEN:—Your Committee on Agriculture recommends that of the amount credited to the Agricultural College from the proceeds of the Morrill acts, one-half be expended for salaries and one-half for appliances. That the Business Manager charge salaries paid as follows:

<i>Against the Experimental Station fund—</i>			
Professor Davenport .....	\$1,250 00		
Professor Burrill .....	500 00		
Professor Holden .....	850 00		
Professor Blair .....	675 00		
Mr. Clinton .....	600 00		
Mr. Fraser .....	550 00		
Professor Shattuck, Business Manager .....	200 00		
W. L. Pillsbury, Editor .....	300 00		
			\$4,925 00
<i>Against the Agricultural College fund—</i>			
Professor Davenport .....	\$1,250 00		
Professor Burrill .....	500 00		
Professor McIntosh .....	900 00		
Professor Holden .....	850 00		
Professor Blair .....	675 00		
Mr. Frazer .....	550 00		
Mr. Clinton .....	200 00		
Captain Clark .....	200 00		
Miss Maxwell, clerk and stenographer .....	480 00		
			\$5,605 00

That the salary of Miss McIntyre, stenographer of the Station, be \$780 a year, to be paid from the Experiment Station funds. This leaves a balance of about \$6,400 from the proceeds of the Morrill bills which may be applied to salaries.

The Committee recommends that the salary of the field assistants already employed be divided equally between the Experiment Station and the College of Agriculture, and that of Mr. Shamel's pay be increased from \$33.33 to \$45 a month; also that the field assistant in the horticultural department be paid \$35 a month. Both these amounts to come from appropriations for labor.

Your Committee recommends that Mr. W. D. Gibbs, now of Ohio State University, be appointed associate professor of soil physics at a salary of \$1,600 a year, to be paid from the College of Agriculture fund.

Your Committee recommends that Frederick Crane, a graduate of Michigan Agricultural College this year, be engaged to serve as assistant in the field and machinery department at \$35 a month. This recommendation is made for the purpose of getting trained men who will develop. Mr. Crane will take a special course at Wisconsin during the summer if we employ him.

Respectfully submitted,

W. H. FULKERSON,  
ALICE ASBURY ABBOTT,

*Committee on Agriculture.*

Bills for expenses incurred by visiting agricultural departments of other institutions were allowed as follows:

E. Davenport, \$79.50; P. G. Holden, \$79.50; Mrs. Alice A. Abbott, \$91.25; Mrs. Mary Turner Carriel, \$92.34; T. J. Burrill, \$81.60; F. L. Hatch, \$84.44.

Appropriations were made as recommended by the Business Manager.

*Appropriations for the Three Months Ending September 30, 1899.*

Board expenses.....	\$500 00	
Salaries for instruction.....	33,000 00	
Salaries for services.....	5,000 00	
Buildings and grounds.....	2,000 00	
Fuel, lights, and electric power.....	3,000 00	
Stationery, printing, etc.....	1,000 00	
Advertising and postage.....	2,000 00	
Repair shop.....	1,000 00	
Mechanical department.....	500 00	
Departments.....	300 00	
Laboratories.....	2,000 00	
Library and apparatus.....	50 00	
Incidentals.....	800 00	
Furniture and fixtures.....	500 00	
Heating apparatus.....	500 00	
Water supply.....	500 00	
Greenhouse.....	200 00	
Blue print room.....	200 00	
Minnesota lands.....	200 00	
Library school.....	200 00	
Library supplies.....	200 00	
School of Pharmacy.....	\$1,500 00	\$56,650 00
School of Medicine.....	10,000 00	
Agricultural Experiment Station.....	3,000 00	
		\$15,250 00
Total .....		\$71,900 00

The bills of S. W. Shattuck for \$49.12 and of W. L. Pillsbury for \$49.07 for expenses incurred attending as witnesses in a suit against John Hayes, a bondsman of C. W. Spalding, at Red Oak, Ia., were allowed and ordered paid.

On motion of Mr. McLean the following resolution was adopted:

*Resolved*, That the several amounts paid for witnesses' expenses in the Spalding case be charged up and collected from the State Commissioners in charge of the Spalding funds.

It was voted that Mr. W. A. Hawley be allowed a military scholarship for services in the battalion during the year 1897-98 up to the time of his leaving the University for the Spanish war—amount, \$18.75.

The additional sums of \$47.50 for band scholarships and \$200 for commencement exercises were also voted.

The Committee on Agriculture reported with regard to the leasing of south farm as follows, and the report was adopted:

## LEASING OF SOUTH FARM.

CHICAGO, June 27, 1899.

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

GENTLEMEN:—Your Committee on Agriculture recommends a renewal of the lease of the south farm to the present tenant for three years after the expiration of the present lease. That it be stipulated in the lease that a reduction of \$1.00 per acre on the rental shall be allowed for land kept in clover, but that otherwise the lease be made upon the same terms as at present, except that the privilege of retaining from forty to eighty acres in the northeast corner of the farm be reserved, that said land may be available for use of the College of Agriculture, if needed.

The Business Manager is requested to prepare a lease in accordance herewith.

Respectfully submitted,

W. H. FULKERSON,  
*Chairman.*

ALICE A. ABBOTT,  
*Secretary.*

It was ordered that the Committee on Buildings and Grounds be instructed to advertise for fuel for the year beginning September 1, 1899, and to enter into a contract therefor if a favorable proposition should be received.

Mrs. Carriel offered the following resolution, which was adopted:

#### REPORTS FROM DEANS.

WHEREAS, The sessions of the Board are too short for thorough consideration of all matters submitted; therefore, be it

*Resolved*, That each Dean prepare two copies of his report to the President, one to be sent to the President and one to the chairman of a committee of the Board as follows:

The Dean of the General Faculty, to the chairman of the Finance Committee; the Dean of the College of Literature and Arts, to the chairman of the Committee on Instruction; the Dean of the College of Engineering, to the chairman of the Committee on Buildings and Grounds; the Dean of the College of Science, to the chairman of the Committee on Publication; the Dean of the College of Agriculture, to the Committee on Agriculture; the Dean of the Woman's Department, to the chairman on Students' Welfare; the Director of the Library School, to the chairman of the Committee on Library; the Actuary of the School of Pharmacy, to the chairman of the Committee of the School of Pharmacy, to the chairman of the Committee of the School of Pharmacy; the Dean of the School of Medicine, to the chairman of the Committee on the School of Medicine.

It was ordered that the Committee on Agriculture and the Business Manager make a division of the property between the Experiment Station and the College of Agriculture.

With regard to a Saturday School the Committee on Instruction made the following report which was adopted:

#### SATURDAY SCHOOL.

CHICAGO, ILLINOIS, June 27, 1899.

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

GENTLEMEN:—The communication of Professor Kinley presented by President Draper and considered by your Committee recommends—

“1. That some one be authorized to lay the matter before the teachers at the next county institute in Champaign county.

“2. That, if the proposal meets with sufficient favor, the University organize classes to meet on Saturdays in such subjects as the teachers ask for, provided, of course, that arithmetic, elementary grammar, and work generally below the high school grade shall not be included.

“3. That classes be not formed in any subject unless there are at least five applicants.

“4. That all expenses be met by a fee of not more than five dollars to be charged for the work of the year.

“5. That the receipts from this source shall be devoted to the payment of those who do the teaching.

“6. That the teaching be done by such instructors and fellows as there are in the various departments, with the understanding that the heads of the departments shall exercise some general supervision.

“These are the points which it occurs to me now it is desirable to provide for. Of course they will need to be elaborated and more, perhaps, added. I am inclined to think that the scheme will prove a success and shall be glad to do anything I can to promote that success.”

Your Committee approves the recommendation and advises that Professor Kinley be requested to present the matter to a county institute, but your Committee advises that for the higher work of instruction, in case the Saturday School should be organized, no person below the rank of assistant professor be employed.

Respectfully submitted,

LUCY L. FLOWER,  
*Chairman.*

#### SUMMER SCHOOL.

It was ordered that payment be made to the instructors of the Summer School as follows:

Professors Burrill, Forbes, Palmer, Barton, Tompkins, Carman and Myers, \$350 each; Professors Clark and McGilvrey, \$325 each; and five assistants, Messrs. Brenke, Carpenter, Sammis, Young, and Myers, \$100 each.

The income of the Summer School was also appropriated for salaries and expenses, so far as it might be needed.

On motion of Mr. Bayliss, it was voted that an appropriation be made sufficient for doing the library binding of this year in the same way as it was done last year. These matters to be looked after by the Librarian and the Business Manager.

Mrs. Abbott reported from the Committee on Agriculture that a 12-inch tile had been laid across the forestry plantation at an expense of \$87, and that the committee would take no further action until the owners of adjacent property should come to an agreement among themselves as to what should be done.

Upon motion of Mrs. Flower, it was voted that Dr. Burrill be requested to look at once for a professor of pedagogy.

Upon the recommendation of Dr. Burrill, the following appropriations were made:

#### APPROPRIATIONS FOR AGRICULTURAL COLLEGE.

Animal Husbandry.....	\$700 00	
Dairy Husbandry.....	575 00	
Veterinary Science.....	100 00	
Horticulture.....	1,000 00	
General Agriculture.....	1,000 00	
Office Expenses.....	225 00	
		\$3,600 00

The Board then adjourned to meet at 7 o'clock p. m.

#### EVENING SESSION, JUNE 27, 1899.

Mr. Nightingale was present in the evening when the Board met pursuant to adjournment, and also the members who were present in the afternoon, except Messrs. Hatch and Smith.

Upon recommendation of the Committee on Students' Welfare it was ordered that the east toilet room on the second floor of the Library building should be marked for women.

## SCHOOL OF MEDICINE.

The Committee on the School of Medicine made the following report, which was adopted:

CHICAGO, June 27, 1899.

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

GENTLEMEN:—Your Committee on the School of Medicine reports that it has been officially notified of action by the Faculty of the School of Medicine withdrawing its former recommendations for an expenditure of \$2,000 for a physiological laboratory, for the engagement of a professor of physiology at a salary of \$2,000 a year, and also for certain increases in salary, and substituting therefor the same salary list in force to continue at present, viz.: until October 1, 1899, and that it approves this said action and recommends that the Board concur therein.

Your Committee also begs leave to refer to the Board for its action the rules presented by the Faculty of the School of Medicine to govern in the relations of the School of Medicine to the University of Illinois and to say that it has invited a committee of the Faculty of the School of Medicine to be present and explain the importance of the adoption of these rules.

Respectfully submitted,

A. F. NIGHTINGALE,  
*Chairman.*

RULES TO GOVERN RELATIONS BETWEEN THE SCHOOL OF MEDICINE AND THE UNIVERSITY.

1. The general statutes of the University shall apply to the School of Medicine, except in so far as special laws hereinafter provided may conflict therewith.

2. During the continuance of any lease of the College of Physicians and Surgeons by the University of Illinois the following special laws shall operate in the government and management of the School of Medicine.

3. The Faculty of the School of Medicine shall be made up of the President of the University, and the professors, associate professors, adjunct professors, and lecturers belonging to the corps of instruction of the School of Medicine and shall be known as the teaching faculty.

4. The President of the University and such members of the teaching faculty of the School of Medicine as hold stock in the College of Physicians and Surgeons shall constitute the executive faculty of the School of Medicine.

5. The teaching faculty may exercise legislative functions touching any matter appertaining exclusively to the internal work of the School of Medicine, except such matters as are reserved to the executive faculty. It shall appoint, in such manner as it may decide appropriate standing committees, to which any matter arising in the faculty meeting, shall, upon motion of any member, be referred for preliminary consideration and report.

6. The executive faculty shall have an advisory relation to the President and Business Manager of the University and to the Board of Trustees, with respect to all matters appertaining to the School of Medicine. It shall annually nominate to the Board of Trustees, through the President of the University, from its membership, a dean, an actuary, and a secretary for the School of Medicine.

There shall be also reserved to the executive faculty the right to nominate, in like manner, candidates to fill vacancies in the corps of instruction, and it shall in like manner cooperate in determining the educational policy of the School.

7. The Dean, with the advice and consent of the executive faculty, shall recommend, as occasion may arise, the acceptance of resignations, or dismissals from the corps of instruction, and shall in like manner, from time to time, recommend the discontinuance or establishment of chairs of instruction or the change of the title of any chair.

8. The actuary shall, with the advice and consent of the executive faculty, recommend the rate of compensation to be paid to any member of the corps of instruction, or to any employé of the School of Medicine. He shall under the same conditions recommend in what manner and in what amounts other sums from the treasury of the School of Medicine shall be expended on its account.

9. A sum not exceeding one thousand dollars from the net earnings of the School of Medicine of the previous year and not otherwise appropriated may be expended in the department of athletics if authorized by the executive faculty.

Drs. King, Evans, Christopher, and Pusey, of the School of Medicine, being present, the foregoing rules were discussed at length and, on motion of Mr. Nightingale, were adopted by the following vote: Yeas, Bayliss, Bullard, McLean, Nightingale, Mrs. Carriel, and Mrs. Flower; nays, Fulkerson, McKay, and Mrs. Abbott.

Mr. Bullard, who had first voted in the negative and then changed his vote to the affirmative, gave notice that at the next meeting of the Board he would move a reconsideration of this vote.

The Board then adjourned to meet at the call of the President.

ALEXANDER MCLEAN,

*President.*

W. L. PILLSBURY,

*Secretary.*



## MEETING OF THE EXECUTIVE COMMITTEE, JULY 5, 1899.

A duly called meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held at the Sherman House, in Chicago, Illinois, July 5, 1899.

There were present Mr. McLean and Mrs. Flower; absent, Mr. McKay.

It was ordered that Professor Tompkins be allowed \$150.00 in addition to the amount which was allowed him by the Board at its session June 27th, inasmuch as he stated that in order to serve at the Summer School "he withdrew from other engagements from which he would have realized the sum of \$1,000.00."

Professor Burrill had reported that it was necessary to procure the services of an assistant in botany and zoölogy for the Summer School, and he was given authority to obtain such assistant at a salary not to exceed \$100.00.

ALEX. McLEAN,  
*President.*

## MEETING OF JULY 26, 1899.

The Executive Committee of the Board of Trustees of the University of Illinois met in the Trustees' Room, Library Building, Urbana, Illinois, on the forenoon of Wednesday, July 26, 1899.

All the members of the Committee were present. Vice-President Burrill was also present.

The following resolution was adopted:

*Resolved*, That the President and Secretary of the Board of Trustees of the University of Illinois be authorized to sign a petition to the Board of Local Improvements of the city of Champaign requesting that Wright street be paved with brick, with curbs and gutters of cement, from John street to University avenue in the said city of Champaign.

The Committee on Agriculture was authorized to make the following repairs on the south farm, and the sum of \$163.00 was appropriated therefor:

To take up and relay, setting it two feet lower in cement, 42 feet of the foundation wall of the barn, material furnished and wall laid for.....	\$75 00
To repair house drain and sink.....	10 00
To build 120 rods of wire fence at 65 cents a rod.....	78 00

The Committee was also authorized to repair the ground connection of the lightning rod at the barn, or to remove the rod.

Professor Burrill presented the following communication:

URBANA, July 26, 1899.

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

I herewith submit revised courses of instruction in the various departments of the College of Agriculture and recommend their approval. The revision is presented as placed in my hands by the dean of the College of Agriculture. During the last year the subject has received much attention on the part of the members of the faculty of the College, and it is believed the results as submitted will meet the new and anticipated demands for instruction in these branches of education. It will be noticed that the elective offerings are very large, much exceeding in number those heretofore published by the University, and largely exceeding, it is believed, those offered by any other college or university in America. Of course this list could not be offered except with the understanding that the number of instructors employed should be as you have already arranged. With these instructors and with this liberal amount of required and elective instruction, the College must take very high rank.

Respectfully submitted,

T. J. BURRILL,  
*Vice-President.*

#### COURSES OF INSTRUCTION IN AGRICULTURE.

Students desire instruction in agriculture with one of two definite objects in mind:

1. To secure a liberal education along agricultural lines through a course of study leading to graduation.
2. To take instruction in certain subjects for the sake of technical knowledge and skill without reference to graduation.

To meet the needs of both classes of students the following courses are offered. Each subject is briefly outlined to show its general character, and is followed by a notation of the length of time and of the nature of preparation necessary for its pursuit. The liberal range of subjects affords wide elective privileges to those expecting to graduate and also permits the special student to follow out his chosen subjects at considerable length. Every subject is open to any student whose preparation is sufficient to enable him to pursue the study with profit.

Subjects marked thus\* require at least regular admission to the University or its equivalent; others may be taken without conditions, except such as insure that the student is able to do good work. The credits attached are for matricultural students.

#### AGRONOMY, FIELD AGRICULTURE.

1. FARM MECHANICS.—Fences, and farm buildings, their location, construction and cost; laying out and construction of drains and calculation of cost; farm machinery; kinds, efficiency, durability, draft, friction, cost, care, and management; shop practice. *First semester: two hours, daily; three-fifths study.*

Required for graduation after 1900. [Not offered in the year 1899-1900.]

2. HISTORY OF AGRICULTURE.—Its development and practice, especially Roman, English, and American. *Tu., Th.; first semester; two-fifths study.*

- \*3. CROPS OF THE FARM.—Economic production of the cereal, forage, and miscellaneous crops, and the care and use of pasture lands; selection and preservation of seed and the management of the special crops prominent in Illinois agriculture; destruction of weeds and prevention of insect and fungous ravages. *Second semester; full study.*

*Required:* Entrance to the University, or two semesters in agriculture, or its equivalent.

This or No. 4 is required for graduation.

\*4. SOIL PHYSICS.—Origin and classification of soils; conditions and indications of fertility; movement of water in soils; its dependence on the mechanical condition and its influence on temperature and productivity; drainage, irrigation, and tillage to insure conditions of growth. *First semester; full study.*

*Required:* One year of University work.

This or No. 3 is required for graduation.

\*5. ROTATION OF CROPS.—Based on the effect of fertilizer upon yield; the relation between different crops; the effect of fertilizer, crop, and system of farming upon the permanent fertility of the land and the ultimate cost of production. *Second semester; full study.*

*Required:* Two years of University work including Chemistry 1; Botany 1, and Soil Physics.

6. FARM MANAGEMENT.—To cover the labor of the farm, the valuation of exhausted manures; investments temporary and permanent; the rights of landlord and tenant and of successive owners of the land. Designed especially for those who expect to undertake the management of others' lands, either under employ or as tenants. *Second semester; two-fifths study.*

*Required:* Two years of University work, or its equivalent.

\*7. COMPARATIVE AGRICULTURE.—The agriculture of different countries as influenced by climate, race, religion, tradition, etc., etc. *First semester; three-fifths study.*

*Required:* Two years of University work.

\*8. AGRICULTURAL EXPERIMENTATION.—A study of the methods and work of the various experiment stations in this country and abroad, especially to discover agricultural problems and correct methods of investigation. Designed especially for those who desire to fit themselves as experiment station workers. *Second semester; full study.*

*Required:* Sufficient credits in agriculture for graduation.

\*. SOIL BACTERIOLOGY.—Relation of bacteria to productive soils and to the growth of agricultural crops. *Second semester; M., W., F.; three-fifths study.*

*Required:* Botany 8 (Elementary Bacteriology); Agronomy, 4, 5.

[Not given in the year 1899-1900.]

10. METEOROLOGY.—General principles of meteorology with special reference to agricultural conditions. *First semester; Tu., Th.; two-fifths study.*

\*11. THESIS UPON INVESTIGATION UNDER DIRECTION OF INSTRUCTOR.—*Two semesters; full study.*

Required before graduation of all students specializing in general agriculture.

#### ANIMAL HUSBANDRY.

1. THE BREEDS OF DOMESTIC ANIMALS.—Their history and character; pedigree registers and tracing pedigrees; location of the pure-bred breeds of the United States; recognition of pure-bred animals at sight; daily practice in judging. *First semester; full study.*

\*2. STOCK JUDGING.—Critical study of beef, pork, and mutton cuts, and judging animals for meat production; study of wool and judging sheep for wool; judging for the dairy and for labor, driving and speed, critical study of breed types and of pure bred animals; live stock statistics. Lectures, reference readings, and practice in judging. *First half of second semester; full study.*

*Required:* Entrance to the University, or Veterinary Science 1, 2, and Animal Husbandry 1.

*Required for graduation.*

3. **LIVE STOCK MANAGEMENT.**—Housing and care of farm animals and their surroundings, barns, stables, yards, management of breeding animals, and training of horses for labor, driving, and saddle. Lectures and reference readings. *Second half of second semester; full study.*

\*4. **STOCK FEEDING.**—Study of foods, their chemical composition, potential energy, and mechanical condition as well as their proper combination looking to the economic production of meat, milk, wool, or labor and the development of the young. *First semester; full study.*

*Required:* One year of Chemistry; one year of Botany or Zoölogy; one semester of Physics or Physiology.

\*5. **STOCK BREEDING.**—The improvement of domestic animals through the principles of heredity, variation, and selection and the influence of environment; critical study of breeders' methods and results. *Second semester; full study.*

*Required:* One year of Botany or Zoölogy.

\*6. **MINOR.**—The place of live stock in American affairs; the types most needed; the several characters of the principal breeds and the leading features of live stock management. Lectures, two-fifths study. Designed for University students specializing in other lines than animal husbandry.

*Required:* One year of University work. *Second semester; M., W., F.; three-fifths study.*

\*7. **HORSES.**—Exhaustive study of breeding types, management, and market interests. Designed for special students desiring particular instruction in horses. Lectures each week, reference reading and individual study, and practice in judging. *Second semester; full study.*

\*8. **CATTLE.**—Same as with horses and under same condition. *First semester; full study.*

\*9. **SHEEP.**—Same as with horses and cattle. *First half of second semester.*

\*10. **SWINE.**—Same as with sheep. *Second half of second semester.*

\*11. **THESIS REPRESENTING INDIVIDUAL WORK OF THE STUDENT.** *One year.* Required for graduation with animal husbandry as major.

#### VETERINARY SCIENCE.

1. **ANATOMY.**—A thorough knowledge of the structure of the horse and other domestic animals. The instruction comprises lectures, demonstrations and dissections. The lectures include: First, a description of the locomotory apparatus, viz., the bones, articulations, and muscles; second, a minute description of the viscera; third, a detailed description of the relation of the blood vessels and nerves and of the brains and organs of the senses. The lectures are illustrated by drawings, models, and specimens from recent subjects. *First semester; three-fifths study.*

2. **PHYSIOLOGY.**—The purpose of this course is to make students thoroughly acquainted, so far as time permits, with modern physiology; its methods, its deductions, and the basis on which the latter rests. Instruction in this branch is imparted by lectures, and the more important facts are impressed by frequent examinations. *First semester; Tu., Th.; two-fifths study.*

3. **MATERIA MEDICA.**—The instruction includes therapeutics, toxicology, pharmacy, prescription-writing, etc. The lectures of this branch will be illustrated by a large collection of specimens of the various drugs, both in their crude and prepared state, as used by veterinarians, so that the student may become familiar with the mode of administering the various drugs. *Two semesters; full study.*

4. **THEORY AND PRACTICE OF VETERINARY MEDICINE AND SURGERY.**—These lectures include the whole range of general pathology of the domestic

animals. Owing to the inability of animals to describe their ailments symptomatology is very minutely considered, and physical diagnosis is made particularly prominent. Autopsies will be held on every subject, to familiarize the student with the morbid condition of disease. In addition to these, anatomical and pathological specimens, charts, diagrams, etc., will be exhibited. *Second semester; full study.*

*Required:* Veterinary Science, 1, 2.

\*5. VETERINARY SANITARY SCIENCE.—This branch is taught by a series of lectures embracing inspection of cattle, horses, sheep, and pigs for contagious diseases; a discussion of the influence of civilization and traffic on animal plagues, their origin and nature, diffusion, reception, and mode of access; the prevention and suppression of contagious diseases. *First semester; two-fifths study.*

*Required:* Veterinary Science 1, 2, and Animal Husbandry 2, 4.

6. MINOR.—The outlines of veterinary anatomy, physiology, materia medica, and clinic work. *First semester; full study.*

Diseases of farm animals, materia medica and clinic work. *Second semester; full study.*

Clinic instruction is given once a week throughout the year.

#### DAIRY HUSBANDRY.

1. MILK.—Composition; testing for fat and total solids with the Babcock test and the lactometer; detection of adulteration; souring and means of contamination and methods of protection from impurities and infection; care of utensils, care and handling of milk and its delivery to the customer. *First semester; full study.*

2. MILK PRODUCTION.—Economical production of milk as regards sheapest and best feeds, proper care and management of the dairy herd, arrangement and care of the dairy barn. A study of variations in milk and their causes; efficiency of different cows as milk and butter producers. *First semester; full study.*

3. CREAM SEPARATION.—Efficiency of the shallow pan, deep setting, and separator systems of creaming. Care, management, and comparison of the different centrifugal separators. *Second semester; full study.*

*Required:* Dairy Husbandry 1.

\*4. BUTTER MAKING.—Ripening of cream, the acid test; use and advantage of the different starters; effect of temperatures, acidity, and ripeness of cream upon time and completeness of churning, and quality of butter; packing, scoring, and marketing of butter. *Second semester; full study.*

*Required:* Dairy Husbandry 1, 2, or 4, or its equivalent.

\*5. MINOR.—Testing of milk for butter fat and total solids; advantage of cleanliness in milk production; separation of cream by different methods, and the making of butter. Designed for agricultural students and others meeting entrance conditions to University. *First half of first semester; full study.*

*Required* for graduation.

6. CHEDDER CHEESE.—Care of milk for cheese making; the rennet test; setting, cutting, heating, milling, salting and pressing the curd, cuering, and judging for cheese. *First semester; full study.*

7. FANCY CHEESE.—Method of manufacture, care and sale of many varieties of fancy and hand cheese. *First semester: full study.*

8. PASTEURIZATION. Effect of pasteurisation on flavor and keeping quality of milk and cream and products made from these. *Second semester, two-fifths study.*

9. CREAMERY MANAGEMENT.—Planning and construction of creameries and cheese factories with reference to sanitation and economy of operation; management, coöperative and company; care of boilers and machinery. *Second semester; three-fifths study.*

*Required:* Two semesters of dairy work or its equivalent.

\*10. DAIRY BACTERIOLOGY.—Relation of bacteria to dairying. Where and to what extent bacteria gain access to milk and how this may be avoided in actual practice. Action of bacteria on milk and its products. *Second semester; full study.*

*Required:* Elementary Bacteriology.

\*11. THESIS UPON INVESTIGATION CONDUCTED UNDER DIRECTION OF INSTRUCTOR.—*Two semesters; full study.*

*Required* before graduation of all students specializing in dairy husbandry.

#### HORTICULTURE.

1. (a) Comprising a general consideration of the common problems of practical horticulture. Laboratory work. *Two hours; first and second semesters.*

\*(b) A STUDY OF ORCHARD FRUITS AND OTHER HORTICULTURAL PLANTS.—Lectures and reference readings. For regular students in any of the colleges of the University. *Three hours; first and second semesters.*

2. ORCHARDING.—Comprising a study of orchard fruits. *Five hours; first semester.*

*Required:* Horticulture, 1a.

3. VITICULTURE.—A comprehensive study of grape culture. *Three hours; first semester.*

*Required:* Horticulture, 1a.

4. SMALL FRUIT CULTURE. *Second semester; three hours.*

*Required:* Horticulture, 1a.

5. VEGETABLE GARDENING.—Kitchen and market gardening, and vegetable forcing. *Five hours; second semester.*

*Required:* Horticulture, 1a.

\*6. PLANT PROPAGATION.—Methods of securing and perpetuating desirable varieties of self and cross-fertilization, or by hybridization and selection. *Three hours; second semester.*

*Required:* Horticulture, 2.

[Not given in the year 1899-1900.]

\*7. FORESTRY.—Embracing a study of forest trees and their natural uses, their distribution and artificial production. *Two hours; first semester.*

*Required:* Botany, 2.

\*8. LANDSCAPE GARDENING.—Ornamental and landscape gardening with special reference to the beautifying of home surroundings. *Three hours; second semester.*

*Required:* Horticulture, 7.

\*9. FLORICULTURE.—The study and management of conservatory and house plants. *Three hours; first and second semesters.*

*Required:* Botany, 2.

\*10. NUT CULTURE.—The cultivation and management of nut trees for commercial purposes. *Two hours; first semester.*

*Required:* Horticulture, 2.

\*11. PLANT HOUSES.—The construction and management of conservatories and other plant houses. *Three hours; second semester.*

*Required:* Horticulture, 6.

\*12. ECONOMIC BOTANY.—A study of cultivated plants with special reference to their economic uses. *Five hours; first semester.*

*Required:* Botany, 2.

\*13. EVOLUTION OF CULTIVATED PLANTS.—Comprising a study of organic evolutions and modifications of plants under the hand of man. *Five hours; first semester.*

*Required:* Two years of University work, or its equivalent.

\*14. NURSERY METHODS AND MANAGEMENT.—Designed for those who intend to make the nursery business a life work. *Five hours; second semester.*

*Required:* Horticulture, 6.

\*15. SPRAYING.—Materials and methods employed for the combating of insects and fungous diseases of plants. *Two hours; first and second semesters.*

*Required:* Horticulture 2.

\*16. COMMERCIAL HORTICULTURE.—A course giving a practical training for those students intending to follow horticulture as a business. *Five hours; first and second semesters; one-half hour each.*

\*17. EXPERIMENTAL HORTICULTURE.—A course for those intending to engage in professional horticulture, or experiment station work. For advanced students.

\*18. SPECIAL INVESTIGATION AND THESIS WORK.—Required of candidates for graduation. *Three hours; first and second semesters.*

The Executive Committee referred this communication to the Committee on Instruction for consideration and report at the meeting of the Board to be held August 16th.

It was ordered that the Library be open during the forenoon for the remainder of the session of the Summer School.

Upon nomination of Vice-President Burrill, Mr. William J. Kennedy was appointed instructor in animal husbandry for the year beginning September 1, 1899, at a salary of \$1,000.00; Mr. J. W. Lloyd was appointed instructor in horticulture for the same term and salary, and Mr. G. M. Holferty was appointed assistant in botany for the ten months beginning September 1, 1899, at a salary of \$75.00 a month.

Upon motion of Mrs. Carriel it was voted that members of the faculty of the College of Agriculture might do such visiting and lecturing within the State as dean of the College should deem best, the purpose being to give to the citizens of the State information concerning the College. Expenses to be paid from funds assigned to the College.

The Committee adjourned.

ALEXANDER MCLEAN,  
*Chairman.*

W. L. PILLSBURY,  
*Secretary.*

## MEETING OF JULY 26, 1899.

The following call for a special meeting of the Board of Trustees of the University of Illinois was issued July 21, 1899:

The President of the Board upon the request of Messrs. Fulkerson, McKay, and Smith and Mrs. Abbott and Mrs. Carriel, issues this call for a special meeting of the Board of Trustees of the University of Illinois to be held at 9 o'clock a. m., Wednesday, July 26, 1899, in the Trustees Room, Library Building, Urbana, Ill., "to consider the report of the Committee on Agriculture relating to course of study and the appointment of new instructors; also any other business that may be duly presented."

Pursuant to this call the Board met at 9 o'clock a. m., July 26, 1899, in the Trustees' Room, Library Building, Urbana, Illinois.

The members present were Messrs. McKay, McLean, and Smith and Mrs. Flower, Mrs. Carriel, and Mrs. Abbott; those absent were Governor Tanner, Messrs. Bayliss, Bullard, Fulkerson, Hatch, and Nightingale. Vice-President Burrill was also present.

There being no quorum the Board adjourned to meet at 9 o'clock a. m., Aug. 16, 1899.

## ADJOURNED SESSION, AUGUST 16, 1899.

When the Board met pursuant to adjournment the members present were Messrs. Bullard, McKay, McLean, and Smith and Mrs. Flower, Mrs. Carriel, and Mrs. Abbott; absent, Governor Tanner and Messrs. Bayliss, Fulkerson, Hatch, and Nightingale. Vice-President Burrill was also present.

## COAL.

The Committee on Buildings and Grounds reported that it had received bids to furnish coal as follows:

The Junction Mining Co., Springfield Junction, Ill., 4,000 tons best pea coal, f. o. b. cars Champaign or Urbana, at \$1.10 per ton.

C. A. Besore, Urbana, Ill., 5,000 tons or less, Illinois pea coal at \$1.08 per ton.

J. A. Reeves, Champaign, Ill., 2,500 tons Carterville coal, No. 3, washed pea, delivered at Central Heating Plant, at \$1.75 per ton.

Odin Coal Co., Odin, Ill., pea coal, f. o. b. cars Urbana, at \$1.00 per ton.

Sangamon Coal Co., Springfield, Ill., 1,000 tons pea coal, f. o. b. cars Urbana or Champaign, at \$1.06 per ton.



On motion of Mr. McKay, it was voted to accept the bid of the Odin Coal Co.

#### AGRICULTURAL BUILDING.

The bids which had been received for the construction of the agricultural building (see page 111) were then opened in the presence of the bidders. Complete bids were received as follows:

#### *General Contract.*

Valentine Jobst & Sons, Peoria, Ill.....	\$117,193 00
E. F. Gobel Co., Chicago, Ill.....	125,339 00
O'Brien & Dungan, Chicago, Ill.....	131,778 00
Campbell Building Co., Chicago, Ill.....	136,675 00
F. H. Jahr, Champaign, Ill.....	141,547 00
The Warren Roberts Co., Chicago, Ill.....	142,850 00
Anson & Holman, LaGrange, Ill.....	145,736 00
Earnshaw & Goldie, Chicago, Ill.....	149,989 00
Jacks & Lebo, Indianapolis, Ind.....	156,716 00
D. H. Hayes Co., Chicago, Ill.....	158,793 00
William Mayor Co., Chicago, Ill.....	159,532 00

#### *Plumbing and Drainage.*

Baumgarten Bros., Chicago, Ill.....	\$11,366 00
The Warren Roberts Co., Chicago, Ill.....	11,450 00

#### *Steam Heating.*

Thomas & Smith, Chicago, Ill.....	\$14,786 00
Jacks & Lebo, Indianapolis, Ind.....	14,600 00
William A. Pope, Chicago, Ill.....	15,986 00
Kroeschell Bros. Co., Chicago, Ill.....	16,081 00
Davis Construction Co., Chicago, Ill.....	16,094 00
L. J. Mueller Furnace Co., Milwaukee, Wis.....	17,168 00
The Warren Roberts Co., Chicago, Ill.....	17,850 00

On motion of Mr. Smith, the bid of Valentine Jobst & Sons on the general contract was accepted.

Mr. McKay moved to reject the bids on plumbing and drainage and on steam heating. Mr. Smith moved to add as an amendment, "and to proceed at once to let contracts for plumbing and drainage and for steam heating on a satisfactory private bid, if one should be obtained."

This amendment failed on the following vote: Yeas, Smith; nays, Bullard, McKay, McLean, Flower, Carriel, Abbott.

Mr. Bullard then moved as a substitute that the Board accept the bid of Baumgarten Bros., of Chicago, on plumbing and drainage at \$11,396.00, provided the claim for extras as named in the bid be waived; and the bid of Thomas & Smith, of Chicago, on steam heating apparatus, \$14,786.00. The substitute prevailed.

On motion of Mr. Smith, the Board adjourned to 1:30 p. m.

## SESSION OF WEDNESDAY AFTERNOON, AUG. 16, 1899.

When the Board met pursuant to adjournment the same members were present as in the morning.

The matter of boiler insurance was referred to Professor Breckenridge and the chairman of the Committee on Buildings and Grounds.

Mr. Smith moved that the requirement of the specifications that contractors should furnish surety company bonds be waived in the case of Valentine Jobst & Sons.

This motion was lost on the following vote: Yeas, Smith, Carriel, Abbott; nays, Bullard, McKay, McLean; not voting, Mrs. Flower.

On motion of Mr. McKay it was ordered that the chairman of the Board and the chairman of the Committee on Buildings and Grounds be authorized to approve bonds and to enter into contracts in accordance with the awards made above.

The Business Manager, Professor Shattuck, presented a report of the condition of the University funds.

It was voted that Mr. J. C. Llewellyn should receive for his services as architect and as superintendent of the agricultural buildings a five per cent. commission on contracts let.

On motion of Mr. Bullard it was ordered that he be paid now two per cent. on contracts let and that subsequently he be paid monthly three per cent. on the amount of monthly payments on contracts.

It was voted that the President of the Board, with Mr. Smith and Mr. Bullard and the Business Manager, Professor Shattuck, should visit the State Auditor and State Treasurer, at Springfield, with the view to having the arrears of interest on the endowment fund paid at once.

Vice-President Burrill presented the following communication:

URBANA, ILLINOIS, August 16, 1899.

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

At your meeting of June 27, 1899, you authorized the employment of four additional officers of instruction in the College of Agriculture and three field assistants. To fill one of the former places, Professor W. D. Gibbs, of Ohio, was tendered an appointment as associate professor of soil physics at a salary of \$1,600 a year. This he declined and he has since further declined to accept an offer of \$1,800 proposed by your Committee on Agriculture.

The positions in animal husbandry and horticulture have been filled by action of your Executive Committee appointing William J. Kennedy, of Iowa, as instructor in animal husbandry and John W. Lloyd, now of New Hampshire, as instructor in horticulture, each at \$1,000 a year. The failure to secure Professor Gibbs has changed considerably the condition of matters in the department of agricultural physics. There seems to be no way left but to take for the chief assistant in this department a younger man than Professor Gibbs, with less preparation, and to make it possible for him to grow into the position contemplated. Reviewing the whole matter it has been thought best that the work should be divided between two such younger men but that they should act also as field assistants, each in his own department.

With this in view, I recommend the appointment of Mr. Hugh E. Ward, M. S., as instructor in soil physics at a salary of \$1,000 a year, to be paid

from the funds for instruction; and Mr. A. D. Shamel, B. S., as assistant in farm crops at a salary of \$600 a year, to be paid one-half from funds for instruction and one-half from the Experiment Station funds.

It should perhaps be noted that Mr. Shamel was appointed at your last meeting as field assistant at \$45 a month. This action would of course be superseded by the above should the recommendation be adopted.

Mr. Frederick Crane was also appointed assistant in the field and machinery department at \$35 per month. For reasons apparently strenuous it is not desired to appoint Mr. Crane to a permanent place, but leave is asked to pay him \$45 a month as greater responsibilities and duties than were at first contemplated will be assigned to him in the way of giving instruction.

No nomination can yet be made for an assistant or instructor in dairying. Several men are under consideration but I am not satisfied that we have yet found the best man for the place. Further time for this is desired.

Mr. Neureuther declined the appointment offered him at your June meeting as assistant in mechanical engineering, and, upon the recommendation of Professor Breckenridge, I present the name of Dwight T. Randall, B. S., for the place, at the salary proposed, viz: \$500 for ten months.

On the recommendation of Professor Shattuck, Mr. R. L. Short is named as instructor in mathematics at \$800 for ten months, and on similar action by Professor Carman, Mr. Edward G. Gagnier is recommended as mechanician for the departments of physics and electrical engineering at \$720 for twelve months.

All these appointments to begin September 1, 1899.

I recommend that Professor Holden's title be changed to that of Professor of Agronomy.

I also recommend that the rule in regard to the admission of special students be changed so as to allow persons sixteen years of age and over to be entered in the College of Agriculture as special students. The amended rule would then read as follows:

#### ADMISSION OF SPECIAL STUDENTS.

*"Persons over twenty-one years of age, or in the College of Agriculture over sixteen years of age, not candidates for a degree, may be admitted to classes, after satisfying the President and the professor in charge of the department in which such classes are taught, that they possess the requisite information and ability to pursue profitably, as special students, the chosen subjects. Such students are not matriculated; they pay a tuition fee of seven dollars and a half a semester, in addition to the regular incidental fee of twelve dollars."*

I also present for your consideration communications from Professors Palmer and Parr, asking for small appropriations of money.

I transmit also the resignation of Professor J. E. McGilvrey.

Respectfully submitted,

T. J. BURRILL,  
Vice-President.

On motion of Mr. Smith, the recommendations of the paper with regard to appointments and salaries, also with regard to the change of Professor Holden's title, and the change in the rule concerning the admission of special students, were adopted.

It was voted that the Board accept with regret the resignation of Professor McGilvrey.

On motion of Mr. Smith it was voted to appropriate \$100.00 for the purpose of making an exhibit of food products at the State Fair.

The Committee on the School of Pharmacy made the following report, which was adopted:

## SCHOOL OF PHARMACY.

URBANA, ILLINOIS, Aug. 16, 1899.

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

Your Committee on the School of Pharmacy respectfully reports that it recommends the re-election of the faculty as it now exists for the ensuing year.

The receipts of the School of Pharmacy for the twelve months ending May 1, 1899, have been as follows:

Receipts .....	\$11,797 43	
Expenditures (warrants) .....		\$9,919 47
Balance .....		1,877 96
	\$11,797 43	\$11,797 43

Your Committee recommends that the Business Manager be requested to distribute \$1,500.00 of the surplus according to the terms heretofore made.

Your Committee also recommends that the Business Manager be authorized to re-lease for the term of one year the premises now occupied by the School of Pharmacy, upon the same terms as heretofore. That, as this new lease would begin the first of May, 1900, and as some repairs are necessary, the Business Manager be instructed to secure, if possible, at once the repairs of the skylight at the expense of the owner. Other repairs, if deemed necessary, to be made at the expense of the school, as hitherto.

Your Committee reports with pleasure that the prospect for an increase in the number of students is greater than hitherto, and to aid farther in the general popular character of the school, recommends that Dr. H. K. Rogers, now a resident of Chicago, be engaged as a lecturer on physiology, and that his salary shall be such sum as the faculty of the school may agree upon, and shall be paid from their own, but not from the University fund.

Respectfully submitted,

LUCY L. FLOWER,  
ALICE ASBURY ABBOTT,  
MARY T. CARRIEL,  
*Committee on School of Pharmacy.*

The Committee on Instruction made the following report:

URBANA, ILLINOIS, Aug. 16, 1899.

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

Your Committee recommends the adoption of the course of study in the College of Agriculture presented by Vice-President Burrill to the Executive Committee of the Board July 26th (see page 134) with the following changes:

Under the head of Agronomy substitute the following for paragraphs as numbered:

1. *Farm Mechanics.*—Farm machinery, different kinds and their inefficiency, draft, durability, cost, and care, and losses from improper management. Laying out and construction of drains and calculation of their capacity and cost. Location, internal arrangement, and design of farm buildings.

\*3. *Farm Crops.*—A study of the cultivated plants of the farm, their nature and requirements; the leaf and root development, and the conditions of successful growth; vitality of seed and methods of preservation; varieties; judging by standard samples and possibilities of improvement by selection and breeding; adaptation of varieties to locality and soil; management of pasture

lands; distribution of the crops of the United States. Identification of weeds and weed seeds, and methods of destroying weeds, insects, and fungous enemies.

\*4. *Soil Physics*.—Origin and Classes of Soils.—Conditions and indications of fertility. The physical and chemical constitution of soils, and the consequent effect of drainage, cultivation, cropping, and manures upon their mechanical condition, root extension, and upon their relation to the movements of water and of air, their retention of fertility, and their capacity to produce.

5. *Fertility*.—The influence of fertility, natural or applied, upon the yield of various crops; the effect of the crop upon the soil, and upon succeeding crops; different rotations, and the ultimate effect of systems of farming upon the productive capacity of soils; finally the application of all to Illinois soils and conditions.

6. *Farm Management*.—Economic bestowal of the labor of the farm, and the profitable use of machinery; plowing, methods and systems in use, and the advantages and disadvantages of each; different methods of raising and harvesting crops and the comparative efficiency and cost of each. The place of special crops, of live stock and fencing in the economy of the farm. Disposal of crops by marketing and by home consumption.

In paragraph 9, for "*M. W. F., three-fifths study*," substitute "*full study*."

Under the head of Animal Husbandry, third paragraph read *first semester, two-fifths study*.

Under Horticulture, paragraph 6, strike out "Not given," etc.

In paragraphs 9, 10, and 12 insert "No given in the year 1899-1900."

Your Committee recommends that the filling of the vacancies in the pedagogical department be deferred until the return of President Draper, who can see some of the candidates on his way west.

Respectfully submitted,

LUCY L. FLOWER,  
MARY T. CARRIEL,  
*Committee on Instruction.*

The Committee on Publication made the following report:

URBANA, ILLINOIS, Aug. 16, 1899.

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

The Committee on Publication respectfully reports that it took four bids for the publication of the agricultural circular (see page 110). The difference between the highest and the lowest was \$100.00. The Chicago bids being too high, the secretary of the Committee came to Champaign where the lowest bid was accepted. This bid for 10,000 copies was \$260.00. The Committee had been authorized to provide expenses of mailing. The Business Manager recommended that envelopes be purchased of the same firm which printed the circular. This was done at a cost of \$15.00. An appropriation of \$200.00 had been made and your Committee asks for an increase of \$85.00 to cover the difference.

The Committee also recommends the publication of a new circular regarding the Preparatory School, as the last circular is at present out of date.

Respectfully submitted,

T. J. SMITH,  
ALICE A. ABBOTT,  
S. A. BULLARD,  
*Committee on Publication.*

The report of the Committee was accepted and an additional appropriation of \$75.00 was made from the agricultural fund, as recommended. The Preparatory School circular was authorized.

Mrs. Flower moved that the Committee on Buildings and Grounds be instructed to have a maple floor laid in the hallway on the first floor of University Hall. Also that the wall of one room in the basement of the Library Building be washed, re-calced, and properly oiled, for the purpose of determining whether or not spots would reappear.

Action was postponed.

The Committee on Agriculture made the following report:

URBANA, ILLINOIS, Aug. 16, 1899.

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

1. The Committee on Agriculture respectfully recommends that the departments of the College of Agriculture be known as those of Agronomy, Animal Husbandry, Dairy Husbandry, Veterinary Science, and Horticulture, and that Professor Holden be the head of the department of agronomy.

2. That the scholarships authorized in the College of Agriculture apply to special students, and that the resolution establishing these scholarships passed at the meeting of the Board June 14th (see page 109), be changed to read as follows:

*Resolved*, That the University receive into the College of Agriculture annually one student from each county, outside of Cook County, and one from each of the first seven congressional districts of the State, upon the recommendation of the executive committee of the Illinois Farmers' Institute; that matriculation and incidental fees be remitted to the holders of such scholarships; that the benefits of the same be good for two years; and that special students be eligible thereto; *provided*, that the persons so recommended shall not have been previously in the University and shall comply with all the conditions of admission to the College of Agriculture.

Should there be more than one candidate from a county or congressional district, one of them shall receive the scholarship of his county or district and the other or others may be assigned to vacancies which may exist in other counties or congressional districts, as is customary with state scholarships.

Special students holding scholarships may, if they so desire and are properly qualified, take one or more studies in the Preparatory School on paying each semester two dollars for each subject.

Your Committee asks to correct an error in the recommendation of June 27th in regard to the salary of Mr. Clifton. Your Committee recommends that \$800.00 be paid from the Experiment Station fund, and that none of his salary be paid from the Agricultural fund.

Respectfully submitted,

ALICE ASBURY ABBOTT,  
F. M. MCKAY,  
MARY T. CARRIEL,

*Committee on Agriculture.*

The report of the Committee was adopted.

On motion of Mr. Smith, the several acts of the Executive Committee at its meetings of July 5 and 26, 1899, (see pages 127 to 133) were confirmed.

The Board adjourned.

ALEXANDER MCLEAN,  
*President.*

W. L. PILLSBURY,  
*Secretary.*

*Financial Statement of the University of Illinois for the twelve months ending June 30, 1899.*

RECEIPTS.		
Balance .....		\$9,140 69
Interest on endowment and land contracts .....	\$24,961 64	
Fees from students .....	29,281 07	
Departments and laboratories .....	5,764 70	
Miscellaneous .....	5,538 57	
State appropriations .....	188,500 00	
State Laboratory of Natural History .....	11,000 00	
United States government .....	24,000 00	
Agricultural Experiment Station .....	18,383 95	
School of Pharmacy .....	11,717 51	
School of Medicine .....	53,380 12	372,527 56
		\$981,668 25
EXPENDITURES.		
Salaries for instruction .....	\$121,845 03	
Salaries for services .....	23,357 39	
Departments and laboratories .....	7,888 36	
Miscellaneous .....	10,269 66	
State appropriations not including salaries .....	115,711 49	
Laboratory of Natural History .....	11,830 64	
Agricultural Experiment Station .....	18,544 33	
School of Pharmacy .....	10,578 16	
School of Medicine .....	43,458 48	363,483 54
Balance June 30, 1899. ....		\$18,184 71
		\$981,668 25

## WARRANTS FOR THE YEAR ENDING JUNE 30, 1899.

## GENERAL UNIVERSITY WARRANTS.

No.	Date.	To whom.	For what.	Amount.
	1898			
1	July 7	John W. Stipes.....	Pavement.....	\$686 95
2	"	Carl Bajohr.....	Contract lightening rod.....	1,135 44
3	"	James M. White.....	Expenses, etc.....	352 29
4	"	Metropolitan Nat Bk of Chicago	Payments.....	38,761 33
5	"	Brightman Furnace Co.....	Stoker, engines, etc.....	622 38
6	"	L. P. Breckenridge.....	Services as engineer.....	330 00
7	"	C. D. McLane.....	" architect.....	100 00
8	"	S. J. Temple.....	" ".....	100 00
9	"	A. N. Talbot.....	" civil engineer.....	100 00
10	"	A. P. Carman.....	" in construction.....	200 00
11	"	Standard Undergro'd Cable Co	Cable, reels, etc.....	1,861 69
12	"	F. M. McKay.....	Expenses.....	31 77
13	"	Alex McLean.....	".....	45 46
14	"	Mrs. H. F. Carriel.....	".....	66 08
15	"	S. W. Shattuck, business m'gr	Taxes.....	1,380 77
16	"	J. D. Phillips.....	Lettering diplomas.....	76 00
17	"	Thomas Naughton.....	Printing photographs.....	1 55
18	"	Central Union Telephone Co...	Telephone service.....	16 05
19	"	E. H. Renner & Bro.....	Hauling, etc.....	129 75
20	"	T. R. Leal.....	Labor and hauling.....	164 65
21	"	W. W. Lindley.....	Postage.....	50 00
22	"	Ozias Riley.....	Stamps.....	70 00
23	"	S. W. Shattuck, business m'gr	Sundry items.....	42 05
24	"	" " " " " "	Pay-roll, men, June, 1898.....	717 11
25	"	" " " " " "	Pay-roll, students, June, 1898.....	291 56
26	July 31	A. S. Draper.....	Salary, July, 1898.....	583 33
27	"	T. J. Burrill.....	".....	200 00
28	"	S. W. Shattuck.....	".....	166 66
29	"	N. C. Ricker.....	".....	191 66
30	"	Ira O. Baker.....	".....	187 50
31	"	S. A. Forbes.....	".....	83 33
32	"	C. W. Rolfe.....	".....	175 00
33	"	D. McIntosh.....	".....	50 00
34	"	A. N. Talbot.....	".....	175 00
35	"	A. W. Palmer.....	".....	175 00
36	"	F. F. Frederick.....	".....	158 33
37	"	S. W. Parr.....	".....	175 00
38	"	H. J. Barton.....	".....	175 00
39	"	C. M. Moss.....	".....	175 00
40	"	D. K. Dodge.....	".....	166 66
41	"	L. P. Breckenridge.....	".....	187 50
42	"	D. Kinley.....	".....	187 50
43	"	E. Davenport.....	".....	95 83
44	"	A. Tompkins.....	".....	166 66
45	"	A. P. Carman.....	".....	187 50
46	"	W. H. Jones.....	".....	100 00
47	"	E. B. Greene.....	".....	141 66
48	"	Geo. E. Gardner.....	".....	166 66
49	"	C. C. Pickett.....	".....	125 00
50	"	Katharine L. Sharp.....	".....	166 66
51	"	Geo. T. Kemp.....	".....	166 66
52	"	Geo. W. Myers.....	".....	150 00
53	"	E. J. Townsend.....	".....	137 50
54	"	James M. White.....	".....	133 33
55	"	L. A. Rhoades.....	".....	141 66
56	"	H. H. Everett.....	".....	133 33
57	"	W. H. VanDervoort.....	".....	137 50
58	"	W. D. Pence.....	".....	133 33
59	"	H. S. Grindley.....	".....	108 33
60	"	T. A. Clark.....	".....	133 33



## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
61	July 31 1898	H. S. Piatt .....	Salary, July, 1898.....	\$100 00
62	"	B. V. Swenson.....	"	108 33
63	"	A. H. Daniels.....	"	108 33
64	"	G. D. Fairfield.....	"	108 33
65	"	C. W. Tooke.....	"	108 33
66	"	F. A. Sager.....	"	100 00
67	"	William Esty.....	"	108 33
68	"	Frank Smith.....	"	100 00
69	"	C. D. McLane.....	"	100 00
70	"	P. G. Holden.....	"	54 16
71	"	J. E. McGilvrey.....	"	108 33
72	"	Seth J. Temple.....	"	100 00
73	"	J. D. Phillips.....	"	83 33
74	"	Violet D. Jayne.....	"	125 00
75	"	W. J. Fraser.....	"	37 50
76	"	J. C. Blair.....	"	45 83
77	"	Margaret Mann.....	"	75 00
78	"	E. G. Howe.....	"	150 00
79	"	W. L. Pillsbury.....	"	162 50
80	"	D. McIntosh.....	"	75 00
81	"	C. V. Millar.....	"	75 00
82	"	R. W. Stark.....	"	50 00
83	"	N. S. Spencer.....	"	100 00
84	"	Lillie Heath.....	"	75 00
85	"	Sue W. Ford.....	"	55 00
86	"	L. A. Boice.....	"	55 00
87	"	Jennie M. Ladin.....	"	45 00
88	"	Jessie C. Grinnell.....	"	50 00
89	"	Joe Morrow.....	"	75 00
90	"	E. W. Justus.....	"	50 00
91	"	W. H. Zimmerman.....	"	70 00
92	"	R. Uttenweiler.....	"	60 00
93	"	Fred Atkinson.....	"	35 00
94	"	Chas. B. Ewalt.....	"	30 00
95	"	Spencer Stucky.....	"	50 00
96	"	Odin Coal Co.....	Coal.....	341 00
97	"	W. & L. E. Gurley.....	Repairing.....	2 90
98	"	Goes Lithographing Co.....	Diplomas.....	70 00
99	"	Pitkin & Brooks.....	Marking, chinaware, etc.....	64 06
100	"	W. H. Jones.....	Expenses.....	4 45
101	"	Central Electric Co.....	Wire, etc.....	77 68
102	"	N. O. Nelson Mfg. Co.....	Brass railing.....	97 00
103	"	Western Electric Co.....	Screws, nuts, etc.....	1 30
104	"	Francke Hardware Co.....	Screws.....	2 52
105	"	Electric Appliance Co.....	Wire, tubes, etc.....	8 18
106	"	Battle Creek Steam Pump Co.....	Pump.....	2 40
107	"	Falls Rivet & Machinery Co.....	Pulley.....	3 19
108	"	Brown & Sharpe Mfg. Co.....	Saws.....	7 98
109	"	Chas. A. Schieren & Co.....	Belting and cartage.....	4 98
110	"	Crosby Steam Gage & Valve Co.....	Gage.....	1 50
111	"	Chas. A. Strelinger & Co.....	Emery wheel dresser.....	9 16
112	"	Hubbard & Sons.....	Pipe, fittings, etc.....	55 96
113	"	Champaign Mac. & Supply Co.....	Supplies.....	80 02
114	"	C. H. Russell & Co.....	Glue, screws, etc.....	5 25
115	"	E. Henry.....	Oil, turpentine, etc.....	13 05
116	"	Knowlton & Bennett.....	Paint, supplies, etc.....	13 84
117	"	Dunlap & Wright.....	Labor and material.....	47 59
118	"	Wm. Price Estate.....	"	123 43
119	"	Richards & Co.....	Chemical apparatus.....	30 97
120	"	Henry Heil Chemical Co.....	"	15 75
121	"	Fuller & Fuller Co.....	Drugs, etc.....	10 45
122	"	A. E. Foote.....	Minerals.....	50 08
123	"	D. H. Lloyd & Son.....	Stationery, etc.....	20 65
124	"	Cunningham Bros.....	"	26 95
125	"	A. C. McClurg & Co.....	"	76 63
126	"	H. Swannell.....	Sponges and alcohol.....	4 20
127	"	Eugene Dietzgen Co.....	Blue print paper.....	4 52
128	"	Mittendorf & Kiler.....	Frames, etc.....	22 20
129	"	G. C. Willis.....	Ribbon, Muslin, etc.....	27 65
130	"	Twin City Ice & Cold St'ge. Co.....	Ice.....	1 60
131	"	Kirkpatrick Dep't. Store.....	Matches, etc.....	3 10
132	"	C. H. Baddeley.....	Spoons.....	11 80
133	"	C. A. Hunt.....	Beeswax, etc.....	3 25
134	"	Chicago Calcium Light Co.....	Gas.....	6 73
135	"	C. C. Gere.....	Repairing timer.....	3 00
136	"	J. T. Wolcott.....	Services.....	18 20
137	"	U. & C. Ry. Gas & Electric Co.....	Gas, March 24 to June 23, 1898.....	761 44

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
	1898			
138	July 31	<i>School News &amp; Prac. Educator</i>	Advertisement.....	\$12 48
139	"	<i>Public School Pub. Co.</i>	"	19 80
140	"	<i>Champaign Co. Herald</i>	Printing, etc.....	94 27
141	"	<i>The Gazette</i> .....	"	42 10
142	"	The Burrows Bros. Co.	Book.....	7 00
143	"	Carnegie Steel Co., Ltd.	"	1 00
144	"	Wm. B. Sullivan.....	Directory.....	1 00
145	"	Gustav E. Stechert.....	Books.....	274 76
146	"	Alexander Lumber Co.	Lumber.....	13 30
147	"	C. A. Besore.....	Lumber and nails.....	127 77
148	"	S. W. Shattuck, bus. mgr.	Freight.....	41 80
149	"	"	Express.....	19 35
150	"	"	"	42 05
151	"	Metropolitan Nat'l. of Chicago.	Interest.....	437 67
152	Aug. 15	Geo. W. Myers.....	Expenses.....	73 15
153	"	E. G. Keith.....	Clerk service.....	150 00
154	"	Laura R. Gibbs.....	Salary, July, 1898.....	50 00
155	"	Alison M. Fernie.....	"	100 00
156	"	W. D. Pence.....	Expenses.....	1 50
157	"	Geo. T. Kemp.....	"	54 10
158	"	Kinsey & Mahler Co.	Supplies.....	32 11
159	"	Crane Co.....	Fittings.....	22 26
160	"	C. H. Besly & Co.	Machine supplies.....	22 59
161	"	Champaign Mac. & Supply Co.	Supplies.....	13 43
162	"	Hubbard & Sons.....	Hardware.....	71 33
163	"	W. F. Hardy.....	Barbed wire.....	15 10
164	"	W. I. Saffell.....	Hardware.....	4 45
165	"	Standard Undergr'nd. Cable Co	Wire and reel.....	52 04
166	"	Robinson & Burr.....	Pipe and sundries.....	58 82
167	"	Fred F. Rush & Co.	Coal.....	11 38
168	"	Chas. A. Besore.....	Coal, lumber, etc.....	80 10
169	"	J. M. Thorburn & Co.	Lawn mower.....	67 50
170	"	Sheldon Brick Co.	Sand.....	1 60
171	"	C. H. Russell & Co.	Cement cans.....	15 00
172	"	Walker & Mulliken.....	Desk and chairs.....	49 75
173	"	E. H. Renner & Bro.	Horse, hauling, etc.....	114 50
174	"	W. W. Walls & Co.	Lumber, etc.....	35 35
175	"	Alexander Lumber Co.	Lumber, lime, etc.....	120 73
176	"	E. W. Sampson.....	Lamps.....	2 40
177	"	J. Schonenberger.....	Binders.....	3 20
178	"	T. H. Trevett.....	Hardware, etc.....	28 36
179	"	F. J. Foote.....	Labor.....	18 30
180	"	Sweet, Wallach & Co.	Paper.....	3 00
181	"	Eugene Dietzgen & Co.	Blue print paper.....	3 71
182	"	Yale & Towne Mfg. Co.	Keys, etc.....	1 13
183	"	S. C. Johnson.....	Wax and brush.....	10 75
184	"	G. C. Willis.....	Crash, muslin, etc.....	33 20
185	"	Knowlton & Bennett.....	Book.....	1 60
186	"	<i>Pubic School Pub. Co.</i>	Advertisement.....	12 50
187	"	<i>Illinois Agriculturist</i> .....	Advertising.....	23 40
188	"	H. A. Rhoads.....	Advertisement.....	5 00
189	"	<i>Champaign Co. Herald</i> .....	Printing, etc.....	15 74
190	"	U. & C. Ry., Gas & Electric Co.	Poles.....	7 50
191	"	J. A. Hossack.....	Pigs.....	35 00
192	"	G. R. Gamble.....	Photographic work.....	11 50
193	"	Fuller & Fuller Co.	Soda.....	6 00
194	"	Whitall, Tatam & Co.	Chemicals.....	29 83
195	"	E. H. Sargent & Co.	Bottles.....	8 28
196	"	Kenyon News & Postal Sub. Co	Sign markers.....	8 35
197	"	Library Bureau.....	Book case and cards.....	30 00
198	"	W. W. Lindley.....	Postage.....	25 00
199	"	Union Mfg. Co.....	Water rate July 1 to Oct. 1, 1898.....	250 00
200	"	A. C. McClurg & Co.	Books.....	328 57
201	"	Blakely Printing Co.	Printing catalogue and alumni list.....	1,015 03
202	"	S. W. Shattuck, business mgr.	Taxes.....	223 09
203	"	Little, Brown & Co.	Books.....	650 00
204	"	R. Friedlander & Sohn.....	Fungi and plants.....	369 62
205	"	Falls Rivet & Machinery Co.	Shafts, couplings, etc.....	139 38
206	"	Westinghouse Elec. & Mfg. Co.	Converters, etc.....	212 49
207	"	R. S. Wilber.....	Drayage.....	92 50
208	"	H. McFadden & Bro.	Straw, hay, etc.....	1 45
209	"	Frison Bros.....	Cart.....	25 00
210	"	G. G. Baumgardner.....	Scraper.....	30 00
211	"	The Burrows Bros. Co.	Book.....	7 00
212	"	Edward Thompson Co.	"	3 00
213	"	R. R. Bowker.....	"	5 00
214	"	G. E. Stechert.....	Books.....	11 18
215	"	Hubbard & Sons.....	Contract piping, etc.....	528 44

*Warrants—Continued.*

No.	Date.	To whom.	For what.	Amount.
	1898.			
216	Aug. 15	Robinson & Burr	Castings	\$3 87
217	"	C. H. Baddeley	Lamps, glassware, etc.	8 17
218	"	Odin Coal Co.	Coal	73 00
219	"	C. A. Kofoid	Expenses Summer School	50 00
220	"	Maude W. Straight	Salary, July, 1898.	75 00
221	"	S. W. Shattuck, Business Mgr.	Sundry items	59 59
222	"	"	Express	26 77
223	"	"	"	29 42
224	"	"	Pay-roll, men, July, 1898.	827 37
225	"	"	Pay-roll, students, July, 1898	98 33
226	Aug. 31	A. S. Draper	Salary, August, 1898.	553 33
227	"	T. J. Burrill	"	200 00
228	"	S. W. Shattuck	"	166 66
229	"	N. C. Ricker	"	191 66
230	"	Ira O. Baker	"	187 50
231	"	S. A. Forbes	"	83 33
232	"	C. W. Rolfe	"	175 00
233	"	D. McIntosh	"	50 00
234	"	A. N. Talbot	"	175 00
235	"	A. W. Palmer	"	175 00
236	"	F. F. Frederick	"	158 33
237	"	S. W. Parr	"	175 00
238	"	H. J. Barton	"	175 00
239	"	C. M. Moss	"	175 00
240	"	D. K. Dodge	"	166 66
241	"	L. P. Breckenridge	"	187 50
242	"	D. Kinley	"	187 50
243	"	E. Davenport	"	95 83
244	"	A. Tompkins	"	166 66
245	"	A. P. Carman	"	187 50
246	"	W. H. Jones	"	100 00
247	"	E. B. Greene	"	141 66
248	"	Geo. E. Gardner	"	166 66
249	"	C. C. Pickett	"	125 00
250	"	Katharine L. Sharp	"	166 66
251	"	Geo. T. Kemp	"	166 66
252	"	Geo. W. Myers	"	150 00
253	"	E. J. Townsend	"	137 50
254	"	James M. White	"	133 33
255	"	L. A. Rhoades	"	141 66
256	"	H. H. Everett	"	133 33
257	"	W. H. Van Dervoort	"	137 50
258	"	W. D. Pence	"	133 33
259	"	H. S. Grindley	"	108 33
260	"	T. A. Clark	"	133 33
261	"	H. S. Piatt	"	100 00
262	"	B. V. Swenson	"	108 33
263	"	A. H. Daniels	"	108 33
264	"	G. D. Fairfield	"	108 33
265	"	C. W. Tooke	"	108 33
266	"	F. A. Sager	"	100 00
267	"	William Esty	"	108 33
268	"	Frank Smith	"	100 00
269	"	C. D. McLane	"	100 00
270	"	P. G. Holden	"	54 16
271	"	J. E. McGilvrey	"	108 33
272	"	Seth J. Temple	"	100 00
273	"	J. D. Phillips	"	83 33
274	"	Violet D. Jayne	"	125 00
275	"	W. J. Fraser	"	37 50
276	"	J. C. Blair	"	45 83
277	"	Margaret Mann	"	75 00
278	"	Alison M. Fernie	"	100 00
279	"	Maude W. Straight	"	75 00
280	"	E. G. Howe	"	150 00
281	"	W. L. Pillsbury	"	162 50
282	"	D. McIntosh	"	75 00
283	"	C. V. Millar	"	75 00
284	"	R. W. Stark	"	50 00
285	"	N. S. Spencer	"	100 00
286	"	Lillie Heath	"	75 00
287	"	Sue W. Ford	"	55 00
288	"	L. A. Boice	"	55 00
289	"	Jennie M. Laffin	"	45 00
290	"	Jessie C. Grinnell	"	50 00
291	"	Laura R. Gibbs	"	50 00
292	"	Joe Morrow	"	75 00
293	"	E. W. Justus	"	50 00

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
	1898.			
294	Aug. 31	W. H. Zimmermann.....	Salary, August, 1898.....	\$70 00
295	"	R. Uttenweiler.....	" " " ".....	60 00
296	"	Fred Atkinson.....	" " " ".....	35 00
297	"	Chas. B. Ewalt.....	" " " ".....	30 00
298	"	Spencer Stucky.....	" " " ".....	50 00
299	"	<i>The Gazette</i> .....	Printing, etc.....	28 60
300	"	D. B. George.....	Truck and drayage.....	45 57
301	"	J. C. Vaughan.....	Seed.....	2 60
302	"	A. C. McClurg & Co.....	Books.....	108 52
303	"	Champaign Mach. & Supply Co.....	Tanks, castings, etc.....	129 68
304	"	L. E. Hartrick.....	Mimeograph work.....	35 75
305	"	<i>Champaign County Herald</i> .....	Printing, etc.....	20 00
306	"	Geo. D. Weeks & Co.....	Coal, oil, etc.....	5 20
307	"	<i>The Gazette</i> .....	Binding, etc.....	1 75
308	"	C. A. Kofoid.....	Expenses.....	1 50
309	"	S. W. Shattuck, business m'gr.....	" " " ".....	89 32
310	"	Geo. T. Kemp.....	" " " ".....	15 83
311	"	C. & U. Phoenix Tel. Co.....	Service June 15 to Sept. 15, 1898.....	36 00
312	"	Central Electric Co.....	Carbons.....	6 45
313	"	J. D. Green.....	Roof repairs.....	32 30
314	"	Arthur W. Palmer.....	Expenses.....	45 06
315	"	Harry C. Coffeen.....	Care of Observatory.....	20 00
316	"	Keuffel & Esser Co.....	Papes.....	5 68
317	"	A. S. Aloe Co.....	Tracing cloth.....	5 70
318	"	G. Cramer Dry Plate Works.....	Plates.....	20 50
319	"	Pantagraph P. & Stationery Co.....	Mailing tubes.....	4 00
320	"	A. C. McClurg & Co.....	Printing, etc.....	6 35
321	"	W. W. Lindley.....	Postage.....	30 00
322	"	Electric Appliance Co.....	Electrical supplies.....	9 38
323	"	Henion & Hubbel.....	Pump.....	45 00
324	"	Riehle Bros. Testing Mach. Co.....	Cement mixer.....	67 50
325	"	John Ehrbach.....	Photographs.....	23 03
326	Sept. 15	Bowsher Tellurian Co.....	Balance on tellurian.....	30 00
327	"	F. J. Foote.....	Labor in July, 1898.....	54 70
328	"	T. R. Leal.....	Handling pipe and machinery, etc.....	35 58
329	"	Babcock & Wilcox Co.....	Expenses for re-erecting boilers.....	322 60
330	"	Electric Appliance Co.....	Tubes.....	2 40
331	"	Bates & Guild Co.....	Book.....	20 00
332	"	Edward A. Eishorst.....	Harness, etc.....	23 70
333	"	Falls Rivet & Machinery Co.....	Pulleys.....	14 88
334	"	Wm. Libbey.....	Lantern slides.....	39 50
335	"	Geo. C. Comstock.....	Expenses.....	4 20
336	"	F. H. & W. B. Littler.....	Emery wheels.....	28 00
337	"	C. C. C. & St. L. Ry.....	Labor and material.....	5 15
338	"	Library Bureau.....	Library shelving.....	222 00
339	"	Boston Book Co.....	Publications.....	147 00
340	"	Ward Bros.....	Binding.....	99 35
341	"	P. Ringer & Co.....	Book binding.....	607 80
342	"	<i>Chicago Record</i> .....	Advertisement.....	6 75
343	"	<i>Ills. State Register</i> .....	" " " ".....	6 30
344	"	<i>Inter Ocean</i> .....	" " " ".....	14 40
345	"	Winslow Bros. Co.....	Bronze tablet.....	125 00
346	"	S. W. Shattuck, business m'gr.....	Ocean freight, etc.....	69 96
347	"	" " " ".....	Expressage.....	49 43
348	"	" " " ".....	Freight.....	154 40
349	"	" " " ".....	Pay-roll of students, August, 1898.....	143 93
350	"	" " " ".....	Pay-roll of men, August, 1898.....	1,088 85
351	Sept. 30	A. S. Draper.....	Salary, September, 1898.....	584 33
352	"	T. J. Burrill.....	" " " ".....	200 00
353	"	S. W. Shattuck.....	" " " ".....	166 66
354	"	N. C. Ricker.....	" " " ".....	191 66
355	"	Ira O. Baker.....	" " " ".....	187 50
356	"	S. A. Forbes.....	" " " ".....	83 33
357	"	C. W. Rolfe.....	" " " ".....	175 00
358	"	D. McIntosh.....	" " " ".....	50 00
359	"	A. N. Talbot.....	" " " ".....	175 00
360	"	A. W. Palmer.....	" " " ".....	175 00
361	"	F. F. Frederick.....	" " " ".....	166 66
362	"	S. W. Parr.....	" " " ".....	175 00
363	"	H. J. Barton.....	" " " ".....	175 00
364	"	C. M. Moss.....	" " " ".....	175 00
365	"	D. K. Dodge.....	" " " ".....	166 66
366	"	L. P. Breckenridge.....	" " " ".....	187 50
367	"	D. Kinley.....	" " " ".....	187 50
368	"	E. Davenport.....	" " " ".....	95 83
369	"	A. Tompkins.....	" " " ".....	166 66

*Warrants—Continued.*

No.	Date.	To whom.	For what.	Amount.
	1898.			
370	Sept. 30	A. P. Carman.....	Salary, September, 1898.....	\$187 50
371	"	W. H. Jones.....	" " " " " "	100 00
372	"	E. B. Greene.....	" " " " " "	141 66
373	"	C. C. Pickett.....	" " " " " "	175 00
374	"	Katharine L. Sharp.....	" " " " " "	168 66
375	"	G. T. Kemp.....	" " " " " "	166 66
376	"	G. W. Myers.....	" " " " " "	158 33
377	"	W. L. Drew.....	" " " " " "	166 66
378	"	J. K. Shell.....	" " " " " "	153 33
379	"	J. M. White.....	" " " " " "	141 66
380	"	L. A. Rhoades.....	" " " " " "	150 00
381	"	W. D. Pence.....	" " " " " "	133 33
382	"	W. Esty.....	" " " " " "	133 33
383	"	Violet D. Jayne.....	" " " " " "	133 33
384	"	W. H. Van Dervoort.....	" " " " " "	137 50
385	"	H. S. Grindley.....	" " " " " "	108 33
386	"	H. S. Piatt.....	" " " " " "	108 33
387	"	A. H. Daniels.....	" " " " " "	108 33
388	"	G. D. Fairfield.....	" " " " " "	108 33
389	"	Chas. W. Tooke.....	" " " " " "	108 33
390	"	F. A. Sager.....	" " " " " "	100 00
391	"	Frank Smith.....	" " " " " "	116 66
392	"	C. D. McLane.....	" " " " " "	100 00
393	"	P. G. Holden.....	" " " " " "	54 16
394	"	J. E. McGilvrey.....	" " " " " "	108 33
395	"	J. D. Phillips.....	" " " " " "	83 33
396	"	S. J. Temple.....	" " " " " "	100 00
397	"	Oscar Quick.....	" " " " " "	83 33
398	"	J. C. Blair.....	" " " " " "	50 00
399	"	Alison M. Fernie.....	" " " " " "	116 66
400	"	John P. Hyland.....	" " " " " "	83 33
401	"	T. W. Hughes.....	" " " " " "	100 00
402	"	W. H. Browne, Jr.....	" " " " " "	100 00
403	"	Jennette E. Carpenter.....	" " " " " "	90 00
404	"	George A. Huff.....	" " " " " "	120 00
405	"	W. J. Fraser.....	" " " " " "	41 66
406	"	C. R. Rose.....	" " " " " "	90 00
407	"	Margaret Mann.....	" " " " " "	75 00
408	"	Agnes S. Cook.....	" " " " " "	80 00
409	"	G. H. Meyer.....	" " " " " "	90 00
410	"	Alice Putnam.....	" " " " " "	80 00
411	"	Maude W. Straight.....	" " " " " "	75 00
412	"	W. C. Brenke.....	" " " " " "	80 00
413	"	C. T. Wilder.....	" " " " " "	80 00
414	"	M. B. Hammond.....	" " " " " "	80 00
415	"	H. L. Schoolcraft.....	" " " " " "	80 00
416	"	N. C. Brooks.....	" " " " " "	70 00
417	"	E. L. Milne.....	" " " " " "	80 00
418	"	Martha J. Kyle.....	" " " " " "	70 00
419	"	Henry L. Coar.....	" " " " " "	100 00
420	"	E. C. Schmidt.....	" " " " " "	75 00
421	"	Jessie Y. Fox.....	" " " " " "	30 00
422	"	G. D. Hubbard.....	" " " " " "	60 00
423	"	C. V. Seastone.....	" " " " " "	60 00
424	"	H. V. Carpenter.....	" " " " " "	60 00
425	"	J. L. Sammis.....	" " " " " "	60 00
426	"	H. W. Baum.....	" " " " " "	50 00
427	"	A. P. Sy.....	" " " " " "	50 00
428	"	C. W. Young.....	" " " " " "	50 00
429	"	S. M. Lewis.....	" " " " " "	30 00
430	"	John Nevins.....	" " " " " "	50 00
431	"	E. C. Green.....	" " " " " "	50 00
432	"	E. C. Oliver.....	" " " " " "	50 00
433	"	H. C. Marble.....	" " " " " "	50 00
434	"	Grace O. Edwards.....	" " " " " "	60 00
435	"	Laura H. Gibbs.....	" " " " " "	50 00
436	"	Elma Warwick.....	" " " " " "	50 00
437	"	C. B. Clark.....	" " " " " "	85 00
438	"	A. R. Curtiss.....	" " " " " "	85 00
439	"	Henry Jones.....	" " " " " "	60 00
440	"	J. H. Wilson.....	" " " " " "	60 00
441	"	Lucy H. Carson.....	" " " " " "	30 00
442	"	Emma E. Seibert.....	" " " " " "	30 00
443	"	Sarah L. Dewey.....	" " " " " "	30 00
444	"	H. C. Coffeen.....	" " " " " "	30 00

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
	1898			
445	Sept. 30	A. D. Du Bois .....	Salary, September 18 .....	\$10 00
446	"	E. G. Howe .....	" .....	150 00
447	"	Lillie A. Clendenin .....	" .....	70 00
448	"	R. S. Douglass .....	" .....	80 00
449	"	C. B. Randolph .....	" .....	80 00
450	"	C. W. Alvord .....	" .....	90 00
451	"	G. P. Clinton .....	" .....	20 00
452	"	W. L. Pillsbury .....	" .....	162 50
453	"	N. S. Spencer .....	" .....	100 00
454	"	Lillie Heath .....	" .....	75 00
455	"	Sue W. Ford .....	" .....	55 00
456	"	L. A. Boice .....	" .....	55 00
457	"	W. F. Marker .....	" .....	55 00
458	"	Jennie M. Laffin .....	" .....	45 00
459	"	W. O. Waters .....	" .....	25 00
460	"	Jane E. Cook .....	" .....	20 00
461	"	Olive F. Saxton .....	" .....	45 00
462	"	H. A. Thompson .....	" .....	75 00
463	"	Joe Morrow .....	" .....	75 00
464	"	E. W. Justus .....	" .....	50 00
465	"	W. H. Zimmerman .....	" .....	70 00
466	"	R. Utterweiler .....	" .....	60 00
467	"	Fred Atkinson .....	" .....	40 00
468	"	M. T. Lindsey .....	" .....	40 00
469	"	I. H. Allen .....	" .....	40 00
470	"	C. B. Ewalt .....	" .....	30 00
471	"	Spencer Stucky .....	" .....	50 00
472	"	C. V. Millar .....	" .....	75 00
473	"	R. W. Stark .....	" .....	50 00
474	"	Henry East .....	" .....	40 00
475	"	Pearl Adams .....	" .....	40 00
476	"	W. R. Hoffman .....	" .....	37 00
477	"	L. G. Lathrop .....	" .....	32 00
478	"	J. J. Johnson .....	" .....	32 00
479	"	E. A. Nelson .....	" .....	32 00
480	"	A. McLaughlin .....	" .....	32 00
481	"	Philip Schwehm .....	" .....	27 00
482	"	Frank Gleason .....	" .....	32 00
483	"	A. E. Pond .....	" .....	32 00
485	"	D. McIntosh .....	" .....	75 00
485	"	S. W. Shattuck .....	Salary for 3 mos. to Sept. 30, 1898..	100 00
486	"	A. W. Palmer .....	" .....	25 00
487	"	Champaign County Herald .....	Printing questions, etc. ....	32 19
488	"	Crosby Steam Gauge & Valve Co. ....	Metal points .....	1 00
489	"	Smith-Premier Typewriter Co. ....	Ribbons .....	6 00
490	"	Geo. E. Marshall & Co. ....	Record books .....	4 50
491	"	Francke Hardware Co. ....	Hardware .....	16 02
492	"	Donohue & Henneberry .....	Merchandise .....	7 65
493	"	Indiana Chemical Works .....	Acids .....	49 78
494	"	Fuller & Fuller Co. ....	Corks .....	25 05
495	"	Yale & Towne Mfg. Co. ....	Padlocks, repairing, etc. ....	22 66
496	"	Henry Heil Chemical Co. ....	Platinum wire, chemicals, etc. ....	91 41
497	"	Eugene Dietzgen Co. ....	Paper .....	3 71
498	"	Central Electric Co. ....	Fuse wire .....	27 57
499	"	Chas. A. Schieren & Co. ....	Belt .....	19 63
500	"	V. H. Parke & Son .....	Fire brick .....	7 75
501	"	F. M. McKay .....	Expenses for Board meeting ..	27 85
502	"	Alex McLean .....	" .....	52 37
503	"	J. E. Armstrong .....	" .....	10 80
504	"	J. H. Freeman .....	" .....	8 00
505	"	Ira O. Baker .....	Expenses .....	36 80
506	"	Walter H. Jones .....	" .....	3 85
507	"	N. O. Nelson .....	Engine oilers, etc. ....	6 39
508	"	Orr & Lockett Hdw. Co. ....	Belts, etc. ....	13 27
509	"	E. H. Renner & Bro. ....	Hauling coal .....	72 20
510	"	Edward Thompson Co. ....	Encyclopedia of law .....	6 00
511	"	Illinois Society Engineers & Surveyors .....	Advertisement .....	15 00
512	"	Engineering News Pub. Co. ....	Advertisement to Sept. 15, '98..	6 88
513	"	Westinghouse Elec. & Mfg. Co. ....	Machine .....	105 00
514	"	Norman Kettering .....	Collecting water samples .....	2 00
515	"	Eimer & Amend .....	Rubber tubing, etc. ....	80 48
516	"	Rand McNally & Co. ....	Seal of Illinois, etc. ....	12 25
517	"	Am. Society Municipal Imp. ....	Reports, '95 and '96 .....	1 25
518	"	John B. Bennett .....	Setting boilers .....	655 30
519	"	H. McFadden & Bro. ....	Hay, straw, etc. ....	7 00
520	"	G. Schirmer .....	Music .....	6 22

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
521	1898			
522	Sept. 30	Bausch & Lomb Optical Co....	Microscopes.....	\$113 25
523	"	John Wilson & Son.....	Printing.....	118 52
524	"	Richards & Co.....	Weights, etc.....	6 45
525	"	Ozias Riley, postmaster.....	Postage.....	82 00
526	"	W. W. Lindley, postmaster.....	Postage.....	40 00
527	"	Odin Coal Co.....	Coal.....	419 00
528	"	O. J. Bailey.....	Jersey heifers.....	150 00
529	"	Agricultural Experiment Stat'n	Balance.....	40 00
530	"	L. S. Starrett Co.....	Micrometer, etc.....	22 88
531	"	Chas. A. Strellinger Co.....	Wrenches, etc.....	24 89
532	"	Electric Appliance Co.....	Cleats, etc.....	7 90
533	"	T. Alteneder & Son.....	Instrument.....	2 40
534	"	J. B. Colt & Co.....	Carbons.....	4 00
535	"	J. W. Butler Paper Co.....	Photo mounting cards.....	22 75
536	"	J. A. Roebbling's Sons Co.....	Wire.....	40 00
537	"	Brown & Sharpe Mfg. Co.....	Milling machine.....	427 50
538	"	Meacham & Wright.....	Cement.....	14 50
539	"	Riehle Bros. Testing Machine		
540	"	Co.....	Brass sieve, etc.....	36 00
541	"	J. A. Thain.....	Books.....	65 86
542	"	Burrows Bros. Co.....	Books.....	7 00
543	"	American Architect & Building		
544	"	News Co.....	Book.....	4 00
545	"	European Architecture.....	Vol. 1 to 6, inclusive.....	60 00
546	"	H. O. Woodward.....	Labor.....	85 80
547	"	Champaign Machine & Supply		
548	"	Co.....	Teas, ells, pipes, labor, etc.....	37 22
549	"	A. C. McClurg & Co.....	Books and stationery.....	463 51
550	"	Gustav E. Stechert.....	Books.....	247 71
551	"	Mechanical Department, U. of I.	Labor and materials to July, '98.....	611 94
552	"	Chemical Laboratory, U. of I.	Chemicals furnished to dep'ts.....	128 92
553	"	Repair Shop, U. of I.....	Labor and material to July, '98.....	1,085 44
554	"	Repair Shop, U. of I.....		2,366 22
555	October 10	Blue Print Department, U. of I.	Blue prints, etc.....	37 67
556	"	S. A. Bullard.....	Board expenses.....	34 85
557	"	W. L. Pillsbury.....	Expenses to Board meeting.....	13 00
558	"	P. L. Robinson.....	Scholarship.....	15 00
559	"	Callaghan & Co.....	Law books.....	12 25
560	"	Champaign Times.....	Printing.....	14 75
561	"	Sam Mankowitz.....	Cleats.....	9 60
562	"	General Electric Co.....	Lamps.....	67 75
563	"	C. Machine & Supply Co.....	Lead pipe, fittings, etc.....	3 18
564	"	Garlock Packing Co.....	Packing.....	12 59
565	"	W. S. Royal.....	Oil.....	2 60
566	"	Champaign Co. Printing Co.....	Printing blanks, etc.....	190 54
567	"	Busey Bros.....	Oil cloth, etc.....	4 25
568	"	D. H. Lloyd & Son.....	Carmin ink, etc.....	3 35
569	"	Champaign County Herald.....	Printing programs.....	44 96
570	"	Knowlton & Bennett.....	Index book, etc.....	7 00
571	"	Montgomery Ward & Co.....	Plates.....	3 68
572	"	Walker & Mulliken.....	Mirror, etc.....	1 50
573	"	Baker & Adamson Chemical Co	Filters, etc.....	10 92
574	"	H. Swannell.....	Oil, etc.....	5 45
575	"	Central Union Tel. Co.....	Telephone services to Dec. 31, 1898..	15 50
576	"	G. T. Johnson.....	Toilet paper.....	43 28
577	"	C. & U. Phoenix Tel. Co.....	Telephone service to Dec. 15, 1898..	36 00
578	"	Western Union Telegraph Co..	Telegrams.....	30 19
579	"	A. H. Andrews Co.....	Desks and chairs.....	278 51
580	"	J. C. Vaughan.....	Seeds, etc.....	17 97
581	"	T. H. Trevett.....	Hardware, etc.....	38 35
582	"	W. I. Saffell & Co.....	Hose, bolts, screws, etc.....	6 02
583	"	G. C. Willis.....	Crash, etc.....	7 95
584	"	Bassett & Washburn.....	Supplies.....	7 25
585	"	Wm. Price estate.....	Calceining, etc.....	86 45
586	"	Sanders Publishing Co.....	Advertisement.....	22 40
587	"	T. P. Chester.....	Wire fence.....	16 00
588	"	DeLaval Separator Co.....	Separator, etc.....	52 28
589	"	C. A. Besore.....	Lumber.....	29 62
590	"	The Gazette.....	Printing, etc.....	154 50
591	"	E. Henry.....	Soap brushes.....	20 65
592	"	C. S. Johnson.....	Wax.....	8 75
593	"	C. H. Russell & Co.....	Lawn mower, etc.....	30 61
594	"	H. M. Shuck & Co.....	Window screen, etc.....	6 25
595	"	Eimer & Amend.....	Chemicals.....	9 36
596	"	Burrill & Davis.....	Test wells.....	104 80
597	"	Bausch & Lomb Optical Co....	Microscopes, etc.....	121 79

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
594	1898 October 10	Union Mfg. Co	Water rent, three months.	\$250 00
595	"	Carl Fischer	Sheet music	10 50
596	"	Harry Coleman	Music	3 38
597	"	Lyon & Healy	"	15 18
598	"	John Church Co.	"	2 65
599	"	Prairie Farmer Pub. Co	Advertisement	16 00
600	"	J. E. McGilvrey	Expenses	28 89
601	"	U. & C. Ry Gas & Elec. Co	Gas, three months	288 68
602	"	A. H. Abbott & Co	Clay	10 00
603	"	Frank F. Frederick	Expenses	12 77
604	"	Chas. A. Schieren & Co	Belt	7 69
605	"	Brown & Sharpe Mfg. Co	Milling machine	28 80
606	"	Robinson & Burr	Cotton waste	2 20
607	"	Shea, Smith & Co	Stationery, etc.	34 79
608	"	A. E. Wuestman	Stop watch	6 00
609	"	Lawton & Co	Duplicator	6 38
610	"	Henien & Hubbell	Pump, etc	23 45
611	"	W. F. Hardy	Tank, etc.	14 35
612	"	Library Bureau	Cards, etc	143 13
613	"	R. R. Bowker	Subscription	2 00
614	"	<i>Tribune Co.</i>	"	1 20
615	"	<i>Chicago Chronicle</i>	"	1 00
616	"	J. Wiley & Sons	Book	2 00
617	"	P. Ringer & Co.	Book binding	49 75
618	"	A. C. McClurg & Co	Books and stationery	99 84
619	"	Gustav E. Stechert	Books	417 09
620	"	Henry Heil Chemical Co	Chemicals, etc	76 70
621	"	Chas. G. Armstrong	Expenses as consulting engineer	295 31
622	"	A. L. Ide & Son	Supplies	6 40
623	"	P. G. Holden	Expenses	49 55
624	"	A. W. Palmer	Railroad fares, etc.	6 00
625	"	<i>Chicago Times-Herald</i>	Advertisement	2 00
626	October 20	Isaac S. Raymond	Expenses	24 65
627	"	A. P. Carman	"	11 85
628	"	A. N. Talbot	"	3 81
629	"	R. W. Stark	"	9 13
630	"	Central Electric Co.	Desk, lamp, etc	6 67
631	"	Bausch & Lomb Optical Co.	Dissecting sets, etc	19 69
632	"	Chas. H. Besley & Co	Sheet brass, etc	17 37
633	"	Medart Patent Pulley Co	Pulleys	1 40
634	"	Western Electric Co.	Switches, wire, etc	19 01
635	"	James G. Biddle	Photometers	383 92
636	"	Kny-Scheerer Co.	Physical apparatus	117 05
637	"	Shea, Smith & Co	Paper shears	1 75
638	"	Robinson & Burr	Fittings, etc.	33 53
639	"	Keuffel & Esser Co.	Metallic taps, reels, etc.	23 95
640	"	A. S. Aloe Co.	Slide rule.	22 50
641	"	C. A. Besore	Lumber	22 16
642	"	Henry Heil Chemical Co.	Gas burner, chemicals, etc.	601 82
643	"	Westinghouse Electric Co	Wattmeter, etc.	3 15
644	"	Lyon & Healy	Music	9 93
645	"	<i>Champaign Co. Herald</i>	Ruled ledger paper, etc	16 50
646	"	Carl Bejohr	Contract of lightning rods	125 93
647	"	Falls River & Machinery Co	Pulleys	37 94
648	"	S. W. Shattuck, business mgr	Expressage	59 48
649	"	"	Pay-roll, men, September, 1898.	870 95
650	"	"	students, September, 1898.	206 50
651	October 31	A. S. Draper	Salary, October, 1898	559 33
652	"	T. J. Burrill	"	200 00
653	"	S. W. Shattuck	"	166 65
654	"	N. C. Ricker	"	191 66
655	"	Ira O. Baker	"	187 50
656	"	S. A. Forbes	"	83 33
657	"	C. W. Rolfe	"	175 00
658	"	D. McIntosh	"	50 00
659	"	A. N. Talbot	"	175 00
660	"	A. W. Palmer	"	175 00
661	"	F. F. Frederick	"	166 66
662	"	S. W. Parr	"	175 00
663	"	H. J. Barton	"	175 00
664	"	C. M. Moss	"	175 00
665	"	D. K. Dodge	"	166 66
666	"	L. P. Breckenridge	"	187 50
667	"	D. Kinley	"	187 50
668	"	E. Davenport	"	95 83
669	"	A. Tompkins	"	166 66
670	"	A. P. Carman	"	187 50
671	"	W. H. Jones	"	100 00



## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
	1898			
672	October 31	E. B. Greene .....	Salary, October, 1898.....	\$141 66
673	"	C. C. Pickett .....	" .....	175 00
674	"	Katharine L. Sharp .....	" .....	166 66
675	"	G. T. Kemp .....	" .....	166 66
676	"	G. W. Myers .....	" .....	158 33
677	"	W. L. Drew .....	" .....	166 66
678	"	J. K. Shell .....	" .....	133 33
679	"	J. M. White .....	" .....	141 66
680	"	L. A. Rhoades .....	" .....	150 00
681	"	W. D. Pence .....	" .....	133 33
682	"	William Esty .....	" .....	133 33
683	"	Violet D. Jayne .....	" .....	133 33
684	"	W. H. Van Dervoort .....	" .....	137 50
685	"	H. S. Grindley .....	" .....	108 33
686	"	H. S. Piatt .....	" .....	108 33
687	"	A. H. Daniels .....	" .....	108 33
688	"	G. D. Fairfield .....	" .....	108 33
689	"	Chas. W. Tookey .....	" .....	108 33
690	"	F. A. Sager .....	" .....	100 00
691	"	Frank Smith .....	" .....	116 66
692	"	C. D. McLane .....	" .....	100 00
693	"	P. G. Holden .....	" .....	54 16
694	"	J. E. McGilvrey .....	" .....	108 33
695	"	J. D. Phillips .....	" .....	83 33
696	"	S. J. Temple .....	" .....	100 00
697	"	Oscar Quick .....	" .....	83 33
698	"	J. C. Blair .....	" .....	50 00
699	"	Alison M. Fernie .....	" .....	116 66
700	"	J. P. Hyland .....	" .....	83 33
701	"	T. W. Hughes .....	" .....	100 00
702	"	W. H. Brown, Jr .....	" .....	100 00
703	"	Jennette E. Carpenter .....	" .....	90 00
704	"	Geo. A. Huff .....	" .....	120 00
705	"	W. J. Fraser .....	" .....	41 66
706	"	C. R. Rose .....	" .....	90 00
707	"	Margaret Mann .....	" .....	75 00
708	"	Agnes S. Cook .....	" .....	80 00
709	"	G. H. Meyer .....	" .....	90 00
710	"	Alice Putnam .....	" .....	80 00
711	"	Maude W. Straight .....	" .....	75 00
712	"	W. C. Brenke .....	" .....	80 00
713	"	C. T. Wilder .....	" .....	80 00
714	"	M. B. Hammond .....	" .....	80 00
715	"	H. L. Schoolcraft .....	" .....	80 00
716	"	N. C. Brooks .....	" .....	70 00
717	"	E. L. Milne .....	" .....	80 00
718	"	Martha J. Kyle .....	" .....	70 00
719	"	G. P. Clinton .....	" .....	20 00
720	"	Henry L. Coar .....	" .....	100 00
721	"	E. C. Schmidt .....	" .....	75 00
722	"	Jessie Y. Fox .....	" .....	30 00
723	"	G. D. Hubbard .....	" .....	60 00
724	"	C. V. Seastone .....	" .....	60 00
725	"	H. V. Carpenter .....	" .....	60 00
726	"	J. L. Sammis .....	" .....	60 00
727	"	H. W. Baum .....	" .....	50 00
728	"	A. P. Sy .....	" .....	50 00
729	"	C. W. Young .....	" .....	50 00
730	"	S. M. Lewis .....	" .....	30 00
731	"	John Nevins .....	" .....	50 00
732	"	E. C. Greene .....	" .....	50 00
733	"	E. C. Oliver .....	" .....	50 00
734	"	H. C. Marble .....	" .....	50 00
735	"	Grace O. Edwards .....	" .....	60 00
736	"	Laura R. Gibbs .....	" .....	50 00
737	"	Elma Warwick .....	" .....	50 00
738	"	C. B. Clark .....	" .....	85 00
739	"	A. R. Curtiss .....	" .....	85 00
740	"	Henry Jones .....	" .....	60 00
741	"	J. H. Wilson .....	" .....	60 00
742	"	Lucy H. Carson .....	" .....	30 00
743	"	Emma E. Seibert .....	" .....	30 00
744	"	Sarah L. Dewey .....	" .....	30 00
745	"	H. C. Coffeen .....	" .....	30 00
746	"	A. D. Du Bois .....	" .....	10 00
747	"	E. G. Howe .....	" .....	150 00
748	"	Lillie A. Clendenin .....	" .....	70 00
749	"	R. S. Douglass .....	" .....	50 00

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
	1898			
750	October 31	C. B. Randolph	Salary, October, 1898	\$80 00
751	"	C. W. Alvord	"	90 00
752	"	W. L. Pillsbury	"	162 50
753	"	N. S. Spencer	"	100 00
754	"	Lillie Heath	"	75 00
755	"	Sue W. Ford	"	55 00
756	"	L. A. Boice	"	55 00
757	"	W. F. Marker	"	55 00
758	"	Jennie M. Laflin	"	45 00
759	"	W. O. Waters	"	25 00
760	"	Jane E. Cook	"	20 00
761	"	Olive F. Saxton	"	45 00
762	"	H. A. Thompson	"	75 00
763	"	Joe Morrow	"	75 00
764	"	E. W. Justus	"	50 00
765	"	W. H. Zimmerman	"	70 00
766	"	R. Uttenwiler	"	60 00
767	"	Fred Atkinson	"	40 00
768	"	M. T. Lindsey	"	40 00
769	"	J. H. Allen	"	40 00
770	"	C. B. Ewalt	"	30 00
771	"	Spencer Stucky	"	50 00
772	"	Albert R. Lee	"	20 00
773	"	D. McIntosh	"	75 00
774	"	C. V. Millar	"	75 00
775	"	R. W. Stark	"	50 00
776	"	F. P. Pritchard	"	21 66
777	"	Henry East	"	40 00
778	"	Pearl Adams	"	40 00
779	"	W. H. Hoffman	"	37 00
780	"	L. G. Lathrop	"	32 00
781	"	J. J. Johnson	"	32 00
782	"	E. A. Nelson	"	32 00
783	"	A. McGlaughlin	"	32 00
784	"	Frank Glason	"	32 00
785	"	A. E. Pound	"	32 00
786	"	Philip Schwehm	"	27 00
787	"	E. G. Keith	Salary for clerk to October 15, 1898	150 00
788	"	A. A. Sphung	Supplies	2 50
789	"	Empire Steam Laundry	Laundry work	4 26
790	"	Peoria Steam Marble Works	Switch board	12 00
791	"	Kinsey & Mahler Co.	Plugs	10 26
792	"	Crosby St'm G'uge & Valve Co.	Planimeter	52 50
793	"	Indiana Ladder Co.	Ladders	4 73
794	"	American Hard Rubber Co.	Sheet rubber	16 56
795	"	Joseph Dixon Crucible Co.	Belt dressing	3 00
796	"	Electric Appliance Co.	Bells	5 76
797	"	Medart Patent Pulley Co.	Pulley	18 70
798	"	B. F. Stevens	Stove, tools, etc.	5 20
799	"	Machinist Supply Co.	Gear cutter	4 09
800	"	Jones & Laughlins	Steel, iron, etc.	17 94
801	Nov. 10	J. E. Armstrong	Expenses	17 50
802	"	W. L. Pillsbury	"	64 51
803	"	Isaac S. Raymond	"	87 85
804	"	Ira O. Baker	"	18 88
805	"	J. E. McGilvrey	Expenses visiting high school	91 41
806	"	H. S. Grindley	"	15 65
807	"	Chas. T. Wilder	For blue printing	17 95
808	"	Newman Clock Company	Dials	2 50
809	"	C. H. Baddeley	Jars, gelatine, etc.	17 66
810	"	D. H. Lloyd & Sons	Note books, etc.	28 00
811	"	Western Union Tel. Co.	Telegrams	17 82
812	"	Karher Grocery Co.	Supplies	9 57
813	"	Alex. Nilsen	Necturus	3 00
814	"	Eimer & Amend	Chemicals	42 76
815	"	Knowlton & Bennett	Paper, etc.	8 70
816	"	Pitkins & Brooks	Jugs	3 05
817	"	Cunningham Bros.	Paper, etc.	21 85
818	"	F. K. Robeson & Bros.	Brush, crash, etc.	2 12
819	"	W. S. Royal	Oil	1 95
820	"	E. Henry	White lead, etc.	5 45
821	"	E. G. Howe	Petty expenses	5 07
822	"	Champaign County Herald	Printing	23 00
823	"	Donohue & Henneberry	Book	1 75
824	"	Smith Premier Typewriter Co.	Typewriter, etc.	126 50
825	"	S. W. Shattuck, business mgr.	Sundry accounts paid	74 03
826	"	West Publishing Co.	Subscription	41 25
827	"	J. D. Green	Iron roof, etc.	65 15

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
828	Nov. 10	1898		
828	Nov. 10	Stewart Iron Works.....	Iron fence.....	2,550 00
829	"	H. McFadden & Bro.....	Straw, etc.....	20 20
830	"	H. Ewalt.....	Salary, October, 1898.....	60 00
831	"	Link Belt Machinery Co.....	Screw conveyor.....	1 50
832	"	Chicago Eng'ing Supply Co.....	Valve.....	4 00
833	"	Chicago Carpet Co.....	Cork matting.....	218 70
834	"	Eugene Dietzgen Co.....	Paper.....	6 51
835	"	J. W. Butler Paper Co.....	Linen, etc.....	38 00
836	"	Sweet, Wallach & Co.....	Frames.....	15 45
837	"	Ft. Wayne Electric Corporation.....	Brushes and lamp parts.....	3 20
838	"	Wychoff, Seamans & Benedict.....	Typewriter and cabinet.....	97 50
839	"	Library Bureau.....	Tables, order slips, etc.....	352 03
840	"	Narragansett Machine Co.....	Measuring charts, etc.....	104 40
841	"	<i>The Illini</i> .....	Subscription and advertisement.....	162 50
842	"	Henry Troemner.....	Balances.....	170 00
843	"	Norman Kettering.....	Collecting samples.....	1 00
844	"	T. H. Trevett.....	Copper water bath, etc.....	12 66
845	"	Pittsburgh Reduction Co.....	Aluminum.....	13 70
846	"	Globe Carbon Co.....	Carbons.....	28 00
847	"	H. O. Woodworth.....	Work.....	28 35
848	"	General Electric Co.....	Lamps, etc.....	55 75
849	"	Ozias Riley, P. M.....	Postage.....	128 54
850	"	W. W. Lindley, P. M.....	Postage.....	30 00
851	"	Central Electric Co.....	Lamp covering, etc.....	9 05
852	"	L. M. Rumsey Mfg. Co.....	Waste.....	7 75
853	"	E. H. Renner & Bro.....	Hauling coal.....	109 50
854	"	Odin Coal Co.....	Coal.....	428 00
855	"	L. V. Manspeaker.....	Baskets, etc.....	2 10
856	"	Shea, Smith & Co.....	Band numberer, etc.....	1 58
857	"	Kinsey & Mahler Co.....	Gun metal castings.....	5 58
858	"	Chas. A. Schieren & Co.....	Belt.....	7 35
859	"	Westcott Chuck Co.....	Key.....	1 00
860	"	Medart Patent Pulley Co.....	Pulleys.....	14 69
861	"	Jones & Laughlins.....	Bolt, etc.....	1 68
862	"	Cleveland Twist Drill Co.....	Supplies.....	1 93
863	"	G. A. Gray Co.....	Connecting rod.....	1 90
864	"	Orr & Lockett Hardware Co.....	Wardrobe, locks, screws, etc.....	25 79
865	"	Pratt & Whitney Co.....	Tools, etc.....	11 46
866	"	Robinson & Burr.....	Steam separator, etc.....	13 29
867	"	Miller Harness Co.....	Shield, etc.....	17 55
868	"	C. A. Besore.....	Lumber, etc.....	360 18
869	"	Montgomery Ward & Co.....	U. S. flag.....	3 50
870	"	Fairbanks, Morse & Co.....	Scale.....	5 68
871	"	Mittendorf & Kiler.....	Frames, etc.....	15 10
872	"	C. H. Russell & Co.....	Trays, steel dies, etc.....	63 39
873	"	Schaffer & Budenberg.....	Ejector.....	6 00
874	"	Walsh & Wyeth.....	Magnesia covering.....	473 70
875	"	Wm. Price estate.....	Oils, etc.....	78 64
876	"	Electric Appliance Co.....	Wire sounding posts, etc.....	34 95
877	"	John Gaynor.....	Glass jars.....	10 80
878	"	E. S. Ritchie & Sons.....	Meter rods.....	6 48
879	"	Fuller & Fuller Co.....	Acids.....	69 80
880	"	Chas. H. Besley & Co.....	Brass rods, etc.....	13 22
881	"	Hubbard & Sons.....	Case, etc.....	13 08
882	"	<i>The Gazette</i> .....	Printing, etc.....	83 60
883	"	Lyon & Healy.....	Music.....	45 64
884	"	Bausch & Lomb Optical Co.....	Circles and microscopes.....	258 41
885	"	Crosby St'm Guage & Valve Co.....	Gage and valve.....	19 40
886	"	Columbus Engineering Co.....	Set of engine details.....	7 53
887	"	Machinist Supply Co.....	Tool chest, etc.....	25 89
888	"	Champaign Machine & Sup. Co.....	Fittings, etc.....	152 00
889	"	<i>Astronomical Journal</i> .....	Subscription.....	5 00
890	"	American Hackney Horse Soc.....	Books.....	6 00
891	"	American Trot Register Ass'n.....	Publications.....	70 00
892	"	American Guernsey Cattle Club.....	Herd register.....	8 75
893	"	American Clydesdale Ass'n.....	Books.....	12 00
894	"	Abbott Bassett.....	Book.....	5 00
895	"	Wm. R. Baird.....	Book.....	1 60
896	"	Burrows Bros. Co.....	Books.....	14 00
897	"	Boston Book Co.....	Books.....	105 75
898	"	R. R. Bowker.....	Subscription to Publishers' Weekly.....	39 00
899	"	Gustav E. Stechert.....	Books.....	54 08
900	"	A. C. McClurg & Co.....	Books and stationery.....	165 81
901	"	Carl Freigan.....	Record of stock.....	16 50
902	"	Chas. E. Lauriat Co.....	Books.....	2 75
903	"	Nat. Saddle Horse Breeders Ass.....	Books.....	2 00
904	"	Nat'l Berkshire Record Ass.....	Books.....	5 00

## Warrants—Continued.

No.	Date	To whom.	For what.	Amount.
	1898			
905	Nov. 10	Rogers & Manson.....	Copies of publications .....	1 25
906	"	P. Ringer & Co.....	Book binding .....	44 70
907	"	Chicago Legal News Co.....	Advertisement.....	33 00
908	"	<i>Illinois State Journal</i> .....	Advertisement.....	3 00
909	"	F. M. Crouse.....	Books.....	3 00
910	"	C. M. Parker.....	Advertisement, 3 months.....	12 48
911	Nov. 21	Alex. McLean.....	Expenses, board meeting, etc.....	88 17
912	"	J. E. Armstrong.....	Expenses.....	10 00
913	"	Montgomery Ward & Co.....	Blankets, etc.....	27 33
914	"	Westinghouse, Church, Kerr & Co.....	Stokers.....	887 50
915	"	H. Hell Chemical Co.....	Chemicals, flasks, bottles, etc.....	979 51
916	"	C. O. Mathews.....	Expenses.....	8 20
917	"	E. H. Renner & Bro.....	Hauling coal.....	96 70
918	"	Falls Rivet & Machinery Co.....	Pulleys.....	12 14
919	"	American Trotting Reg. Ass.....	Book.....	5 00
920	"	Champaign County Prtg. Co.....	Printing.....	55 75
921	"	A. M. Coffeen.....	Coal.....	30 87
922	"	Boston Book Co.....	Subscriptions.....	16 60
923	"	John B. Bennett.....	Labor, brick, etc.....	127 50
924	"	Machinist Supply Co.....	Steel, gear cutters, nuts, etc.....	89 57
925	"	Orr & Locket Hardware Co.....	Hardware, etc.....	103 85
926	Nov. 30	A. S. Draper.....	Salary, November 1898.....	583 33
927	"	T. J. Burrill.....	".....	200 00
928	"	S. W. Shattuck.....	".....	166 66
929	"	N. C. Ricker.....	".....	191 66
930	"	Ira O. Baker.....	".....	187 50
931	"	S. A. Forbes.....	".....	83 33
932	"	C. W. Rolfe.....	".....	175 00
933	"	D. McIntosh.....	".....	50 00
934	"	A. N. Talbot.....	".....	175 00
935	"	A. W. Palmer.....	".....	175 00
936	"	F. F. Frederick.....	".....	166 66
937	"	S. W. Parr.....	".....	175 00
938	"	H. J. Barton.....	".....	175 00
939	"	C. M. Moss.....	".....	175 00
940	"	D. K. Dodge.....	".....	166 66
941	"	L. P. Breckenridge.....	".....	187 50
942	"	D. Kinley.....	".....	187 50
943	"	E. Davenport.....	".....	95 83
944	"	A. Tompkins.....	".....	166 66
945	"	A. P. Carman.....	".....	187 50
946	"	W. H. Jones.....	".....	100 00
947	"	E. B. Greene.....	".....	141 66
948	"	C. C. Pickett.....	".....	175 00
949	"	Katharine L. Sharp.....	".....	166 66
950	"	G. T. Kemp.....	".....	166 66
951	"	G. W. Myers.....	".....	158 33
952	"	W. L. Drew.....	".....	166 66
953	"	J. K. Shell.....	".....	133 33
954	"	James M. White.....	".....	141 66
955	"	L. A. Rhoades.....	".....	150 00
956	"	W. D. Pence.....	".....	133 33
957	"	William Esty.....	".....	133 33
958	"	Violet D. Jayne.....	".....	133 33
959	"	W. H. Van Dervoort.....	".....	137 50
960	"	H. S. Grindley.....	".....	108 33
961	"	H. S. Platt.....	".....	108 33
962	"	A. H. Daniels.....	".....	108 33
963	"	G. D. Fairfield.....	".....	108 33
964	"	G. W. Tooke.....	".....	108 33
965	"	F. A. Sager.....	".....	100 00
966	"	Frank Smith.....	".....	116 66
967	"	C. D. McLane.....	".....	100 00
968	"	P. G. Holden.....	".....	54 16
969	"	J. E. McGilvrey.....	".....	108 33
970	"	J. D. Phillips.....	".....	83 33
971	"	S. J. Temple.....	".....	100 00
972	"	Oscar Quick.....	".....	83 33
973	"	J. C. Blair.....	".....	50 00
974	"	Alison M. Fernie.....	".....	116 66
975	"	J. P. Hylan.....	".....	83 33
976	"	T. W. Hughes.....	".....	100 00
977	"	W. H. Browne, Jr.....	".....	100 00
978	"	Jennette E. Carpenter.....	".....	90 00
979	"	George A. Huff.....	".....	120 00
980	"	W. J. Fraser.....	".....	42 66

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
	1898			
981	Nov. 30	C. R. Rose .....	Salary, November 1898.....	\$90 00
982	"	Margaret Mann .....	"	75 00
983	"	Agnes S. Cook .....	"	80 00
984	"	G. H. Meyer .....	"	90 00
985	"	Alice Putnam .....	"	80 00
986	"	Maude W. Straight .....	"	75 00
987	"	W. C. Brenke .....	"	80 00
988	"	C. T. Wilder .....	"	80 00
989	"	M. B. Hammond .....	"	80 00
990	"	H. L. Schoolcraft .....	"	80 00
991	"	N. C. Brooks .....	"	70 00
992	"	E. L. Milne .....	"	80 00
993	"	Martha J. Kyle .....	"	70 00
994	"	G. P. Clinton .....	"	20 00
995	"	Henry L. Coar .....	"	100 00
996	"	E. C. Schmidt .....	"	75 00
997	"	Jessie Y. Fox .....	"	30 00
998	"	G. D. Hubbard .....	"	60 00
999	"	C. V. Seastone .....	"	60 00
1000	"	H. V. Carpenter .....	"	60 00
1001	"	J. L. Sammis .....	"	60 00
1002	"	H. W. Baum .....	"	50 00
1003	"	A. P. Sy .....	"	50 00
1004	"	C. W. Young .....	"	50 00
1005	"	S. M. Lewis .....	"	30 00
1006	"	John Nevins .....	"	50 00
1007	"	E. C. Green .....	"	50 00
1008	"	E. C. Oliver .....	"	50 00
1009	"	H. C. Marble .....	"	50 00
1010	"	Grace O. Edwards .....	"	60 00
1011	"	Laura R. Gibbs .....	"	50 00
1012	"	Elma Warwick .....	"	50 00
1013	"	C. B. Clark .....	"	85 00
1014	"	A. R. Curtiss .....	"	85 00
1015	"	Henry Jones .....	"	60 00
1016	"	J. H. Wilson .....	"	60 00
1017	"	Lucy H. Carson .....	"	30 00
1018	"	Emma E. Seibert .....	"	30 00
1019	"	Sarah L. Dewey .....	"	30 00
1020	"	H. C. Coffeen .....	"	30 00
1021	"	A. D. DuBois .....	"	10 00
1022	"	E. G. Howe .....	"	150 00
1023	"	Lillie Clendenin .....	"	70 00
1024	"	R. S. Douglass .....	"	80 00
1025	"	C. B. Randolph .....	"	80 00
1026	"	C. W. Alvord .....	"	90 00
1026	"	W. L. Pillsbury .....	"	162 50
1027	"	N. S. Spencer .....	"	100 00
1029	"	Lillie Heath .....	"	75 00
1030	"	Sue W. Ford .....	"	55 00
1031	"	L. A. Boice .....	"	55 00
1032	"	W. F. Marker .....	"	55 00
1033	"	Jennie M. Ladin .....	"	45 00
1034	"	Oliver F. Saxton .....	"	45 00
1035	"	Jane E. Cooke .....	"	20 00
1036	"	W. O. Waters .....	"	25 00
1037	"	Joe Morrow .....	"	75 00
1038	"	C. B. Ewalt .....	"	30 00
1039	"	W. H. Zimmerman .....	"	70 00
1040	"	H. Ewalt .....	"	60 00
1041	"	E. W. Justus .....	"	50 00
1042	"	Spencer Stuckey .....	"	50 00
1043	"	H. A. Thompson .....	"	75 00
1044	"	R. Uttenwiler .....	"	60 00
1045	"	Fred Atkinson .....	"	40 00
1046	"	M. T. Lindsey .....	"	40 00
1047	"	I. H. Allen .....	"	40 00
1048	"	Albert R. Lee .....	"	20 00
1049	"	Frank Spencer .....	"	40 00
1050	"	Pearl Adams .....	"	40 00
1051	"	W. H. Hoffman .....	"	37 00
1052	"	L. G. Lathrop .....	"	32 00
1053	"	J. J. Johnson .....	"	32 00
1054	"	E. A. Nelson .....	"	37 00
1055	"	A. McGlaughlin .....	"	32 00
1056	"	E. A. Pound .....	"	32 00
1057	"	Frank Gleason .....	"	32 00
1058	"	Philip Schwebm .....	"	27 00

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
1059	Nov. 30	1898.		
1060	Nov. 30	C. V. Millar.....	Salary, November, 1898.....	\$75 00
1061	"	R. W. Stark.....	" " " " " " " " " " " "	50 00
1062	"	D. McIntosh.....	" " " " " " " " " " " "	75 00
1063	"	A. W. Palmer.....	Salary, 3 mos., to Nov. 30.....	25 00
1064	"	F. P. Pritchard.....	Salary, November, 1898.....	21 66
1065	"	H. B. Richards.....	Book.....	5 00
1066	"	Annie M. Lutz.....	Earthworms.....	12 75
1067	"	A. D. MacGillivray.....	Supplies.....	3 40
1068	"	Medarc Patent Pulley Co.....	Pulley.....	3 82
1069	"	Henry Stevens & Sons.....	Bull.....	200 00
1070	"	Tinius Olsen & Co.....	Micrometer.....	12 00
1071	"	Lukenhimer Co.....	Lubricator, etc.....	7 89
1072	"	Westinghouse Elec. & Mfg. Co.....	Converter.....	78 70
1073	"	American Hereford Cattle		
1074	"	Breeders' Association.....	Book.....	18 00
1075	"	John T. Towsley Mfg. Co.....	Trucks.....	18 00
1076	"	Chas. Strelinger Co.....	Nickel plating, etc.....	7 36
1077	"	Chesapeake & Ohio Co.....	Coke.....	27 91
1078	"	Geo. B. Carpenter & Co.....	Heating apparatus, etc.....	30 97
1079	"	Sweet, Wallach & Co.....	Photographic material.....	10 50
1080	"	The Gazette.....	Printing.....	147 51
1081	"	T. R. Leal.....	Labor with team.....	9 25
1082	"	Henry Heil Chemical Co.....	Polariscope, oven, etc.....	401 56
1083	"	Blomgren Bros. & Co.....	Diagram.....	1 02
1084	"	E. G. Soltmann.....	Cross section paper.....	2 00
1085	"	Chi. Lab. Supply & Scale Co.....	Clamps.....	2 87
1086	"	The Chas. Williams Surg. In Co	Time marker.....	7 00
1087	"	Frederick A. Cleveland.....	Book.....	1 50
1088	"	Brooklyn Engineers' Club.....	Copy of proceedings, 1897.....	1 00
1089	"	Michigan Engineering Society.....	Set of Engineering Annals.....	14 00
1090	"	Windsor & Kenfield Pub. Co.....	Street Railway Review, 1897.....	4 50
1091	"	Dana C. Munro.....	Translations and reprints.....	4 10
1092	"	Bausch & Lomb Optical Co.....	Covers, labels, etc.....	37 88
1093	"	Inland Publishing Co.....	Half tone.....	4 00
1094	"	Wm. Sullivan.....	Work on tile outlet.....	144 00
1095	"	H. McFadden & Bro.....	Hay, etc.....	18 70
1096	"	General Electric Co.....	Lamp, sockets, etc.....	90 75
1097	"	Globe Carbon Co.....	Carbons.....	6 50
1098	"	Boston Book Co.....	Books.....	493 65
1099	"	S. W. Shattuck, business mgr.....	Expressage.....	67 42
1100	"	S. W. Shattuck, business mgr.....	Freightage.....	199 45
1101	"	S. W. Shattuck, business mgr.....	Pay-roll, students, October, 1898.....	304 52
1102	"	S. W. Shattuck, business mgr.....	Pay-roll, men, October, 1898.....	929 10
1103	Dec. 15	N. B. Morrison.....	Expenses.....	82 65
1104	"	Alex. McLean.....	" " " " " " " " " " " "	27 82
1105	"	Mrs H. F. Carriel.....	" " " " " " " " " " " "	25 00
1106	"	S. A. Bullard.....	" " " " " " " " " " " "	24 60
1107	"	Lucy L. Flower.....	" " " " " " " " " " " "	52 81
1108	"	Isaac S. Raymond.....	" " " " " " " " " " " "	94 05
1109	"	W. L. Pillsbury.....	" " " " " " " " " " " "	8 14
1110	"	T. J. Burrill.....	" " " " " " " " " " " "	6 80
1111	"	Miller & Lemming.....	Cases, etc.....	12 50
1112	"	Wm. J. Bohm.....	Tubes.....	3 40
1113	"	C. H. Baddely.....	Groceries.....	29 60
1114	"	R. S. Royal.....	Oil.....	1 30
1115	"	Quincy Show Case Works.....	Mahogany lumber.....	8 00
1116	"	Chas. B. Hatch.....	Hotel expenses.....	4 00
1117	"	Jessie Y. Fox.....	Excess of music fees for 1898.....	97 63
1118	"	A. E. Wuestman.....	Repairing clocks, etc.....	4 50
1119	"	Wm. Price Estate.....	Painting, etc.....	14 20
1120	"	Norton Emery Wheel Co.....	Emery wheels.....	13 00
1121	"	Hugh Hill Tool Co.....	Tools.....	10 35
1122	"	F. B. Stevens.....	Plumbago, etc.....	6 20
1123	"	Jones & Laughlins.....	Steel.....	8 87
1124	"	C. A. Besore.....	Lumber.....	153 47
1125	"	Twin City Electric Co.....	Wire fittings, etc.....	83 89
1126	"	C. C. Willis.....	Canvas, muslin, etc.....	2 99
1127	"	Electric Appliance Co.....	Lamp cord, etc.....	155 15
1128	"	Champaign Tile Co.....	Tile.....	47 82
1129	"	Detroit White Lead Works.....	Varnish.....	11 96
1130	"	J. C. Vaughan.....	Seeds.....	6 25
1131	"	Hubbard & Sons.....	Stove, oven, etc.....	20 00
1132	"	H. Swannell.....	Oil, paints, etc.....	104 50
1133	"	Champaign Mach. & Sup'ly Co.....	Valves, bushing, etc.....	130 94
1134	"	Henry R. Worthington.....	Piston rods, etc.....	13 00
1135	"	Scott Valve Co.....	Valves.....	36 00
1136	"	Washburn & Moen Mfg. Co.....	Wire.....	2 45
1137	"	Shea, Smith & Co.....	Stationery, etc.....	3 03

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
1136	Dec. 15	Mittendorf & Kiler.	Undertakers expenses, etc.	\$71 80
1137	"	D. H. Lloyd & Son.	Stationery, cardboard, etc.	5 35
1138	"	<i>The Gazette</i>	Printing	134 65
1139	"	Richards & Co.	Furnaces, etc.	58 54
1140	"	Twin City Electric Co.	Transit key, etc.	26 43
1141	"	Cunningham Bros.	Plates, acids, etc.	11 05
1142	"	Whitall, Tatum & Co.	Jars.	4 10
1143	"	J. M. Olcott & Co.	Magnet, etc.	2 21
1144	"	J. E. McGilvrey.	Expenses visiting schools.	35 10
1145	"	Standard Oil Co.	Cylinder oil	27 64
1146	"	Champaign Co. Printing Co.	Printing	7 25
1147	"	Rand, McNally Co.	Maps.	45 75
1148	"	Lydia M. Hart.	Work on charts	7 20
1149	"	Central Electric Co.	Arc globes, etc.	6 33
1150	"	Lyon & Healy	Music.	10 45
1151	"	Odin Coal Co.	Coal.	1,190 00
1152	"	James G. Biddle	Glass jars	35 49
1153	"	Walker & Mulliken.	Glass	9 10
1154	"	A. H. Andrews Co.	Desks and chairs	38 00
1155	"	Chicago Carpet Co.	Brass binding, etc.	52 44
1156	"	Champaign County Herald	Printing programs, etc.	74 34
1157	"	Chas. W. Groves	Directory, Illinois, 1898-99.	3 00
1158	"	John C. Trautwine, jr.	Proceedings.	1 75
1159	"	Powers Regulator Co.	Valve	12 00
1160	"	Walch & Wyeth.	Magnesia covering	123 79
1161	"	James B. Clow & Sons	Slate slab.	5 50
1162	"	Chicago Engineer Supply Co.	Steam traps.	31 50
1163	"	Eimer & Amend	Thermometers, etc.	16 11
1164	"	Chas. A. Schieren & Co.	Belt, etc.	2 70
1165	"	Kinsey & Mahler Co.	Casting	10 16
1166	"	Frankie Hardware Co.	Clamps, glass cutter, etc.	7 18
1167	"	Henry J. Green	Thermometers	7 42
1168	"	American Hard Rubber Co.	Tubing	1 41
1169	"	Fuller & Fuller Co.	Oil vitriol	4 48
1170	"	Chas. A. Strellinger Co.	Bench brushes.	23 11
1171	"	Peoria Steam Marble Works.	Switch board.	18 30
1172	"	J. B. Colt & Co.	Lantern carbons, etc.	69 25
1173	"	Medart Patent Pulley Co.	Shafting, etc.	61 10
1174	"	Ward Leonard Electric Co.	Rheostats	46 25
1175	"	Rider-Ericsson Engine Co.	Hot air engine	212 50
1176	"	Blue Print Dept., Univ. of Ill.	Blue printing, etc.	57 19
1177	"	B. F. Biggs Pump Co.	Galvanized steel tanks	17 85
1178	"	Riehle Bros. Testing Mach. Co.	Quartz, etc.	36 50
1179	"	Keuffel & Esser Co.	Steel tape, etc.	18 90
1180	"	Eugene Dietzgen Co.	Profile paper, etc.	14 90
1181	"	Gutta Percha & R'ber Mfg. Co.	Linen and cotton hose.	59 00
1182	"	Crosby St'm Gauge & Valve Co.	Pulleys and cards.	19 50
1183	"	Schaffer & Budenberg.	Cages, etc.	71 45
1184	"	Purdue Soc. of Civil Engineers	Transactions	1 00
1185	"	Callaghan & Co.	Books	5 25
1186	"	National Conference of Chari and Correction.	Proceedings.	1 25
1187	"	Mrs. Mary A. Bishop	Books.	12 50
1188	"	Edward Thompson Co.		3 00
1189	"	Gustav E. Stechert	Books, etc.	86 77
1190	"	Kenyon News & Postal Sub. Co.	Subscriptions	415 90
1191	"	Boston Book Co.	Books.	140 00
1192	"	A. C. McClurg & Co.		108 24
1193	"	Buff & Berger.	Meter.	144 00
1194	"	E. H. Renner & Bro.	Hauling coal	203 00
1195	"	Ozias Riley, P. M.	Postage stamps, etc.	51 16
1196	"	W. W. Lindley, P. M.	Postage stamps	25 50
1197	"	S. W. Shattuck, Business Mgr.	Sundry accounts paid	66 45
1198	"	"	Pay-roll, students, Nov., 1898.	266 15
1199	"	"	Pay-roll, Nov. 1898.	954 31
1200	"	"	Expressage	101 50
1201	Dec. 31	A. S. Draper.	Salary, December, 1898.	583 33
1202	"	T. J. Burrill		200 00
1203	"	S. W. Shattuck		166 66
1204	"	N. C. Ricker.		191 66
1205	"	Ira O. Baker.		187 50
1206	"	S. A. Forbes.		83 33
1207	"	C. W. Rolfe.		175 00
1208	"	D. McIntosh.		50 00
1209	"	A. N. Talbot.		175 00
1210	"	A. W. Palmer.		175 00
1211	"	F. F. Frederick		166 66
1212	"	S. W. Parr		175 00

*Warrants—Continued.*

No.	Date.	To whom.	For what.	Amount.
1213	1898.	H. J. Barton.....	Salary, December, 1898.....	175 00
1214	Dec. 31	C. M. Moss.....	" " " " " "	175 00
1215	"	D. K. Dodge.....	" " " " " "	166 66
1216	"	L. P. Breckenridge.....	" " " " " "	187 50
1217	"	D. Kinley.....	" " " " " "	187 50
1218	"	E. Davenport.....	" " " " " "	95 83
1219	"	Arnold Tompkins.....	" " " " " "	166 66
1220	"	A. P. Carman.....	" " " " " "	187 50
1221	"	W. H. Jones.....	" " " " " "	100 00
1222	"	E. B. Greene.....	" " " " " "	141 66
1223	"	C. C. Pickett.....	" " " " " "	175 00
1224	"	Katharine L. Sharp.....	" " " " " "	166 66
1225	"	G. T. Kemp.....	" " " " " "	166 66
1226	"	G. W. Myers.....	" " " " " "	153 33
1227	"	W. L. Drew.....	" " " " " "	166 66
1228	"	J. K. Shell.....	" " " " " "	133 33
1229	"	James M. White.....	" " " " " "	141 66
1230	"	L. A. Rhoades.....	" " " " " "	150 00
1231	"	W. D. Pence.....	" " " " " "	133 33
1232	"	William Esty.....	" " " " " "	133 33
1233	"	Violet D. Jayne.....	" " " " " "	133 33
1234	"	W. H. VanDervoort.....	" " " " " "	137 50
1235	"	H. S. Grindley.....	" " " " " "	108 33
1236	"	H. S. Piatt.....	" " " " " "	108 33
1237	"	A. H. Daniels.....	" " " " " "	108 33
1238	"	G. D. Fairfield.....	" " " " " "	108 33
1239	"	C. W. Tooke.....	" " " " " "	108 33
1240	"	F. A. Sager.....	" " " " " "	100 00
1241	"	Frank Smith.....	" " " " " "	116 66
1242	"	C. D. McLane.....	" " " " " "	100 00
1243	"	P. G. Holden.....	" " " " " "	54 16
1244	"	J. E. McGilvrey.....	" " " " " "	108 33
1245	"	J. D. Phillips.....	" " " " " "	83 33
1246	"	S. J. Temple.....	" " " " " "	100 00
1247	"	Oscar Quick.....	" " " " " "	83 33
1248	"	J. C. Blair.....	" " " " " "	50 00
1249	"	Alison M. Fernie.....	" " " " " "	116 66
1250	"	J. P. Hyland.....	" " " " " "	83 33
1251	"	T. W. Hughes.....	" " " " " "	100 00
1252	"	W. H. Browne, Jr.....	" " " " " "	100 00
1253	"	Jennette E. Carpenter.....	" " " " " "	90 00
1254	"	Geo. A. Huff.....	" " " " " "	123 00
1255	"	W. J. Fraser.....	" " " " " "	41 66
1256	"	C. R. Rose.....	" " " " " "	90 00
1257	"	Bertha M. Pillsbury.....	" " " " " "	80 00
1258	"	G. H. Meyer.....	" " " " " "	90 00
1259	"	Alice Putnam.....	" " " " " "	80 00
1260	"	Maude W. Straight.....	" " " " " "	75 00
1261	"	W. C. Brenke.....	" " " " " "	80 00
1262	"	C. T. Wilder.....	" " " " " "	80 00
1263	"	M. B. Hammond.....	" " " " " "	80 00
1264	"	H. L. Schoolcraft.....	" " " " " "	80 00
1265	"	N. C. Brooks.....	" " " " " "	70 00
1266	"	E. L. Milne.....	" " " " " "	80 00
1267	"	Martha J. Kyle.....	" " " " " "	70 00
1268	"	G. P. Clinton.....	" " " " " "	20 00
1269	"	Henry L. Coar.....	" " " " " "	100 00
1270	"	E. C. Schmidt.....	" " " " " "	75 00
1271	"	Jessie Y. Fox.....	" " " " " "	30 00
1272	"	G. D. Hubbard.....	" " " " " "	60 00
1273	"	C. V. Seastone.....	" " " " " "	60 00
1274	"	H. V. Carpenter.....	" " " " " "	60 00
1275	"	J. L. Sammis.....	" " " " " "	60 00
1276	"	H. W. Baum.....	" " " " " "	50 00
1277	"	A. P. Sy.....	" " " " " "	50 00
1278	"	C. W. Young.....	" " " " " "	50 00
1279	"	S. M. Lewis.....	" " " " " "	30 00
1280	"	John Nevins.....	" " " " " "	50 00
1281	"	E. C. Green.....	" " " " " "	50 00
1282	"	E. C. Oliver.....	" " " " " "	50 00
1283	"	H. C. Marble.....	" " " " " "	50 00
1284	"	Grace O. Edwards.....	" " " " " "	60 00
1285	"	Laura R. Gibbs.....	" " " " " "	50 00
1286	"	Elma Warwick.....	" " " " " "	50 00
1287	"	C. B. Clark.....	" " " " " "	85 00
1288	"	A. R. Curtiss.....	" " " " " "	85 00
1289	"	Henry Jones.....	" " " " " "	60 00



## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
1290	1898.			
1291	Dec. 31	J. H. Wilson.....	Salary, December, 1898.....	60 00
1292	"	Lucy H. Carson.....	"	30 00
1293	"	Emma E. Seibert.....	"	30 00
1294	"	Sarah L. Dewey.....	"	30 00
1295	"	H. C. Coffeen.....	"	30 00
1296	"	A. D. DuBois.....	"	10 00
1297	"	E. G. Howe.....	"	150 00
1298	"	Lillie A. Clendenin.....	"	70 00
1299	"	R. S. Douglass.....	"	80 00
1300	"	C. B. Randolph.....	"	80 00
1301	"	C. W. Alvord.....	"	90 00
1302	"	W. L. Pillsbury.....	"	162 50
1303	"	N. S. Spencer.....	"	100 00
1304	"	Lillie Heath.....	"	75 00
1305	"	Sue W. Ford.....	"	55 00
1306	"	L. A. Boice.....	"	55 00
1307	"	W. F. Marker.....	"	55 00
1308	"	Jennie M. Laffin.....	"	45 00
1309	"	Olive F. Saxton.....	"	45 00
1310	"	Jane E. Cook.....	"	20 00
1311	"	W. O. Waters.....	"	25 00
1312	"	Joe Morrow.....	"	75 00
1313	"	Chas. B. Ewalt.....	"	30 00
1314	"	W. H. Zimmerman.....	"	70 00
1315	"	H. Ewalt.....	"	60 00
1316	"	E. W. Justus.....	"	50 00
1317	"	Spencer Stuckey.....	"	50 00
1318	"	H. A. Thompson.....	"	75 00
1319	"	R. Uttenwiler.....	"	60 00
4320	"	Fred Atkinson.....	"	40 00
1321	"	M. T. Lindsey.....	"	40 00
1322	"	U. H. Allen.....	"	40 00
1323	"	Albert R. Lee.....	"	20 00
1324	"	Cl. V. Millar.....	"	75 00
1325	"	R. W. Stark.....	"	50 00
1326	"	Frank Spence.....	"	40 00
1327	"	Pearl Adams.....	"	40 00
1328	"	W. R. Hoffman.....	"	37 00
1329	"	L. G. Lathrop.....	"	32 00
1330	"	J. J. Johnson.....	"	32 00
1331	"	E. A. Nelson.....	"	37 00
1332	"	A. McLaughlin.....	"	32 00
1333	"	A. E. Pound.....	"	32 00
1334	"	Frank Gleason.....	"	32 00
1335	"	Philip Schwehm.....	"	27 00
1336	"	D. McIntosh.....	"	75 00
1337	"	S. W. Shattuck, Business Mgr.	Salary, 3 months, to Dec. 31, 1898.....	100 00
1338	"	F. P. Pritchard.....	Salary, December, 1898.....	21 66
1339	"	A. S. Draper.....	Expenses to November 15, 1898.....	45 02
1340	"	J. H. Freeman.....	Expenses.....	7 50
1341	"	Walch & Heuck.....	Work on gas main.....	60 38
1342	"	Walker & Mullikin.....	Stools, etc.....	15 20
1343	"	J. H. Picknell, Sec'y.....	Share of stock in association, etc.....	27 50
1344	"	Baker & Adamson Chem. Co.....	Sulphuric acid, etc.....	28 20
1345	"	Knowlton & Bennett.....	Oil, balances, etc.....	28 13
1346	"	Tawman & Erbe Mfg. Co.....	Shannon files.....	34 88
1347	"	Albert Hahn.....	Collecting samples of water.....	10 75
1348	"	U. & C. Gas and Electric Co.....	Gas, 3 months, to November 24, 1898.....	541 66
1349	"	James D. Bruner.....	Salary and expenses.....	367 60
1350	"	Cunningham & Boggs.....	Fees and costs.....	76 67
1351	"	S. W. Shattuck.....	Expenses.....	48 98
1352	1900.			
1353	January 20	Alfred Bayliss.....	"	5 30
1354	"	J. E. Armstrong.....	"	14 00
1355	"	W. L. Pillsbury.....	"	9 96
1356	"	L. P. Breckenridge.....	For services as engineer.....	331 25
1357	"	S. J. Temple.....	Services as architect.....	40 00
1358	"	E. G. Keith.....	Salary for clerk, 3 months.....	150 00
1359	"	Gertrude Shawhan.....	Services in December, 1898.....	25 00
1360	"	Arthur W. Palmer.....	Expenses.....	11 06
1361	"	S. A. Forbes.....	"	7 57
1362	"	Ira O. Baker.....	"	3 16
1363	"	C. V. Millar.....	Petty expenses.....	10 50
1364	"	Katharine L. Sharp.....	Telegrams.....	1 60
1365	"	<i>The Illini</i> .....	Subscription, etc.....	125 00
1366	"	B. F. Sturtevant Co.....	Slide valve.....	16 75
1367	"	Dunlap & Wright.....	Plumbing.....	28 60
1368	"	J. B. Colt & Co.....	Lantern.....	48 00

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
	1899.			
1367	January 20	Ingersoll-Sargent Drill Co.....	Air compressor, etc.....	\$380 00
1368	"	Andrews & Church.....	Cross section paper, etc.....	19 00
1369	"	H. W. Johns Mfg. Co.....	Paper.....	24 40
1370	"	S. L. Sheldon.....	Lantern slides.....	71 70
1371	"	C. & U. Phoenix Telephone Co.....	Services to March 15, 1899.....	36 00
1372	"	Central Union Telephone Co.....	31.....	15 50
1373	"	E. H. Renner & Bro.....	Hauling coal, etc.....	184 60
1374	"	Ozias Riley, P. M.....	Postage stamps.....	50 00
1375	"	W. W. Lindley, P. M.....	.....	35 00
1376	"	Harry D. Oldham.....	Paraffin.....	1 10
1377	"	O. S. Blakeslee.....	Repairing bomb.....	3 50
1378	"	Eugene Dietzgen Co.....	Paper cloth.....	11 81
1379	"	Arcade File Works.....	File.....	13 59
1380	"	Westinghouse, Church Kerr Co.....	Grates.....	13 95
1381	"	Hodge & Homer Co.....	Steel clamps.....	27 76
1382	"	Garlock Packing Co.....	Packing, etc.....	51 13
1383	"	Union Mfg. Co.....	Water rent to April 1, 1899.....	250 00
1384	"	Chicago Engineer Supply Co.....	Steam trap.....	21 00
1385	"	Otto Gas Engine Works.....	Gas bag.....	6 00
1386	"	J. Manz & Co.....	Half tones, etc.....	26 67
1387	"	American Inst. of Elect. Engrs.....	Volumes 5-14.....	34 50
1388	"	Geo. Harding & Sons.....	Books.....	6 00
1389	"	Association of Civil Engineers.....	Transactions.....	4 00
1390	"	E. G. Vaile.....	Directory.....	1 00
1391	"	Champaign Co. Printing Co.....	Printing envelopes, etc.....	106 87
1392	"	Culver Marble & Stone Co.....	Stone posts.....	150 00
1393	"	Ft. Wayne Elect Corporation.....	Lamps.....	42 00
1394	"	Union Tile Co.....	Tile.....	38 20
1395	"	Geo. H. Strahl.....	Incubator.....	21 60
1396	"	Queen & Co.....	Tuning forks.....	20 00
1397	"	Odin Coal Co.....	Coal.....	668 00
1398	"	S. W. Shattuck, Business Mgr.....	Sundry accounts paid.....	45 15
1399	"	"	Pay-roll of students, December, 1898.....	229 94
1400	"	"	Pay-roll of men, December, 1898.....	919 97
1401	January 31	A. S. Draper.....	Salary, January, 1899.....	583 33
1401	"	T. J. Burrill.....	"	200 00
1403	"	S. W. Shattuck.....	"	166 66
1404	"	N. C. Ricker.....	"	151 66
1405	"	Ira O. Baker.....	"	187 50
1406	"	S. A. Forbes.....	"	83 33
1407	"	C. W. Rolfe.....	"	175 00
1408	"	D. McIntosh.....	"	50 00
1409	"	A. N. Talbot.....	"	175 00
1410	"	A. W. Palmer.....	"	175 00
1411	"	F. F. Frederick.....	"	166 66
1412	"	S. W. Parr.....	"	175 00
1413	"	H. J. Barton.....	"	175 00
1414	"	C. M. Moss.....	"	175 00
1415	"	D. K. Dodge.....	"	166 66
1416	"	L. P. Breckenridge.....	"	187 50
1417	"	David Kinley.....	"	187 50
1418	"	E. Davenport.....	"	95 83
1419	"	Arnold Tompkins.....	"	166 66
1420	"	A. P. Carman.....	"	187 50
1421	"	W. H. Jones.....	"	100 00
1422	"	E. B. Greene.....	"	141 66
1423	"	C. C. Pickett.....	"	175 00
1424	"	Katharine L. Sharp.....	"	166 66
1425	"	G. T. Kemp.....	"	166 66
1426	"	G. W. Myers.....	"	58 33
1427	"	W. L. Drew.....	"	166 66
1428	"	J. K. Shell.....	"	133 33
1429	"	James M. White.....	"	141 66
1430	"	L. A. Rhoades.....	"	150 00
1431	"	W. D. Pence.....	"	133 33
1432	"	William Esty.....	"	133 33
1433	"	Violet D. Jayne.....	"	133 33
1434	"	W. H. VanDervoort.....	"	137 50
1435	"	H. S. Grindley.....	"	108 33
1436	"	H. S. Piatt.....	"	108 33
1437	"	A. H. Daniels.....	"	108 33
1438	"	G. D. Fairfield.....	"	108 33
1439	"	C. W. Tooke.....	"	108 33
1440	"	F. A. Sager.....	"	100 00
1441	"	Frank Smith.....	"	116 66
1442	"	C. D. McLane.....	"	100 00
1443	"	P. G. Holden.....	"	54 16
1444	"	J. E. McGillevry.....	"	108 33

*Warrants—Continued.*

No.	Date.	To whom.	For what.	Amount.
1445	1899.	J. D. Phillips .....	Salary, January, 1899 .....	\$83 33
1446	January 31	S. J. Temple .....	" .....	100 00
1447	"	Oscar Quick .....	" .....	83 33
1448	"	J. C. Blair .....	" .....	50 00
1449	"	Alison M. Fernie .....	" .....	116 66
1450	"	J. P. Hyland .....	" .....	83 33
1451	"	T. W. Hughes .....	" .....	106 00
1452	"	W. H. Browne, Jr. ....	" .....	100 00
1453	"	Jennette E. Carpenter ..	" .....	90 00
1454	"	Geo. A. Huff .....	" .....	120 00
1455	"	W. J. Fraser .....	" .....	41 66
1456	"	C. R. Rose .....	" .....	90 00
1457	"	Bertha M. Pillsbury .....	" .....	80 00
1458	"	G. H. Meyer .....	" .....	90 00
1459	"	Alice Putnam .....	" .....	80 00
1460	"	Maude W. Straight .....	" .....	75 00
1461	"	W. C. Brenke .....	" .....	80 00
1462	"	C. T. Wilder .....	" .....	80 00
1463	"	M. B. Hammond .....	" .....	80 00
1464	"	H. L. Schoolcraft .....	" .....	80 00
1465	"	N. C. Brooks .....	" .....	70 00
1466	"	E. L. Milne .....	" .....	80 00
1467	"	Martha J. Kyle .....	" .....	70 00
1468	"	G. P. Clinton .....	" .....	20 00
1469	"	Henry L. Coar .....	" .....	100 00
1470	"	Edward C. Schmidt .....	" .....	75 00
1471	"	Jessie Y. Fox .....	" .....	30 00
1472	"	G. D. Hubbard .....	" .....	60 00
1473	"	C. V. Seastone .....	" .....	60 00
1474	"	H. V. Carpenter .....	" .....	60 00
1475	"	J. L. Sammis .....	" .....	60 00
1476	"	H. W. Baum .....	" .....	50 00
1477	"	A. P. Sy .....	" .....	50 00
1478	"	C. W. Young .....	" .....	50 00
1479	"	S. M. Lewis .....	" .....	30 00
1480	"	John Nevins .....	" .....	50 00
1481	"	E. C. Green .....	" .....	50 00
1482	"	E. C. Oliver .....	" .....	50 00
1483	"	H. C. Marble .....	" .....	50 00
1484	"	Grace O. Edwards .....	" .....	60 00
1485	"	Laura R. Gibbs .....	" .....	50 00
1486	"	Elma Warwick .....	" .....	50 00
1487	"	C. B. Clark .....	" .....	85 00
1488	"	A. R. Curtiss .....	" .....	85 00
1489	"	Henry Jones .....	" .....	60 00
1490	"	J. H. Wilson .....	" .....	60 00
1491	"	Lucy H. Carson .....	" .....	30 00
1492	"	Emma E. Seibert .....	" .....	30 00
1493	"	Sarah L. Dewey .....	" .....	30 00
1494	"	H. C. Coffeen .....	" .....	30 00
1495	"	A. D. DuBois .....	" .....	10 00
1496	"	E. G. Howe .....	" .....	150 00
1497	"	Lillie A. Clendenin .....	" .....	70 00
1498	"	R. S. Douglass .....	" .....	80 00
1499	"	C. B. Handolph .....	" .....	80 00
1500	"	C. W. Alvord .....	" .....	90 00
1501	"	W. L. Pillsbury .....	" .....	162 50
1502	"	N. S. Spencer .....	" .....	100 00
1503	"	Lillie Heath .....	" .....	75 00
1504	"	Sue W. Ford .....	" .....	55 00
1505	"	L. A. Boice .....	" .....	55 00
1506	"	W. F. Marker .....	" .....	55 00
1507	"	Jennie M. Ladin .....	" .....	45 00
1508	"	Olive F. Saxton .....	" .....	45 00
1509	"	Gertrude Shawhan .....	" .....	50 00
1510	"	W. O. Waters .....	" .....	25 00
1511	"	Mrs. Martha B. Clark .....	" .....	60 00
1512	"	Joe Morrow .....	" .....	75 00
1513	"	Chas. B. Ewalt .....	" .....	30 00
1514	"	W. H. Zimmerman .....	" .....	52 50
1515	"	H. Ewalt .....	" .....	60 00
1516	"	E. W. Justus .....	" .....	50 00
1517	"	Spencer Stuckey .....	" .....	50 00
1518	"	H. A. Thompson .....	" .....	75 00
1519	"	R. Uttenwiler .....	" .....	60 00
1520	"	Fred Atkinson .....	" .....	40 00
1521	"	M. T. Lindsey .....	" .....	40 00
1522	"	I. H. Allen .....	" .....	40 00

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
	1899.			
1523	January 31	Albert R. Lee.....	Salary, January, 1899.....	\$20 00
1524	"	Frank Spencer.....	" ".....	40 00
1522	"	Pearl Adams.....	" ".....	40 00
1526	"	W. R. Hoffman.....	" ".....	37 00
1527	"	L. G. Lathrop.....	" ".....	32 00
1528	"	J. J. Johnson.....	" ".....	32 00
1529	"	E. A. Nelson.....	" ".....	37 00
1530	"	A. McGlaughlin.....	" ".....	32 00
1531	"	A. E. Pound.....	" ".....	32 00
1532	"	Frank Gleason.....	" ".....	32 60
1533	"	Philip Schwehm.....	" ".....	27 00
1534	"	C. V. Millar.....	" ".....	75 00
1535	"	R. W. Stark.....	" ".....	50 00
1536	"	D. McIntosh.....	" ".....	75 00
1537	"	T. P. Pritchard.....	" ".....	21 66
1538	"	Woodward & Morrison.....	Rent of land.....	25 00
1539	"	Samuel Bartley.....	" ".....	10 00
1540	"	Library Bureau.....	Wood cases, slips, etc.....	37 17
1541	"	Walch & Wyeth.....	Magnesia covering.....	6 54
1542	"	<i>The Farmer's Voice</i> .....	Advertisement.....	5 00
1543	"	Am. Ry. Master Mech. Ass'n.....	Annual reports.....	27 00
1544	"	Burrows Bros. Co.....	Books.....	7 00
1545	"	Callaghan & Co.....	" ".....	68 30
1546	"	Spore & Chamberlain.....	Book.....	9 00
1547	"	Queen & Co.....	Lacquer.....	3 00
1548	"	Medart Patent Pulley Co.....	Pulley.....	1 35
1549	"	Boston Gear Works.....	Brass wire.....	1 70
1550	"	Central Electric Co.....	Wire, etc.....	35 64
1551	"	L. E. Knott Apparatus Co.....	Thermometers.....	15 18
1552	"	Western Electric Co.....	Wire, batteries, etc.....	19 18
1553	"	A. M. & L. A. Terwilliger.....	Copper cans, etc.....	1 65
1554	"	Wm. Miesbach & Co.....	Hardware.....	10 42
1555	"	Standard Oil Co.....	Oil.....	20 20
1556	"	Whitall, Tatam & Co.....	Chemicals, etc.....	45 41
1557	"	Fuller & Fuller Co.....	Alcohol.....	31 82
1558	"	Donohue & Henneberry.....	Book.....	6 95
1559	"	W. W. Walls Co.....	Lumber.....	7 85
1560	"	Crosby Ste'm Ga'ge & Valve Co.....	Gas engine valve.....	60 00
1561	"	W. E. Rumsey.....	Lantern slides.....	14 35
1562	"	Lintner & Sporgborg.....	Speed indicator.....	5 00
1563	"	Hyden & Derby Mfg. Co.....	Automatic injector.....	10 00
1564	"	C. Munson Belting Co.....	Belting.....	34 96
1565	"	Keuffel & Esser Co.....	Paper triangles, etc.....	40 95
1566	"	Shea, Smith & Co.....	Stapling tool.....	2 10
1567	"	Crane Co.....	Tables for pumps.....	4 50
1568	"	Campbell & Spalding Co.....	Shoeing horses.....	3 00
1569	"	V. H. Park & Son.....	Guard tap.....	3 50
1570	"	Chas. A. Besore.....	Lumber.....	116 46
1571	"	Stewart Iron Works.....	Wire cages.....	98 00
1572	"	Orr & Lockett Hardware Co.....	Screens, etc.....	57 87
1573	"	J. D. Green.....	Corrugated iron, etc.....	64 05
1574	"	Yawman & Erbe Mfg. Co.....	Shannon cases.....	53 26
1575	"	Howe, Brown & Co.....	Tool steel.....	15 32
1576	"	Reading Hardware Co.....	Hooks, etc.....	5 65
1577	"	Cunningham Bros.....	Potash, etc.....	13 15
1578	"	E. Henry.....	Alcohol, etc.....	39 11
1579	"	Machinist Supply Co.....	Gear cutter and emery cloth.....	15 09
1580	"	Creamery Pkg. Mfg. Co.....	Creamery apparatus.....	30 46
1581	"	Sweet, Wallach & Co.....	Paper.....	1 10
1582	"	G. Cramer Dry Plate Works.....	Dry plates.....	16 65
1583	"	C. H. Russell & Co.....	Drawer pulls, etc.....	9 38
1584	"	Meacham & Wright.....	Cement.....	2 65
1585	"	P. E. Taintor.....	Broken stone.....	2 00
1589	"	G. C. Willis.....	Crush felt, etc.....	38 74
1587	"	Library Bureau.....	Binder.....	9 10
1588	"	Battle Creek Steam Pump Co.....	Pump fittings.....	10 95
1589	"	D. H. Lloyd & Son.....	Invoice books.....	13 00
1590	"	P. Ringer & Co.....	Binding periodicals.....	235 70
1591	"	Rensselaer Soc. of Engineers.....	Copies of proceedings.....	2 00
1592	"	I. M. Demmon.....	Books.....	5 75
1593	"	A. L. A. Pub. Section.....	Book.....	4 75
1594	"	John Wiley & Sons.....	" ".....	2 67
1595	"	Kenyon News & Postal Sub. Co.....	Subscription.....	9 35
1596	"	Hubbard & Sons.....	Pipe, etc.....	9 13
1597	"	<i>Champaign Co. Herald</i> .....	Printing envelopes and circulars.....	104 26
1598	"	Boston Book Co.....	Books.....	355 00
1599	"	A. C. McClurg & Co.....	" ".....	72 80
1600	"	Gustav E. Stechert.....	" ".....	113 39

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
1601	1899	Sheldon Brick Co.	Sand	\$3 20
1602	January 31	Alexander Lumber Co.	Lumber	17 24
1603	"	W. S. Royal	Oil	3 25
1604	"	William Price Estate	Glue and brushes	8 90
1605	"	T. H. Trevett	Galvanized iron, etc	58 00
1606	"	Robinson & Burr	Pipe fittings, etc	15 41
1607	"	<i>The Gazette</i>	Printing blanks, etc	31 79
1608	"	C. Machine & Supply Co	Fittings, etc	62 64
1609	"	Electric Appliance Co.	Recording board, etc	14 69
1610	"	John A. Roebling's Sons	Rubber strand	8 25
1611	"	American Elect. Telephone Co.	Receivers	2 50
1612	"	Henry Taylor Lumber Co.	Cases	110 50
1613	"	T. J. Smith	Expenses	15 50
1614	"	C. E. Kremer	Expenses of lectures	11 50
1615	"	H. M. Shuck & Co	Hardware	18 90
1616	"	A. A. Spfung	Frogs	2 00
1617	"	C. & U. Phoenix Telephone Co.	Telephones	14 00
1618	"	Alex. Neilsen	Necturus	2 50
1619	"	R. W. Stark	Petty expenses	5 50
1620	"	Gustav Fischer	Books	1 20
1621	"	R. Freidlander & Son		1 59
1622	"	S. W. Shattuck, business mgr.	Expressage	31 16
1623	"	"		77 67
1624	"	"	Freightage	69 00
1625	"	"		73 98
1626	"	Cunningham Bros	Paper, etc	63 50
1627	"	W. W. Walls & Co	Lumber	19 95
1628	"	Richards & Co	Platinum wire, bottles, etc	24 82
1629	"	H. Hell Chemical Co.	Test tubes, forceps, etc	52 44
1630	"	H. McFadden & Bros	Cotton mop, etc	16 83
1631	"	Yale & Towne Mfg. Co	Blank keys	1 49
1632	"	Baker & Adamson Chem. Co.	Filters	4 79
1633	"	Robinson & Burr	Gas generator	2 50
1634	"	J. D. Phillips	Labels	1 50
1635	"	W. S. Royal	Oil	4 95
1636	"	T. H. Trevett	Repairs	1 25
1637	"	Empire Steam Laundry	Washing towels	2 51
1638	"	E. Barr	Cherry lumber	10 29
1639	"	Frank S. Snyder	Rent of piano	3 00
1640	"	Ass'n's Am. Agrl. Coll. & Expt. Stations	Membership for 1898-9	10 00
1641	"	Arthur W. Palmer	Expenses	1 20
1642	"	Eugene Dietzgen Co.	Paper	6 40
1643	"	J. W. Butler Paper Co.		19 96
1644	"	F. K. Robeson & Bro.	Crash	23 15
1645	"	H. A. Hyatt	Lamp	2 00
1646	"	Rand-McNally Co	Case	2 50
1647	"	<i>The Gazette</i>	Printing, etc	102 90
1648	"	Ass'n of Ry. Supts. of Bridges and Buildings	Proceedings	4 00
1646	"	Boston Book Co.	Books	135 00
1650	"	Eng'rs' Society, Univ. of Minn.	Year Book	3 00
1651	Feb. 15	Central Railway Club	Reports	4 50
1652	"	Prang Educational Co.	Squares, plinths, etc	6 79
1653	"	G. W. Myers	Publications	31 80
1654	"	Estate of Al. T. Noyes	Reports	14 25
1655	"	Edward Thompson Co.	Encyclopedia of Law	6 30
1656	"	R. R. Bowker	Subscription, etc	76 50
1657	"	T. H. Castor & Co.	Index	2 82
1658	"	Callaghan & Co.	Reports	2 30
1659	"	Burrows Bros. Co	Books	7 00
1660	"	Street Ry. Pub. Co.	Copies of Journal	28 00
1661	"	Houghton, Mifflin & Co	Book	25 00
1662	"	Henry Holt & Co.	Publications	26 00
1663	"	A. C. McClurg & Co	Books and paper	37 00
1664	"	G. E. Stechert	Books	115 96
1665	"	University of Chicago	Reprints	29 35
1666	"	Public School Pub. Co.	Advertising, February, 1899	12 50
1667	"	Lyon & Healy	Tuning pianos	12 50
1668	"	Shea, Smith & Co	Order books, stationery, etc	5 10
1669	"	L. P. Breckenridge	Expenses	22 60
1670	"	Champaign Co. Printing Co.	Printing	11 60
1671	"	Hayes, Cooke & Co.	Book	37 50
1672	"	Sheldon Brick Co.	Brick and sand	10 20
1673	"	Chas. A. Strelinger Co.	Tubes, steel, etc	18 66
1674	"	Henry J. Green	Thermometers	5 40
1675	"	C. A. Besore	Lumber, posts, etc	49 07
1676	"	John A. Brashear	Parallel plates, etc	33 0

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
1677	Feb. 15 1899	Wm. J. Bohm	Tubes, etc.	\$9 35
1678	"	Falls Rivet & Machinery Co.	Shafting, etc.	87 40
1679	"	John A. Roebeling's Sons	Wire	20 63
1680	"	Queen & Co.	Candles	5 00
1681	"	Western Electric Inst. Co.	Multiplier, etc.	139 50
1682	"	Central Electric Co.	Lamp cord, etc.	5 33
1683	"	Library Bureau	Cards, etc.	32 20
1684	"	Lunkenheimer Co.	Valves, glass cups, etc.	6 23
1685	"	Chicago Pneumatic Tool Co.	Drill	75 00
1686	"	Crosby Steam Gauge & V. Co.	Gauges	14 40
1687	"	Boyer Ry. Speed Recorder Co.	Changing gears, etc.	5 00
1688	"	Lee-Penberthy Mfg. Co.	Injector	6 00
1689	"	J. E. McGilvrey	Expenses	100 57
1690	"	F. F. Frederick		18 60
1691	"	Bausch & Lomb Optical Co.	Jars, etc.	17 53
1692	"	Western Electric Co.	Wire	4 91
1693	"	Illinois Glass Co.	Bottles	19 25
1694	"	D. H. Lloyd & Son	Repairing piano, etc.	3 50
1695	"	C. A. Kofoid	Expenses	1 00
1696	"	A. G. Spalding & Bro.	Basket ball, etc.	10 35
1697	"	Narragansett Mach. Co.	Pulley block, etc.	3 88
1698	"	Babcock & Wilcox Co.	Expander	52 75
1699	"	N. O. Nelson Mfg. Co.	Pipe, tees, etc.	144 48
1700	"	L. M. Rumsey Mfg. Co.	Cotton waste	8 38
1701	"	Cleveland Twist Drill Co.	Drills	22 94
1702	"	Paxton Hardware Mfg. Co.	Nickel plating	1 20
1703	"	S. J. Wells	Scratch brush	5 00
1704	"	Orr & Lockett Hardware Co.	Screws	28 31
1705	"	Machinist Supply Co.	Brass	6 49
1706	"	Howe, Browne & Co.	Tool	18 02
1707	"	S. C. Tucker	Alcohol	14 62
1708	"	H. Swannell & Son	Brushes, oils, etc.	73 23
1709	"	Chicago Engineer Supply Co.	Valves, etc.	30 47
1710	"	S. C. Johnson	Prepared wax, etc.	12 70
1711	"	Standard Oil Co.	Oils	33 46
1712	"	Electric Appliance	Brackets	12 13
1713	"	C. Machine & Supply Co.	Fittings, etc.	128 44
1714	"	Alexander Lumber Co.	Lumber	132 74
1715	"	Junction Mining Co.	Coal	24 40
1716	"	E. H. Renner & Bro.	Hauling coal, etc.	137 30
1717	"	Odin Coal Co.	Coal	561 00
1718	"	<i>The 1900 Illio</i>	For annual appropriation	100 00
1719	"	S. W. Shattuck, business mgr.	Expressage	52 01
1720	"	"	Express	17 60
1721	"	"	Pay-roll of men, January, 1899	980 45
1722	"	"	students, January, 1899.	282 54
1723	"	W. W. Lindley, P. M.	Postage stamps	43 00
1724	"	Ozias Riley, P. M.	"	40 00
1725	"	S. W. Shattuck, business mgr.	Taxes on Minnesota lands	122 18
1726	"	A. S. Draper	Salary, February, 1899.	583 33
1727	"	T. J. Burrill	"	200 00
1728	"	S. W. Shattuck	"	166 66
1729	"	N. C. Ricker	"	191 66
1730	"	Ira C. Baker	"	187 50
1731	"	S. A. Forbes	"	83 33
1732	"	C. W. Rolfe	"	175 00
1733	"	D. McIntosh	"	50 00
1734	"	A. N. Talbot	"	175 00
1735	"	A. W. Palmer	"	175 00
1736	"	F. F. Frederick	"	166 66
1737	"	S. W. Parr	"	175 00
1738	"	H. J. Barton	"	175 00
1739	"	C. M. Moss	"	175 00
1740	"	D. K. Dodge	"	166 66
1741	"	L. P. Breckenridge	"	187 50
1742	"	David Kinley	"	187 50
1743	"	E. Davenport	"	95 83
1744	"	Arnold Hopkins	"	166 66
1745	"	A. P. Carman	"	187 50
1746	"	W. H. Jones	"	100 00
1747	"	E. B. Greene	"	141 66
1748	"	C. C. Pickett	"	175 00
1749	"	Katharine L. Sharp	"	166 66
1750	"	G. T. Kemp	"	166 66
1751	"	G. W. Myers	"	158 33
1752	"	W. L. Drew	"	166 66
1753	"	J. K. Shell	"	133 33
1754	"	James M. White	"	141 66

*Warrants—Continued.*

No.	Date.	To whom.	For what.	Amount.
1755	1899	L. A. Rhoades.....	Salary, February, 1899.....	150 00
1756	Feb. 28	W. D. Pence.....	"	133 33
1757	"	Wm Esty.....	"	133 33
1758	"	Violet D. Jayne.....	"	133 33
1759	"	W. H. VanDervoort.....	"	137 50
1760	"	H. S. Grindley.....	"	108 33
1761	"	H. S. Piatt.....	"	108 33
1762	"	A. H. Daniels.....	"	108 33
1763	"	G. D. Fairfield.....	"	108 33
1764	"	C. W. Tooke.....	"	108 33
1765	"	F. A. Sager.....	"	109 00
1766	"	Frank Smith.....	"	116 66
1767	"	C. D. McLane.....	"	100 00
1768	"	P. G. Holden.....	"	54 16
1769	"	J. E. McGilvrey.....	"	108 33
1770	"	J. P. Phillips.....	"	83 33
1771	"	S. J. Temple.....	"	100 00
1772	"	Oscar Quick.....	"	83 33
1773	"	J. C. Blair.....	"	50 00
1774	"	Alison M. Fernie.....	"	116 66
1775	"	J. P. Hylan.....	"	83 33
1776	"	T. W. Hughes.....	"	109 00
1777	"	Wm. H. Browne, Jr.....	"	100 00
1778	"	Jennette E. Carpenter.....	"	90 30
1779	"	Geo. A. Huff.....	"	120 00
1780	"	W. J. Fraser.....	"	41 66
1781	"	C. R. Rose.....	"	90 00
1782	"	Bertha M. Pillsbury.....	"	80 00
1783	"	G. H. Meyer.....	"	90 00
1784	"	Alice Putnam.....	"	80 00
1785	"	Maude W. Straight.....	"	75 00
1786	"	W. C. Brenke.....	"	80 00
1787	"	C. T. Wilder.....	"	80 00
1788	"	M. B. Hammond.....	"	80 00
1789	"	H. L. Schoolcraft.....	"	80 00
1790	"	N. C. Brooks.....	"	70 00
1781	"	E. L. Milne.....	"	80 00
1782	"	Martha J. Kyle.....	"	70 00
1793	"	G. P. Clinton.....	"	20 00
1794	"	Henry L. Coar.....	"	100 00
1795	"	Edward C. Schmidt.....	"	75 00
1796	"	Jessie Y. Fox.....	"	30 00
1797	"	G. H. Hubbard.....	"	60 00
1798	"	C. V. Seastone.....	"	60 00
1799	"	H. V. Carpenter.....	"	60 00
1800	"	J. L. Sammis.....	"	60 00
1801	"	H. W. Baum.....	"	33 33
1802	"	A. P. Sy.....	"	50 00
1803	"	C. W. Young.....	"	50 00
1804	"	S. M. Lewis.....	"	30 00
1805	"	John Nevins.....	"	50 00
1806	"	E. C. Green.....	"	50 00
1807	"	E. C. Oliver.....	"	50 00
1808	"	H. C. Marble.....	"	50 00
1809	"	Grace C. Edwards.....	"	60 00
1810	"	Laura R. Gibbs.....	"	50 00
1811	"	Elma Warwick.....	"	50 00
1812	"	C. B. Clark.....	"	85 00
1813	"	A. R. Curtiss.....	"	85 00
1814	"	Henry Jones.....	"	60 00
1815	"	J. H. Wilson.....	"	60 00
1816	"	Lucy H. Carson.....	"	30 00
1817	"	Emma E. Seibert.....	"	30 00
1818	"	Sarah L. Dewey.....	"	30 00
1819	"	H. C. Coffeen.....	"	30 00
1820	"	A. D. DuBois.....	"	10 00
1821	"	E. G. Howe.....	"	175 00
1822	"	Lillie A. Clendenin.....	"	70 00
1823	"	R. L. Douglass.....	"	80 00
1824	"	C. B. Randolph.....	"	80 00
1825	"	C. W. Alvord.....	"	90 00
1826	"	W. L. Pillsbury.....	"	162 50
1827	"	N. S. Spencer.....	"	100 00
1828	"	Lillie Heath.....	"	75 00
1829	"	Sue W. Ford.....	"	55 00
1830	"	L. A. Boice.....	"	55 00
1831	"	W. F. Marker.....	"	55 00
1832	"	Jennie M. Laffin.....	"	45 00

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
1833	1899	Olive F. Saxton .....	" "	45 00
1834	Feb. 28	Gertrude Shawhan .....	" "	50 00
1835	"	W. O. Waters .....	" "	50 00
1836	"	Martha B. Clark .....	" "	60 00
1837	"	Joe Morrow .....	" "	75 00
1838	"	Chas. B. Ewalt .....	" "	30 00
1839	"	Holmes Ewalt .....	" "	60 00
1840	"	E. W. Justus .....	" "	50 00
1941	"	Spencer Stuckey .....	" "	50 00
1842	"	H. A. Thompson .....	" "	75 00
1843	"	R. Uttenwiler .....	" "	60 00
1844	"	Fred Atkinson .....	" "	40 00
1845	"	M. T. Lindsey .....	" "	40 00
1846	"	I. H. Allen .....	" "	40 00
1847	"	Albert R. Lee .....	" "	20 00
1848	"	Frank Spence .....	" "	40 00
1849	"	Pearl Adams .....	" "	40 00
1850	"	W. R. Hoffman .....	" "	37 00
1851	"	L. G. Lathrop .....	" "	32 00
1852	"	J. J. Johnson .....	" "	32 00
1853	"	E. A. Nelson .....	" "	37 00
1854	"	A. McGlaughlin .....	" "	32 00
1855	"	A. E. Pound .....	" "	32 00
1856	"	Frank Gleason .....	" "	24 00
1857	"	Philip Schwelm .....	" "	27 00
1858	"	C. V. Millar .....	" "	75 00
1859	"	R. W. Stark .....	" "	50 00
1860	"	D. McIntosh .....	" "	75 00
1861	"	Susie K. Fay .....	" "	62 85
1862	"	Juliet Butler .....	" "	40 00
1863	"	F. P. Pritchard .....	" "	21 66
1864	"	A. W. Palmer .....	Salary, 3 months to date .....	25 00
1865	"	C. W. Tooke .....	Extra services in law school, <sup>1</sup> / <sub>2</sub> term .....	25 00
1866	"	D. McDonald & Co. ....	Meter .....	22 50
1867	"	Jewell Belting Co. ....	Leather belts .....	26 50
1868	"	<i>The Gazette</i> .....	Printing .....	17 25
1869	"	Kny, Scheerer & Co. ....	Models .....	146 00
1870	"	Paxton Hdw. Mfg. Co. ....	Nickel plating .....	2 30
1871	"	E. M. Burr & Co. ....	Discs, etc. ....	2 50
1872	"	E. H. Renner & Bro. ....	Hauling coal .....	72 00
1873	"	A. G. Spaulding & Bro. ....	Gymnasium apparatus .....	5 40
1874	"	S. W. Shattuck, business m'g'r	Sundry accounts paid .....	191 31
1875	"	"	Freight .....	439 82
1876	"	Wm. Price Estate .....	Putting glass in window .....	21 93
1877	"	Chas. A. Strelinger Co. ....	Drills, nuts, washers, etc. ....	7 27
1878	"	Boston Book Co. ....	Books .....	355 75
1879	"	Macmillan Co. ....	" .....	26 20
1880	"	Wm. W. Bishop .....	" .....	25 40
1881	"	B. T. Batsford .....	" .....	227 14
1882	"	A. C. McClurg & Co. ....	" .....	28 81
1883	"	Burrows Bros. Co. ....	" .....	7 00
1884	"	D. Appleton & Co. ....	Subscriptions .....	5 00
1885	"	Chas. H. Besly & Co. ....	Bolts, rods, etc. ....	9 23
1886	"	West Pub. Co. ....	Subscription .....	38 75
1887	"	Electric Appliance Co. ....	Cleats, wire, etc. ....	16 49
1888	"	General Electric Co. ....	Transformers .....	111 25
1889	"	Central School Supply House.	Balances .....	14 00
1890	"	F. M. McMurtry .....	Salary, August, 1894 .....	166 66
1891	"	Henry Heil Chemical Co. ....	Copper trays, etc. ....	38 76
1892	"	Western Elec. Inst. Mfg. Co. ....	Voltmeter, etc. ....	24 35
1893	"	Western Electrical Co. ....	Switch .....	3 64
1894	"	Junction Mining Co. ....	Coal .....	12 00
1895	"	C. A. Besore .....	" .....	917 39
1896	"	Globe Garbon Co. ....	Carbons .....	37 00
1897	"	<i>The Illini</i> .....	Appropriation .....	125 00
1898	"	Chas. Munson Belting Co. ....	Belt .....	62 13
1899	"	Callaghan & Co. ....	Books .....	12 00
1900	"	Boston Book Co. ....	" .....	115 35
1901	March 10	D. R. Swisher Mfg. Co. ....	Hand stamp, etc. ....	2 65
1902	"	H. McFadden & Bro. ....	Cotton mops, etc. ....	22 83
1903	"	Yale & Towne Mfg. Co. ....	Blank keys .....	4 24
1904	"	Henry Heil Chemical Co. ....	Chemical apparatus, etc. ....	199 73
1905	"	Richards & Co. ....	Wire filter paper .....	26 10
1906	"	G. M. Mayer Model & Mch. Wks	Alenometers .....	12 90
1907	"	E. G. Howe .....	Expenses .....	10 21
1908	"	Champaign County Printing Co	Printing letterheads, etc. ....	12 00
1909	"	<i>Champaign County Herald</i> .....	Printing programs, etc. ....	42 28
1910	"	Machine & Supply Co. ....	Pipe, fittings, etc. ....	70 08



## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount
1911	1899			
1911	March 10	Link Belt Machiners Co.....	Bevel pinion.....	2 40
1912	"	Johnson & Johnson.....	Bandages, etc.....	9 88
1913	"	R. W. Stark.....	Expenses.....	4 15
1914	"	Whitall, Tatum & Co.....	Bottles.....	5 95
1915	"	F. Ringer & Co.....	Binding, etc.....	189 20
1916	"	Sarah E. Price.....	Book.....	7 50
1917	"	Lemke & Beuchner.....	Books.....	1 01
1918	"	The Engineers' Magazine.....	Subscription.....	1 25
1919	"	Ginn & Co.....	Book.....	2 00
1920	"	Henry A. Dreer.....	Seeds.....	12 30
1921	"	V. H. Parker & Son.....	Chimney top.....	3 50
1922	"	Otto Gas Engine Works.....	Gasoline engine.....	500 00
1923	"	Sherwood Mfg. Co.....	Injector.....	12 50
1924	"	Hancock Inspirator Co.....		18 50
1925	"	Bausch & Lomb Optical Co.....	Objective, etc.....	25 88
1926	"	Boston Gear Works.....	Gears.....	1 70
1927	"	Electric Appliance Co.....	Wire, etc.....	5 86
1928	"	Alfred L. Robbins Co.....	Magnetic compasses.....	1 22
1929	"	Fuller & Fuller Co.....	Mercury, etc.....	20 55
1930	"	Gresham & Lloyd.....	Relays, etc.....	23 75
1931	"	Chas. A. Strelinger Co.....	Tubes, rods, etc.....	11 73
1932	"	Peoria Steam Markle Works.....	Slate slab.....	3 00
1933	"	J. D. Green.....	Pipe, etc.....	8 75
1934	"	Wm. Price estate.....	Paint and bronze.....	42 64
1935	"	Utica Steam Gage Co.....	Valve.....	3 10
1936	"	Library Bureau.....	Cards.....	8 55
1937	"	Crane Co.....	Pipe, flanges, etc.....	10 58
1938	"	Jones & Laughlins.....	Steel.....	2 05
1939	"	Riehle Bros. Testing Mach. Co.....	Testing machine.....	200 00
1940	"	National Self-Winding Clo'k Co.....	Synchronizing clocks.....	149 00
1941	"	Western Bank Note & Eng. Co.....	Diplomas.....	166 25
1942	"	Wabash Coal Co.....	Coal.....	14 67
1943	"	Standard Oil Co.....	Oil.....	25 55
1944	"	Hugo Reisinger.....	Carbons.....	2 21
1945	"	Eimer & Amend.....	Thermometers, tubing, etc.....	65 05
1946	"	E. H. Renner & Bro.....	Hauling coal.....	120 00
1947	"	Woodside Coal Co.....	Coal.....	280 08
1948	"	I. S. Raymond.....	Expenses.....	31 85
1949	"	J. E. McGilvrey.....		20 23
1950	"	National Geographic Society.....	Publications.....	3 00
1951	March 15	Alex McLean.....	Expenses.....	60 96
1952	"	F. M. McKay.....		50 53
1953	"	Alfred Bayliss.....	"	5 32
1954	"	A. F. Nightingale.....	"	19 60
1955	"	Alice A. Abbott.....	"	18 00
1956	"	Fred Hatch.....	"	20 80
1957	"	James E. Armstrong.....	"	3 50
1958	"	W. L. Pillsbury.....	"	9 11
1959	"	Twin City Elect. Co.....	Work on armature.....	10 95
1960	"	Henry J. Green.....	Repairing barometer.....	5 00
1961	"	Geos Lithographing Co.....	Printing warrant books.....	13 00
1962	"	E. A. Robinson.....	Pipe.....	1 21
1963	"	F. K. Robeson & Bro.....	Crash.....	2 00
1964	"	Karlier Grocery Co.....	Matches.....	1 85
1965	"	H. M. Shuck & Co.....	Files, etc.....	1 05
1966	"	Harry & Hanes.....	Meat.....	4 50
1967	"	Knowlton & Bennett.....	Paper.....	6 39
1968	"	C. H. Baddeley.....	Groceries.....	35 24
1969	"	H. Swannell & Son.....	Drugs, etc.....	6 20
1970	"	Chas. B. Hatch.....	Hotel bills.....	118 88
1971	"	T. H. Trevett.....	Speed indicators, etc.....	10 23
1972	"	H. T. Sperry & Son.....	Plate glass cut.....	8 06
1973	"	J. Carbutt.....	Process plates, slides, etc.....	35 70
1974	"	Francke Hdw. Co.....	Hardware.....	17 62
1975	"	S. L. Morris & C. H. Worden, Rec.....	Lamp parts.....	7 92
1976	"	Electric Appliance Co.....	Lamp cord, etc.....	23 75
1977	"	J. D. Green.....	Copper vessels.....	7 50
1978	"	Jones & Laughlins.....	Steel.....	2 01
1979	"	Eimer & Amend.....	Physical apparatus.....	211 68
1980	"	Queen & Co.....	Tube.....	15 00
1981	"	Fuller & Fuller Co.....	Blue vitriol.....	6 75
1982	"	G. C. Willis.....	Denims.....	1 90
1983	"	E. O. Vaile.....	Advertisement.....	30 00
1984	"	The Illini.....	Copies of publication.....	11 25
1985	"	Gross & Delbridge.....	Iodoform.....	2 25
1986	"	Bryant & McConney.....	Revolver.....	17 50
1987	"	Cunningham Bros.....	Process plates etc.....	29 85
1988	"	George Brooks.....	Water samples.....	10 21

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
1889	1899			
1889	March 15	Longmans, Green & Co.	Book	10 80
1890	"	Josephine E. Tilden.		30 00
1891	"	Clara E. Cummings.	Lichens	5 46
1892	"	Hartman & Braun.	Rheostadt, etc.	69 25
1893	"	J. E. McGilvrey.	Expenses.	20 27
1894	"	M. E. Kohler.	Equation machine.	70 00
1895	"	Alvan Clark & Son.	Photometer.	125 00
1896	"	J. M. Alcott & Son.	Sieve.	28 50
1897	"	W. F. & John Barns Co.	Tools, etc.	64 39
1898	"	Bausch & Lomb Optical Co.	Thermostadt, etc.	2 33
1899	"	D. H. Lloyd & Son.	Sheet music, paper, etc.	21 33
2000	"	<i>The Gazette</i> .	Printing, etc.	86 20
2001	"	Newton A. Wells.	For decorating rotunda.	250 00
2002	"	D. H. Burrill & Co.	Tester	12 00
2003	"	<i>Champaign Times</i> .	Printing blanks	1 50
2004	"	<i>"Illio 99"</i> .	Plates.	25 00
2005	"	Chas. A. Schieren & Co.	Cotton cord, etc.	12 30
2006	"	Central Electric Co.	Wirecord, etc.	65 44
2007	"	General Electric Co.	Voltmeter	22 50
2008	"	Murphy Iron Works.	Wheel.	9 25
2009	"	Link Belt Machinery Co.	Cross bars, pipes, etc.	13 15
2010	"	R. R. Bowker.	Book.	3 50
2011	"	Burrows Bros. Co.	Books.	7 00
2012	"	T. H. Flood & Co.	Law books	221 50
2013	"	Lemcke & Buechner.	Subscription	4 78
2014	"	Am. Inst. Mining Engineers.	Transactions.	10 00
2015	"	Boston Book Co.	Books.	210 50
2016	"	Callaghan & Co.	Law books, etc.	12 25
2017	"	A. C. McClurg & Co.	Books, etc.	38 69
2018	"	G. E. Stechert.	Books.	85 31
2019	"	E. H. Renner & Bro.	Hauling coal	49 40
2020	"	Ozias Riley, P. M.	Stamps	103 00
2021	"	S. W. Shattuck, Business Mgr.	Sundry accounts paid	92 64
2022	"	S. W. Shattuck, Business Mgr.	Freight	207 24
2023	"	S. W. Shattuck, Business Mgr.	Express	73 20
2024	"	S. W. Shattuck, Business Mgr.	Students' pay rolls	245 61
2025	"	S. W. Shattuck, Business Mgr.	Mens's pay rolls	894 90
2026	"	A. S. Draper.	Salary, March, 1899.	583 33
2027	30	T. J. Burrill.		200 00
2028	"	S. W. Shattuck.		166 66
2029	"	N. C. Ricker.		191 66
2030	"	Ira C. Baker.		187 50
2031	"	S. A. Forbes.		83 33
2032	"	C. W. Rolfe.		175 00
2033	"	D. McIntosh.		50 00
2034	"	A. N. Talbot.		175 00
2035	"	A. W. Palmer.		175 00
2036	"	F. F. Frederick.		166 66
2037	"	S. W. Parr.		175 00
2038	"	H. J. Barton.		175 00
2039	"	C. M. Moss.		175 00
2040	"	D. K. Dodge.		166 66
2041	"	L. P. Breckenridge.		187 50
2042	"	David Kinley.		187 50
2043	"	E. Davenport.		95 83
2044	"	Arnold Tompkins.		166 66
2045	"	A. P. Carman.		187 50
2046	"	W. H. Jones.		100 00
2047	"	E. B. Greene.		141 66
2048	"	C. C. Pickett.		175 00
2049	"	Katharine L. Sharp.		166 66
2050	"	G. T. Kemp.		166 66
2051	"	G. W. Myers.		158 33
2052	"	W. L. Drew.		166 66
2053	"	J. K. Shell.		133 33
2054	"	James M. White.		141 66
2055	"	L. A. Rhoades.		150 00
2056	"	W. D. Pence.		133 33
2057	"	Wm. Esty.		133 33
2058	"	Violet D. Jayne.		133 33
2059	"	W. H. Van Dervoort.		137 50
2060	"	H. S. Grindley.		108 33
2061	"	H. S. Platt.		108 33
2062	"	A. H. Daniels.		108 33
2063	"	G. D. Fairfield.		108 33
2064	"	C. W. Tooke.		108 33
2065	"	F. A. Sager.		100 00
2066	"	Frank Smith.		116 66

*Warrants—Continued.*

No.	Date.	To whom.	For what.	Amount.
	1899			
2067	March 30	C. D. McLane.....	Salary, March, 1899.....	100 00
2068	"	P. G. Holden.....	"	54 16
2069	"	J. E. McGilvrey.....	"	108 33
2070	"	J. D. Phillips.....	"	83 33
2071	"	S. J. Temple.....	"	100 00
2072	"	Oscar Quick.....	"	83 33
2073	"	J. O. Blair.....	"	50 00
2074	"	Alison M. Fernie.....	"	116 66
2075	"	J. P. Hyland.....	"	83 33
2076	"	T. W. Hughes.....	"	104 00
2077	"	Wm. H. Browne, Jr.....	"	100 00
2078	"	Jennette E. Carpenter.....	"	90 00
2079	"	George A. Huff.....	"	120 06
2080	"	W. J. Fraser.....	"	41 68
2081	"	C. R. Rose.....	"	90 00
2082	"	Bertha M. Pillsbury.....	"	80 00
2083	"	George M. Meyer.....	"	90 00
2084	"	Alice Putnam.....	"	80 00
2085	"	Maude W. Straight.....	"	75 00
2086	"	W. C. Brenke.....	"	80 00
2087	"	C. T. Wilder.....	"	80 00
2088	"	M. B. Hammond.....	"	87 00
2089	"	H. L. Schoolcraft.....	"	80 00
2090	"	N. C. Brooks.....	"	70 00
2091	"	E. L. Milne.....	"	80 00
2092	"	Martha J. Kyle.....	"	70 00
2093	"	G. P. Clinton.....	"	20 00
2094	"	Henry C. Loar.....	"	100 00
2095	"	Edward C. Schmidt.....	"	75 00
2096	"	Jessie Y. Fox.....	"	30 00
2097	"	George D. Hubbard.....	"	60 00
2098	"	C. V. Seastone.....	"	60 00
2099	"	H. V. Carpenter.....	"	60 00
2100	"	J. L. Sammis.....	"	60 00
2101	"	A. P. Sy.....	"	50 00
2102	"	C. W. Young.....	"	50 00
2103	"	S. M. Lewis.....	"	50 00
2104	"	John Nevins.....	"	50 00
2105	"	E. C. Green.....	"	50 00
2106	"	E. C. Oliver.....	"	50 00
2107	"	H. C. Marble.....	"	50 00
2108	"	Grace O. Edwards.....	"	60 00
2109	"	Laura R. Gibbs.....	"	50 00
2110	"	Elma Warwick.....	"	50 00
2111	"	Juliet Butler.....	"	30 00
2112	"	C. B. Clark.....	"	85 00
2113	"	A. R. Curtiss.....	"	85 00
2114	"	Henry Jones.....	"	60 00
2115	"	J. H. Wilson.....	"	60 00
2116	"	Lucy H. Carson.....	"	30 00
2117	"	Emma F. Seibert.....	"	30 00
2118	"	Sarah L. Dewey.....	"	30 00
2119	"	H. C. Coffeen.....	"	30 00
2120	"	A. D. DuBois.....	"	10 00
2121	"	E. G. Howe.....	"	150 00
2122	"	Lillie A. Clendenin.....	"	70 00
2123	"	R. S. Douglass.....	"	80 00
2124	"	C. B. Randolph.....	"	80 00
2125	"	C. W. Alvord.....	"	90 00
2126	"	W. L. Pillsbury.....	"	162 50
2127	"	N. S. Spencer.....	"	100 00
2128	"	Lillie Heath.....	"	75 00
2129	"	Sue W. Ford.....	"	55 00
2130	"	L. A. Boice.....	"	55 00
2131	"	W. F. Parker.....	"	55 00
2132	"	Jennie M. Laffin.....	"	45 00
2133	"	Olive F. Saxton.....	"	45 00
2134	"	Gertrude Shawhan.....	"	50 00
2135	"	W. O. Waters.....	"	50 00
2136	"	Martha B. Clark.....	"	60 00
2137	"	Joe Morrow.....	"	75 00
2138	"	Holmes Ewalt.....	"	60 00
2139	"	Charles B. Ewalt.....	"	30 00
2140	"	E. W. Justus.....	"	50 00
2141	"	Spencer Stuckey.....	"	50 00
2142	"	H. A. Thompson.....	"	75 00
2143	"	E. Uttenwiler.....	"	60 00
2144	"	Fred Atkinson.....	"	40 00

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
2145	1899 March 30	M. Lindsey .....	Salary, March, 1899 .....	\$40 00
2146	"	I. H. Allen .....	" " .....	40 00
2147	"	Albert R. Lee .....	" " .....	20 00
2148	"	Frank Spence .....	" " .....	40 00
2149	"	Pearl Adams .....	" " .....	40 00
2150	"	W. R. Hoffman .....	" " .....	37 00
2151	"	L. G. Lathrop .....	" " .....	32 00
2152	"	J. J. Johnson .....	" " .....	32 00
2153	"	E. A. Nelson .....	" " .....	37 00
2154	"	A. McGlaughlin .....	" " .....	32 00
2155	"	A. E. Pound .....	" " .....	32 00
2156	"	Frank Gleason .....	" " .....	32 00
2157	"	Philip Schwehm .....	" " .....	27 00
2158	"	C. V. Millar .....	" " .....	75 00
2159	"	R. W. Stark .....	" " .....	50 00
2160	"	D. McIntosh .....	" " .....	75 00
2161	"	S. W. Shattuck .....	Salary, three months .....	100 00
2162	"	C. W. Tooke .....	Part salary for winter term, 1899 .....	25 00
2163	"	Edith Stave .....	Salary 2½ months, to March 31, 1899 .....	37 50
2164	"	F. P. Pritchard .....	Salary March, 1899 .....	21 66
2165	"	S. J. Ashcroft .....	Labor and masonry work .....	8 02
2166	"	Bert Halterman .....	Milk .....	6 92
2167	"	I. W. Maxwell .....	Milk .....	13 59
2168	"	Twin Ice & Cold Storage Co .....	Ice .....	3 20
2169	"	Chas. A. Shieren & Co .....	Belting .....	13 37
2170	"	Wyman & Cordon .....	Vise racks .....	3 00
2171	"	Brown & Sharpe Mfg. Co .....	Bushings .....	6 93
2172	"	Armstrong Bros. Tool Co .....	Tool holder .....	34 24
2173	"	Kinsey & Mahler Co .....	Brass Castings .....	7 74
2174	"	<i>The Gazette</i> .....	Printing .....	5 75
2175	"	Chas. A. Besore .....	Coal, etc .....	597 91
2176	"	Blue Print Department, U. of I. .....	Blue printing, etc .....	108 89
2177	"	C. Machine & Supply Co .....	Hangers, etc .....	16 69
2178	"	Machinist supply Co .....	Emery cloth, etc .....	5 49
2179	"	Orr & Lockett Hdw. Co .....	Hinges, etc .....	6 60
2180	"	Sheldon Brick Co .....	Sand .....	1 60
2181	"	E. M. Burr & Co .....	Flanges, test pieces, etc .....	18 05
2182	"	Chicago Pneumatic Tool Co .....	Hose .....	9 00
2183	"	Yale & Towne Mfg. Co .....	Triplex block .....	22 50
2184	"	<i>Champaign County Herald</i> .....	Printing letter heads .....	24 90
2185	"	Crosby Steam Gauge & Valve Works .....	Indicator .....	75 75
2186	"	The Falls Rivet & Mach. Co .....	Bushings, etc .....	35 00
2187	"	William Price estate .....	Ingrain, etc .....	1 40
2188	"	Lukenheimer Co .....	Throttle valve .....	3 80
2189	"	Geo. S. Bowen & Son .....	"Live Questions" .....	2 50
2190	"	C. & U. Phoenix Telephone Co .....	Services to June 15, 1899 .....	36 00
2191	"	Chas. C. Brown .....	Address .....	25 00
2192	"	A. H. Curtiss .....	Plants .....	45 00
2193	"	Henry Heil Chemical Co .....	Pliers .....	3 33
2194	"	The Hall Steel Tank Co .....	Tank .....	14 50
2195	"	Lucy L. Flower .....	Expenses to Board meeting .....	70 75
2196	"	T. H. Trevett .....	Screws, globes, etc .....	3 00
2197	"	R. Williamson & Co .....	Hose .....	4 13
2198	"	Rand, McNally Co .....	Maps .....	9 00
2199	"	J. C. Witter Co .....	Casts and pictures .....	32 60
2200	"	S. W. Love .....	Cards .....	1 00
2201	"	Macmillan & Co .....	Book .....	2 15
2202	"	Donohue & Henneberry .....	Books .....	7 65
2203	"	Fuller & Fuller Co .....	Corks .....	35 36
2204	"	Indiana Chemical Works .....	Acid, ammonia, etc .....	34 55
2205	"	C. S. Hill .....	Tuning piano .....	4 50
2206	"	Walter Howe Jones .....	Music and repairs .....	21 28
2207	"	Boyer R'y Speed Recorder Co .....	Oil .....	1 50
2207	"	American Arithmometer Co .....	Blank paper .....	1 25
2209	"	Schaffer & Budenberg .....	Glass pens .....	1 80
2210	"	Eimer & Amend .....	Amylacetate .....	1 00
2211	"	J. W. Butler Paper Co .....	Paper .....	17 50
2212	"	Chicago Pneumatic Tool Co .....	Hoist .....	25 00
2213	"	Electric Appliance Co .....	Keyless receptacles .....	9 69
2214	"	Chas. H. Besly & Co .....	Tubing .....	6 22
2215	"	J. D. Green .....	Copper vessels .....	3 50
2216	"	C. H. Baddeley .....	Lamps, etc .....	9 00
2217	"	Astronomical Society of Pac .....	Membership dues for 1899-1899 .....	10 00
2218	"	Franklin Institute of Penn .....	Publications .....	2 00
2219	"	Spon & Chamberlain .....	Books .....	15 24

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
2220	1899			
2220	March 30	National Educational Ass'n.....	Proceedings for 1898.....	\$2 00
2221	"	U. & C. Gas & Electric Co.....	Gas, three months, to March 24, 1899	563 78
2222	"	Kenyon News & Postal Sub. Co.....	Subscriptions, etc.....	32 95
2223	"	Gustav E. Stechert.....	Books.....	119 88
2224	"	Lemcke & Buechner.....	Books.....	406 46
2225	"	Boston Book Co.....	Books.....	323 00
2226	April 10	Shea, Smith & Co.....	Stationery.....	6 53
2227	"	Hubbard & Sons.....	Keys, fittings, etc.....	3 50
2228	"	<i>Champaign County Herald</i> .....	Printing blanks, etc.....	36 95
2229	"	Chas. H. Besly & Co.....	Files, etc.....	2 40
2230	"	H. E. Willis.....	Services inspecting boilers.....	55 00
2231	"	Cunningham Bros.....	Paper.....	63 75
2232	"	W. S. Royal.....	Oil.....	1 70
2233	"	Central Union Telephone Co.....	Services to June 30, 1899, etc.....	16 05
2234	"	D. H. Lloyd & Son.....	Erasers, etc.....	4 25
2235	"	Wm. Miebach & Co.....	Hardware.....	11 67
2236	"	Fuller & Fuller Co.....	Turpentine, etc.....	9 85
2237	"	Chas. A. Besore.....	Lumber, etc.....	48 43
2238	"	Treasurer Athletic Ass'n.....	Advertising.....	10 00
2239	"	Walker & Mulliken.....	Chairs, etc.....	4 00
2240	"	Odin Coal Co.....	Coal.....	147 00
2241	"	Junction Mining Co.....	Coal.....	12 00
2242	"	Riverton Coal Co.....	Coal.....	11 97
2243	"	Miller Harness Co.....	Bridles.....	5 55
2244	"	Frank F. Frederick.....	Expenses.....	15 70
2245	"	Boyer R'y Speed Recorder Co.....	Wire belting.....	1 45
2246	"	Scully Steel & Iron Co.....	Tube.....	2 32
2247	"	Machinist Supply Co.....	Emery wheel.....	25 00
2248	"	E. Henry.....	Beeswax, etc.....	11 58
2249	"	Paxton Hdw. Mfg. Co.....	Nickle plating.....	2 40
2250	"	T. H. Trevett.....	Hardware.....	28 30
2251	"	Electric Appliance Co.....	Whistles, etc.....	7 41
2252	"	Western Electric Co.....	Wire, magnets, etc.....	4 92
2253	"	Chas. A. Strelinger Co.....	Tube, etc.....	12 24
2254	"	Thos. W. Gleason.....	Monochords, etc.....	16 70
2255	"	Mittendorf & Kiler.....	Glass and mats.....	1 25
2256	"	<i>The Gazette</i> .....	Printing.....	23 60
2257	"	J. C. Witter Co.....	Photo prints.....	6 63
2258	"	Central School Supply House.....	Thermometers, resistance, boxes, etc.....	93 85
2259	"	Engineering Club of Phila.....	Subscription for 1899.....	2 00
2260	"	C. H. Russell & Co.....	Hardware.....	5 25
2261	"	Springer Torsion Balance Co.....	Balance.....	35 00
2262	"	Library Bureau.....	Revolving book case, etc.....	158 50
2263	"	Smith Premier Typewriter Co.....	Ribbons.....	6 00
2264	"	Poole Bros.....	Book.....	3 00
2265	"	Witall, Tatam & Co.....	Bottles.....	6 25
2266	"	Harry D. Oldham.....	Clock oil, etc.....	6 50
2267	"	John Church Co.....	Sheet music.....	5 90
2268	"	Champaign Co. Printing Co.....	Printing.....	16 00
2269	"	Bausch & Lomb Optical Co.....	Circles, cover, etc.....	95 25
2270	"	C. H. Baddeley.....	Groceries.....	4 98
2271	"	Knowlton & Bennett.....	Chemicals, etc.....	11 70
2272	"	Pittsburgh Reduction Co.....	Aluminum.....	17 11
2273	"	H. Swannell & Son.....	Glass, etc.....	39 75
2274	"	Fort Wayne Electric Corporat'n.....	Brushes.....	3 00
2275	"	E. M. Burr & Co.....	Connecting rod, etc.....	15 71
2276	"	Bryan Marsh Co.....	Lamps.....	61 50
2277	"	C. Mach. & Supply Co.....	Pipe fittings, etc.....	113 01
2278	"	Eugene Dietzgen & Co.....	Blue print paper.....	5 25
2279	"	Union Mfg. Co.....	Water to July 1, 1899, for 3 mos.....	250 00
2280	"	P. Ringer & Co.....	Binding publications.....	16 15
2281	"	West Publishing Co.....	Law books.....	45 00
2282	"	George Wahr.....	Books.....	4 52
2283	"	R. R. Bowker.....	Library index 1898.....	3 50
2284	"	Edward Thompson Co.....	Book.....	6 00
2285	"	Boston Book Co.....	Books.....	124 00
2286	"	Callaghan & Co.....	Law books.....	69 60
2287	"	A. C. McClurg & Co.....	Books and stationery.....	122 59
2288	"	G. E. Stechert.....	Books.....	111 90
2289	"	Alice A. Abbott.....	Expenses to Board meeting.....	35 01
2290	"	<i>The Illinois Agriculturist</i> .....	Appropriation.....	75 00
2291	"	<i>The Illini</i> .....	Annual appropriation.....	125 00
2292	"	E. G. Keith.....	Services of clerk, three month.....	150 00
2293	"	J. E. McGilvery.....	Expenses.....	20 11
2294	"	Free & Hibbs.....	Ribbon.....	2 00
2295	"	Kny-Scheerer Co.....	Spectroscope, etc.....	88 11

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
2296	1899			
2297	April 10	Richards & Co .....	Sand for cement tests.....	\$30 83
2298	"	S. W. Shattuck, business mgr.	Express .....	18 90
2299	"	"	"	55 31
2300	"	"	Pay-roll, students, March, 1899.....	301 61
2301	April 30	A. S. Draper.....	men, March, 1899.....	964 04
2302	"	T. J. Burrill.....	Salary, April, 1899.....	583 33
2303	"	S. W. Shattuck.....	"	200 00
2304	"	N. C. Ricker.....	"	166 66
2305	"	Ira O. Baker.....	"	191 66
2306	"	S. A. Forbes.....	"	187 50
2307	"	C. W. Rolfe.....	"	83 33
2308	"	D. McIntosh.....	"	175 00
2309	"	A. N. Talbot.....	"	50 00
2310	"	A. W. Palmer.....	"	175 00
2311	"	F. F. Frederick.....	"	175 00
2312	"	S. W. Parr.....	"	166 66
2313	"	H. J. Barton.....	"	175 00
2314	"	C. M. Moss.....	"	175 00
2315	"	D. K. Dodge.....	"	166 66
2316	"	L. P. Breckenridge.....	"	187 50
2317	"	David Kinley.....	"	187 50
2318	"	Eugene Davenport.....	"	95 83
2319	"	Arnold Tompkins.....	"	166 66
2320	"	A. P. Carman.....	"	187 50
2321	"	W. H. Jones.....	"	100 00
2322	"	E. B. Greene.....	"	141 66
2323	"	C. C. Pickett.....	"	175 00
2324	"	Katharine L. Sharp.....	"	166 66
2325	"	G. T. Kemp.....	"	166 66
2326	"	G. W. Myers.....	"	158 33
2327	"	W. L. Drew.....	"	166 66
2328	"	J. K. Shell.....	"	133 33
2329	"	James M. White.....	"	141 66
2330	"	L. A. Rhoades.....	"	150 00
2331	"	W. D. Pence.....	"	133 33
2332	"	Wm. Esty.....	"	133 33
2333	"	Violet D. Jayne.....	"	133 33
2334	"	W. H. Van Dervoort.....	"	137 50
2335	"	H. S. Grindley.....	"	108 33
2336	"	H. S. Piatt.....	"	108 33
2337	"	A. H. Daniels.....	"	108 33
2338	"	G. D. Fairfield.....	"	108 33
2339	"	C. W. Tooke.....	"	108 33
2340	"	F. A. Sager.....	"	100 00
2341	"	Frank Smith.....	"	116 66
2342	"	C. D. McLane.....	"	100 00
2343	"	P. G. Holden.....	"	54 16
2344	"	J. E. McGilvrey.....	"	108 33
2345	"	J. D. Phillips.....	"	83 33
2346	"	S. J. Temple.....	"	100 00
2347	"	Oscar Quick.....	"	83 33
2348	"	J. C. Blair.....	"	50 00
2349	"	Alison Fernie.....	"	116 66
2350	"	J. P. Hyland.....	"	83 33
2351	"	T. W. Hughes.....	"	100 00
2352	"	Wm. H. Brown, Jr.....	"	100 00
2353	"	Jennett E. Carpenter.....	"	90 00
2354	"	Geo. A. Huff.....	"	120 00
2355	"	W. J. Fraser.....	"	41 66
2356	"	C. R. Rose.....	"	90 00
2357	"	Agnes S. Cook.....	"	80 00
2358	"	Geo. H. Meyer.....	"	90 00
2359	"	Alice Putnam.....	"	80 00
2360	"	Maude W. Straight.....	"	75 00
2361	"	W. C. Brenke.....	"	80 00
2362	"	C. T. Wilder.....	"	80 00
2363	"	M. B. Hammond.....	"	80 00
2364	"	H. L. Schoolcraft.....	"	80 00
2365	"	N. C. Brooks.....	"	70 00
2366	"	E. L. Milne.....	"	80 00
2367	"	Martha J. Kyle.....	"	70 00
2368	"	G. P. Clinton.....	"	20 00
2369	"	Henry L. Coar.....	"	100 00
2370	"	Edward C. Schmidt.....	"	75 00
2371	"	Jessie V. Fox.....	"	30 00
2372	"	Geo. D. Hubbard.....	"	60 00
2373	"	C. V. Seastone.....	"	60 00

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
2374	1899 April 30	H. V. Carpenter.....	Salary, April, 1899.....	\$60 00
2375	"	J. L. Sammis.....	"	60 00
2376	"	A. P. Sy.....	"	50 00
2377	"	C. W. Young.....	"	50 00
2378	"	S. M. Lewis.....	"	30 00
2379	"	John Nevins.....	"	50 00
2380	"	E. C. Green.....	"	50 00
2381	"	E. C. Oliver.....	"	50 00
2382	"	H. C. Marble.....	"	50 00
2383	"	Grace O. Edwards.....	"	60 00
2384	"	Laura R. Gibbs.....	"	50 00
2385	"	Elma Warwick.....	"	50 00
2386	"	Juliet Butler.....	"	30 00
2387	"	C. B. Clark.....	"	85 00
2388	"	A. R. Curtiss.....	"	85 00
2389	"	Henry Jones.....	"	60 00
2390	"	J. H. Wilson.....	"	66 00
2391	"	Lucy H. Carson.....	"	30 00
2392	"	Emma E. Siebert.....	"	30 00
2393	"	Sarah L. Dewey.....	"	30 00
2394	"	H. C. Coffeen.....	"	30 00
2395	"	A. D. DuBois.....	"	10 00
2396	"	E. G. Howe.....	"	150 00
2397	"	Lillie A. Clendenin.....	"	70 00
2398	"	R. S. Douglass.....	"	80 00
2399	"	C. B. Randolph.....	"	80 00
2400	"	C. W. Alvord.....	"	90 00
2401	"	W. L. Pillsbury.....	"	162 50
2402	"	N. S. Spencer.....	"	100 00
2403	"	Lillie Heath.....	"	75 00
2404	"	Sue W. Ford.....	"	55 00
2405	"	L. A. Boice.....	"	55 00
2406	"	W. F. Marker.....	"	55 00
2407	"	Jennie M. Laffin.....	"	45 00
2408	"	Olive F. Saxton.....	"	45 00
2409	"	Gertrude Shawhan.....	"	50 00
2410	"	W. O. Waters.....	"	50 00
2411	"	Martha B. Clark.....	"	60 00
2412	"	Joe Morrow.....	"	75 00
2413	"	Homes Ewalt.....	"	60 00
2414	"	Chas. B. Ewalt.....	"	30 00
2415	"	E. W. Justus.....	"	50 00
2416	"	Spencer Stuckey.....	"	50 00
2417	"	H. A. Thompson.....	"	75 00
2418	"	Fred Atkinson.....	"	40 00
2419	"	M. T. Lindsey.....	"	40 00
2420	"	I. H. Allen.....	"	40 00
2421	"	Albert R. Lee.....	"	20 00
2422	"	Frank Spence.....	"	40 00
2423	"	Pearl Adams.....	"	40 00
2424	"	L. G. Lathrop.....	"	32 00
2425	"	J. J. Johnson.....	"	32 00
2426	"	A. McGlaughlin.....	"	32 00
2427	"	E. A. Nelson.....	"	37 00
2428	"	W. R. Hoffman.....	"	37 00
2429	"	A. E. Pound.....	"	32 00
2430	"	Frank Gleason.....	"	32 00
2431	"	Philip Schwehm.....	"	27 00
2432	"	C. V. Millar.....	"	75 00
2433	"	R. W. Stark.....	"	50 00
2434	"	D. McIntosh.....	"	75 00
2435	"	F. P. Pritchard.....	"	21 66
2436	"	Henry C. Scheld.....	Expenses.....	7 66
2437	"	J. D. Green.....	Tin, etc.....	3 75
2438	"	J. E. McGilvrey.....	Expenses.....	23 87
2439	"	<i>The Gazette</i> .....	Printing.....	142 31
2440	"	Walker & Mulliken.....	Office chairs.....	27 00
2441	"	W. H. Paige & Co.....	Tuning pianos.....	15 00
2442	"	<i>Plexus</i> .....	Advertising, to April 20, 1899.....	18 60
2443	"	John Church Co.....	Sheet music.....	5 09
2444	"	Eimer & Amend.....	Rubber tubing, apparatus, etc.....	28 36
2445	"	E. H. Renner & Bro.....	Hauling coal.....	156 10
2446	"	W. W. Lindley, P. M.....	Postage.....	50 00
2447	"	Ozias Riley, P. M.....	"	40 00
2448	"	W. L. Pillsbury.....	Expenses.....	29 34
2449	"	S. W. Shattuck, business mgr.....	Sundry accounts.....	63 01
2450	"	S. W. Shattuck, business mgr.....	Express.....	17 74
2451	May 10	J. W. Butler Paper Co.....	Paper.....	10 75

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
2452	May 10 1899.	Saginaw Coal Co.	Coal.	\$23 90
2453	"	E. Dietzgen Co.	Blue print paper.	4 99
2454	"	Orr & Lockett Hardware Co.	Knobs	11 20
2455	"	Lou McWilliams	Velvet ribbon	1 00
2456	"	Kirkpatrick Department Store.	Matches, etc.	2 23
2457	"	Bussey Bros.	Cotton	1 20
2458	"	Lawton & Co.	Refilling duplicators.	5 95
2459	"	Nicolet & Co.	Repairing basket balls.	5 75
2460	"	B. F. Swartz.	Coal.	13 77
2461	"	Standard Oil Co.	Oil	13 44
2462	"	Scott Foresman & Co.	Chart and stand	6 40
2463	"	Frank Smith.	Razors	2 55
2464	"	Rawlings Sporting Goods Co.	Nets	57 75
2465	"	Central School Supply House.	Barometer	9 25
2466	"	Engineering News Pub. Co.	Advertisement, 6 months.	13 76
2467	"	<i>Champaign County Herald</i>	Printing proceedings.	10 32
2468	"	Westinghouse Elec. & Mig. Co.	Generator and rheostadt.	105 00
2469	"	Adam Cook's Sons.	Albany compound	3 75
2470	"	Garlock Packing Co.	Packing	18 21
2471	"	Robert Holmes & Bro.	Metallic packing.	6 20
2472	"	L. M. Rumsey Mfg. Co.	Wrenches	13 75
2473	"	E. A. Robinson.	Plumbing, etc.	17 73
2474	"	C. W. Tooke.	Expenses of judges, etc.	30 29
2475	"	General Electric Co.	Lamps	17 60
2476	"	Westinghouse, Church, Kerr & Co.	Oil	8 93
2477	"	Library Bureau	Pens and cards	16 50
2478	"	Bausch & Lomb Optical Co.	Slips, circles, etc.	13 17
2479	"	Eimer & Amend	Chemicals, tubing, etc.	66 62
2480	"	Shea, Smith & Co.	Copy press and stand	9 90
2481	"	U. S. Wire Material Co.	Wire mats	9 00
2482	"	Fred Frick.	Clocks	85 00
2483	"	Phoenix Nursery Co.	Elmwood	21 00
2484	"	Odin Coal Co.	Coal.	480 00
2485	"	Campbell & Spaulding.	Shoeing	2 00
2486	"	James B. Clow & Son	Pipes	22 07
2487	"	Fuller & Fuller Co.	Glass	44 60
2488	"	Plant Seed Co.	Seeds	19 60
2489	"	American Register Co.	Registers.	7 59
2490	"	C. H. Russell & Co.	Hardware	54 08
2491	"	H. Swannell & Son	Glass, paints, brushes, etc.	44 68
2492	"	A. S. Aloe Co.	Tracing cloth	9 15
2493	"	Vonnegut Hardware Co.	Steel pulley	5 07
2494	"	Chas. Munson Belting Co.	Belting	26 60
2495	"	Chas. A. Strelinger Co.	Brass rods, etc.	13 02
2496	"	Kinsey & Mahler Co.	Brass castings, etc.	3 54
2497	"	Burrows Bros. Co.	Books.	7 00
2498	"	Lemcke & Buechner	"	13 29
2499	"	Boston Book Co.	"	175 65
2500	"	A. C. McClurg & Co.	Books and stationery	90 20
2501	"	Pantagraph Printing & Sta. Co.	Book	3 18
2502	"	J. L. Pickering	Copy of Illinois Blue Book, 1899.	2 00
2503	"	P. Ringer & Co.	Binding publications	19 40
2504	"	Riehle Bros. Test Mach. Co.	Books.	6 00
2505	"	Callaghan & Co.	Law books	9 25
2506	"	New York Tribune	Almanacs, etc.	6 25
2507	"	Kenyon News & Postal Sub. Co.	Subscriptions	2 70
2508	"	Gustav E. Stechert	Books.	5 27
2509	"	Richards & Co.	Calorimeter, etc.	70 85
2510	"	Baker & Adamson Chem. Co.	Acids	20 60
2511	May 15	Denison Mfg. Co.	Tags, etc.	5 50
2512	"	Alex. McLean	Expenses.	67 50
2513	"	F. M. McKay.	"	20 30
2514	"	S. A. Bullard	"	49 80
2515	"	A. F. Nightingale	"	20 60
2516	"	Alice A. Abbott.	"	22 80
2517	"	T. J. Smith	"	33 05
2518	"	Fred Hatch	"	23 40
2519	"	W. H. Fulkerson	"	24 76
2520	"	E. H. Renner & Bro.	Hauling coal	83 88
2521	"	Ozias Riley, P. M.	Postage	30 00
2522	"	W. W. Lindley, P. M.	"	110 00
2523	"	S. W. Shattuck, business mgr.	Express	69 08
2524	"	S. W. Shattuck, business mgr.	Pay-roll, men, April, 1899.	1,175 80
2525	"	S. W. Shattuck, business mgr.	Pay-roll, students, April, 1899.	306 65
2526	May 31	A. S. Draper.	Salary, May, 1899.	583 83
2527	"	T. J. Burrill	"	200 00
2528	"	S. W. Shattuck	"	166 66



## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
2529	1899.	N. C. Ricker.....	Salary, May, 1899.....	\$191 66
2530	May 31	Ira O. Baker.....		187 50
2531	"	S. A. Forbes.....		83 33
2532	"	C. W. Rolfe.....		175 00
2533	"	D. McIntosh.....		50 00
2534	"	A. N. Talbot.....		175 00
2535	"	A. W. Palmer.....		175 00
2536	"	F. Frederick.....		166 66
2537	"	S. W. Parr.....		175 00
2538	"	H. J. Barton.....		175 00
2539	"	C. M. Moss.....		175 00
2540	"	D. K. Dodge.....		166 66
2541	"	L. P. Breckenridge.....		187 50
2542	"	David Kinley.....		187 50
2543	"	E. Davenport.....		95 83
2544	"	Arnold Tompkins.....		166 66
2545	"	A. P. Carman.....		187 50
2546	"	W. H. Jones.....		100 00
2547	"	E. B. Greene.....		141 66
2548	"	C. C. Pickett.....		175 00
2549	"	Katherine L. Sharp.....		166 66
2550	"	G. T. Kemp.....		166 66
2551	"	G. W. Myers.....		158 33
2552	"	W. L. Drew.....		166 66
2553	"	J. K. Shell.....		133 33
2554	"	J. M. White.....		141 66
2555	"	L. A. Rhoades.....		150 00
2556	"	W. D. Pence.....		133 33
2557	"	Wm. Esty.....		133 33
2558	"	Violet D. Jayne.....		133 33
2559	"	W. H. VanDervoort.....		137 50
2560	"	H. S. Grindley.....		108 33
2560	"	H. S. Platt.....		108 33
2562	"	A. H. Daniels.....		108 33
2563	"	G. D. Fairfield.....		108 33
2564	"	C. W. Tooke.....		108 33
2565	"	F. A. Sager.....		100 00
2566	"	Frank Smith.....		116 66
2567	"	C. D. McLane.....		10 00
2568	"	P. G. Holden.....		54 16
2569	"	J. E. McGilvrey.....		108 33
2570	"	J. D. Phillips.....		83 33
2571	"	S. J. Temple.....		100 00
2572	"	Oscar Quick.....		83 33
2573	"	J. C. Blair.....		50 00
2574	"	Alison M. Fernie.....		116 66
2575	"	J. P. Hylan.....		83 33
2576	"	T. W. Hughes.....		190 00
2577	"	Wm. H. Browne, Jr.....		100 00
2578	"	Jennette E. Carpenter.....		90 00
2579	"	Geo. A. Huff.....		120 00
2580	"	W. J. Fraser.....		41 66
2581	"	C. R. Rose.....		90 00
2582	"	Agnes S. Cook.....		80 00
2583	"	Geo. H. Meyer.....		90 00
2584	"	Alice Putnam.....		80 00
2585	"	Maude W. Straight.....		75 00
2586	"	W. C. Brenke.....		80 00
2587	"	C. T. Wilder.....		80 00
2588	"	M. B. Hammond.....		80 00
2589	"	H. L. Schoolcraft.....		80 00
2590	"	N. C. Brooks.....		70 00
2591	"	E. L. Milne.....		80 00
2592	"	Martha J. Kyle.....		70 00
2593	"	G. P. Clinton.....		20 00
2594	"	Henry L. Coar.....		100 00
2595	"	Edward C. Schmidt.....		75 00
2596	"	Jessie Y. Fox.....		30 00
2597	"	Geo. D. Hubbard.....		60 00
2598	"	C. V. Seastone.....		60 00
2599	"	H. V. Carpenter.....		60 00
2600	"	J. L. Sammis.....		60 00
2601	"	A. P. Sy.....		50 00
2602	"	C. W. Young.....		50 00
2603	"	S. M. Lewis.....		30 00
2604	"	John Nevins.....		50 00
2605	"	E. C. Green.....		50 00
2606	"	E. C. Oliver.....		50 00

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
2607	1899.	H. C. Marble .....	Salary, May, 1899 .....	\$50 00
2608	May 31	Grace O. Edwards .....	.. ..	60 00
2609	..	Laura R. Gibbs .....	.. ..	50 00
2610	..	Elma Warwick .....	.. ..	50 00
2611	..	Juliet Butler .....	.. ..	30 00
2612	..	C. B. Clark .....	.. ..	85 00
2613	..	A. R. Curtiss .....	.. ..	85 00
2614	..	Henry Jones .....	.. ..	60 00
2615	..	J. H. Wilson .....	.. ..	60 00
2616	..	Lucy H. Carson .....	.. ..	30 00
2617	..	Emma E. Seibert .....	.. ..	30 00
2618	..	Sarah L. Dewey .....	.. ..	30 00
2619	..	H. C. Coffeen .....	.. ..	30 00
2620	..	A. D. DuBois .....	.. ..	10 00
2621	..	E. G. Howe .....	.. ..	150 00
2622	..	Lillie A. Clendenin .....	.. ..	70 00
2623	..	R. S. Douglass .....	.. ..	80 00
2624	..	C. W. Alvord .....	.. ..	90 00
2625	..	C. B. Randolph .....	.. ..	80 00
2626	..	W. L. Pillsbury .....	.. ..	162 50
2627	..	N. S. Spencer .....	.. ..	100 00
2628	..	Lillie Heath .....	.. ..	75 00
2629	..	Sue W. Ford .....	.. ..	55 00
2630	..	L. A. Bolce .....	.. ..	55 00
2631	..	W. F. Marker .....	.. ..	55 00
2632	..	Jennie M. Laffin .....	.. ..	45 00
2633	..	Olive F. Saxton .....	.. ..	45 00
2634	..	Gertrude Shawhan .....	.. ..	50 00
2635	..	W. O. Waters .....	.. ..	50 00
2636	..	Martha B. Clark .....	.. ..	60 00
2637	..	Joe Morrow .....	.. ..	75 00
2638	..	Holmes Ewalt .....	.. ..	60 00
2639	..	Chas. B. Ewalt .....	.. ..	30 00
2640	..	E. W. Justus .....	.. ..	50 00
2641	..	Spencer Stuckey .....	.. ..	50 00
2642	..	H. A. Thompson .....	.. ..	75 00
2643	..	Fred Atkinson .....	.. ..	40 00
2644	..	M. T. Lindsey .....	.. ..	40 00
2645	..	I. H. Allen .....	.. ..	40 00
2646	..	Albert R. Lee .....	.. ..	20 00
2647	..	Frank Spence .....	.. ..	40 00
2648	..	Pearl Adams .....	.. ..	40 00
2649	..	W. R. Hoffman .....	.. ..	37 00
2650	..	L. G. Lathrop .....	.. ..	32 00
2651	..	J. J. Johnson .....	.. ..	32 00
2652	..	E. A. Nelson .....	.. ..	37 00
2653	..	A. McGlaughlin .....	.. ..	32 00
2654	..	John Cambridge .....	.. ..	32 00
2655	..	Frank Gleason .....	.. ..	32 00
2656	..	Philip Schwehm .....	.. ..	27 00
2657	..	C. V. Millar .....	.. ..	75 00
2658	..	R. W. Stark .....	.. ..	50 00
2659	..	D. McIntosh .....	.. ..	75 00
2660	..	Edith Stave .....	Salary for April and May, 1899 .....	30 00
2661	..	A. W. Palmer .....	Salary, 3 months to May 31, 1899 .....	25 00
2662	..	F. P. Pritchard .....	Salary for May, 1899 .....	21 66
2663	..	J. E. McGilvrey .....	Expenses .....	60 22
2664	..	Fuller & Fuller Co. ....	Soda, etc. ....	6 50
2665	..	A. H. Curtiss .....	Botanical plants .....	15 00
2666	..	Kny-Scheerer & Co. ....	Museum apparatus .....	28 00
2667	..	Riehle Bros. Festing Mach. Co.	German sand .....	5 00
2668	..	Lunkenheimer Co. ....	Valves, washers, etc .....	12 17
2669	..	Kenuff & Esser Co. ....	Tracing cloth .....	7 08
2670	..	Public School Pub. Co. ....	Advertisement to May 31, 1899 .....	12 50
2671	..	B. F. Robinson .....	Collecting samples of water .....	7 50
2672	..	Champaign Printing Co. ....	Printing, etc .....	29 60
2673	..	Chas. A. Strelinger Co. ....	Gears .....	3 92
2674	..	Burr's Damascus Tool Works.	Stove, etc. ....	11 37
2675	..	Westcott Chuck Co. ....	Chuck key .....	1 00
2676	..	Frank E. Pitts Mfg & Supply Co	Machine waste .....	13 31
2677	..	Paxton Hardware Co. ....	Copper plating .....	6 20
2678	..	J. C. Witter Co. ....	Art studies .....	3 91
2679	..	Crosby Steam Gauge & Valve Co	Cord, siphons, etc .....	18 27
2680	..	Geo. W. Jones .....	Books .....	9 00
2681	..	E. H. Sargent & Co. ....	Alcohol .....	6 10
2682	..	Queen & Co. ....	Repairing, gauge, etc .....	25 20
2683	..	S. Obermayer Co. ....	Ladle, bowls, etc .....	42 55

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
2684	1899.			
2685	May 31	Machinists' Supply Co .....	Front jaw .....	\$2 25
2686	"	Howe, Brown & Co .....	Tools .....	22 30
2687	"	W. S. Royal .....	Oil .....	1 05
2688	"	John McCollough .....	Calif. ....	2 00
2689	"	Frank Smith .....	Expenses of slides for classes, etc.	22 15
2690	"	National Carbon Co. ....	Cells, etc .....	30 50
2691	"	G. Maffioli .....	Labor of raising pavement ..	5 00
2692	"	H. McFadden & Bro .....	Hay, etc .....	24 30
2693	"	Boyer Ry. Speed Recorder Co.	.....	4 80
2694	"	A. E. Wuesteman .....	Mile charts .....	40 00
2695	"	<i>Champaign County Herald</i> ..	Gold medals .....	50 70
2696	"	J. D. Green .....	Paper pads .....	144 60
2697	"	American Berkshire Asso. ....	Repairing roof, etc .....	70 00
2698	"	Holstein Friesian Asso. of Am.	Vols. 1-14 .....	4 50
2699	"	American Jersey Cattle Club ..	Herd book .....	2 00
2700	"	Callaghan & Co .....	Herd Register .....	3 25
2701	"	Edward Thompson Co. ....	Books .....	3 00
2702	"	Melvil Dewey .....	Book .....	75 00
2703	"	T. A. Clark .....	Expenses .....	13 00
2704	"	Francis Hendricks & Co .....	Frame .....	50 00
2705	"	Marshall Field & Co. ....	Ribbon .....	11 25
2706	"	Spring Valley Coal Co. ....	Coal .....	14 03
2707	"	H. Swannell & Son .....	Chloroform, etc. ....	3 35
2708	"	Paxton Hardware Mfg. Co .....	Plating paper weights .....	3 30
2709	"	Machinist Supply Co .....	Burrs, tubes, etc. ....	2 01
2710	"	T. A. Sackmann .....	Steel letters .....	9 03
2711	"	Norton Emery Wheel Co .....	Emery wheels .....	12 83
2712	"	C. M. Parker .....	Advertising 3 months .....	12 48
2713	"	<i>The Gazette</i> .....	Printing .....	22 75
2714	"	F. F. Frederick .....	Expenses .....	15 35
2715	"	C. W. Tooke .....	Extra services in law school ..	50 00
2716	"	Schaffer & Budenberg .....	Calorimeter .....	18 00
2717	"	Alex. J. Yowell .....	Photographs .....	2 50
2718	"	Hubbard & Sons .....	Hardware .....	1 50
2719	"	Queen & Co .....	Prisms, etc. ....	5 76
2720	"	Western Electric Co .....	Wire .....	21 35
2721	"	Kinsey & Mahler Co .....	Brass castings, etc .....	3 15
2722	"	H. H. Thompson .....	Labor on equation machine ..	6 75
2723	"	Bausch & Lomb Optical Co .....	Objectives, etc. ....	156 05
2724	"	Ozias Riley, P. M .....	Postage .....	70 00
2725	"	E. H. Renner & Bros .....	Hauling coal .....	35 30
2726	"	Champaign Mach'g & S'ply Co.	Pipe, fittings, etc .....	110 31
2727	June 20	Alex. McLean .....	Expenses .....	77 60
2728	"	A. F. Nighingale .....	.....	15 65
2729	"	F. M. McKay .....	.....	21 70
2730	"	S. A. Bullard .....	.....	11 30
2731	"	Alfred Baylis .....	.....	10 57
2732	"	T. J. Smith .....	.....	27 86
2733	"	Alice A. Abbott .....	.....	37 38
2734	"	Newton A. Wells .....	Lectures .....	100 00
2735	"	Mrs. E. Daniels .....	Instructing in music .....	20 00
2736	"	H. J. Barton .....	Expenses .....	14 19
2737	"	E. G. Howe .....	Apparatus, etc. ....	71 80
2738	"	Geo. Myers .....	Expense .....	7 30
2739	"	Geo. T. Kemp .....	.....	67 24
2740	"	Frank F. Frederick .....	Materials .....	13 77
2741	"	L. P. Breckenridge .....	Expense .....	44 10
2742	"	A. S. Draper .....	.....	68 03
2743	"	Chas B. Hatch .....	Hotel expenses .....	19 25
2744	"	Indiana Publishing Co .....	Printing illustrated books, etc.	480 58
2745	"	R. R. Donnelley & Sons Co. ....	Printing catalogue .....	1,011 60
2746	"	<i>The Technograph</i> .....	Annual appropriation .....	100 00
2747	"	Grant Gear Works .....	Calculating machine .....	60 06
2748	"	J. D. Phillips .....	Lettering diplomas .....	91 25
2749	"	Keuffel & Esser Co .....	Arithmachine .....	36 00
2750	"	Rochester Optical Co .....	Chart holder, etc .....	5 90
2751	"	Annie M. Lutz .....	Books .....	12 50
2752	"	Central Electric Co .....	Speaking tube, etc. ....	1 56
2753	"	Twin City Electric Co .....	Relays .....	7 60
2754	"	Orr & Lockett Hardware Co .....	Blank keys .....	1 28
2755	"	Albertson & Hobbs .....	Seeds .....	9 35
2756	"	Singbusch & Stoltey .....	Sapolio, etc. ....	7 15
2757	"	Morris Printing Co .....	Binding books .....	17 80
2758	"	Carl Fisher .....	Music .....	9 72
2759	"	Burrows Bros. Co .....	Books .....	7 00
2760	"	S't'd Pol'd Ch'na Rec'd Asso.	.....	20 00
2761	"	Charles J. Tagliabue .....	Thermometers .....	5 00
	"	Fred A. Rich .....	Angles .....	4 86

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
	1899			
2762	June 20	S. Obermayer Co.	Mold riddles	\$4 20
2763	"	Brazil Block Coal Co.	Coal	35 00
2764	"	Geo. Brooks	Collecting samples	5 00
2765	"	Wm. J. Bohm	Glass tubes, etc.	32 00
2766	"	Garlock Packing Co.	Packing	19 57
2767	"	Babcock & Wilcox Co.	Caps	2 88
2768	"	N. A. Williams Co.	Brick	24 00
2769	"	Revere Rubber Co.	Ruber hose	9 61
2770	"	G. A. Garrison	Pasturing cattle one month	20 25
2771	"	Ozias Riley	Postage	70 00
2772	"	W. W. Lindley	"	50 00
2773	"	S. W. Shattuck, Business Mgr.	Sundry accounts paid	273 02
2774	"	"	Pay-roll, Students, May, 1899	307 59
2775	"	"	Pay-roll, men, May, 1899	1,095 79
2776	June 30	A. S. Draper	Salary, June, 1899	533 33
2777	"	T. J. Burrill	"	200 00
2778	"	S. W. Shattuck	"	166 66
2779	"	N. C. Ricker	"	191 66
2780	"	Ira O. Baker	"	187 50
2781	"	S. A. Forbes	"	83 33
2782	"	C. W. Rolfe	"	175 00
2783	"	D. McIntosh	"	50 00
2784	"	A. N. Talbot	"	175 00
2785	"	A. W. Palmer	"	175 00
2786	"	F. F. Frederick	"	166 66
2787	"	S. W. Parr	"	175 00
2788	"	H. J. Barton	"	175 00
2789	"	C. M. Moss	"	175 00
2790	"	D. K. Dodge	"	166 66
2791	"	L. P. Breckenridge	"	187 50
2792	"	David Kinley	"	187 50
2793	"	E. Davenport	"	95 83
2794	"	Arnold Tompkins	"	166 63
2795	"	A. P. Carman	"	187 50
2796	"	W. H. Jones	"	100 00
2797	"	E. B. Greene	"	141 66
2798	"	C. C. Pickett	"	175 00
2799	"	Katharine Sharp	"	166 66
2800	"	G. T. Kemp	"	166 66
2801	"	G. W. Meyers	"	158 33
2802	"	Wm. L. Drew	"	166 66
2803	"	J. K. Shell	"	133 33
2804	"	James M. White	"	141 66
2805	"	L. A. Rhoades	"	150 00
2806	"	W. D. Pence	"	133 33
2807	"	Wm. Esty	"	133 33
2808	"	Violet D. Jayne	"	133 33
2809	"	W. H. Vandervoort	"	137 50
2810	"	H. S. Grindley	"	108 33
2811	"	H. S. Piatt	"	108 33
2812	"	A. H. Daniels	"	108 33
2813	"	G. D. Fairfield	"	108 33
2814	"	C. W. Tooke	"	108 33
2815	"	F. A. Sager	"	100 00
2816	"	Frank Smith	"	116 66
2817	"	C. D. McLane	"	100 00
2818	"	P. G. Holden	"	54 16
2819	"	J. E. McGilvrey	"	108 33
2820	"	J. D. Phillips	"	83 33
2821	"	S. J. Temple	"	100 00
2822	"	Oscar Quick	"	83 33
2823	"	J. C. Blair	"	50 00
2824	"	Alison M. Fernie	"	116 66
2825	"	J. P. Hylan	"	83 33
2826	"	T. W. Hughes	"	100 00
2827	"	Wm. H. Browne, Jr.	"	100 00
2828	"	Jennette E. Carpenter	"	90 00
2829	"	George A. Huff	"	120 00
2830	"	W. J. Fraser	"	41 66
2831	"	C. R. Rose	"	90 00
2832	"	Agnes S. Cook	"	80 00
2833	"	Geo. H. Meyer	"	90 00
2834	"	Alice Putnam	"	80 00
2835	"	Maude W. Straight	"	75 00
2836	"	W. C. Brenke	"	80 00
2837	"	W. T. Wilder	"	80 00
2838	"	M. B. Hammond	"	80 00
2839	"	H. L. Schoolcraft	"	80 00

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
	1899			
2840	June 30	N. C. Brooks .....	Salary, June, 1899.....	\$70 00
2841	"	E. L. Milne .....	" .....	80 00
2842	"	Martha J. Kyle .....	" .....	70 00
2843	"	G. P. Clinton .....	" .....	20 00
2844	"	Henry L. Coar .....	" .....	100 00
2845	"	Edward C. Schmidt .....	" .....	75 00
2846	"	Jessie Y. Fox .....	" .....	30 00
2847	"	G. D. Hubbard .....	" .....	60 00
2848	"	C. V. Seastone .....	" .....	60 00
2849	"	H. V. Carpenter .....	" .....	60 00
2850	"	J. L. Sammis .....	" .....	60 00
2851	"	A. F. Sy .....	" .....	50 00
2852	"	O. W. Young .....	" .....	50 00
2853	"	S. M. Lewis .....	" .....	30 00
2854	"	John Nevins .....	" .....	50 00
2855	"	E. C. Green .....	" .....	50 00
2856	"	E. C. Oliver .....	" .....	50 00
2857	"	H. C. Marble .....	" .....	50 00
2858	"	Grace O. Edwards .....	" .....	60 00
2859	"	Laura R. Gibbs .....	" .....	50 00
2860	"	Juliet Butler .....	" .....	30 00
2861	"	C. B. Clark .....	" .....	85 00
2862	"	A. R. Curtiss .....	" .....	85 00
2863	"	Henry Jones .....	" .....	60 00
2864	"	J. H. Wilson .....	" .....	60 00
2865	"	Lucy H. Carson .....	" .....	30 00
2866	"	Emma E. Seibert .....	" .....	30 00
2867	"	Sarah L. Dewey .....	" .....	30 00
2868	"	H. C. Coffeen .....	" .....	30 00
2869	"	A. D. DuBois .....	" .....	10 00
2870	"	E. G. Howe .....	" .....	150 00
2871	"	Lillie A. Clendenin .....	" .....	70 00
2872	"	R. S. Douglass .....	" .....	80 00
2873	"	C. B. Randolph .....	" .....	80 00
2874	"	C. W. Alvord .....	" .....	90 00
2875	"	W. L. Pillsbury .....	" .....	162 50
2876	"	N. S. Spencer .....	" .....	100 00
2877	"	Lillie Heath .....	" .....	75 00
2878	"	Sue W. Ford .....	" .....	55 00
2879	"	L. A. Boice .....	" .....	55 00
2880	"	W. F. Marker .....	" .....	55 00
2881	"	Jennie M. Ladin .....	" .....	45 00
2882	"	Olive F. Saxton .....	" .....	45 00
2883	"	Gertrude Shawhan .....	" .....	50 00
2884	"	W. O. Waters .....	" .....	50 00
2885	"	Martha B. Clark .....	" .....	60 00
2886	"	Joe Morrow .....	" .....	75 00
2887	"	Holmes Ewalt .....	" .....	60 00
2888	"	Chas. B. Ewalt .....	" .....	30 00
2889	"	E. W. Justus .....	" .....	50 00
2890	"	Spencer Stuckey .....	" .....	50 00
2891	"	H. A. Thompson .....	" .....	75 00
2892	"	Fred Atkinson .....	" .....	40 00
2893	"	M. F. Lindsey .....	" .....	40 00
2894	"	I. H. Allen .....	" .....	40 00
2895	"	Albert R. Lee .....	" .....	20 00
2896	"	Frank Spence .....	" .....	40 00
2897	"	Pearl Adams .....	" .....	40 00
2898	"	W. R. Hoffman .....	" .....	37 00
2899	"	L. G. Lathrop .....	" .....	32 00
2900	"	J. J. Johnson .....	" .....	32 00
2901	"	E. A. Nelson .....	" .....	37 00
2902	"	A. McGlaughlin .....	" .....	32 00
2903	"	Frank Gleason .....	" .....	32 00
2903	"	Philip Schwehm .....	" .....	27 00
2905	"	C. V. Millar .....	" .....	75 00
2906	"	R. W. Stark .....	" .....	50 00
2907	"	D. McIntosh .....	" .....	75 00
2908	"	S. W. Shattuck .....	Salary, three months, to July 1, 1899.	100 00
2909	"	F. P. Pritchard .....	June, 1899 .....	21 66
2910	"	Eugene Dietzgen & Co. ....	Paper .....	1 52
2911	"	Lanesville Stoneware Co .....	Bunsen burner guards .....	12 48
2912	"	J. D. Green .....	Box .....	2 50
2913	"	Queen & Co. ....	Tube, etc .....	4 50
2914	"	Corning & Co. ....	Alcohol .....	85 90
2915	"	C. A. Haines .....	Calves .....	8 00
2916	"	Kny-Scheerer Co. ....	Museum specimens .....	12 50
2917	"	Dennison Mfg. Co. ....	Labels .....	3 00

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
	1899			
2919	June 30	Bausch & Lomb Optical Co....	Chemicals, etc .....	\$2 64
2919	"	Chas. A. Schieren & Co.....	Belting, etc. ....	6 61
2920	"	Eimer & Amend .....	Platinum dishes, etc.	207 02
2921	"	Link Belt Machinery Co.....	Repairing conveyors .....	91 89
2922	"	Henry Hell Chemical Co.....	Desiccators .....	14 40
2923	"	Pittsburg Reduction Co.....	Aluminum .....	7 86
2924	"	Am. Trotting Register Ass'n....	Books .....	11 50
2925	"	Am. Southdown Bre'ders' Ass'n	.....	2 50

## STATE LABORATORY OF NATURAL HISTORY WARRANTS.

No.	Date.	To whom.	For what.	Amount.
	1898			
1	July 15	W. W. Lindley .....	Postage stamps.....	\$7 00
2	"	<i>Champaign County Herald</i> ....	Printing .....	2 25
3	"	R. S. Wilber .....	Freight and hauling.....	14 55
4	"	Fred Atkinson .....	Services .....	6 51
5	"	S. A. Forbes .....	Expenses .....	46 22
6	"	C. A. Kofoid .....	Petty expenses.....	25 00
7	"	Montgomery Ward & Co.....	Merchandise .....	7 06
8	"	Wm. C. Harris .....	Publications .....	14 00
9	"	Marjorie D. Forbes .....	Work in library.....	8 02
10	"	Central Union Telephone Co....	Rent and service.....	5 00
11	July 30	C. A. Kofoid .....	Salary, July, 1898.....	108 33
12	"	H. C. Forbes .....	" .....	91 66
13	"	C. A. Hart .....	" .....	83 33
14	"	Mary J. Snyder .....	" .....	75 00
15	"	Ernest B. Forbes .....	" .....	70 00
16	"	C. C. Adams .....	" .....	50 00
17	"	Miles Newberry.....	" .....	25 00
18	"	Harlan Scott .....	" .....	20 00
19	August 15	Lydia M. Hart .....	Salary, June and July, 1898 .....	60 35
20	"	James Seaman .....	Insect cases .....	150 00
21	"	Geo. F. Lasher .....	Publications .....	6 25
22	"	S. A. Forbes .....	Expenses .....	83 78
23	"	W. W. Lindley .....	Postage .....	28 90
24	"	Ward Bros. ....	Binding .....	118 60
25	"	Marjorie D. Forbes .....	Work in library.....	13 62
26	"	Montgomery Ward & Co.....	Merchandise .....	16 84
27	"	Illinois Glass Co.....	" .....	30 06
28	"	The R. W. McCready Cork Co....	" .....	28 60
29	"	E. B. Forbes .....	Expenses .....	19 19
30	"	C. A. Kofoid .....	Petty expenses.....	25 00
31	"	Bernard Quaritch .....	Publications .....	4 92
32	"	R. Friedlander & Son.....	Foreign publications .....	88 36
33	"	K. F. Koehler's Antiquarium....	Publications .....	2 95
34	"	William Wesley & Son .....	Book .....	6 15
35	"	S. W. Shattuck, business mgr.	Sundry items .....	32 56
36	"	F. M. McElfresh .....	Balance salary for one-half month.	15 83
37	"	S. A. Forbes .....	Field expenses .....	40 00
38	"	Kinsey & Mahler Co.....	Repairs .....	9 95
39	"	<i>The Gazette</i> .....	Printing .....	3 50
40	"	Bausch & Lomb Optical Co.....	Merchandise .....	1 77
41	"	Fred Atkinson .....	Labor .....	4 00
42	August 31	C. A. Kofoid .....	Salary, August, 1898.....	108 33
43	"	S. A. Forbes .....	quarter ending Aug. 31, 1898.	62 50
44	"	H. C. Forbes .....	" August, 1898 .....	91 66
45	"	C. A. Hart .....	" .....	83 33
46	"	Mary J. Snyder .....	" .....	75 00
47	"	Ernest B. Forbes .....	" .....	70 00
48	"	C. C. Adams .....	" .....	50 00
49	"	Miles Newberry.....	" .....	65 00
50	"	Harlan Scott .....	" .....	20 00
51	"	C. A. Kofoid .....	Expenses .....	17 40
52	Sept. 30	C. A. Kofoid .....	Salary, September, 1898.....	108 33
53	"	C. A. Hart .....	" .....	83 33
54	"	H. C. Forbes .....	" .....	91 66
55	"	Mary J. Snyder .....	" .....	75 00
56	"	Miles Newberry.....	" .....	50 00
57	"	Wallace Craig .....	" .....	45 00
58	"	Lydia M. Hart .....	" .....	51 80
59	"	Harlan Scott .....	" .....	20 00

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
60	1898.			
61	Sept. 30	S. A. Forbes	Salary, September, 1899	\$15 24
62	"	Champaign Co. Printing Co.	Circular letters, etc.	2 90
63	"	T. H. Trevett	Rain gages, etc.	2 30
64	"	Raymond Courtney	Work.	5 80
65	"	Henry Swannell	Alcohol, etc.	2 40
66	"	F. K. Robeson & Bro	Matting, muslin, etc.	10 60
67	"	Western Union Telegraph Co.	Telegrams for August, 1898	2 97
68	"	Champaign Cycle Co.	Mending punctures	1 05
69	"	Fred Atkinson	Ventilating insectary	2 00
70	"	W. W. Lindley, P. M.	Postage	13 00
71	"	C. H. Russell & Co.	Label holders	1 05
72	"	J. C. Winship Co.	Printing bulletins	141 30
73	"	Franklin Eng. & Elect. Co.	Plates	4 05
74	"	Henry Heil Chemical Co.	Formaldehyde	4 65
75	"	Kny, Scheerer & Co.	Forceps	1 36
76	"	Marjorie D. Forbes	Work	5 38
77	"	R. L. Polk & Co.	Book	10 00
78	"	N. Y. Entomological Society	Subscription	2 00
79	"	Ward Bros.	Binding books	35 80
80	"	Mrs. C. S. Johnson	Books, etc.	50 00
81	"	Wycoff, Seamans & Benedict	Typewriter	88 75
82	"	Geo. L. Carpenter & Co.	Netting	10 33
83	"	Chas. A. Hart	Expenses to Havana	6 91
84	"	John Robinson	Trees	12 00
85	"	Jefferson Porch		2 50
86	"	H. E. Parker	Pamphlet case, etc.	39 80
87	"	D. H. Lloyd & Son	Bristol board, etc.	1 20
88	"	Draper Mfg. Co.	Thermometer charts	1 56
89	October 10	Western Union Telegraph Co.	Telegrams for September, 1898	2 12
90	"	Champaign Co. Printing Co.	Letter heads, etc.	2 90
91	"	W. W. Lindley, P. M.	Envelopes	10 30
92	"	T. H. Trevett	Rings, etc.	1 85
93	"	Ozias Riley, P. M.	Postal cards	3 50
94	"	S. A. Forbes	Expenses	25 00
95	October 20	Central Union Telephone Co.	Rent to December 31, 1898	5 00
96	"	R. W. Braucher	Expenses	10 16
97	"	R. W. McCreedy Cork Co.	Corks	1 32
98	"	H. C. Forbes	Expenses	10 50
99	"	Illinois Glass Co.	Jars, etc.	18 99
100	"	Chas. H. Besley & Co.	Tubing	8 34
101	"	Kny, Scheerer & Co.	Formaldehyde	62 40
102	October 31	C. A. Hart	Salary, October, 1898	41 67
103	"	C. A. Kofold		108 33
104	"	H. C. Forbes		91 66
105	"	Mary J. Snyder		75 00
106	"	Miles Newberry		25 00
107	"	Wallace Craig		45 00
108	"	Lydia M. Hart	Drawing	28 70
109	"	Harlan Scott	Salary, October, 1898	20 00
110	"	Frank Smith	Expenses	27 50
111	"	Macmillan & Co.	Publications	1 05
112	"	E. H. Sargent & Co.	Test tubes	4 25
113	"	Fred Brendel	Book	40 00
114	Nov. 10	Wm. Wesley & Son	Publications	4 68
115	"	Oswald Weigel	Pamphlets	6 46
116	"	Ginn & Co.	Copy of bulletin	3 00
117	"	Ward Bros.	Pamphlets	76 80
118	"	Alfred L. Butz	Cork	3 78
119	"	McIntosh Battery & Optical Co.	Repairing lense	2 00
120	"	Illinois Glass Co.	Bottles	2 50
121	"	S. A. Forbes	Expenses	105 71
122	"	James A. Dewey	Salary, October, 1898	60 00
123	"	H. O. Woodworth	Work in laboratory	50 40
124	"	E. B. Forbes	Expenses	30 29
125	"	J. Manz & Co.	Half tones	23 38
126	"	Lydia M. Hart	Drawings	30 10
127	"	Atlantic Refining Co.	Cylinder oil, etc.	6 00
128	Nov. 21	Champaign Co. Printing Co.	Printing	8 75
129	"	Pantagraph Ptg. & Statio'y Co.		4 00
130	"	R. W. Braucher	Field expenses	61 83
131	"	W. W. Lindley, P. M.	Postage	5 00
132	"	H. C. Forbes	Sundry accounts	6 91
133	"	Ottenheimer & Co.	Engineer's suit	15 00
134	"	D. H. Lloyd & Son	Letter file	4 00
135	"	Western Union Telegraph Co.	Telegrams	4 87
136	"	S. A. Forbes	Expenses	4 50
137	"	R. S. Wilber	Drayage	18 60
138	Nov. 30	C. A. Kofold	Salary, November, 1898	108 33

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
	1898.			
138	Nov. 30	S. A. Fordes .....	Salary, 3 months. to November 30..	\$62 50
139	"	H. C. Forbes .....	Salary, November, 1898 .....	91 66
140	"	C. A. Hart .....	" .....	83 33
141	"	Mary J. Snyder .....	" .....	75 00
142	"	Harlan Scott .....	" .....	20 00
143	"	Wallace Craig .....	" .....	45 00
144	"	Miles Newberry .....	" .....	29 00
145	Dec. 10	Sweet, Wallach & Co .....	Photographic supplies .....	12 58
146	"	James Dewey .....	Salary, November, 1898 .....	60 00
147	"	H. O. Woodworth .....	" .....	69 30
148	"	Western Union Telegraph Co .....	Telegrams .....	2 19
149	"	W. W. Lindley, P. M .....	Postage .....	12 00
150	"	H. E. Parker .....	Shop work .....	3 87
151	"	P. F. Pettibone .....	Letter heads, etc. ....	20 50
152	"	Geo. E. McHose .....	Rent of tools .....	2 00
153	"	Kny, Scheerer Co .....	Filters .....	4 00
154	"	Entomological News .....	Subscription .....	1 00
155	"	Champaign County Herald .....	Cards .....	5 00
156	"	R. Freidlander & Son .....	Foreign publications .....	92 24
157	Dec. 15	Ward Bros .....	Binding pamphlets .....	53 00
158	"	J. Manz & Co .....	Copy of zinc plat. ....	7 59
159	"	R. W. McCready Cork Co .....	Corks .....	11 20
160	"	Bausch & Lomb Optical Co .....	Objective .....	18 31
161	"	C. A. Kofoid .....	Petty expenses .....	20 00
162	"	Jesse J. Myers .....	Assistance .....	5 10
163	"	Sharp & Smith .....	Syringe .....	2 59
164	"	R. W. Braucher .....	Work .....	99 66
165	"	H. C. Forbes .....	Expenses .....	6 37
166	"	W. W. Lindley, P. M .....	Postage, etc .....	24 50
167	"	S. W. Shattuck, Business Mgr .....	Expressage .....	10 82
168	Dec. 31	C. A. Kofoid .....	Salary, December, 1898 .....	108 33
169	"	H. C. Forbes .....	" .....	91 66
170	"	C. A. Hart .....	" .....	83 33
171	"	Mary J. Snyder .....	" .....	75 00
172	"	Lydia M. Hart .....	Drawings .....	28 35
173	"	Wallace Craig .....	Salary, December, 1898 .....	45 00
174	"	Miles Newberry .....	" .....	25 00
175	"	Harlan Scott .....	" .....	20 00
176	Jan. 10	Lydia M. Hart .....	Drawings .....	49 35
177	"	J. C. Winship .....	Printing reports .....	87 50
178	"	O. O. Woodworth .....	Work .....	65 32
179	"	James Dewey .....	" .....	26 84
180	"	Lea Bros .....	Subscription .....	4 00
181	"	Library bureau .....	Book labels .....	2 25
182	"	William Wood & Co .....	Subscription .....	5 00
183	"	H. M. Shuck & Co .....	Tin work, etc. ....	1 50
184	"	S. Raymond Roberts .....	Subscription .....	6 00
185	"	Ruby De Motte .....	Drawing .....	10 30
186	"	Bausch & Lomb Optical Co .....	Objectives, etc. ....	76 50
187	"	Chas. H. Besley & Co .....	Brass, cloth, etc. ....	1 74
188	"	Lawton & Co .....	Duplicator, etc. ....	9 38
189	"	Chas. K. Worthen .....	Eagle .....	8 50
190	"	Mittendorf & Kier .....	Baskets .....	1 50
191	"	G. C. Willis .....	Muslin, etc. ....	5 65
192	"	S. A. Forbes .....	Expenses, etc. ....	38 46
193	"	W. W. Lindley .....	Stamps, etc .....	20 90
194	Jan. 20	G. C. Willis .....	Storage boxes .....	1 50
195	"	Henry J. Green .....	Thermometers .....	4 05
196	"	Wycoff, Seamans & Benedict .....	Ribbons .....	1 50
197	"	H. C. Forbes .....	Petty expenses .....	4 46
198	"	Bausch & Lomb Optical Co .....	Objectives, etc. ....	18 55
199	"	W. W. Lindley, P. M .....	Postage .....	10 00
200	"	Illinois Glass Co .....	Vials .....	6 16
201	"	H. E. Parker .....	Bottle racks .....	32 31
202	"	Central Union Tel. Co .....	Exchange service to Jan. 1. 1899 .....	5 00
203	"	W. U. T. Co .....	Telegram .....	2 75
204	"	N. Watry .....	Thermometer .....	8 00
205	"	Schipper & Bock Carpet Co .....	Fish net .....	13 20
206	"	L. S. Foster .....	Copy of Auk .....	3 00
207	"	Doubleday & McClure Co .....	Book .....	2 70
208	"	S. W. Shattuck, business mgr .....	Expressage .....	8 90
209	"	H. C. Forbes .....	Salary, January, 1899 .....	91 66
210	"	C. A. Hart .....	" .....	83 33
211	"	Mary J. Snyder .....	" .....	75 00
212	"	C. A. Kofoid .....	" .....	108 33
213	"	Miles Newberry .....	" .....	25 00
214	"	Wallace Craig .....	" .....	45 00
215	"	Harlan Scott .....	" .....	20 00



## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
	1899			
216	Jan. 31	Lydia M. Hart.....	Drawings.....	\$49 95
217	"	Ruby T. De Motte.....	"	8 10
218	"	D. H. Lloyd & Son.....	Stationery, etc.....	5 50
219	"	Starr & Cogswell.....	Repairs on engine and materials...	57 52
220	"	Miss M. L. Waldo.....	Assistance.....	5 10
221	"	Miss L. C. Woosley.....	"	2 03
222	"	Hubbard & Sons.....	Tank.....	15 00
223	"	Osprey Publishing Co.....	Periodicals.....	1 00
224	"	Macmillan Co.....	Books.....	2 45
225	"	Montgomery Ward & Co.....	Netting, etc.....	9 46
226	"	Dennison Mfg. Co.....	Tags.....	1 55
227	"	W. E. Longley.....	Cocoons.....	1 50
228	"	H. O. Woodworth.....	Salary, January, 1899.....	72 42
229	"	James Dewey.....	"	36 57
230	"	Duland & Co.....	Foreign publications.....	26 99
231	"	R. Freidlander & Son.....	"	70 90
232	"	Speyer & Peters.....	Books.....	13 44
233	"	Wm. Wesley & Son.....	Foreign publications.....	33 51
234	Feb. 15	Western Union Tel. Co.....	Telegrams.....	2 26
235	"	<i>The Gazette</i> .....	Printing.....	4 25
236	"	H. C. Forbes.....	Petty expenses.....	5 62
237	"	Library bureau.....	Cards.....	1 13
238	"	Dennison Mfg. Co.....	Tags.....	2 00
239	"	Montgomery Ward & Co.....	Nettings.....	1 92
240	"	Ward Bros.....	Pamphlet.....	19 15
241	Feb. 28	Wm. Wesley & Son.....	Subscription.....	8 22
242	"	Christopher Schröder.....	Foreign publications.....	11 68
243	"	Young J. Peutland.....	Subscription.....	3 54
244	"	S. A. Forbes.....	Salary, 3 mos. to Feb. 28, 1899.....	62 50
245	"	H. C. Forbes.....	Salary, February, 1899.....	91 66
246	"	Chas. A. Hart.....	"	83 33
247	"	Mary J. Snyder.....	"	75 00
248	"	Harlan Scott.....	"	20 00
249	"	C. A. Kofoid.....	"	108 33
250	"	Wallace Craig.....	"	45 00
251	"	Miles Newberry.....	"	25 00
252	March 10	Macmillan & Co.....	Periodicals.....	1 00
253	"	S. A. Forbes.....	Expenses.....	48 75
254	"	W. W. Lindley, P. M.....	Stamps.....	9 00
255	"	Cunningham Bros.....	Zinc, oxide, etc.....	2 85
256	"	<i>Champaign County Herald</i> .....	Library cards.....	6 75
257	"	Bausch & Lomb Optical Co.....	Field glass, etc.....	25 08
258	"	F. K. Robeson & Bro.....	Linoleum.....	16 88
259	"	Edison Mfg. Co.....	Books.....	6 16
260	"	James C. Needham.....	Expenses.....	7 66
261	"	R. Ellsworth Call.....	Books.....	5 25
262	"	London Ptg. & Pub. Co.....	"	2 25
263	"	H. O. Woodworth.....	Salary.....	71 00
264	"	C. A. Kofoid.....	Petty expenses.....	20 00
265	"	Miles Newberry.....	Work on field net, etc.....	19 25
266	"	A. V. Boening.....	Tar.....	4 00
267	"	Ruby T. DeMotte.....	Drawing.....	4 65
268	"	Lydia M. Hart.....	Drawings.....	34 35
269	"	James Dewey.....	Salary, ice box, etc.....	48 50
270	March 15	Palmer Slide Co.....	Plate glass, etc.....	1 50
271	"	W. U. T. Co.....	Telegrams.....	1 05
272	"	Franklin Eng. & Elect. Co.....	Cut.....	7 09
273	"	Dennison Mfg. Co.....	Tags.....	3 25
274	"	Montgomery Ward & Co.....	Netting, etc.....	7 70
275	"	John Wiley & Son.....	Book.....	2 98
276	"	Bernard Quaritch.....	Periodicals.....	14 88
277	"	William Wesley & Son.....	Foreign publications.....	14 00
278	"	Burrows Bros. Co.....	Book.....	4 00
279	"	T. H. Trevett.....	Welsbach mantles, etc.....	5 60
280	"	H. C. Forbes.....	Expenses.....	4 56
281	"	Chas. W. Smiley.....	Publications.....	1 50
282	"	G. P. Putnam's Sons.....	Review of N. America.....	1 80
283	"	Thayer & Jackson Sta. Co.....	Paper fastners.....	1 35
284	March 31	C. A. Kofoid.....	Salary, March, 1899.....	108 33
285	"	Chas. A. Hart.....	"	83 33
286	"	H. C. Forbes.....	"	91 66
287	"	Mary J. Snyder.....	"	75 00
288	"	Wallace Craig.....	"	45 00
289	"	Miles Newberry.....	"	25 00
290	"	Harlan Scott.....	"	20 00
291	"	H. O. Woodworth.....	Salary.....	76 68
292	"	James Dewey.....	Salary, etc.....	45 35
293	"	<i>Champaign County Herald</i> .....	Paper.....	4 00

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
	1899			
294	March 31	Macmillan & Co.	Books.....	\$3 85
295	"	S. Raymond Roberts, treas.	"	3 00
296	"	M. M. Georges, Carre & Co.	Periodicals.....	6 44
297	"	J. C. Winship Co.	Bulletins.....	193 75
298	"	S. A. Forbes.	Expenses.....	25 00
299	"	W. W. Lindley, P. M.	Envelopes and stamps	13 00
300	"	S. W. Shattuck, business mgr.	Express.....	11 90
301	April 10	Chas. A. Besley.	Polished brass, etc.	5 66
302	"	S. A. Forbes.	Petty expenses.	35 00
303	"	Fred Fette.	Lumber.....	1 63
304	"	G. B. Halzgrafe.	Twine, etc.	8 15
305	"	J. C. Winship Co.	Bulletins.....	54 05
306	"	H. C. Forbes.	Petty expenses.	6 03
307	"	Miller & Leming.	Instrument cases.	24 50
308	"	W. W. Lindley, P. M.	Postage, etc.	50 85
309	"	W. U. T. Co.	Telegrams.....	2 81
310	"	Morrill & Morley.	Atomizer.....	1 25
311	"	Central Union Tel. Co.	Services, 3 mos. ending June 30, 1899	5 00
312	"	Ward Bros.	Binding.....	64 50
313	April 21	C. A. Kofoid.	Salary, April, 1899.	108 33
314	"	Wallace Craig.	"	45 00
315	"	H. C. Forbes.	"	91 66
316	"	C. A. Hart.	"	83 33
317	"	Mary J. Snyder.	"	75 00
318	"	Lydia M. Hart.	"	41 30
319	"	Harlen Scott.	"	20 00
320	"	C. W. Alvord.	Books.....	18 00
321	"	Bausch & Lomb Optical Co.	Subscription.....	1 00
322	"	Macmillan & Co.	Subscription to "Nature"	6 00
323	"	C. A. Kofoid.	Petty expenses.	20 00
324	"	W. A. Saffello Co.	Repairs on bicycle.	3 83
325	"	<i>The Gazette</i> .	Printing labels, etc.	1 15
326	"	Blue Print Dept. U. of I.	Negatives.....	1 00
327	"	Gustav Fischer.	Book.....	2 12
328	"	K. F. Koehler.	Periodicals.....	5 25
329	"	John Whildon & Co.	Books.....	15 66
330	"	Wm. Wesley & Co.	"	6 24
331	May 15	R. Friedlander & Son.	Foreign Publications	335 90
332	"	H. C. Forbes.	Transportation charges on books.	14 03
333	"	John Schoedberger.	Adjustable blinds.	4 20
334	"	H. O. Woodworth.	Work.....	12 78
335	"	Champaign Co. Ptg. Co.	Printing letter heads, etc.	3 35
436	"	S. A. Forbes.	Expenses.....	42 51
337	"	E. H. Sargent & Co.	Corks.....	9 40
338	"	A. L. Butz Cork Co.	"	3 78
339	"	Miss M. L. Waldo.	Work.....	8 85
340	"	H. C. Forbes.	Petty expenses.	20 00
341	"	Lydia M. Hart.	Drawing.....	45 85
342	"	C. A. Kofoid.	Petty expenses.	20 00
343	"	S. A. Forbes.	Salary, 3 mos. to May 31, 1899.	62 50
344	"	C. A. Kofoid.	Salary, May, 1899.	108 33
345	"	Wallace Craig.	"	5 19
346	"	Miles Newberry.	"	68 33
347	"	Lawrence Hurley.	"	19 00
348	"	C. A. Hart.	"	89 33
349	"	H. C. Forbes.	"	91 66
350	"	Mary J. Snyder.	"	75 00
351	"	Harlen Scott.	"	20 00
352	"	S. W. Shattuck, business mgr.	Express paid, etc.	11 15
353	June 10	Hubbard & Sons.	Hardware.....	4 55
354	"	H. O. Woodworth.	Labor.....	31 95
355	"	J. W. Critchley.	Insect pins.....	9 21
356	"	Buchie Printer's Roller Co.	Brayor handle.	1 50
357	"	Illinois Glass Co.	Pomades.....	1 30
358	"	Western Union Tel. Co.	Telegrams.....	2 34
359	"	<i>The Gazette</i> .	Labels and printing.	2 20
360	"	Thayer & Jackson Sta. Co.	Paper clips.....	1 35
361	"	D. H. Lloyd & Son.	Ink, etc.	4 45
362	"	H. C. Porter.	Bobinet.....	2 00
363	"	Wyckoff, Seamans & Benedict.	Ribbons, etc.	6 30
364	"	H. C. Forbes.	Freight, expense, etc.	45 89
365	"	Library Bureau.	Record sheets, etc.	9 80
366	"	<i>The Nautilus</i> .	Subscription to May, 1900.	1 00
367	"	E. T. Cresent.	Book.....	1 00
368	"	<i>Science</i> .	Subscription.....	5 00
369	"	Lydia M. Hart.	Work.....	36 40
370	"	Dennison Mfg. Co.	Box for telescope.	6 00
371	"	B. F. Gump.	Cloth.....	3 06

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
	1899			
372	June	10 Miller & Arthur.....	Pine tar .....	\$1 75
373	"	S. A. Forbes.....	Freight paid.....	5 05
374	"	S. W. Shattuck, business mgr..	Express paid.....	4 90
375	"	Chemical Laboratory, U. of I..	Tubing, chemicals, etc.....	4 04
376	"	W. W. Lindley, P. M.....	Envelopes, etc.....	17 10
377	"	E. Atkinson.....	Work .....	6 00
378	"	Pantagraph Ptg. & Sta. Co.....	Tablets .....	15 60
379	"	Cunningham Bros.....	Chemicals .....	1 25
380	"	A. Smith & Sons.....	Forceps.....	2 50
381	"	Knowlton & Bennett.....	Glass, etc.....	4 00
382	"	Bausch & Lomb Optical Co.....	Insect pins .....	9 90
383	"	Montgomery Ward & Co.....	Hardware, etc.....	25 19
384	"	Nat. Ry. Publication Co.....	Railway guide.....	5 00
385	"	Macmillan & Co.....	Books.....	4 44
386	"	G. P. Putnam's Sons.....	Bird studies (book).....	5 00
387	"	E. P. Dutton & Co.....	Books.....	5 00
388	"	Rand, McNally Co.....	Maps.....	1 50
389	"	Franklin Eng. & Elect. Co.....	Zinc cuts .....	33 31
390	"	H. C. Forbes.....	Expenses .....	20 00
391	"	Wm. Wesley & Son.....	Foreign publications .....	5 98
392	"	Bernard Quaritch.....	" .....	6 73
393	"	Paul Klincksieck.....	" .....	4 73
394	June	30 C. A. Kofoid.....	Salary, June, 1899.....	108 37
395	"	H. C. Forbes.....	" .....	91 74
396	"	Chas. A. Hart.....	" .....	83 37
397	"	Mary J. Snyder.....	" .....	50 13
398	"	Alice M. Beach.....	" .....	60 00
399	"	Miles Newberry.....	" .....	50 00
400	"	Lawrence Hurley.....	" .....	15 00
401	"	Harlen Scott.....	" .....	20 00
402	"	Corning & Co.....	Alcohol .....	17 95
403	"	James A. Blanchard.....	Tobacco dust.....	4 48
404	"	Franklin E. & E. Co.....	Zinc cuts .....	8 10
405	"	L. R. Roberts.....	Subscription .....	3 00
406	"	Western Union Tel. Co.....	Telegrams .....	3 37
407	"	C. T. Busch.....	Hanging pictures.....	1 00
408	"	Lydia M. Hart.....	Drawings.....	41 56

## AGRICULTURAL EXPERIMENT STATION WARRANTS.

No.	Date.	To whom.	For what.	Amount.
	1898			
1	July	15 S. W. Shattuck, business mgr..	Pay-rolls, men, June, 1898.....	\$676 00
2	"	T. J. Burrill.....	Salary, July, 1898.....	50 00
3	"	30 W. L. Pillsbury.....	" .....	25 00
4	"	E. Davenport.....	" .....	95 83
5	"	D. McIntosh.....	" .....	25 00
6	"	P. G. Holden.....	" .....	54 16
7	"	J. C. Blair.....	" .....	45 83
8	"	C. G. Hopkins.....	" .....	125 00
9	"	W. J. Fraser.....	" .....	37 50
10	"	C. P. Clinton.....	" .....	83 33
11	"	Kate McIntyre.....	" .....	55 00
12	"	S. W. Shattuck.....	" .....	16 66
13	"	C. A. Besore.....	Coal, lumber, etc.....	12 17
14	"	Hubbard & Sons.....	Barbed wire, etc.....	33 53
15	"	E. W. Sampson.....	Mason jars .....	13 50
16	"	Campbell & Spading.....	Shoeing horses, etc.....	28 40
17	"	Twin City Ice & Cold Stge. Co.	Ice .....	36 00
18	"	C. H. Baddeley.....	Potatoes .....	2 80
19	"	T. W. Corkery.....	Shoeing .....	5 50
20	"	G. C. Willis.....	Cloth .....	1 83
21	"	Wm. Price estate.....	Paint, oil, etc.....	4 05
22	"	T. H. Trevett.....	Lawn mower, supplies, etc.....	51 83
23	"	Burrill & Davis.....	Plow .....	12 00
24	"	E. Henry.....	Supplies .....	15 15
25	"	Miller Harness Co.....	Harness, etc.....	6 35
26	"	J. F. Miller.....	" .....	23 40
27	"	The Gazette.....	Printing, etc.....	20 15
28	"	F. K. Robeson & Bro.....	Flag and denims .....	4 75
29	"	A. F. Meeks.....	Pump .....	3 00

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
30	July 15	1898		
31	July 15	D. H. Lloyd & Son.....	Stationery.....	\$9 30
32	..	Frison Bros.....	Repairing wagon, etc.....	23 85
33	..	W. F. Hardy.....	Machinery, seed, etc.....	69 25
34	..	Warder, Bushnell, Glessner Co.	Repair for machine.....	2 63
35	..	A. H. Barber Mfg. Co.....	Brushes, etc.....	3 00
36	..	H. McFadden & Bro.....	Bran.....	7 00
37	..	Weeks & Co.....	Straw.....	5 50
38	..	Pattengale Bros.....	Bran.....	14 00
39	..	W. H. Wright.....	Labor.....	6 00
40	..	Hack & Anderson.....	Printing bulletin.....	304 68
41	..	W. H. Beckwith.....	Twine.....	3 35
42	..	P. G. Holden.....	Expenses.....	10 55
43	..	G. P. Clinton.....	..	17 25
44	Aug. 15	E. Davenport.....	Petty expenses.....	13 61
45	..	Hubbard & Sons.....	Hardware, etc.....	5 59
46	..	Cunningham Bros.....	Paris green, etc.....	4 00
47	..	John Armstrong.....	Seed.....	2 00
48	..	Walker & Mulliken.....	Iron beds, etc.....	18 00
49	..	Standard Oil Co.....	Oil.....	4 24
50	..	Chas. A. Besore.....	Coal.....	3 79
51	..	W. W. Lindley, P. M.....	Postage.....	5 00
52	..	Pantagraph Printing & Sta. Co.	Stationery, etc.....	16 70
53	..	J. C. Blair.....	Diamond pencil.....	1 50
54	..	<i>Champaign County Herald</i> .....	Printing.....	6 50
55	..	Baddeley & Barton.....	Lard cans.....	3 60
56	..	H. W. Beckwith.....	Mason jars.....	5 33
57	..	S. W. Shattuck, business mgr.	Pay-rolls, men, July, 1898.....	446 31
58	..	S. W. Shattuck, business mgr.	Express and papering.....	17 84
59	Aug. 31	T. J. Burrill.....	Salary, August, 1898.....	50 00
60	..	W. L. Pillsbury.....	..	25 00
61	..	E. Davenport.....	..	95 83
62	..	D. McIntosh.....	..	25 00
63	..	P. G. Holden.....	..	54 17
64	..	J. C. Blair.....	..	45 83
65	..	C. G. Hopkins.....	..	125 00
66	..	W. J. Fraser.....	..	37 50
67	..	G. P. Clinton.....	..	83 33
68	..	Kate McIntyre.....	..	55 00
69	Sept. 15	S. W. Shattuck, business mgr.	..	16 67
70	..	W. J. Fraser.....	Expenses.....	27 26
71	..	C. & U. Phoenix Tel. Co.....	Service to Sept. 15, 1898.....	3 00
72	..	E. A. Riehl.....	Strawberry plants.....	2 00
73	..	Samuel Bartley.....	Labor.....	7 50
74	..	C. E. Fritzwater.....	Oats.....	25 00
75	..	R. T. Robinson.....	Grinding feed, etc.....	8 41
76	..	J. Manz & Co.....	Engravings.....	74 40
77	..	Hack & Anderson.....	Printing bulletins.....	193 26
78	..	Henry Heil Chemical Co.....	Chemicals.....	208 87
79	Sept. 30	T. J. Burrill.....	Salary, September, 1898.....	50 00
80	..	W. L. Pillsbury.....	..	25 00
81	..	E. Davenport.....	..	95 84
82	..	D. McIntosh.....	..	25 00
83	..	P. G. Holden.....	..	54 17
84	..	J. C. Blair.....	..	50 00
85	..	C. G. Hopkins.....	..	125 00
86	..	W. J. Fraser.....	..	41 66
87	..	G. P. Clinton.....	..	66 66
88	..	Kate McIntyre.....	..	55 00
89	..	S. W. Shattuck, business mgr.	..	16 67
90	..	S. W. Shattuck, business mgr.	Pay-rolls August, 1898.....	346 65
91	..	<i>The Gazette</i> .....	Tags.....	1 00
92	..	G. C. Willis.....	Flannel, etc.....	11 52
93	..	Knowlton & Bennett.....	Paper, sponges, etc.....	7 45
94	..	D. H. Lloyd & Son.....	Wrapping paper, etc.....	2 55
95	..	Jos. Kuhn & Son.....	Rubber coat.....	3 75
96	..	T. H. Trevett.....	Barb wire, etc.....	2 83
97	..	E. Henry.....	Oil, soap, etc.....	4 03
98	..	C. A. Besore.....	Coal, etc.....	16 44
99	..	P. G. Holden.....	Expenses.....	35 74
100	..	E. A. Riehl.....	Traveling expenses.....	12 50
101	Oct. 10	George Ely.....	Setting tire.....	4 00
102	..	E. Davenport.....	Expenses.....	4 73
103	..	<i>Champaign County Herald</i> .....	Repairing mailer, etc.....	6 30
104	..	A. C. McClurg & Co.....	Repairing typewriter, etc.....	5 01
105	..	T. W. Corkery.....	Repairing.....	5 00
106	..	Swannell Mfg. Co.....	Flax seed.....	6 00
107	..	R. T. Robinson.....	Grinding feed, etc.....	16 83
108	..	R. Betz.....	Straw.....	70 00

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
108	Oct. 10	<i>The Gazette</i> .....	Tags .....	\$1 00
109	"	Henry Troemer .....	Balance .....	95 30
110	"	Henry Heil Chemical Co. ....	Tubing .....	2 75
111	"	M. Lowenstern & Son .....	Towels .....	1 00
112	"	Campbell & Spalding .....	Shoeing horses .....	12 80
113	"	W. F. Hardy .....	Seeds, twine, etc. ....	12 12
114	"	U. & C. Ry Gas & Electric Co. ....	Tar .....	14 00
115	"	Cunningham Bros .....	Chemicals .....	1 30
116	"	H. Swannell .....	Lead, etc .....	2 93
117	"	Twin City Ice & Cold Storage Co. ....	Ice .....	24 00
118	"	Percival & Hall .....	Sapello, etc. ....	3 15
119	"	Hubbard & Sons .....	Hangers, hardware, etc. ....	12 55
120	"	J. M. Thorburn & Co. ....	Potatoes .....	1 75
121	"	C. H. Baddeley .....	Soda, gold dust, etc. ....	16 15
122	"	Wm. Price estate .....	Oil .....	2 23
123	"	Burrill & Davis .....	Twine .....	1 00
124	"	W. W. Lindley .....	Stamps .....	14 95
125	"	Frison Bros .....	Repairing buggy tires, etc. ....	2 25
126	"	O. L. Percival .....	Clover hay .....	23 90
127	"	H. M. Shuck & Co. ....	Drawer pulls, etc .....	2 40
128	"	Chicago Drivers' Journal .....	Advertising .....	2 52
129	"	G. E. Stechert .....	Books .....	17 02
130	Oct. 20	P. G. Holden .....	Expenses .....	15 30
131	"	Isaac S. Raymond .....	" .....	3 50
132	"	H. S. Grindley .....	" .....	15 50
133	"	F. J. Holt .....	Labor, etc .....	2 50
134	"	Hack & Anderson .....	Printing bulletins .....	110 30
135	"	S. W. Shattuck .....	Pay-rolls for September, 1898. ....	478 93
136	Oct. 31	T. J. Burrill .....	Salary, October, 1898 .....	50 00
137	"	W. L. Pillsbury .....	" .....	25 00
138	"	E. Davenport .....	" .....	95 83
139	"	D. McIntosh .....	" .....	25 00
140	"	P. G. Holden .....	" .....	54 16
141	"	J. C. Blair .....	" .....	50 00
142	"	W. J. Fraser .....	" .....	41 67
143	"	C. G. Hopkins .....	" .....	125 00
144	"	G. F. Clinton .....	" .....	66 67
145	"	Kate McIntyre .....	" .....	55 00
146	"	S. W. Shattuck .....	" .....	16 66
147	Nov. 10	H. A. Woodward .....	Labor .....	44 88
148	"	University of Illinois .....	Heat, light and water .....	120 00
149	"	Gustav E. Stechert .....	Periodicals .....	13 31
150	"	E. H. Sargent & Co. ....	Sulphuric acid, etc .....	71 22
151	"	Twin City Ice & Cold Storage Co. ....	Ice .....	24 00
152	"	V. W. Shuck .....	Pipe elbows .....	4 50
153	"	Chas. A. Besore .....	Lumber and coal .....	7 22
154	"	Hubbard & Sons .....	Hardware, barb wire, etc. ....	22 56
155	"	Henry Heil Chemical Co. ....	Triangles, etc .....	1 38
156	"	W. W. Lindley .....	Postage .....	10 00
157	"	J. A. Prose .....	Repairing cultivator .....	1 00
158	"	W. L. Pillsbury .....	Windows .....	5 00
159	"	Montgomery Ward & Co. ....	Root cutter .....	8 10
160	"	C. & U. Phoenix Tel. Co. ....	Service to December 15, 1898 .....	3 00
161	Nov. 30	T. J. Burrill .....	Salary, November, 1898 .....	50 00
162	"	W. L. Pillsbury .....	" .....	25 00
163	"	E. Davenport .....	" .....	95 83
164	"	D. McIntosh .....	" .....	25 00
165	"	C. G. Hopkins .....	" .....	125 00
166	"	P. G. Holden .....	" .....	54 17
167	"	J. C. Blair .....	" .....	50 00
168	"	W. J. Fraser .....	" .....	41 67
169	"	G. P. Clinton .....	" .....	66 67
170	"	Kate McIntyre .....	" .....	55 00
171	"	S. W. Shattuck .....	" .....	16 67
172	"	R. S. Wilber .....	Drayage and freight .....	8 37
173	"	Cambridge Botanical Supply Co. ....	Herbarium, etc .....	24 89
174	"	Bausch & Lomb Optical Co. ....	Apparatus .....	8 25
175	Dec. 10	S. W. Shattuck, business mgr. ....	Pay roll, men, October, 1898. ....	413 09
176	"	C. A. Percival .....	Pasturing cattle .....	62 60
177	Dec. 15	Isaac S. Raymond .....	Expenses .....	2 50
178	"	N. B. Morrison .....	" .....	20 50
179	"	C. E. Fitzwater .....	Oats .....	50 00
180	"	W. W. Lindley .....	Postage .....	10 00
181	"	S. W. Shattuck, business mgr. ....	Pay-roll and express for Nov., 1898, etc .....	533 75
182	Dec. 31	T. J. Burrill .....	Salary, December, 1898 .....	50 00
183	"	W. L. Pillsbury .....	" .....	25 00
184	"	E. Davenport .....	" .....	95 84

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
	1898			
185	Dec. 31	D. McIntosh.....	Salary, December, 1898.....	\$25 00
186	"	P. G. Holden.....	" " " " " "	54 17
187	"	J. C. Blair.....	" " " " " "	50 00
188	"	C. G. Hopkins.....	" " " " " "	125 00
189	"	W. J. Fraser.....	" " " " " "	41 66
190	"	G. P. Clinton.....	" " " " " "	66 66
191	"	Kate McIntyre.....	" " " " " "	55 00
192	"	S. W. Shattuck.....	" " " " " "	16 67
193	"	Frison Bros.....	Repairing wagon.....	1 00
194	"	H. Swannell.....	Bottles, etc.....	5 70
195	"	Cunningham Bros.....	Chemicals.....	3 35
196	"	Samuel Bartley.....	Labor, etc.....	45 95
197	"	John B. Bennett.....	Repairing cistern.....	1 50
198	"	E. A. Riehl.....	Fruit, etc.....	7 00
199	"	T. Naughton.....	Photographs.....	13 93
200	"	D. H. Lloyde & Son.....	Invoice books, etc.....	2 20
201	"	Blue Print Department, U. of I.	Blue prints.....	2 15
202	"	Knowlton & Bennett.....	Glass, etc.....	6 44
203	"	Horticultural Visitor.....	Tree paint, etc.....	3 00
204	"	Burrill & Davis.....	Twine.....	1 00
205	"	E. Henry.....	Brooms, etc.....	4 85
206	"	Union Tile Co.....	Tile.....	4 75
207	"	Creamery Package Mfg. Co.....	Milk jars.....	10 67
208	"	Hubbard & Sons.....	Hardware.....	18 70
209	"	C. A. Besore.....	Lumber.....	22 32
210	"	C. H. Baddeley.....	Chimneys.....	1 00
211	"	<i>The Gazette</i> .....	Printing vouchers.....	2 60
212	"	Fred B. Hubbard.....	Cans.....	21 25
213	"	E. C. Green.....	Silver prints.....	3 45
214	"	W. F. Hardy.....	Binder twine, etc.....	2 90
215	"	Thos. Naughton.....	Photographs.....	3 20
216	"	G. C. Willis.....	Towels.....	2 75
217	"	Cunningham Bros.....	Tissue paper.....	2 09
218	"	Chas. A. Besore.....	Coal.....	22 56
219	"	E. L. Vest.....	".....	6 25
220	"	T. H. Trevett.....	Pipe register, etc.....	6 50
221	"	Knowlton & Bennett.....	Glass, etc.....	1 10
222	"	Campbell & Spaulding.....	Shoeing horses.....	8 50
223	"	Robinson & Burr.....	Steel gear.....	6 05
224	"	Hubbard & Sons.....	Valves, hinges, etc.....	4 95
225	"	J. F. Miller.....	Harness, dressing, etc.....	4 00
226	"	Newell Cook.....	Literary files, etc.....	4 00
227	"	H. Swannell.....	Prescriptions.....	4 00
228	"	S. W. Shattuck, business m'gr	Freight and express.....	1 81
	1899			
229	Jan. 20	E. Davenport.....	Expenses.....	13 65
230	"	Gustave E. Stechert.....	Books.....	15 65
231	"	<i>Champaign County Herald</i> .....	Printing.....	49 50
232	"	E. E. Mathews.....	Hay.....	7 20
233	"	S. B. Hedges.....	Timothy hay.....	6 12
234	"	R. T. Robinson.....	Grinding feed, etc.....	32 92
235	"	W. W. Lindley, P. M.....	Postage.....	10 00
236	"	H. McFadden & Bros.....	Bran.....	14 50
237	"	Champaign Roller Mills.....	".....	28 00
238	"	Hubbard & Sons.....	Blacksmith work.....	13 46
239	"	Mittendorf & Kiler.....	Chair.....	6 00
240	"	E. Davenport.....	Traveling expenses.....	73 75
241	"	City of Urbana.....	License for milk wagon.....	10 50
242	"	S. W. Shattuck, business m'gr	Pay-roll, December, 1898.....	393 34
243	Jan. 31	T. J. Burrill.....	Salary, January, 1899.....	50 09
244	"	W. L. Pillsbury.....	" " " " " "	25 00
245	"	E. Davenport.....	" " " " " "	95 83
246	"	D. McIntosh.....	" " " " " "	25 00
247	"	P. G. Holden.....	" " " " " "	54 16
248	"	J. C. Blair.....	" " " " " "	50 00
249	"	W. J. Fraser.....	" " " " " "	41 67
250	"	C. G. Hopkins.....	" " " " " "	125 00
251	"	G. P. Clinton.....	" " " " " "	66 67
252	"	Kate McIntyre.....	" " " " " "	55 00
253	"	S. W. Shattuck.....	" " " " " "	16 66
254	Feb. 15	R. T. Robinson.....	Bran, etc.....	45 34
255	"	E. W. D. Holway.....	Book.....	7 19
256	"	Glucose Sugar Refining Co.....	Sugar.....	5 04
257	"	H. M. Shuck & Co.....	Repairs of tank.....	3 75
258	"	Hubbard & Sons.....	Hardware.....	6 90
259	"	Frison Bros.....	Repairs on dairy wagon.....	2 00
260	"	W. W. Lindley.....	Postage, etc.....	11 50
261	"	Asso. of Am. Agri. Col. & Exp. Sta	Membership for 1898-1899.....	10 00

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
262	Feb. 1899	C. & U. Phoenix Telephone Co.	Services to March 15, 1899	\$3 00
263	"	F. M. Irwine	Logs	4 15
264	"	Creamery Pkg. Mfg. Co.	Milk sampler, etc.	4 35
265	"	Alexander Lumber Co.	Lumber	26 86
266	"	Miller Harness Co.	Repairing harness, etc.	8 80
267	"	Chas. A. Besore	Lumber, coal, etc.	44 28
268	"	S. W. Shattuck, business m'gr	Express, etc.	4 86
269	"		Pay-rolls, January, 1899	350 43
270	"	McIntosh Battery & Optical Co.	Slides	3 20
271	"	S. B. Hedges	Hay	6 33
272	"	T. Naughton	Mounting photographs	1 50
273	"	John J. McGowen	Injector	5 00
274	Feb. 28	T. J. Burrill	Salary, February, 1899	50 00
275	"	W. L. Pillsbury	"	25 00
276	"	E. Davenport	"	95 83
277	"	D. McIntosh	"	25 00
278	"	P. G. Holden	"	54 17
279	"	J. C. Blair	"	50 00
280	"	C. G. Hopkins	"	125 00
281	"	W. J. Fraser	"	41 67
282	"	G. P. Clinton	"	66 67
283	"	Kate McIntyre	"	55 00
284	"	S. W. Shattuck	"	16 67
285	March 15	E. A. Riehl	Expenses	13 90
286	"	H. B. Gurler	"	15 66
287	"	R. T. Robinson	Oats, etc.	16 10
288	"	Champaign Roller Mills	Bran	42 00
289	"	C. H. Baddeley	Chimneys, soap, etc.	7 45
290	"	Chas T. Wilder	Expenses for prints	8 80
291	"	Champaign County Herald	Printing circulars, etc.	7 75
292	"	F. H. Littler	Sawing lumber	2 50
293	"	H. Swannell & Son	Oil	5 35
294	"	T. W. Corkey	Shoeing horses	5 50
295	"	Machine Supply Co.	Flues, etc.	13 77
296	"	Hubbard & Sons	Hardware	16 23
297	"	Campbell & Spalding	Repairs, etc.	1 25
298	"	Frison Bros.	Repairs of wagon, etc.	2 25
299	"	Chas. A. Besore	Lumber and coal	17 10
300	"	Gustave E. Stechert	Books	8 19
301	"	Jas J. H. Gregory & Son	Seeds, etc.	1 10
302	"	J. C. Vaughn	Seeds	1 07
303	"	G. Cramer D. P. Co.	Dry plates	21 17
304	"	Knowlton & Bennett	Ledgers, etc.	6 83
305	"	Morrill & Morley	Hose, etc.	16 00
306	"	Wm. M. Maule	Seeds	1 60
307	"	A. C. McClurg & Co.	Ribbons for typewriter	4 62
308	"	Johnson & Stokes	Seeds, etc.	1 00
309	"	W. W. Rawson & Co.	Seeds	1 95
310	"	Peter Henderson & Co.	"	3 90
311	"	J. M. Thorburn & Co.	"	20 16
312	"	W. Atlee Burpee & Co.	"	8 65
313	"	P. G. Holden	Petty expenses	11 71
314	"	S. W. Shattuck, business m'gr	Pay-roll, February, 1899	368 79
315	March 31	T. J. Burrill	Salary, March, 1899	50 00
316	"	W. L. Pillsbury	"	25 00
317	"	E. Davenport	"	95 84
318	"	D. McIntosh	"	25 00
319	"	P. G. Holden	"	54 17
320	"	J. C. Blair	"	50 00
321	"	W. J. Fraser	"	41 66
322	"	C. G. Hopkins	"	125 00
323	"	G. P. Clinton	"	66 66
324	"	Kate McIntyre	"	55 00
325	"	S. W. Shattuck	"	16 67
326	"	J. C. Suffern	Seeds	2 95
327	"	W. W. Lindley	Postage	10 00
328	"	Isaac S. Raymond	Expenses	2 50
329	"	S. B. Hedges	Hay	69 21
330	"	H. Howard	Seed corn	3 00
331	"	C. L. Mann	Zinc plant labels	6 00
332	"	E. G. Mendenhall	Trees	2 35
333	"	L. L. Olds	Seeds	1 17
334	"	Johnson & Stokes	"	1 58
335	"	Peter Henderson & Co.	Seeds, etc.	1 31
336	"	T. H. Trevett	Hardware	12 49
337	"	G. C. Willis	Toweling	8 38
338	"	Hubbard & Sons	Hardware	16 50
349	"	Cunningham Bros	Lantern, etc.	4 64

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
340	1899			
341	March 31	Campbell & Spaulding .....	Shoeing horses .....	\$8 00
342	"	Standard Oil Co. ....	Oil .....	4 68
343	"	W. H. Owen .....	Whale oil soap .....	7 29
344	"	F. K. Robson & Bro. ....	Towels .....	1 43
345	"	Creamery Pkg. Mfg. Co. ....	Glass jars .....	3 23
346	"	Miller & Sampson .....	Collars, repairs .....	8 00
347	"	C. H. Baddeley .....	Gold dust, soap, etc. ....	3 90
348	"	T. Naughton .....	Photographs .....	5 20
349	"	Chas. A. Besore .....	Lumber and coal .....	17 15
350	"	C. H. Russell & Co. ....	Galvanized air bath .....	3 70
351	"	Goulds Mfg. Co. ....	Pump .....	13 10
352	"	H. Swannell & Son .....	Filling prescriptions .....	3 65
353	"	C. & U. Phoenix Tel. Co. ....	Services to June 5, 1899 ..	3 00
354	"	Walker & Mulliken .....	Stool, etc .....	4 01
355	"	<i>Champaign County Herald</i> ..	Printing circulars .....	4 25
356	"	J. Manz & Co. ....	Half tones .....	39 10
357	"	E. Davenport .....	Petty expenses .....	11 45
358	April 10	S. W. Shattuck, business m'g'r	Freight and express .....	11 79
359	"	G. E. Stechert .....	Books .....	58 28
360	"	T. W. Wood & Sons .....	Seeds .....	1 05
361	"	H. M. Baker .....	Oats .....	5 37
362	"	Miller-Harness Co. ....	Oil .....	1 35
363	"	L. L. Olds .....	Seeds .....	4 28
364	"	J. M. Thorburn & Co. ....	" .....	9 09
365	"	Knowlton & Bennett .....	Glass, etc. ....	20 68
366	"	C. A. Besore .....	Lumber and coal .....	11 47
367	"	Metropolitan Job Ptg. Office ..	Postal guide .....	2 50
368	"	W. W. Lindley, P. M. ....	Postage .....	10 00
369	"	Alexander Lumber Co. ....	Lime .....	1 60
370	"	H. M. Shuck & Co. ....	Smoke stack, etc .....	6 00
371	"	University of Illinois .....	Heat, light and water, July 1, 1899 ..	120 00
372	"	S. B. Hedges .....	Hay .....	5 65
373	"	Union Roller Mills .....	Grinding feed .....	37 30
374	"	R. T. Robinson .....	" .....	2 15
375	"	Champaign Roller Mills .....	Bran .....	167 50
376	April 30	John A. Salzer Seed Co. ....	Seed corn .....	1 00
377	"	S. W. Shattuck, Business M'g'r	Pay-rolls, March, 1899 ..	392 99
378	"	T. J. Burrill .....	Express, etc .....	13 97
379	"	W. L. Pillsbury .....	Salary, April, 1899 .....	50 00
380	"	E. Davenport .....	" .....	25 00
381	"	D. McIntosh .....	" .....	95 83
382	"	P. G. Holden .....	" .....	25 00
383	"	J. C. Blair .....	" .....	54 16
384	"	C. G. Hopkins .....	" .....	50 00
385	"	W. J. Fraser .....	" .....	125 00
386	"	G. P. Clinton .....	" .....	41 67
387	"	Kate McIntyre .....	" .....	66 67
388	"	S. W. Shattuck .....	" .....	55 00
389	May 10	Swannell Mfg. Co. ....	" .....	16 66
390	"	J. W. Butler Paper Co. ....	Ground linseed cakes .....	24 00
391	"	Kirkpatrick Dept. Store .....	Paper .....	85 86
392	"	E. A. Robinson .....	Sacks .....	10 00
393	"	W. H. Stoddard .....	Plumbing, etc .....	3 30
394	"	W. W. Lindley .....	Dwarf seed beans .....	5 00
395	"	H. M. Baker .....	Postage .....	10 00
396	"	W. L. Pratt .....	Oats .....	15 05
397	"	Hack & Anderson .....	Hay .....	60 73
398	"	Creamery Pkg. Mfg. Co. ....	Printing bulletins .....	190 50
399	"	S. W. Shattuck, Business M'g'r	Jars, etc .....	20 40
400	May 15	H. Lieber Co. ....	Freight .....	11 32
401	"	Moline Plow Co. ....	Jars .....	4 40
402	"	J. McCollough .....	Runner for seeder .....	1 01
403	"	S. F. Earl .....	Milk .....	7 88
404	"	Augustine & Co. ....	Papering, etc .....	12 98
405	"	Hubbard & Sons .....	Apple trees .....	3 40
406	"	Skabcura Dip Co. ....	Hardware .....	23 12
407	"	C. A. Besore .....	Nicotine .....	4 00
408	"	H. Swannell & Son .....	Cement, coal, etc .....	10 58
409	"	<i>Champaign County Herald</i> ..	Chamois, etc .....	3 25
410	"	E. Davenport .....	Re-arranging mailing list, etc .....	30 60
411	"	S. W. Shattuck, Business M'g'r	Petty expenses .....	6 17
412	May 31	T. J. Burrill .....	Pay-roll, men, April, 1899 ..	501 37
413	"	W. L. Pillsbury .....	Salary, May, 1899 .....	50 00
414	"	E. Davenport .....	" .....	25 00
415	"	D. McIntosh .....	" .....	95 83
416	"	P. G. Holden .....	" .....	25 00
417	"	J. C. Blair .....	" .....	54 17
				50 00



## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
418	1899.			
419	May 31	C. G. Hopkins.....	Salary, May, 1899.....	\$125 00
420	"	W. J. Fraser.....	" " " " " "	41 67
421	"	G. P. Clinton.....	" " " " " "	66 67
422	"	Kate McIntyre.....	" " " " " "	55 00
423	"	S. W. Shattuck.....	" " " " " "	16 67
424	June 10	Fuller & Fuller Co.....	Acid.....	28 62
425	"	Union Tile Co.....	Tile.....	2 05
426	"	Frison Bros.....	Repairing wagon, etc.....	32 75
427	"	T. W. Corkery.....	Shoeing horses.....	3 50
428	"	W. W. Lindley.....	Postage.....	10 00
429	"	<i>Champaign County Herald</i> .....	Printing, etc.....	12 75
430	"	H. M. Coeray.....	Cow.....	35 00
431	"	Pattengale Bros.....	Baled hay.....	1 20
432	"	Union Roller Mills.....	Feed, etc.....	57 65
433	"	Ferguson & Craig.....	Repairing clock.....	1 00
434	"	Cunningham Bros.....	Blue vitriol, etc.....	11 50
435	"	J. C. Vaughan.....	Seeds.....	3 25
436	"	W. F. Hardy.....	Grass seeds, etc.....	15 00
437	"	Farmer Seed Co.....	Seeds.....	1 58
438	"	H. M. Page.....	Trees, etc.....	20 75
439	"	E. R. Welshly.....	Sawing stakes.....	1 75
440	"	H. Swannell & Son.....	Paints, etc.....	6 73
441	"	Hubbard & Sons.....	Hardware.....	10 01
442	June 20	Twin City Ice & Cold St'ge Co.....	Ice.....	24 00
443	"	S. W. Shattuck, Business M'gr.....	Pay-rolls, May, 1899.....	554 04
444	"	H. B. Gurler.....	Express, etc.....	18 88
445	"	Henry Troemner.....	Expenses.....	15 14
446	"	Samuel Bartley.....	Scale.....	11 20
447	"	F. S. Busey.....	Labor, etc.....	9 20
448	"	Gustav E. Stechert.....	Muslin.....	2 34
449	"	Chas. A. Besore.....	Books.....	19 09
450	"	W. I. Saffell & Co.....	Coal.....	9 78
451	June 30	T. J. Burrill.....	Pails.....	1 85
452	"	W. L. Pillsbury.....	Salary, June, 1899.....	50 00
453	"	E. Davenport.....	" " " " " "	25 00
454	"	D. McIntosh.....	" " " " " "	95 84
455	"	P. G. Holden.....	" " " " " "	25 00
456	"	J. C. Blair.....	" " " " " "	54 17
457	"	W. J. Fraser.....	" " " " " "	50 00
458	"	C. G. Hopkins.....	" " " " " "	41 66
459	"	G. P. Clinton.....	" " " " " "	125 00
460	"	Kate McIntyre.....	" " " " " "	66 66
461	"	S. W. Shattuck.....	" " " " " "	55 30
462	"	G. A. Garrison.....	" " " " " "	16 67
463	"	Champaign Roller Mills.....	Pasturing cattle.....	17 85
464	"	Union Roller Mills.....	Bran.....	15 00
465	"	Page & Kellogg.....	Feed.....	22 00
466	"	Chas. A. Besore.....	Tees, ells, etc.....	3 21
467	"	Samuel Bartley.....	Lumber, etc.....	21 43
468	"	Eugene Dietzgen & Co.....	Labor.....	5 00
469	"	Blue print dep't, U. of I.....	Instruments.....	35 00
470	"	J. Manz & Co.....	Photographs.....	6 50
471	"	G. E. Stechert.....	Half tones.....	17 55
472	"	Geo. W. Ingersoll.....	Books.....	7 50
473	"	D. H. Lloyd & Son.....	Creamery directory.....	2 00
474	"	J. G. Myers.....	Paper, etc.....	1 75
475	"	Fred L. Hatch.....	Rent of cow.....	30 00
476	"	C. & U. Phoenix Tel. Co.....	Expenses.....	13 00
477	"	Walker & Mulliken.....	Rent, 3 mos., to Sept. 15, 1899.....	3 00
478	"	Frison Bros.....	Frames.....	2 00
479	"	Hubbard & Sons.....	Repairs of wagon, etc.....	5 50
480	"	H. Gerbing.....	Hardware, etc.....	33 51
481	"	Creamery Pkg. Mfg. Co.....	Flag staff braces.....	1 00
482	"	T. H. Trevett.....	Tin covers, etc.....	2 00
483	"	A. B. Roseberry.....	Hardware, etc.....	21 30
484	"	J. E. Meharry.....	Photographs.....	1 00
485	"	E. Henry.....	" " " " " "	1 50
486	"	Pettengale Bros.....	Salt.....	1 10
487	"	Alexander Lumber Co.....	Corn.....	2 00
488	"	Larry & Larry.....	Lime, lumber, etc.....	23 07
489	"	W. F. Hardy.....	Twine.....	1 50
490	"	Twin City Ice & Cold St'ge Co.....	Grass seeds.....	3 50
491	"	Karlier Grocery Co.....	Ice.....	14 50
492	"	C. H. Baddeley.....	Sweet corn seed.....	1 00
493	"	G. C. Willis.....	Potatoes, salt, etc.....	6 25
494	"	Campbell & Spalding.....	Muslin, etc.....	13 59
495	"	T. W. Corkery.....	Shoeing horses.....	9 00
			Prescription.....	1 00

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
	1899.			
496	June 30	Bryant & McConney.....	Steel, tape, etc.....	\$6 40
497	"	Miller & Sampson.....	Repairing harness.....	7 50
498	"	Knowlton & Bennett.....	Window glass, etc.....	41 60
499	"	S. W. Shattuck, Business Mgr	Freight, express, etc.....	10 78
500	"		Pay-roll, men, June, 1899.....	123 73

## SCHOOL OF PHARMACY WARRANTS.

No.	Date.	To whom.	For what.	Amount.
	1898.			
1	July 15	Chicago Telephone Co.....	Service.....	\$31 25
2	"	W. B. Day, Actuary.....	Postage stamps.....	185 00
3	July 30	W. B. Day.....	Salary, July, 1898.....	75 00
4	"	Henry Eulert.....	".....	50 00
5	Aug. 15	Blakely Printing Co.....	Part payment printing alumni list.	50 00
6	Aug. 31	W. B. Day.....	Petty expenses.....	17 04
7	"	Mandel Bros.....	Mattings.....	16 00
8	"	W. B. Day.....	Salary, August, 1898.....	75 00
9	"	Henry Eulert.....	".....	50 00
10	Sept. 30	W. B. Day.....	Salary, September, 1898.....	75 00
11	"	Henry Eulert.....	".....	50 00
12	Oct. 10	W. B. Day, Actuary.....	Petty expenses, Aug. 20, 1898.....	31 78
13	"	Peabody Coal Co.....	Coal.....	153 00
14	"	Pictorial Printing Co.....	Labels.....	3 00
15	"	Orr & Lockett Hdw. Co.....	Files.....	11 25
16	"	Ford Roofing Co.....	Contract on roof.....	15 00
17	"	Gilbert & Bennett Mfg. Co.....	Wire netting.....	5 95
18	"	J. H. Clough.....	Rent 6 mos. to Oct. 31, 1898.....	1,200 00
19	"	E. H. Sargent & Co.....	Tubing, balance, etc.....	230 44
20	"	Fuller & Fuller Co.....	Paint.....	3 32
21	"	Chappell Chemical Co.....	Acids.....	6 55
22	"	Richards & Co.....	Forceps, etc.....	45 83
23	"	Donohue & Henneberry.....	Pads.....	3 38
24	"	Chicago Telephone Co.....	Rent to Jan. 1, 1899.....	31 25
25	"	Western Union Tel. Co.....	Services to Dec. 31, 1898.....	3 00
26	"	American Druggist Pub. Co.....	Advertisement.....	50 00
27	"	Druggist Circular.....	Advertising.....	33 34
28	"	Meyers Bros. Druggists.....	Advertisement.....	15 00
29	"	Henry R. Strong.....	".....	25 00
30	"	E. J. Anthony.....	Printing, etc.....	23 00
31	"	Rocky Mountain Druggist.....	Advertisement.....	20 00
32	"	Merck & Co.....	".....	40 00
33	"	Rogerson Press.....	Printing catalogue.....	279 55
34	"	D. O. Haynes & Co.....	Advertising.....	72 00
35	Oct. 31	F. M. Goodman.....	Salary, October, 1898.....	142 85
36	"	C. S. N. Hallberg.....	".....	142 85
37	"	W. A. Puckner.....	".....	142 85
38	"	W. B. Day, Actuary.....	".....	75 00
39	"	Henry Eulert.....	".....	50 00
40	"	W. B. Day, Actuary.....	Petty expenses.....	66 63
41	Nov. 10	E. J. Anthony.....	Time cards.....	3 00
42	"	Donohue & Henneberry.....	Paper.....	5 65
43	"	Richards & Co.....	Watch glasses, etc.....	14 13
44	"	P. F. Pettibone & Co.....	Rubber bands, etc.....	6 85
45	"	Neostyle Mfg. Co.....	Ink, etc.....	3 19
46	"	R. W. McCready Cork Co.....	Corks.....	8 22
47	"	Gilpin Langdon & Co.....	Drugs.....	34 44
48	"	Fuller & Fuller Co.....	Chemicals, etc.....	15 49
49	Nov. 21	Peabody Coal Co.....	Coal.....	100 00
50	"	W. B. Day, actuary.....	Petty expenses.....	34 93
51	"	J. H. Clough.....	Rent for November, 1898.....	200 00
52	Nov. 30	F. M. Goodman.....	Salary, November, 1898.....	142 85
53	"	C. S. N. Hallberg.....	".....	142 85
54	"	W. A. Puckner.....	".....	142 85
55	"	W. B. Day.....	".....	75 00
56	"	Henry Eulert.....	".....	50 00
57	Dec. 10	Neostyle Mfg. Co.....	Stencils, etc.....	6 19
58	"	Donohue & Henneberry.....	Paper.....	3 75
59	"	T. J. Burrill.....	Expenses.....	7 45
60	"	G. P. Engelhard & Co.....	Advertisement.....	20 00
61	"	Searle & Hereth Co.....	Drugs.....	4 20

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
62	Dec. 10	Morrison Plummer Co.	Drugs.	\$2 10
63	"	American Distilling Co.	Alcohol.	18 74
64	"	E. H. Sargent & Co.	Flasks, etc.	137 46
65	"	Fuller & Fuller Co.	Chemicals	34 66
66	Dec. 31	W. B. Day, actuary	Petty expenses to Dec. 20, 1898.	49 32
67	"	J. W. Clough	Rent for December, 1898	200 00
68	"	F. M. Goodman	Salary, December, 1898.	142 85
69	"	C. S. N. Hallberg.	"	142 85
70	"	W. A. Puckner	"	142 85
71	"	W. B. Day	"	75 00
72	"	Henry Eulert	"	50 00
73	"	Chicago Telephone Co.	Service to April 1, 1899.	31 25
74	"	Richards & Co	Chemicals.	3 24
75	"	<i>The Gazette</i>	Printing voucher blanks.	2 75
76	Jan. 10	Pictorial Printing Co	Labels	3 50
77	"	T. P. Brankin	Sprinkling from June to Nov., 1898.	10 00
78	"	Chappell Chemical Co.	Ammonia	1 75
79	"	S. B. Traub	Ventilators, etc	27 70
80	"	Donohue & Henneberry	Tablets, etc	2 60
81	"	Fuller & Fuller Co.	Chemicals.	8 80
82	"	E. H. Sargent & Co.	Flasks, tubing, etc	3 44
83	Jan. 31	J. H. Clough	Rent for January, 1899.	200 00
84	"	F. M. Goodman	Salary, January, 1899.	142 85
85	"	C. S. N. Hallberg	"	142 85
86	"	W. A. Puckner	"	142 85
87	"	W. B. Day	"	75 00
88	"	Henry Eulert	"	50 00
89	"	Fuller & Fuller Co.	Chemicals.	39 39
90	"	R. W. McCready Cork Co	Corks.	1 03
91	"	Whitall, Tatum & Co.	Bottles	1 75
92	"	E. H. Sargent & Co.	Fuse paper, etc	6 70
93	"	Richards & Co	Wire, etc	5 54
94	"	Neostyle Co	Inks	8 06
95	"	Donohue & Henneberry	Paper, etc	4 13
96	"	Western Union Tel. Co.	Services to March 31, 1899.	3 00
97	"	W. B. Day, actuary	Petty expenses, Jan. 20, 1899	51 55
98	Feb. 28	W. B. Day, actuary	Petty expenses, Feb. 18, 1899	83 60
99	"	J. H. Clough	Rent for February, 1899.	200 00
100	"	F. M. Goodman	Salary	142 85
101	"	C. S. N. Hallberg	"	142 85
102	"	W. A. Puckner	"	142 85
103	"	W. B. Day	"	75 00
104	"	Henry Eulert	"	50 00
105	Mar. 10	E. H. Sargent & Co.	Acid, etc.	22 48
106	"	Richards & Co	Beakers, etc.	11 49
107	"	Searle & Heath Co.	Drugs.	5 65
108	"	Pictorial Printing Co.	Tin boxes.	3 65
109	"	E. J. Anthony	Envelopes	2 10
110	"	Fuller & Fuller Co.	Acids, etc.	16 46
111	Mar. 31	J. H. Clough	Rent for March, 1899.	200 00
112	"	F. M. Goodman	Salary, March, 1899	142 85
113	"	C. S. N. Hallberg	"	142 85
114	"	W. A. Puckner	"	142 85
115	"	W. B. Day	"	75 00
116	"	Henry Eulert	"	50 00
117	April 13	E. J. Anthony	Printing letter heads	3 00
118	"	Western Union Tel. Co.	Time services, 3 mos. to June 30, '99.	3 00
119	"	Chicago Telephone Co.	Services 3 mos. to July 1, 1899.	31 25
120	"	Richards & Co	Beakers	4 94
121	"	Donohue & Henneberry	Paper.	3 70
122	"	Fuller & Fuller Co.	Chemicals.	40 35
123	"	W. B. Day, actuary	Petty expenses to March 18, 1899.	56 28
124	April 30	F. M. Goodman	Salary, April, 1899.	142 90
125	"	C. S. N. Hallberg	"	142 90
126	"	W. A. Puckner	"	142 90
127	"	J. H. Clough	Rent for April, 1899.	200 00
128	"	W. B. Day	Salary, April, 1899.	75 00
129	"	Henry Eulert	"	50 00
130	May 10	John Nevins.	Writing diplomas	12 50
131	"	Wendell & Co	Medals.	30 00
132	"	Chicago Elect. & Stereo. Co.	Diplomas	6 00
133	"	H. Swannell & Son	Expenses	15 68
134	"	E. J. Anthony	Printing invitations, etc	21 60
135	"	W. B. Day, actuary	Refunds of Laboratory deposits, etc	199 53
136	May 31	W. B. Day	Salary, May, 1899.	75 00
137	"	Henry Eulert	"	50 00

*Warrants—Continued,*

No.	Date.	To whom.	For what.	Amount.
138	June 30, 1899	W. B. Day.....	Salary, June, 1899.....	75 00
139	"	Henry Eulert.....	"	50 00
140	"	W. B. Day, actuary.....	Postage stamps, etc.....	217 42
141	"	F. M. Goodman.....	Salary, 1898-99.....	500 00
142	"	C. S. N. Halleberg.....	"	500 00
143	"	W. A. Puckner.....	"	500 00
144	"	Fuller & Fuller Co.....	Sponge.....	2 06
146	"	E. J. Anthony.....	Catalogue envelopes.....	36 40
146	"	Pharmaceutical Rev. Co.....	Advertisement, 4 months.....	15 00
147	"	H. S. Cooper.....	Calcimining, etc.....	70 00
148	"	Western Union Tel. Co.....	Time service, 3 mos. to Sept. 30.....	3 00
149	"	Chicago Telephone Co.....	Rent to Oct. 1, 1899.....	31 25
150	"	W. B. Day.....	Petty expenses to May 19, 1899.....	42 26

## SCHOOL OF MEDICINE—WARRANTS.

No.	Date.	To whom.	For what.	Amount.
1	July 15, 1898	<i>The Ranger</i> .....	Advertisement.....	32 50
2	"	The West Side Hospital.....	Boarding and nursing patients.....	12 00
3	"	Robert Emmerson.....	Preparing skeletons.....	157 50
4	"	H. M. Hooker Co.....	Benzine.....	6 50
5	"	Chicago Telephone Co.....	Telephone service.....	31 25
6	"	Goodhart's N. M. Laundry.....	Work.....	9 98
7	"	J. N. Hostetter.....	Coal.....	25 13
8	July 30	J. A. Wesener.....	Salary, July, 1898.....	75 00
9	"	W. A. Evans.....	"	50 00
10	"	W. T. Eckley.....	"	50 00
11	"	A. Gehrman.....	"	25 00
12	"	E. G. Earle.....	"	25 00
13	"	W. A. Pusey.....	"	41 66
14	"	J. S. Tomlinson.....	"	75 00
15	"	E. M. Heelan.....	"	60 00
16	"	A. E. Grubbs.....	"	30 00
17	"	Grace W. Bryant.....	"	40 00
18	"	Theodore Tieken.....	"	36 00
19	"	George Johnston.....	"	40 00
20	"	John McClain.....	"	25 00
21	"	C. A. Albrecht.....	"	15 00
22	"	C. C. Hummel.....	"	15 00
23	"	Rachelle Yarros.....	"	25 00
24	"	J. H. Curtis.....	"	20 00
25	"	C. C. O'Byrne.....	"	20 00
26	"	S. W. Shattuck.....	Salary, 3 mos., ending July 21, 1898.....	100 00
27	"	Fuller & Fuller Co.....	Oil, etc.....	21 21
28	August 15	West Disinfecting Co.....	Disinfectant.....	7 25
29	"	Lloyd Iron Roofing & Paint Co.....	Repairing roof, etc.....	130 00
30	"	G. D. Evans.....	Repairing, etc.....	30 15
31	"	Sharp & Smith.....	Instruments.....	20 07
32	"	Fantus & Son.....	Labels.....	4 25
33	"	Richards & Co.....	Chemicals.....	169 69
34	"	Blakely Printing Co.....	Printing catalogue, etc.....	445 78
35	"	Cameron, Amberg & Co.....	Printing.....	36 75
36	"	William Browning, treasurer.....	Dues.....	5 00
37	"	Blakely Printing Co.....	Part on printing alumni list.....	90 00
38	August 31	Imitation Typw. & Adsg. Co.....	Addressing, etc.....	98 53
39	"	W. A. Pusey.....	Expenses.....	85 00
40	"	<i>The Clinical Review</i> .....	Advertisement.....	18 75
41	"	Cameron, Amberg & Co.....	Printing.....	13 25
42	"	H. Ahrens.....	Merchandise.....	5 63
43	"	Goodhart's N. M. Laundry.....	Laundry work.....	5 07
44	"	Alex. H. Revell & Co.....	Window shades.....	3 12
45	"	Armour & Co.....	Pepsin.....	9 00
46	"	S. W. Shattuck, Business Mgr.....	Gas and expenses.....	39 76
47	"	D. A. K. Steele, actuary.....	Petty expenses.....	61 78
48	"	J. A. Wesener.....	Salary, August, 1898.....	75 00
49	"	W. A. Evans.....	"	50 00
50	"	W. T. Eckley.....	"	50 00
51	"	A. Gehrman.....	"	25 00
52	"	E. G. Earle.....	"	25 00

## Warrants—Continued.

No.	Date.	To wnom.	For what.	Amount.
53	1898 August 31	J. S. Tomlinson.....	Salary, August, 1898.....	\$75 00
54	"	E. M. Heelan.....	" " " " " " " "	60 00
55	"	Mrs. E. A. LaCount.....	" " " " " " " "	30 00
56	"	Grace W. Bryant.....	" " " " " " " "	40 00
57	"	W. A. Pusey.....	" " " " " " " "	41 66
58	"	Theodore Tieken.....	" " " " " " " "	36 00
59	"	George Johnston.....	" " " " " " " "	40 00
60	"	John McClain.....	" " " " " " " "	25 00
61	"	C. A. Albrecht.....	" " " " " " " "	15 00
62	"	C. C. Hummel.....	" " " " " " " "	15 00
63	"	Rachelle Yarros.....	" " " " " " " "	25 00
64	"	John H. Curtis.....	" " " " " " " "	20 00
65	"	Charles C. O'Byrne.....	" " " " " " " "	20 00
66	Sept. 30	J. A. Wesener.....	Salary, Sept., 1898.....	75 00
67	"	W. A. Evans.....	" " " " " " " "	50 00
68	"	W. T. Eckley.....	" " " " " " " "	50 00
69	"	A. Gehrman.....	" " " " " " " "	25 00
70	"	E. G. Earle.....	" " " " " " " "	25 00
71	"	J. S. Tomlinson.....	" " " " " " " "	83 33
72	"	E. M. Heelan.....	" " " " " " " "	60 00
73	"	Mrs. A. E. LaCount.....	" " " " " " " "	30 00
74	"	Grace W. Bryant.....	" " " " " " " "	40 00
75	"	W. A. Pusey.....	" " " " " " " "	41 66
76	"	Theodore Tieken.....	" " " " " " " "	36 00
77	"	George Johnston.....	" " " " " " " "	40 00
78	"	John McClain.....	" " " " " " " "	25 00
79	"	C. A. Albrecht.....	" " " " " " " "	15 00
80	"	C. C. Hummel.....	" " " " " " " "	15 00
81	"	Rachelle Yarros.....	" " " " " " " "	25 00
82	"	John H. Curtis.....	" " " " " " " "	20 00
83	"	Charles C. O'Byrne.....	" " " " " " " "	20 00
84	"	Thos. J. Dixon, Sec'y.....	Advertisement.....	25 00
85	"	Wm. A. Pusey.....	Expenses for rent, etc.....	86 25
86	"	Blakely Printing Co.....	Printing catalogue, etc.....	89 60
87	"	<i>Inter-collegiate Med. Journal.</i> .....	Advertisement.....	10 00
88	"	Hebard's Warehouse & Van Co.....	Heater, etc.....	22 55
89	"	American Luxfer Prism Co.....	Canopies, glazed, luxfer prisms.....	505 53
90	"	J. S. Ford Johnson & Co.....	Chairs, etc.....	62 25
91	"	Echardt Catering Co.....	Banquet.....	50 00
92	"	W. S. White.....	Assessment No. 11.....	77 00
93	"	American Distilling Co.....	Alcohol.....	39 18
94	"	Chicago Eye, Ear, Nose and Throat College.....	Advertisement.....	20 00
95	"	Lyons Orchestra.....	Music furnished.....	30 00
96	"	Sharp & Smith.....	Cat gut, etc.....	20 30
97	"	<i>Chicago Clinic</i> .....	Advertisement to June 30, 1898.....	39 00
98	"	West Side Hospital.....	Bedsteads, mattresses, etc.....	17 05
99	"	Riddeford Bros.....	Brooms, mops, etc.....	10 81
100	"	R. L. Polk & Co.....	Advertisement.....	50 00
101	"	Lloyde Iron Ro'f'g & Paint Co.....	Iron, labor, etc.....	59 80
102	"	Medical Recorder Pub. Co.....	Advertisement to Aug. 31, 1898.....	10 13
103	"	National Meter Adj. Co.....	Adjusting meter.....	13 50
104	"	Thos. Cusack & Co.....	Printing sign.....	21 50
105	"	K. L. Koller.....	Plumbing.....	172 00
106	"	P. McCarry.....	Building smoke stack.....	64 50
107	"	M. W. Powell Co.....	Painting roof of building.....	53 00
108	Oct. 10	S. W. Shattuck, Business Mgr.....	Gas to Sept 8, 1898.....	31 00
109	"	Col. of Physicians & Surgeons.....	Rent, 6 mos. to Oct. 21, 1898.....	6,000 00
110	"	Sharp & Smith.....	Jars, etc.....	37 69
111	"	J. N. Hostetter.....	Coal.....	39 55
112	"	Chicago Carpet Co.....	Tables, etc.....	63 92
113	"	John G. Ceutler.....	Contract painting building, etc.....	454 97
114	"	Dan Young.....	Work.....	12 20
115	"	Preston Filter Co.....	Filter.....	120 00
116	"	H. Ahrens.....	Sapallo, etc.....	8 75
117	"	P. F. Pettibone & Co.....	Drawing paper, etc.....	52 85
118	"	Lenhan Hardware Co.....	Sterlizer.....	4 50
119	"	Physicians Supply & Drug Co.....	Cotton.....	4 50
120	"	Chicago Telephone Co.....	Services to Jan. 1, 1899.....	32 10
121	"	Goodhart's New Meth'd La'n'ry.....	Laundry.....	16 46
122	"	W. A. Pusey.....	Expenses of stenographer.....	105 00
123	"	Proiter & Collier Co.....	Advertizing.....	400 00
124	"	H. C. Hall.....	" " " " " " " ".....	85 00
125	"	<i>Journ'l of Am'ric'n Med. Asso.</i> .....	" " " " " " " ".....	16 00
126	"	Richards & Co.....	Bottles, etc.....	357 99
127	"	J. Cleave.....	Steam fitting, etc.....	185 89
128	"	E. G. Evans.....	Repairs of building, etc.....	345 50
129	"	Fuller & Fuller Co.....	Chemicals.....	144 45

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
130	Oct. 31	1898		
131	"	J. A. Wesener	Salary, October, 1898	\$75 00
132	"	W. A. Evans	"	50 00
133	"	W. T. Eckley	"	60 00
134	"	A. Gehrmann	"	25 00
135	"	E. G. Earle	"	25 00
136	"	F. E. Wynekoop	"	10 00
137	"	W. E. Coats, Jr.	"	10 00
138	"	J. S. Tomlinson	"	83 00
139	"	E. M. Heelan	"	60 00
140	"	Mrs. A. E. LeCount	"	30 00
141	"	Grace W. Bryant	"	40 00
142	"	W. A. Pusey	"	41 66
143	"	Theo. Tiekin	"	36 00
144	"	Geo. Johnston	"	40 00
145	"	John McClain	"	25 00
146	"	C. A. Albrecht	"	15 00
147	"	C. C. Hummel	"	15 00
148	"	Rachelle G. Yarrees	"	25 00
149	"	John H. Curtis	"	20 00
150	"	Chas. C. O'Byrne	"	30 00
151	Nov. 10	John Wiggins	"	25 00
152	"	S. W. Shattuck, Business Mgr.	Salary 3 mos. to Oct. 21, 1898	100 00
153	"	Consumers Co.	Coal	7 00
154	"	W. A. Pusey	Rent, etc.	100 00
155	"	G. P. Eigelhard & Co.	Advertisement	13 00
156	"	Young Mens' Ch'st'n Asso., Chi.	Advertising	25 00
157	"	Imitation Typewriting & Ad-	Printing letter heads	5 00
158	"	dressing Co.	Advertisement	18 75
159	"	Chic. Clinical Rev'w Pub. Co.	Advertisement, 3 mos.	19 50
160	"	Chicago Clinic	Advertisement	20 00
161	"	Western Medical Academy	Chemicals	39 30
162	"	Searle & Hereth Co.	Catgut	23 30
163	"	B. K. Hollister & Co.	Cotton	4 50
164	"	Physicians Supply & Drug Co.	Tubing, chemicals, etc	315 42
165	"	Richards & Co.	Entrance examination work	5 00
166	"	D. D. Ridgley	Laundry work	15 45
167	"	Goodhart's N. M. Laundry	Coal	44 82
168	"	J. N. Hostetter	Chairs, etc	482 50
169	"	A. H. Andrews Co.	Repairs on apparatus	6 00
170	"	George Sim	Incandescent lamps	7 40
171	"	Edward B. Elliott	Binding periodicals	60 20
172	"	P. Ringer & Co.	Printing envelopes, etc	126 72
173	"	Cameron, Amberg & Co.	Printing	27 48
174	"	Abbott E. Kay	Chemicals	60 88
175	"	Fuller & Fuller Co.	Petty expenses	55 79
176	"	D. A. K. Steele, Actuary	Postage and gas	46 60
177	Nov. 21	S. W. Shattuck, Business Mgr.	Gas	59 00
178	"	F. Elbridge Wynekoop	Repairs of laboratory	18 00
179	"	Davis Constructing Co.	Tees, ells, etc	38 31
180	"	W. T. Keener	Book	13 00
181	"	A. H. Andrews Co.	Arm chair	37 50
182	"	Spencer Lens Co.	Microscopes, etc	562 50
183	Nov. 30	Richards & Co.		856 91
184	"	J. A. Wesener	Salary for November, 1898	75 00
185	"	W. A. Evans	"	50 00
186	"	W. T. Eckley	"	60 00
187	"	A. Gehrmann	"	25 00
188	"	E. G. Earle	"	25 00
189	"	F. E. Wynekoop	"	10 00
190	"	W. E. Coats, Jr.	"	10 00
191	"	J. S. Tomlinson	"	83 33
192	"	E. M. Heelan	"	60 00
193	"	Mrs. A. E. LeCount	"	30 00
194	"	Grace W. Bryant	"	40 00
195	"	W. A. Pusey	"	41 66
196	"	Theo. Tieken	"	36 00
197	"	Geo. Johnston	"	40 00
198	"	John McClain	"	25 00
199	"	C. A. Albrecht	"	15 00
200	"	C. C. Hummel	"	15 00
201	"	Rachelle G. Yarros	"	25 00
202	"	John H. Curtis	"	20 00
203	"	Chas. C. O'Byrne	"	30 00
204	"	John Wiggins	"	25 00
205	Dec. 10	Commonwealth Electric Co.	Rent and incandescent lamps	51 66
206	"	Edward B. Elliott, City Elect.	Inspection of lamps	2 90
207	"	James R. Pyne	Inspection of boilers	8 00
208	"	J. N. Hostetter	Coal	177 80

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
1898				
208	Dec. 10	James Olancy	Plumbing, etc.	\$72 90
209	"	E. D. Evans	Carpenter work, etc.	381 34
210	"	Thos. Cusack & Co.	Lettering signs	62 00
211	"	Geo. E. Cole & Co.	Paper note books, etc.	3 35
212	"	W. A. Pusey	Rent, stenographer, etc.	85 00
213	"	Dr. D. A. K. Steele	Expenses	40 00
214	"	H. Ahrens	Soap, etc.	3 10
215	"	Geo. T. Johnson	Toilet paper	7 50
216	"	The Med. Recorder Pub. Co.	Advertisement	10 13
217	"	P. & S. Plexus	Advertisements	60 07
218	"	Searle & Hereth	Drugs	7 72
219	"	Sharp & Smith	Catgut, etc.	21 90
220	"	Joseph Sattler	Operating table	29 50
221	"	J. Underwood & Co.	Stencils, etc.	1 74
222	"	A. Lindblom	Picture	48 45
223	"	West Side Hospital	Board, etc.	73 60
224	"	Richards & Co.	Regent bottles, etc.	101 08
225	"	Fuller & Fuller	Brushes, glycerine, etc.	43 80
226	"	Marshall Field & Co.	Cloth	60 60
227	"	J. A. Wesener	Salary, December, 1898	75 00
228	"	W. A. Evans	"	50 00
229	"	W. T. Eckley	"	60 00
230	"	A. Gehrman	"	25 00
231	"	E. G. Earle	"	25 00
232	"	F. E. Wynekoop	"	10 00
233	"	W. E. Coats, Jr.	"	10 00
234	"	J. S. Tomlinson	"	83 33
235	"	E. M. Heelan	"	60 00
236	"	Mrs. A. E. Le Count	"	30 00
237	"	Grace W. Bryant	"	40 00
238	"	W. A. Pusey	"	41 60
239	"	Theo. Ticken	"	36 00
240	"	Geo. Johnston	"	40 00
241	"	John McClain	"	25 00
242	"	C. A. Albrecht	"	15 00
243	"	C. C. Hummel	"	15 00
244	"	Rachelle G. Yarros	"	25 00
245	"	John H. Curtis	"	20 00
246	"	Chas. C. O'Byrne	"	30 00
247	"	S. J. Shepherd	"	23 00
248	"	Commonwealth Electric Co.	Wiring for lights, etc.	456 40
249	"	M. J. Carboy	Connecting sink, etc.	37 49
250	"	D. A. K. Steele, Actuary	Petty expenses	52 06
251	Dec. 31	Geo. E. Cole & Co.	Reporters note books, etc.	1 35
252	"	W. A. Pusey	Petty expenses	85 60
253	"	A. H. Andrews Co.	Repairing settee	2 60
254	"	Riddiford Bros.	Brooms	12 00
255	"	Otto Chellberg	Repairing bells	1 50
256	"	West Side Hospital	Salary for janitor, 3 mos., to Sept. 30	120 00
257	"	John G. Beuthe	Paints	2 90
258	"	Chicago Engineer Supply Co.	Valves, packing, etc.	14 35
259	"	Journal of Am. Medical Ass'n.	Advertisement	16 00
260	"	The P. & S. Plexus	Copies of publications, etc.	85 50
261	"	Proctor & Collier Co.	Advertising	20 85
262	"	J. N. Hostetter	Coal	69 58
263	"	The Varty Oil Co.	Boiler compound	5 00
264	"	Eureka Coal Co.	Coal	109 20
265	"	Ward's Natural Science Est.	Models	45 60
266	"	W. S. White	Assessment No. 4	102 00
267	"	Fuller & Fuller Co.	Glycerine, etc.	43 97
268	"	Richards & Co.	Sharpening knives, etc.	85 06
269	"	H. Ahrens	Potatoes, starch, etc.	4 66
270	"	A. G. Spalding & Bro.	Gymnasium apparatus	202 65
271	"	Al Cross	Negatives	27 00
272	"	Goodhart's N. M. Laundry	Laundry work	27 07
273	"	Fantus & Son	Printing	1 75
274	"	S. W. Shattuck, Business Mgr.	Gas, electricity, etc.	140 55
1899.				
275	January 20	D. A. K. Steele	Rent, etc.	90 00
276	"	Richards & Co.	Tubes, jars, labels, etc.	95 62
277	"	Chicago Telephone Co.	Services to April 1, 1899.	31 45
278	"	J. A. Wesener	Salary, January, 1899	75 00
279	"	W. A. Evans	"	50 00
280	"	W. T. Eckley	"	60 00
281	"	A. Gehrman	"	25 00
282	"	E. G. Earle	"	25 00
283	"	F. E. Wynekoop	"	10 00

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
	1899.			
284	January 20	W. E. Coats, Jr.	Salary, January, 1899.	\$10 00
285	"	N. M. Verry	"	70 00
286	"	E. M. Heelan	"	60 00
287	"	Mrs. A. E. Le Count	"	30 00
288	"	Grace W. Bryant	"	40 00
289	"	W. A. Pusey	"	41 66
290	"	Theo. Tiekens	"	36 00
291	"	Geo. Johnston	"	40 00
292	"	John McClain	"	25 00
293	"	C. A. Albright	"	15 00
294	"	C. C. Hummel	"	15 00
295	"	Rachelle G. Yarros	"	25 00
296	"	John H. Curtis	"	20 00
297	"	Chas. C. O'Byrne	"	30 00
298	"	S. J. Shepherd	"	25 00
299	"	S. W. Shattuck, Business Mgr.	Salary, 3 months, to January 1, 1899.	100 00
300	January 31	J. S. Tomlinson	Salary for January, 1899.	41 67
301	"	Sharp & Smith	Catgut, etc.	6 35
302	"	Fuller & Fuller Co.	Ether	19 95
303	"	Marshall Field & Co.	Sheeting	3 96
304	"	The Illini	Advertisement	20 00
305	"	G. P. Engelhard & Co.	"	13 00
306	"	P. & S. Plexus	"	42 75
307	"	Hall's Safe & Lock Co.	Safe	40 00
308	"	H. Ahrens	Tar soap, etc.	11 50
309	"	Fantus & Son	Printing letter heads, etc.	14 75
310	"	W. A. Pusey	Expenses for stenographer, etc.	90 00
311	"	Chicago Clinical Rev'w Pub. Co.	Advertisement	18 75
312	"	Garden City Fan Co.	Fan	20 00
313	"	Goodhart's N. M. Laundry	Laundry work	12 19
314	"	Otto Cheilberg	Repairing batteries	2 00
315	"	Fuller & Fuller Co.	Chemicals, etc.	23 91
316	"	West Side Hospital	Care of patients	30 85
317	"	Richards & Co.	Tubing, etc.	20 13
318	"	E. D. Evans	Carpenter work	75 54
319	"	S. W. Shattuck, Business Mgr.	Electricity and gas	124 32
320	Feb. 28	Western Electric Co.	Motor	115 50
321	"	Hebard's Warehouse & Van Co.	Furniture	10 75
322	"	Eureka Coal Co.	Coal	186 82
323	"	Sharp & Smith	Surgical instruments	6 45
324	"	Fuller & Fuller Co.	Dray	7 71
325	"	Richards & Co.	Tubings, etc.	15 88
326	"	D. A. K. Steele	Petty expenses	50 00
327	"	J. A. Wesener	Salary, February, 1899.	75 00
328	"	W. A. Evans	"	50 00
329	"	W. T. Eckley	"	60 00
330	"	A. Gehrman	"	25 00
331	"	E. G. Earle	"	25 00
332	"	F. E. Wynekoop	"	10 00
333	"	W. E. Coats, Jr.	"	10 00
334	"	N. M. Verry	"	70 00
335	"	E. M. Heelan	"	60 00
336	"	Mrs. A. E. Le Count	"	30 00
337	"	Grace W. Bryant	"	40 00
338	"	W. A. Pusey	"	41 66
339	"	Theo. Tiekens	"	36 00
340	"	Geo. Johnston	"	40 00
341	"	John McClain	"	25 00
342	"	C. A. Albright	"	15 00
343	"	C. C. Hummel	"	15 00
344	"	Rachelle G. Yarros	"	25 00
345	"	John H. Curtis	"	20 00
346	"	Chas. C. O'Byrne	"	30 00
347	"	S. J. Shepherd	"	25 00
348	March 10	Fuller & Fuller Co.	Drugs, etc.	22 15
349	"	Richards & Co.	Filters, etc.	18 63
350	"	S. W. Shattuck, Business Mgr.	Gas and electricity paid, etc.	126 28
351	"	McIntosh Battery & Opt. Co.	Meter, etc.	76 69
352	"	West Side Hospital	Care of patients	98 00
353	"	Geo. E. Cole & Co.	Stencil paper, etc.	3 50
354	"	Grace W. Bryant	Expenses	7 66
355	"	W. A. Pusey	Expenses for stenographer, etc.	105 00
356	"	G. P. Engelhard & Co.	Advertisement to February 28, 1899.	13 00
357	"	P. & S. Plexus	Advertising	42 75
358	"	J. M. Hudson	Labor	15 60
359	March 15	Richards & Co.	Sharpening knives	2 50
360	"	W. S. White, Treasurer	Assessment No. 6	102 00
361	"	Physicians' Supply & Drug Co.	Compress air outfit	20 25



## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount
362	1899.	Eureka Coal Co .....	Coal .....	\$224 04
363	March 15	W. E. Quine .....	Rent of music hall .....	150 00
364	"	Goodhart's N. M. Laundry .....	Laundry work .....	17 90
365	"	D. A. K. Steele .....	Petty expenses .....	50 01
366	March 31	J. A. Wesener .....	Salary, March, 1899 .....	75 00
367	"	W. A. Evans .....	" .....	50 00
368	"	W. T. Eckley .....	" .....	60 00
369	"	A. Gehrman .....	" .....	25 00
370	"	E. G. Earle .....	" .....	25 00
371	"	F. E. Wynekoop .....	" .....	10 00
372	"	W. E. Coats .....	" .....	10 00
373	"	N. M. Verry .....	" .....	70 00
374	"	E. M. Heelan .....	" .....	60 00
375	"	Grace W. Bryant .....	" .....	40 00
376	"	A. E. LeCount .....	" .....	30 00
377	"	W. A. Pusey .....	" .....	41 66
378	"	Theo. Ticken .....	" .....	36 00
379	"	Geo. Johnson .....	" .....	40 00
380	"	John McClain .....	" .....	25 00
381	"	C. A. Albricht .....	" .....	15 00
382	"	C. G. Hummel .....	" .....	15 00
383	"	Rachelle Yarros .....	" .....	25 00
384	"	J. H. Curtis .....	" .....	20 00
385	"	C. C. O'Byrne .....	" .....	30 00
386	"	S. J. Shepherd .....	" .....	25 00
387	"	Goes Lithographing Co. ....	Warrant book .....	13 00
388	"	D. A. K. Steele .....	Rent for dispensary .....	20 00
389	"	West Side Hospital .....	Care of patients .....	84 00
390	"	Gas Consumers' Ass'n .....	Electricity .....	12 00
391	"	Geo. T. Johnson .....	Toilet paper .....	10 00
392	"	McIntosh Battery & Optical Co.	Repairing battery, etc. ....	1 95
393	"	Fantus & Son .....	Envelopes, etc. ....	14 00
394	"	Sharpe & Smith .....	Razor, etc. ....	2 00
395	"	W. E. Quine .....	For cut flowers .....	20 00
396	"	Fuller & Fuller Co. ....	Drugs, etc. ....	45 66
397	"	Jour. of Am. Med. Ass'n .....	Advertisement to March 31, 1899 ..	16 00
398	"	The Northwestern .....	Advertisement, June 15, 1899 ..	10 00
399	"	The Winkle .....	Advertising .....	10 00
400	"	P. & S. Pleaus .....	" .....	67 75
401	April 10	Coll. of Physicians and Surg'ns	Rent from Nov. 21 to Apr. 21, 1899 ..	6,000 00
402	"	The Vidette Reporter .....	Advertisement .....	14 50
403	"	S. U. I. Quill .....	" .....	10 00
404	"	Wheaton Coll. Record .....	" .....	10 00
405	"	Centre College Cento .....	" .....	5 00
406	"	College Ohio .....	" .....	3 00
407	"	M. S. V. Independent .....	" .....	14 00
408	"	The Adelbert .....	" .....	4 00
409	"	Voice Pub. Ass'n .....	" .....	10 00
410	"	Coe College Cosmos .....	" .....	4 00
411	"	Cornellian .....	" .....	11 00
412	"	DePauw Palladium .....	" .....	5 00
413	"	The Volante .....	" .....	5 00
414	"	Stanford Sequoia .....	" .....	12 00
415	"	College Index .....	" .....	5 00
416	"	Grand Opera House .....	Rent of building .....	50 00
417	"	Chicago Telephone Co. ....	Rent, 3 mos., to July 1, 1899 ..	31 35
418	"	D. A. K. Steele .....	Laboratory deposits returned ..	1,362 30
419	"	Amberg File & Index Co. ....	Cabinet letter file .....	41 75
420	"	Cameron, Amberg & Co. ....	Printing reports .....	3 50
421	"	W. A. Pusey .....	Expenses for rent, etc. ....	105 00
422	"	S. W. Shattuck, Business M'gr	Gas and electricity paid .....	123 24
423	April 30	J. A. Wesener .....	Salary, April, 1899 .....	75 00
424	"	W. A. Evans .....	" .....	50 00
425	"	W. T. Eckley .....	" .....	60 00
426	"	A. Gehrman .....	" .....	25 00
427	"	E. G. Earle .....	" .....	25 00
428	"	F. E. Wynekoop .....	" .....	10 00
429	"	W. E. Coats .....	" .....	10 00
430	"	N. M. Verry .....	" .....	70 00
431	"	E. M. Heelan .....	" .....	60 00
432	"	Grace W. Bryant .....	" .....	40 00
433	"	A. E. LeCount .....	" .....	30 00
434	"	W. A. Pusey .....	" .....	41 66
435	"	Theo. Ticken .....	" .....	36 00
436	"	Geo. Johnston .....	" .....	40 00
437	"	John McClain .....	" .....	25 00
438	"	C. A. Albricht .....	" .....	15 00
439	"	C. C. Hummel .....	" .....	15 00

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
440	1899.			
441	April 30	Rachelle Yarros.....	Salary, April, 1899 .....	\$25 00
442	"	J. H. Curtis.....	" " .....	20 00
443	"	C. C. O'Byrne.....	" " .....	30 00
444	"	S. J. Sheperd.....	" " .....	25 00
445	"	S. W. Shattuck, Business M'gr	Salary, 3 mos., to Jan. 21, 1899 .....	100 00
446	"	Medical Recorder Pub. Co.....	Advertisement.....	16 87
447	"	Imitation Typewriter & Ad. Co.	Addressing letters.....	28 50
448	"	Library Bureau.....	Cards.....	2 90
449	"	Eureka Coal Co.....	Coal.....	179 40
450	"	West Side Hospital.....	Care of patients.....	140 00
451	"	Searle & Hereth Co.....	Tablets.....	4 50
452	"	P. F. Pettibone & Co.....	Paper.....	8 50
453	"	C. C. O'Byrne.....	Services for 1898-99.....	100 00
454	"	Marshall Field & Co.....	Cloth.....	51 65
455	"	Cameron, Amberg & Co.....	Time cards.....	17 50
456	"	P. Ringer & Co.....	Atlas.....	2 75
457	"	Goodhart's N. M. Laundry.....	Laundry work.....	12 46
458	"	Auditorium Hotel.....	Banquet.....	518 00
459	"	American Distilling Co.....	Alcohol.....	46 71
460	May 10	Ass'n of Am. Med. Colleges.....	Annual dues to May, 1900.....	5 00
461	"	Imitation Type. & Address Co.	Printing programs.....	18 00
462	"	Lyon's Orchestra.....	Services.....	70 00
463	"	F. H. Chase.....	Services in examination.....	5 00
464	"	Fantus & Son.....	Blanks.....	8 00
465	"	Cameron, Amberg & Co.....	Paper.....	3 00
466	"	Fuller & Fuller Co.....	Drugs, etc.....	22 10
467	"	D. A. K. Steele.....	Laboratory rebates.....	101 35
468	"	S. W. Shattuck, Business M'gr	Gas and electricity.....	77 84
469	May 15	J. M. Hudson.....	Locks, etc.....	8 90
470	"	W. P. Rend & Co.....	Coal.....	9 81
471	"	Eureka Coal Co.....	".....	43 98
472	"	John G. Butler.....	White lead, glue, etc.....	5 38
473	"	Chi. Clinical Review Pub. Co.	Advertisement.....	18 75
474	"	West Side Hospital.....	Care of patients.....	28 67
475	"	H. Ahrens.....	Sapolio.....	3 24
476	"	Gas Consumers' Association.....	Dues to April 30, 1899.....	1 00
477	"	W. C. Kem.....	Cap and gown.....	1 50
478	"	Seale & Hereth Co.....	Drugs.....	1 65
479	"	Goodhart's N. M. Laundry.....	Laundry work.....	27 36
480	"	W. S. White, Treasurer.....	Assessment, No. 7.....	102 00
481	"	C. L. Rickette.....	Engrossing diplomas.....	60 50
482	"	Wm. Whitford.....	Typewriting.....	1 00
483	"	Fred J. Ehrmann.....	Extra services.....	45 00
484	"	W. A. Evans.....	".....	45 00
485	"	J. A. Wesener.....	".....	45 00
486	"	Harris E. Santee.....	Extra instruction.....	45 00
487	"	Chas. E. Humiston.....	Extra services.....	30 00
488	"	Channing W. Barrett.....	".....	30 00
489	"	A. F. Lemcke.....	".....	45 00
490	"	James M. Neff.....	".....	45 00
491	"	T. A. Phillips.....	".....	15 00
492	"	Albert B. Hale.....	".....	22 50
493	"	Felix Kalacinski.....	".....	50 00
494	"	F. Gregory Cornell.....	".....	50 00
495	"	Arthur Bremken.....	".....	50 00
496	"	S. L. Finders.....	".....	30 00
497	"	Notre Dame Scholastic.....	Advertisement.....	10 00
498	"	University Press.....	".....	6 50
499	"	The Mercarian.....	".....	2 25
500	"	Albion College Pleiad.....	".....	7 50
501	"	Ira C. Wynekoop.....	Extra services.....	50 00
502	"	Publishers of the Round Table.	Advertisement.....	9 30
503	"	Vanderbilt Observer.....	".....	5 00
504	"	'99 Debris of Purdue Univ.....	".....	7 00
505	"	Inter-Denomination.....	".....	10 00
506	"	The Knox Student.....	".....	9 50
507	"	The College Current.....	".....	12 00
508	"	"Earlhamite".....	".....	4 00
509	"	The Student.....	".....	3 50
510	"	Silver and Gold.....	".....	4 00
511	"	Edwards & Hancock.....	Typewriter supplies.....	6 50
512	"	G. P. Engelhardt & Co.....	Advertisement.....	13 00
513	"	Kansas Univ. Weekly.....	".....	16 00
514	"	The Stentor.....	".....	11 00
515	"	Illinois Wesleyan Argus.....	".....	6 50
516	"	Minnesota Magazine.....	".....	2 50
517	"	The Alumnus.....	".....	2 00
	"	Oberlin Review.....	".....	14 00

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
518	May 15 1899.	<i>The Wabash</i> .....	Advertisement.....	\$3 50
519	"	<i>The Reville</i> .....	Advertisement.....	4 75
520	"	<i>Hiram College Advocate</i> .....	"	5 00
521	"	Krag Mfg. Co.....	Files.....	11 60
522	"	W. A. Pusey.....	Expenses for rent, stamps, etc.....	120 00
523	"	Richards & Co.....	Bottles, corks, etc.....	36 77
524	"	Fuller & Fuller Co.....	Ammonia.....	26 39
525	"	D. A. K. Steele.....	Petty expenses.....	65 01
526	May 31	J. A. Wesener.....	Salary, May, 1899.....	75 00
527	"	W. A. Evans.....	"	50 00
528	"	W. T. Eckley.....	"	60 00
529	"	A. Gehrmann.....	"	25 00
530	"	E. G. Earle.....	"	25 00
531	"	F. E. Wynekooop.....	"	10 00
532	"	W. E. Coats, Jr.....	"	10 00
533	"	N. M. Verry.....	"	70 00
534	"	E. M. Heelan.....	"	60 00
535	"	Grace W. Bryant.....	"	40 00
536	"	W. A. Pusey.....	"	41 66
537	"	P. H. Whyte.....	"	36 00
538	"	George Johnston.....	"	40 00
539	"	John McLain.....	"	25 00
540	"	A. N. DeVault.....	"	30 00
541	"	Rachelle G. Yarros.....	"	25 00
542	"	C. C. O'Byrne.....	"	30 00
543	"	Fred C. Zapffe.....	Extra services for 1898-99.....	45 00
544	"	F. Baumann.....	Services rendered during 1898-99.....	50 00
545	"	James Clancy.....	Repairs, etc.....	19 82
546	"	Peoples Gas Light & Coke Co.....	Gas consumed to May 8, 1899.....	36 40
547	"	Commonwealth Electric Co.....	Electricity consumed to May 19, 1899.....	12 58
548	"	Cameron Amberg & Co.....	Certificates.....	5 50
549	"	D. A. K. Steele, actuary.....	Stamps and postal cards.....	1,700 00
550	"	<i>The Normal Advance</i> .....	Advertisement.....	4 00
551	"	<i>The Wooster Voice</i> .....	"	8 50
552	"	<i>The Ranger</i> .....	"	7 00
553	"	<i>The Egis Pub. Co.</i> .....	"	10 00
554	"	<i>The Student</i> .....	"	5 50
555	"	<i>Artemisia</i> .....	"	5 00
556	"	<i>Minnesota Magazine</i> .....	"	5 00
557	"	E. O. Vaile.....	Directories.....	15 00
558	"	Chi'go High School Lit. Union.....	Advertisement.....	5 00
559	"	Fuller & Fuller Co.....	Chloroform, etc.....	10 10
560	"	Sharp & Smith.....	Catgut, etc.....	7 55
561	"	Richards & Co.....	Sharpening knives.....	2 40
562	"	Kraut & Dohnal.....	Grinding knives.....	1 80
563	"	Anton A. Frank.....	Sharpening and polishing knives.....	1 95
564	"	W. S. Christopher.....	Expenses to Champaign.....	9 39
565	"	W. E. Quine.....	"	9 39
566	"	W. A. Pusey.....	"	9 39
567	"	D. A. K. Steele, actuary.....	"	10 89
568	"	Bucklin, Geisler & Eurath.....	Gold medals.....	20 00
569	June 10	W. A. Pusey.....	Expenses for rent, stamps etc.....	100 00
570	"	Louis J. Mitchell.....	Services during 1898-99.....	172 50
571	"	P. F. Pettibone & Co.....	Envelopes, paper, etc.....	75 75
572	"	West Side Hospital.....	Care of patients to May 31, 1899.....	68 30
573	"	Serle & Hereth Co.....	Drugs.....	5 00
574	"	Fuller & Fuller Co.....	"	10 86
575	"	H. C. Hall.....	Advertising.....	325 00
576	"	<i>Crimson-White</i> .....	"	6 00
577	"	<i>The Central News</i> .....	"	9 40
578	"	<i>The Plexus</i> .....	"	85 50
579	"	Dr. O. A. K. Steele.....	Rent, dispensary, June, 1899.....	10 00
580	"	Cameron, Amberg & Co.....	Letter heads.....	6 00
581	June 20	"	Printing, etc.....	3 00
582	"	R. Yerros.....	Expenses.....	12 24
583	"	John G. Bentler.....	Lead, etc.....	1 85
584	"	Gas Consumers Ass'n.....	Dues, etc.....	2 03
585	"	Jour. of the Am. Med. Ass'n.....	Advertisement.....	10 00
586	"	<i>University Argonaut</i> .....	"	3 00
587	"	<i>Southwestern Collegian</i> .....	"	5 00
588	"	R. R. Donnelly & Sons Co.....	Announcements.....	15 25
589	"	<i>The Illini</i> .....	Advertising.....	20 00
590	"	Richardson & Co.....	Jars.....	1 09
591	"	Fuller & Fuller Co.....	Chemicals, etc.....	20 57
592	"	Sharp & Dome.....	Drugs.....	3 48
593	"	P. F. Pettibone & Co.....	Printing blanks.....	13 75
594	"	Goodhart's N. M. Laundry.....	Laundry work.....	11 81
595	"	Oscar A. King.....	Expenses.....	10 16

*Warrants—Concluded.*

No.	Date.	To whom.	For what.	Amount.
	1899			
596	June 20	Dr. D. A. K. Steele.....	Expenses.....	60 20
597	June 30	J. A. Wesener.....	Salary, June, 1899.....	75 00
598	"	W. A. Evans.....	" " ".....	50 00
599	"	W. T. Eckley.....	" " ".....	60 00
600	"	A. G. Gehrmann.....	" " ".....	25 00
601	"	E. G. Earle.....	" " ".....	25 00
602	"	F. E. Wynekoop.....	" " ".....	10 00
603	"	W. E. Coats, Jr.....	" " ".....	10 00
604	"	N. M. Verry.....	" " ".....	70 00
605	"	E. M. Heelan.....	" " ".....	60 00
606	"	Grace W. Bryant.....	" " ".....	40 00
607	"	W. A. Pusey.....	" " ".....	41 66
608	"	P. D. Whyte.....	" " ".....	36 00
609	"	Geo. Johnston.....	" " ".....	40 00
610	"	John McLain.....	" " ".....	25 00
611	"	A. N. DeVault.....	" " ".....	30 00
612	"	Rachelle G. Yarros.....	" " ".....	25 00
613	"	C. C. O'Byrne.....	" " ".....	30 00
614	"	E. H. Sargent & Co.....	Drugs.....	125 00
615	"	<i>The Plexus</i> .....	Advertising.....	42 75
616	"	G. P. Engelhard & Co.....	" " ".....	13 00
617	"	Rogers & Hall Co.....	Printing pamphlets.....	38 15
618	"	Chicago Medical Blue Book.....	Advertising.....	25 00
619	"	<i>Silver &amp; Gold</i> .....	" " ".....	2 00
620	"	Commonwealth Elec. Co.....	Electricity furnished to June 21, '99.....	12 30
621	"	R. Yarros.....	Expenses for June, 1899.....	8 00
622	"	W. B. Martin.....	Rebate on deposit.....	5 00
623	"	Regensburg & Seckbach.....	Printing blanks, etc.....	9 25
624	"	Adolph Gaul.....	Rebate on deposit.....	5 00
625	"	S. W. Shattuck.....	Gas, etc.....	41 08

PROCEEDINGS  
OF THE  
BOARD OF TRUSTEES  
OF THE  
UNIVERSITY OF ILLINOIS,  
FOR THE  
Year Ending August 31, 1900.

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MEETING OF SEPTEMBER 12, 1899.

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The Board of Trustees of the University of Illinois met in the Trustees' Room, Library Building, Urbana, Illinois, at 9 o'clock, a. m., Tuesday, September 12, 1899.

The members present were Messrs. Bullard, Fulkerson, Hatch, McKay, McLean, Nightingale, and Smith and Mrs. Flower, Mrs. Carriel, and Mrs. Abbot; those absent were Governor Tanner and Mr. Bayliss. President Draper was present.

The Secretary presented the minutes of the meeting of June 13, 1899, and the adjourned session thereof held June 27, 1899, and of the meeting of July 26, 1899, and the adjourned session thereof held August 16, 1899. These minutes were approved as presented.

The Secretary was directed to insert in the report of the proceedings of the Executive Committee of the Board on July 6, 1899, as given on page 133 of the minutes, last paragraph, after the word "agriculture," the words "with the approval of the President of the University."

President Draper presented the following paper:

UNIVERSITY OF ILLINOIS, September 11, 1899.

*To the Board of Trustees.*

1. I recommend the appointment of Mr. Oscar Erf as instructor in dairying at a salary of \$1,000 per year.

2. I recommend that Mr. W. J. Fraser, instructor in dairying, be granted leave of absence for six months, beginning February 1st, for the purpose of continuing the study of his subject at the Copenhagen Dairy School, and also in Holland and France. I recommend that this leave of absence be granted with loss of but half pay.

3. I transmit herewith the reports of the Dean of the College of Agriculture and the Director of the Experiment Station, and recommend that the requests for appropriations contained therein be granted.

4. I recommend that the sum of \$100 be granted the department of photography for incidental expenses for the coming year.

This recommendation would have been made at the June meeting but for the fact that there was uncertainty at that time about Mr. Charles T. Wilder, instructor in the department, remaining with us.

5. I recommend the appointment of Mr. A. F. Burgess of Malden, Massachusetts, as entomological assistant, at a salary of \$800, and the appointment of Mr. John H. McClellan of Lexington, Kentucky, as instructor in zoölogy, at \$800 per annum.

Both of these positions were provided for at the June meeting. The second named was filled by the reappointment of Miss Juliette Butler, but she has since resigned because of marriage.

A. S. DRAPER,  
*President.*

The appointments, the appropriation of \$100 for photography, and the leave of absence for Mr. Frazer, were severally approved as therein recommended.

The reports of the Dean of the College of Agriculture and the Director of the Experiment Station were referred to the Committee on Finance and were subsequently returned, and, with the approval of the Committee, the appropriations were made as recommended.

#### APPROPRIATIONS FOR COLLEGE OF AGRICULTURE.

Animal Husbandry.....	\$900 00
Dairy Husbandry.....	600 00
Agronomy.....	800 00
Horticulture.....	800 00
Postage, stationery, and office expenses.....	100 00
Total.....	\$3,200 00

#### APPROPRIATION FOR AGRICULTURAL EXPERIMENT STATION.

Salaries.....	\$1,615 00
Publications.....	500 00
Binding bulletins.....	75 00
Animal Husbandry.....	300 00
Agronomy.....	350 00
Horticulture.....	250 00
Dairy Husbandry.....	150 00
Chemistry.....	100 00
Botany.....	50 00
Traveling expenses, postage, stationery, and contingent.....	170 00
Buildings and repairs.....	50 00
Police service.....	140 00
Total.....	\$3,750 00

On motion of Mrs. Flower, President Draper was given authority to fill the vacant chair of pedagogy if he should find a suitable person for the place.

On motion of Mr. Smith the following resolution was adopted:

*Resolved*, That the Board of Trustees of the University of Illinois consent to the laying of a double track by the Street Railway Company on Wright street from University avenue to Green street, said double track to be laid on the east side of said street, on the condition that empty or idle cars shall not be permitted to stand on said track except at times of exhibitions or other special gatherings at the University, and that no track shall be laid until the street is paved; said conditions to be provided for in such ordinances as may be passed with reference to said double track by the city council of Champaign, and said ordinances shall be submitted for approval by the Committee on Buildings and Grounds and the President of the University.

On motion of Mrs. Flower the vote by which the resolution was approved, was reconsidered and after discussion it was voted, on motion of Mr. McKay, to amend by striking out "on the east side," and inserting in place thereof "in the center," and the original motion as amended was then adopted.

#### SUMMER SCHOOL.

President draper presented the following statistics of the Summer School:

There were present: Men, 97; women, 51; total, 148. Of these 106 had not attended the University before; of the 42 old students, 10 were graduates of the University. Fifty counties of Illinois and seven other states were represented.

The students were distributed by subjects as follows: In science courses, different students, 96; botany, 51; chemistry, 15; physics, 43; zoölogy, 51. In language courses, different students, 80; English-American literature, 24; rhetoric, 31; Shakspeare, 25. Latin—beginners, 29; Caesar, 14; Cicero, 6; Virgil, 6. In pedagogy, four courses, different students, 72. In mathematics, different students, 55; algebra, 24; geometry, 21; trigonometry, 21; analytical geometry, 3.

President Draper was requested to present soon a plan for a Summer school next year.

The matter of the contract for uniforms was then taken up.

Mrs. Flower moved to continue the contract for this University year, but that the professor of military science and the Business Manager be instructed to advertise not later than January 1st, next, for bids for a new contract.

Mr. McKay moved to amend by ordering a call for bids at once.

This amendment was lost by the following vote: Yeas—McKay, Nightingale; nays—Fulkerson, McLean, Bullard, Smith, Hatch, Flower, Carriel, Abbott.

The original motion was then adopted on the following vote: Yeas—Fulkerson, McLean, Bullard, Smith, Hatch, Nightingale, Flower, Carriel, Abbott; nays—McKay.

On motion of Mr. McLean the following resolution was adopted:

*Resolved*, That the Registrar prepare in circular form a statement of all scholarships provided for in the University and its several departments, whether by statute or otherwise, showing how applications for such scholarships shall be made and the necessary qualifications therefor.

The Committee on Publication made the following report:

URBANA, ILLINOIS, Sept. 12, 1899.

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

Your Committee on Publication begs leave to recommend the appropriation of \$50.00 for the publication of an additional 10,000 copies of the report of the analyses of foods to be displayed at the State Fair by the department of chemistry, the same to be paid for from the printing fund, and that this Committee be authorized to make the necessary contract.

Having been authorized to prepare a scholarship certificate for the College of Agriculture, the Committee asks for an appropriation of \$25.00 to pay for the same, also an appropriation of \$4.40 to pay for cuts made for the agricultural circular.

Respectfully submitted,

T. J. SMITH,  
ALICE A. ABBOTT,  
S. A. BULLARD,

*Committee on Publication.*

The report of the Committee was adopted and the appropriations made as therein asked for.

Mr. Nightingale stated that it was reported to the Committee on the School of Medicine that certain repairs were badly needed upon the building occupied by the School.

The making of these repairs was referred to the Committee with power to act.

Mr. Fulkerson presented a request for scholarship in the Medical School, and Mr. McLean presented one for a scholarship in the College of Engineering.

These were referred to the Committee on Instruction with a direction to report at the afternoon session.

Adjourned to 1:30 o'clock, p. m.



## AFTERNOON SESSION, SEPT. 12, 1899.

The Treasurer's report was presented by the Secretary and referred to the Committee on Finance. Later the Committee returned the report with its approval endorsed thereon.

*E. G. Keith, Treasurer, in account with the University of Illinois, June 30, 1899.*

		DR.	
1899.	Balance, March 31, 1899.....		\$65,754 72
April	5 Rec'd from U. S. Treasurer for Agricultural Experiment Station fund.....	3,750 00	
"	27 Rec'd from S. W. Shattuck, paid warrants for credit general fund.....	1,598 78	
May	6 Rec'd from Treasurer of the State of Illinois, for credit of general fund.....	25,000 00	
June	1 Rec'd from S. W. Shattuck, Chicago draft for credit general fund.....	3,000 00	
"	26 Rec'd from S. W. Shattuck paid warrants for credit Agricultural Experiment Station fund.....	543 33	
"	26 Rec'd from S. W. Shattuck paid warrants for credit general fund.....	2,163 10	
"	26 Rec'd from S. W. Shattuck, for credit School of Medicine fund.....	4,848 60	
"	26 Rec'd from S. W. Shattuck, for credit School of Pharmacy fund.....	824 19	
"	30 Rec'd from S. W. Shattuck, Chicago draft for credit School of Medicine fund.....	2,000 00	
"	30 Rec'd from S. W. Shattuck paid warrants for credit general fund.....	1,685 34	
"	30 Rec'd from S. W. Shattuck, for credit Agricultural Experiment Station fund.....	548 28	45,961 72
			<u>\$111,716 44</u>
		CR.	
1899.	June 30 By amount paid out of general fund, as per list of warrants herewith.....	\$52,936 44	
"	30 By amount paid out of Agricultural Experiment Station fund, as per list of warrants herewith.....	4,704 28	
"	30 By amount paid out of School of Pharmacy fund, as per list of warrants herewith.....	1,935 08	
"	30 By amount paid out of Laboratory of Natural History fund, as per list of warrants herewith.....	2,661 29	
"	30 By amount paid out of School of Medicine fund, as per list warrants herewith.....	15,344 87	\$77,581 96
<i>Balances—</i>			
General fund.....		\$19,102 43	
Agricultural Experiment Station fund.....		1,414 07	
School of Medicine fund.....		12,892 09	
Laboratory of Natural History fund.....		1,646 76	
		\$35,055 35	
School of Pharmacy fund (overdrawn).....		920 87	34,134 48
			<u>\$111,716 44</u>

The Registrar presented statements of fees due from students in the several departments of the University for the quarters ending Sept. 30, 1898, Dec. 31, 1898, March 31, 1899, and June 30, 1899, except the report from the School of Medicine for the last quarter.

These were referred to the Finance Committee.

The Business Manager, Professor Shattuck, presented his report, which was referred to the Committee on Finance.

REPORT OF BUSINESS MANAGER.

UNIVERSITY OF ILLINOIS, Sept. 12, 1899.

Alex. McLean, Esq., President Board of Trustees, University of Illinois,

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

*Paper A* is a statement of the current appropriations, June 30, 1899.

*Paper B* is a statement of the State appropriations, June 30, 1899.

*Paper D* is a statement of the Laboratory of Natural History fund, June 30, 1899.

*Paper E* is a statement of the Agricultural Experiment Station appropriations, June 30, 1899.

*Paper F* is a statement of the School of Pharmacy appropriations, June 30, 1899.

*Paper G* is a statement of the School of Medicine appropriations, June 30, 1899.

*Paper H* is an estimate of receipts and expenses for the twelve months ending June 30, 1900.

*Paper I* is a list of appropriations for the three months ending December 31, 1899, which the Board is requested to make at this time.

*Paper L* is a statement of the collections by the Business Manager for the three months ending June 30, 1899.

PAPER A—CURRENT APPROPRIATIONS.

June 30, 1899.	Appropriated.	Expended.
Board expenses.....	\$314 71	\$314 71
Salaries for instruction { Current .....	116,837 53	{ 2,061 39
{ U. S. Fund .....		{ 24,000 00
{ State .....		{ 90,776 14
Salaries for services { Current.....	23,357 39	{ 1,259 46
{ State .....		{ 22,097 93
Buildings and grounds.....	1,115 39	1,115 39
Fuel and lights .....	1,490 52	1,490 52
Stationery and printing.....	1,089 13	1,089 13
Preparatory School.....	5,007 50	5,007 50
Repair shop.....	3,159 09	3,159 09
Mechanical department.....	536 38	536 38
Departments .....	441 43	441 43
Laboratories.....	3,751 46	3,751 46
Library and apparatus.....	40 57	40 57
Incidentals.....	1,571 43	1,571 43
<i>Sundries—</i>		
Closed out.....	1,990 46	1,990 46
Blue print room .....	453 37	453 37
Bruner case.....	444 27	444 27
Burial of Dr. Gregory.....	182 85	182 85
Corn and oats investigations.....	42 07	42 07
Food investigation .....	16 40	16 40
Furniture and fixtures .....	238 36	238 36
Greenhouse .....	30 17	30 17
Heating apparatus .....	241 98	241 98
Library school.....	476 39	476 39
Minnesota lands.....	282 06	282 06
President's expenses.....	68 03	68 03
South farm.....	221 92	221 92
	\$163,400 86	\$163,400 86

## PAPER B—STATE APPROPRIATIONS.

1895-1897.	Received.	Expended.	Balance.	Assigned.
<i>Cabinets—</i>				
Botany.....	\$666 66	\$615 05	\$51 61	\$51 61
Geology.....	666 67	652 86	13 81	13 81
Zoology.....	666 67	560 00	106 67	106 67
	\$2,000 00	\$1,827 91	\$172 09	\$172 09
1897-1899.	Received.	Expended.	Balance.	Assigned.
<i>Endowment fund interest.....</i>	<i>\$35,806 44</i>	<i>\$35,806 44</i>		
<i>Fire protection.....</i>	<i>\$2,000 00</i>	<i>\$1,462 14</i>	<i>\$537 86</i>	<i>\$537 86</i>
<i>Taxes on Minnesota lands.....</i>	<i>\$3,600 00</i>	<i>\$3,464 85</i>	<i>\$135 15</i>	<i>\$135 15</i>
<i>Vaccine Laboratory.....</i>	<i>\$2,400 00</i>	<i>\$1,841 64</i>	<i>\$558 36</i>	<i>\$558 36</i>
<i>Chemical Laboratory equipment.....</i>	<i>\$5,000 00</i>	<i>\$4,640 28</i>	<i>\$359 72</i>	<i>\$359 72</i>
<i>Pavements and walks.....</i>	<i>\$4,000 00</i>	<i>\$3,515 52</i>	<i>\$484 48</i>	<i>\$484 48</i>
<i>Library.....</i>	<i>\$20,000 00</i>	<i>\$13,264 34</i>	<i>\$6,735 66</i>	<i>\$6,735 66</i>
<i>Shop practice.....</i>	<i>\$3,000 00</i>	<i>\$2,745 87</i>	<i>\$254 13</i>	<i>\$254 13</i>
<i>Water survey.....</i>	<i>\$6,000 00</i>	<i>\$4,866 38</i>	<i>\$1,133 62</i>	<i>\$1,133 62</i>
<i>Cabinets.....</i>	<i>\$2,000 00</i>		<i>\$2,000 00</i>	<i>\$2,000 00</i>
<i>Apparatus and materials—</i>				
Closed out.....	\$200 00	\$200 00		
Applied chemistry.....	175 00	93 50	\$81 50	\$81 50
Astronomical Observatory.....	1,270 00	1,173 81	96 19	96 19
Botany and horticulture.....	740 00	698 04	41 96	41 96
Chemistry.....	1,000 00	918 62	81 38	81 38
Geology.....	450 00	60 01	389 99	389 99
Physiology.....	1,000 00	971 91	28 09	28 09
Psychology.....	350 00	306 84	43 16	43 16
Zoology.....	400 00	170 17	229 83	229 83
Unassigned.....	415 00		415 00	
	\$6,000 00	\$4,592 90	\$1,407 10	\$992 10
<i>Engineering equipment—</i>				
Architecture.....	\$695 66	\$695 66		
Civil engineering.....	587 70	587 70		
Mechanical department.....	4,632 94	4,632 94		
Physics and electrical engineering.....	6,271 11	6,271 11		
Theoretical and applied mechanics and municipal and sanitary engineering.....	1,557 88	1,557 88		
College (in general).....	5,500 00	5,442 81	\$57 19	\$57 19
Unassigned.....	754 71		754 71	
	\$20,000 00	\$19,188 10	\$811 90	\$57 19
<i>Salaries, etc.—</i>				
Closed out.....	\$10,811 92	\$10,811 92		
Salaries for instruction.....	127,491 58	127,491 58		
Salaries for services.....	27,892 61	27,892 61		
Accredited schools.....	650 10	650 10		
Advertising, postage, etc.....	5,019 31	5,019 31		
Administrative offices.....	126 50	126 50		
Agricultural department.....	5,971 00	5,804 66	\$166 34	\$166 34
Art and design.....	413 88	413 88		
Band and military scholarship.....	52 50	52 50		
Buildings and grounds.....	12,184 72	12,184 72		
Board expenses.....	1,156 87	1,156 87		
College of Literature and Arts.....	40 99	40 99		
Decorating Library Building.....	3,500 00	2,750 00	750 00	750 00
Fuel and lights.....	9,405 95	9,405 95		
Food investigation.....	500 00	59 18	440 82	440 82
Furniture and fixtures.....	1,727 63	1,727 63		
Heating apparatus.....	3,382 59	3,382 59		
Heating plant.....	2,192 29	2,192 29		
Illinois Agriculturist.....	198 40	198 40		
Illinois Field.....	4,000 00	2,648 00	1,352 00	1,352 00

Paper B—*State Appropriations*—Concluded.

1897-1899.	Received.	Expended.	Balance.	Assigned.
<i>Illini</i> .....	\$1,000 00	\$1,000 00	.....	.....
Law School.....	155 88	155 88	.....	.....
Lectures.....	329 30	329 30	.....	.....
Library supplies.....	922 97	922 97	.....	.....
Lockjaw experiment.....	24 40	24 40	.....	.....
Mechanical engineering laboratory.....	510 00	439 16	\$70 84	\$70 84
Oratorical contest.....	400 00	358 53	41 47	41 47
Preparatory School.....	284 49	284 49	.....	.....
Photographic equipment.....	100 38	100 38	.....	.....
Physical training.....	717 38	717 38	.....	.....
School of Music.....	730 21	730 21	.....	.....
Summer School.....	3,000 00	142 31	2,857 69	2,857 69
Stationery and printing.....	1,071 04	1,071 04	.....	.....
<i>Technograph</i> .....	200 00	200 00	.....	.....
Typewriting bureau.....	199 23	199 23	.....	.....
Water supply.....	750 00	750 00	.....	.....
Woman's department.....	1 99	1 99	.....	.....
Overdraft.....	[7,116 11]	.....	.....	.....
	\$227,116 11	\$221,436 95	\$5,679 16	\$5,679 16

## PAPER D—LABORATORY OF NATURAL HISTORY.

1895-1897.	Received.	Expended.	Balance.	Assigned.
General balance, July 1, 1896.....	\$253 68	\$94 70	\$158 98	\$158 98
Closed out.....	8,150 00	8,150 00	.....	.....
Diseases of insects.....	1,500 00	1,499 30	70	70
Report of Entomologist.....	250 00	250 00	.....	.....
	\$10,153 68	\$9,994 00	\$159 68	\$159 68

  

1897-1899.	Received.	Ex- pended.	Balance.	Assigned.
Salaries and assistants.....	\$8,000 00	\$8,000 00	.....	.....
Field, office, and incidentals.....	3,000 00	2,969 39	\$30 61	\$30 61
Library.....	3,000 00	2,948 35	51 65	51 65
Bulletins.....	1,500 00	1,168 29	331 71	331 71
Report of Entomologist.....	500 00	450 44	49 56	49 56
Biological Experiment Station.....	6,000 00	5,972 36	27 64	27 64
	\$22,000 00	\$21,508 83	\$491 17	\$491 17

## PAPER E—UNITED STATES AGRICULTURAL EXPERIMENT STATION.

1898-1899.	Appro- priated.	Expended.
<i>General Fund—</i>		
Salaries.....	\$7,276 64	\$7,276 64
Labor.....	3,226 90	3,226 90
Publications.....	1,126 65	1,126 65
Postage and stationery.....	129 77	129 77
Freight and express.....	108 75	108 75
Heat, light, and water.....	240 00	240 00
Chemical supplies.....	75 45	75 45
Seeds, plants, and sundries.....	306 25	306 25
Feeding stuffs.....	981 89	981 89
Library.....	142 90	142 90
Tools, implements, and machinery.....	238 19	238 19
Furniture and fixtures.....	13 01	13 01
Scientific apparatus.....	354 50	354 50
Live stock.....	65 00	65 00
Traveling expenses.....	280 57	280 57
Contingent expenses.....	280 67	280 67
Buildings and repairs.....	152 86	152 86
	\$15,000 00	\$15,000 00

*Paper E—State Appropriations—Concluded.*

1898-1899.	Appropriated.	Expended.
<i>Farm Fund—</i>		
Labor.....	\$2,418 87	\$2,418 87
Seeds, etc.....	1,125 46	1,125 46
	<u>\$3,544 33</u>	<u>\$3,544 33</u>

## PAPER F—SCHOOL OF PHARMACY.

1898-1899.	Appropriated.	Expended.	Balance.
Salaries for instruction.....	\$4,500 00	\$4,500 00	.....
Salaries for services.....	1,500 00	1,500 00	.....
Buildings and grounds.....	2,580 65	2,580 65	.....
Fuel and lights.....	441 60	441 60	.....
Stationery and printing.....	207 35	207 35	.....
Laboratories.....	894 71	894 71	.....
Incidentals.....	436 74	436 74	.....
Advertising.....	994 54	994 54	.....
Furniture and fixtures.....	22 57	22 57	.....
Unassigned.....	21 84	.....	\$21 84
	<u>\$11,600 00</u>	<u>\$11,578 16</u>	<u>\$21 84</u>

## PAPER G—SCHOOL OF MEDICINE.

1898-1899.	Appropriated.	Expended.	Balance.
Salaries for instruction.....	\$3,976 67	\$3,976 67	.....
Salaries for services.....	6,452 49	6,452 49	.....
Buildings and grounds.....	15,904 79	15,904 79	.....
Fuel and lights.....	2,259 99	2,259 99	.....
Stationery and printing.....	590 36	590 36	.....
Laboratories.....	2,256 03	2,256 03	.....
Library.....	82 85	82 85	.....
Apparatus and materials.....	4,390 73	4,390 73	.....
Incidentals.....	2,216 54	2,216 54	.....
Advertising.....	4,585 46	4,585 46	.....
Furniture and fixtures.....	742 57	742 57	.....
Unassigned.....	541 52	.....	\$541 52
	<u>\$44,000 00</u>	<u>\$43,458 48</u>	<u>\$541 52</u>

## PAPER R—RECEIPTS AND EXPENDITURES ON ACCOUNT SUMMER SCHOOL, 1899.

		EXPENDITURES.	
1899.			
Aug.	31	Printing etc .....	\$142 31
		Salaries, etc .....	3,781 89
		Balance of salary, A. Tompkins .....	150 00
		Balance other salaries.....	100 00
			<u>\$4,174 20</u>
		RECEIPTS.	
Aug.	31	Received on account of tuition .....	\$1,238 00
		Difference .....	2,936 20
			<u>\$4,174 20</u>

PAPER L—RECEIPTS BY THE BUSINESS MANAGER FOR THE THREE MONTHS ENDING  
JUNE 30, 1899.

University fees.....	\$5,971 57	
Preparatory School fees.....	763 35	
Diploma fees.....	640 00	
School of Pharmacy.....	824 19	
School of Medicine.....	10,927 35	
Agricultural Experiment Station.....	1,156 03	
Fuel and lights.....	168 26	
Greenhouse.....	173 38	
Repair shop.....	89 92	
Blue print room.....	239 24	
Mechanical department.....	7 72	
Incidentals.....	56 42	
Vaccine laboratory.....	21 00	
Physiological laboratory.....	12 50	
Physics laboratory.....	1 60	
Botanical laboratory.....	4 98	
Chemical laboratory.....	100 79	
Electrical laboratory.....	17 00	
Zoological laboratory.....	1 85	
Astronomy laboratory.....	6 50	
Civil engineering.....	8 88	
General engineering, drawing.....	5 90	
Farm rent.....	1,333 00	
Minnesota lands.....	9 54	
Land contracts, interest.....	83 73	
Land contracts, principal.....	2,943 67	
		\$25,518 29

*Paper M* is a list of general University vouchers presented for audit, being 2,226 to 2,925, inclusive.

*Paper N* is a list of Laboratory of Natural History vouchers presented for audit, being 301 to 408, inclusive.

*Paper O* is a list of the Agricultural Experiment Station vouchers presented for audit, being 358 to 500, inclusive.

*Paper P* is a list of the School of Pharmacy vouchers presented for audit, being 117 to 150, inclusive.

*Paper Q* is a list of School of Medicine vouchers presented for audit, being 401 to 625, inclusive.

*Paper R* is a report upon the Summer School receipts and expenditures.

Respectfully submitted,

S. W. SHATTUCK,  
*Business Manager.*

The following appropriations were made as recommended by the Business Manager:

Mr. Smith offered the following resolution, which was adopted:

#### INSTRUCTION IN MUSIC.

*Resolved*, By the Board of Trustees of the University of Illinois, that all matriculated students shall be entitled to instruction in all departments of the School of Music at no higher rates than students of other departments of the University are charged.

That all persons desiring to enter the School of Music shall be subject to the rules in force in other departments of the University touching qualifications and course of study. An examination shall be had as in other departments to the end that each pupil shall maintain the required standing.

This resolution shall be in force from and on Sept. 1, 1901.

Mr. Nightingale offered the following resolution which was referred to the Committee on Instruction:

#### UNIVERSITY FEES.

WHEREAS, The University of Illinois is an educational institution, established and maintained by the State, and

WHEREAS, The public schools of the State are and ought to be free, therefore

*Resolved*, That it shall be the policy of the University of Illinois to offer an education, in its academic and other departments, except professional schools, free to all the young people of Illinois who are prepared to receive its privileges; further

*Resolved*, That the tuition to students from other states than Illinois be — dollars a year.

#### *Appropriations for the Three Months Ending December 31, 1899.*

Board expenses.....	\$500 00	
Salaries for instruction.....	40,000 00	
Salaries for services.....	6,000 00	
Buildings and grounds.....	1,000 00	
Fuel, lights, and electric power.....	3,000 00	
Stationery, printing, etc.....	500 00	
Advertising and postage.....	500 00	
Repair shop.....	600 00	
Agricultural department.....	3,000 00	
Departments.....	300 00	
Laboratories.....	1,000 00	
Library and apparatus.....	50 00	
Incidentals.....	800 00	
Furniture and fixtures.....	500 00	
Heating apparatus.....	500 00	
Water supply.....	250 00	
Greenhouse.....	100 00	
Blue print room.....	200 00	
Library school.....	100 00	
		\$58,900 00
School of Pharmacy.....	\$6,000 00	
School of Medicine.....	20,000 00	
Agricultural Experiment Station.....	4,500 00	
		\$30,500 00
Total.....		\$89,400 00

#### DINING ROOM.

Mrs. Flower offered the following resolution which was adopted:

WHEREAS, It is neither dignified nor profitable for the University to appear to compete with the boarding houses of Champaign and Urbana, and the University would avoid this so far as practicable, yet as it is absolutely necessary that some special provision shall be made for suitable food for students other than can be obtained in such boarding houses for so large a number of students as is now attending the University, and

WHEREAS, It is of much importance that the University shall take up in a substantial and permanent manner the all important subject of domestic economy and a proper and nutritious food supply for the public, and

WHEREAS, It was the intention to do this at the present time, but as preparations are not sufficiently advanced to enable us to start in the matter at the opening of the University and as we are also embarrassed for lack of funds with which suitably to support the enterprise, therefore

*Resolved*, That the establishment of a dining room at the University be postponed until the opening of the University in September, 1900; that the Committee on Students' Welfare be empowered to make all arrangements to

furnish from that time meals prepared according to the most widely accepted dietary standards and especially adapted to the needs of students, such meals to be attractive, palatable, digestible and prepared with every scientific precaution; that said lunch room be made thoroughly educational in its features and adapted to the better nourishment of students; that the same may be prepared so as to begin serving students with the opening of the University year in 1900: and that all arrangements be made in the meantime for inaugurating such enterprise and notice thereof with a statement of its purposes and advantages be inserted in the next catalogue of the University.

Mrs. Flower offered the following resolution which was adopted:

UNIVERSITY AND COLLEGE OF PHYSICIANS AND SURGEONS.

*Resolved*, That the President of the University, the Business Manager, and the Chairman of the Committee on the School of Medicine, be requested to confer with the officers and stockholders of the College of Physicians and Surgeons, or their representatives, and ascertain and report to the Board what terms can be arranged for a permanent union of the University and the College of Physicians and Surgeons upon a basis of the University ultimately acquiring the title to the property of said College.

Mrs Carriel offered a resolution with regard to quarterly reports from the Deans of the several colleges. Mrs. Flower offered a substitute to this resolution. The substitute was voted down, and then the whole question was referred to Mrs. Carriel and Mrs. Flower to report upon at the next meeting of the Board.

The Committee on Agriculture offered the following reports:

NORTH FARM.

URBANA, ILLINOIS, September 12, 1899.

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

Your Committee respectfully reports that it has ordered that as far as possible the location, size, and depth of existing drains be determined, and that two maps of the north farm be made, one for the use of the Trustees and the other for the use of the farm.

The Committee recommends,

1. That appropriations be made for draining the horticultural grounds in accordance with the plans shown by a map of the horticultural plat. As the present drain is too small to carry but a small part of the water, it will be necessary to run a twelve-inch main to the slit basin south of University Hall.
2. That a brick wall be put under the tool barn and that a new roof be put on the warehouse.
3. That the barbed wire fence about the barns and lanes be replaced by a suitable stock fence, and that the posts for the fence on the north, west, and south of plats 1, 2, 15, 16, and 17, and on the south of plats 13 and 14 be replaced by new posts.

Your Committee recommends that appropriations be made for these purposes as follows:

Maps.....	\$200 00
Drains .....	396 00
Wall under tool barn.....	99 25
Roof on warehouse.....	105 00
Fence .....	207 00
Total.....	\$1,007 25



Your Committee asks that it be authorized to carry out this work herein outlined, the same to be paid for from the special State appropriation of \$2,000, transferred by action of the Board to its control.

Your Committee further recommends that the expense of repairing the farm house on the north farm be paid from the special fund for repairs, etc.

F. L. HATCH,  
F. M. MCKAY,  
MARY TURNER CARRIEL,  
ALICE ASBURY ABBOTT,  
*Committee on Agriculture.*

#### SOUTH FARM.

URBANA, ILLINOIS, Sept. 12, 1899.

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

Your Committee on Agriculture recommends that new lightning rods be placed upon the barn on the south farm at an expense of \$25, and that a porch be added to the house and the windows repaired at a cost of about \$80.

It has been deemed best to defer building the fence for which an appropriation of \$78 has been made.

Your Committee directs the attention of the Board to the fact that the whole amount of the repairs recommended for the south farm, for which a rental of \$2,000 is paid annually, is but \$190, although this farm has been hitherto so neglected that treble that amount is actually necessary, but not now recommended.

The sums herein asked for should be taken from the revenue of the farm.

The Committee would also recommend that so soon as the track on Illinois Field be completed the Superintendent of Buildings and Grounds be authorized to allow the tenant of the south farm to haul such amount of cinders as can be spared for the repairs of roadways at the farm. This can now be done without expense to the University and will save future expenditure and damage.

The Committee has also authorized the tenant to haul half worn posts from the rubbish heap on the north farm for the repair of fences around the house and barn on the south farm. These posts are to be hauled away under the superintendence of Professor Holden, as the best may be needed for repairs on the north farm.

Respectfully submitted,

F. L. HATCH,  
F. M. MCKAY,  
MARY TURNER CARRIEL,  
ALICE ASBURY ABBOTT,  
*Committee on Agriculture.*

#### COLLEGE OF AGRICULTURE AND EXPERIMENT STATION.

URBANA, ILLINOIS, Sept. 12, 1899.

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

The Committee on Agriculture, having been instructed to bring in a recommendation as to a readjustment of the financial relations between the Experiment Station and the College of Agriculture, respectfully recommends the following plan:

That the Dean of the College and Director of the Station be requested to observe great care that each shall support its own affairs and contribute *pro rata* in the support of the things used jointly.

That as by previous action of the Board the salaries of the Experiment Station investigators and of the instructors in technical agriculture have been divided between the two funds specifically appropriated by law to these two interests, we recommend further division in the following manner:

That the College herd, the dairy, the barns, the horses, except as hereafter specified, the sheep, and whatever other stock may be necessary in supplying the facilities for teaching technical agriculture in all its branches, shall be maintained from the agricultural fund recently defined by statute, one-half of which, \$12,000 or more, has by action of the Board been set aside for facilities for instruction and maintenance.

That the receipts arising from the College herd and dairy, and from animals bred at the barns shall be credited to the agricultural fund. That the College herd be increased by the purchase of at least four specimens of registered stock, not now represented, and the commercial value of the dairy increased by the purchase of at least six new milch animals of good breed, to the end that the profits from the dairy shall cover the cost of maintenance of all the animals required.

That whenever experiments are conducted in animal husbandry the expense shall be paid from Experiment Station funds, including cost of feed and labor. No charge shall be made against the Experiment Station or room for teams or for space for any reasonable number of cattle for temporary experiments.

That two teams be maintained for experimental farm uses and when purchased shall be paid for from Station funds and maintained from the same.

That the present dairy team be turned over without cost to the University for the use of the College of Agriculture. That the wages of the teamsters caring for the respective teams shall be paid from the fund maintaining the teams for the specific purposes defined above. That the wages of any other men at the horse barn be paid from the agricultural fund. The wages of the head cattle man to be divided equally between the two funds, as in case of experiments he would be charged with the feeding.

That the 160 acres more or less south of the University campus shall be known as the north farm. It shall be conducted solely as a laboratory for the College of Agriculture and the Experiment Station, and the expense for the same shall be paid from both funds in such proportion as shall be fixed by the appropriations made by the Board of Trustees upon the recommendation of the Dean of the College and the Director of the Station.

#### THE DAIRY.

The receipts for year ending July 1, 1899.....	\$2,846 91
Approximate expense for same period without cost of feed for cattle.....	1,535 58
Balance.....	\$1,311 33

It is difficult to get at cost of feed for cattle as this was bought for all animals at barns and stable at the same time. But there is in this expense account the cost of the feed of the dairy team, coal, ice, repairs, bottles, soap, labor in the dairy, which has nothing to do with the barn, but which is \$40 a month for a man, who cares for milk and drives the team, and \$50 for extra labor.

#### VALUE OF STOCK OWNED BY UNIVERSITY.

Value of horses.....	\$610 00
Value of cattle.....	3,960 00
Value of sheep.....	155 00
Value of swine.....	50 00
Total.....	\$4,175 00

An inventory of animals owned by the University and by the Experiment Station is herewith presented. The Committee recommends as a general policy that the breeding herd of cattle include two breeds, Shorthorns and Holstein-Friesians, but that specimens of other breeds be obtained from time to time by purchase or loan.

The Committee also recommends that no attempt be made to breed other horses than Morgans, but that specimens of other breeds be obtained from time to time as in the case of cattle.

The inventories of other property as presented June 30, and now in the hands of the Business Manager, were corrected and approved, and are presented herewith.

This property consists of office furniture, machinery, microscopes, cameras, and a variety of apparatus.

The value of dairy wagon, harness, furniture and tools turned over from Experiment Station to the College of Agriculture.....	\$237 50
The value of tools, machinery, and appliances in general agriculture turned over from Experiment Station to the College of Agriculture.....	110 85
Value of wagons, tools, and appliances turned over from horticultural department of Experiment Station to the College of Agriculture.....	162 35
	<hr/>
	\$510 70
	<hr/>
Value of other property of like character already belonging to College of Agriculture.....	\$740 75
Value of all property, animals or otherwise, owned by the University and including that turned over to College of Agriculture from Experiment Station.....	5,426 45
Value of all property, animals or otherwise, retained by Experiment Station.....	4,135 65
Value of books and pamphlets belonging to Experiment Station and turned over to University Library.....	7,531 88

FRED L. HATCH,  
F. M. MCKAY,  
MARY T. CARRIEL,  
ALICE ASBURY ABBOTT,  
*Committee on Agriculture.*

These reports of the Committee on Agriculture were severally adopted and appropriations were made as therein recommended.

The Committee on Buildings and Grounds made the following report:

#### PAVING BURRILL AVENUE.

URBANA, ILLINOIS, Sept. 12, 1899.

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

Your Committee on Buildings and Grounds reports that bids for paving Burrill avenue from Green street to Springfield avenue were called for and that a contract has been let with John W. Stipes at the following prices:

Excavating, 23 cents per cubic yard.

Concrete and brick work, \$1.24 per square yard.

Concrete curb and gutter, 48 cents per running foot.

Your committee has decided to pave Springfield avenue in front of Military Hall the length of the building.

S. A. BULLARD,  
T. J. SMITH,

*Committee on Buildings and Grounds.*

The report of the Committee was approved.

President McLean and Mr. Bullard made the following report of their action in relation to contracts and bonds for the erection of the Agricultural building:

## CONTRACTS AND BONDS FOR AGRICULTURAL BUILDING.

URBANA, ILLINOIS, Sept. 12, 1899.

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

Your special committee appointed for the purpose desires to report that by your order it has signed on behalf of the University of Illinois contracts as follows:

For the construction of the Agricultural building, with Valentine Jobst & Sons, general contractors, amount, \$117,193.00. The firm has given an acceptable surety company bond for one-quarter of that amount.

For plumbing and drainage on said building, with Baumgarten Bros. for the sum of \$11,366.00. The firm has given an acceptable surety company bond for one-quarter of that amount.

For steam heating apparatus, with Thomas & Smith for \$14,786.00. The firm has given an acceptable surety company bond for one-quarter of that amount.

The bonds and contracts have been placed in the hands of the Secretary of the Board for preservation.

Respectfully submitted,

ALEX. McLEAN,  
S. A. BULLARD,

*Committee.*

The special Committee appointed to look after the arrears of interest made the following report:

## ARREARS OF INTUREST.

URBANA, ILLINOIS, September 12, 1899.

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

The undersigned committee appointed to obtain payment of back interest from the State Treasurer respectfully reports that it has attended to the matter and has obtained the promise of the immediate payment of the arrears of interest.

Respectfully submitted,

ALEX. McLEAN,  
T. J. SMITH,  
S. A. BULLARD,

*Committee.*

The Board adjourned to meet at 9 o'clock a. m. Friday, September 29, 1899, in the office of the President of the Illinois State Board of Agriculture, on the Fair Grounds, Springfield, Ill.

## ADJOURNED SESSION, SEPTEMBER 29, 1899.

When the Board met in the office of the President of the Illinois State Board of Agriculture, in Springfield, pursuant to adjournment, at 9 o'clock a. m., Friday, September 29, 1899, the following members of the Board were present: Messrs. Bullard, Fulkerson, McKay, McLean and Hatch.

There being no quorum present the Board adjourned to meet at the Sherman House, Chicago, at 4 o'clock p. m., Monday, October 9, 1899.

## ADJOURNED SESSION, OCTOBER 9, 1899.

When the Board met at the Sherman House, Chicago, pursuant to adjournment, at 4 o'clock p. m., Monday, October 9 1899, the following members were present: Messrs. Bayliss, McKay, McLean, Mrs. Flower, Mrs. Carriel and Mrs. Abbott.

There being no quorum present the Board adjourned.

W. L. PILLSBURY,

*Secretary.*

ALEX. McLEAN,

*President.*

## MEETING OF THE EXECUTIVE COMMITTEE, SEPTEMBER 12, 1899.

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A duly called meeting of the executive committee of Board of Trustees of the University of Illinois was held in Capt. T. J. Smith's office, in Champaign, Illinois, on the evening of Sept. 12, 1899.

All the members of the committee were present.

An appropriation of \$300.00 from the agricultural fund was made to defray expenses of an exhibit of the agricultural department at the State Fair, in Springfield, and also an appropriation of \$300.00 for an exhibit by the other departments of the University.

ALEX. MCLEAN, *President*.

## MEETING OF SEPTEMBER 29, 1899.

A meeting of the executive committee of the Board of Trustees of the University of Illinois was held at the office of the president of the Illinois State Board of Agriculture, on the fair grounds, in Springfield, Illinois, on the forenoon of Friday, Sept. 29, 1899.

There were present Messrs. McLean and McKay; absent, Mrs. Flower.

The following communication was received from President Draper:

UNIVERSITY OF ILLINOIS, Sept. 28, 1899.

*To the Board of Trustees.*

At the recent meeting of the Board the application of Mr. Loren Provine for a free scholarship in the University was referred to me. Having ascertained that Mr. Provine is the son of a soldier of the Union army in the civil war, and the Board having granted a similar request in another case, I recommend that this request be granted, upon the understanding that it is to apply in the academic departments only and not to the professional and preparatory departments of the University.

Upon the recommendations of the professors of music, and their statement that Miss Jeannette Stedman has marked musical talent and can be of service to the department and lacks the means to continue study therein, I recommend that she be given a free scholarship in music for the present year.

By previous action of the Board the fees in instrumental music are made lower for instruction by Miss Fox than by Professor Jones. Now that there is an assistant in vocal music the same practice should apply in that connection. I therefore recommend that the fees for instruction by the assistant in vocal music be made the same as for instruction by the assistant in instrumental music.

By authority previously given by the Board, Mr. William Alexander Adams has been appointed as instructor in rhetoric and oratory at a salary of \$100 per month for ten months; and Mr. James Henri Walton, Jr., and Mr. Frank Roy Fraprie have been appointed assistants in chemistry at \$50 per month for ten months; Mr. Harry Curtis Marble has been appointed assistant in electrical engineering at \$50 per month for ten months, and Mr. William Albert Hawley, a student in the senior class, has been appointed assistant in military at \$100 for the year; these appointments to take effect September 1st, except that of Mr. Marble which will go into effect October 1st. They are hereby reported in order that they may be confirmed and a proper record made thereof.

The necessity for an additional piano in the department of music is imperative. One of moderate cost will suffice. I recommend the appropriation of the sum of \$200 for such purpose.

I am just in receipt of a communication from Mr. William A. Heath, cashier of the Champaign National Bank, who, acting for Professor Edward Snyder, advises me that on September 30th Professor Snyder will pay to the treasurer of the University the sum of \$9,500, on account of his previously announced gift to the University in order to establish the Edward Snyder Department of Students' Aid.

A number of applications have already been made by students who desire loans from this fund. Pursuant to action of the Board at the June meeting the Council of Administration will doubtless make recommendations in the premises at an early day, and hence it is desirable that the Finance Committee of the Board shall very soon formulate "plans for the management of the fund, and determine the conditions upon which it shall be loaned so far as security is concerned, or otherwise," as provided in the previous action of the Board.

A. S. DRAPER,

*President.*

It was voted to grant scholarships to Mr. Provine and Miss Stedman as recommended. It was also voted to make the fees for instruction by the assistant in vocal music the same as the fees for instruction by the assistant in instrumental music, and to give authority for renting an additional piano.

The appointments reported were confirmed.

An appropriation of \$23.50 from the agricultural fund was made to defray the expenses of printing the report of food analysis in excess of \$50.00 already appropriated for this purpose.

ALEX. MCLEAN,

*President.*

MEETING OF DECEMBER 12, 1899.

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The Board of Trustees of the University of Illinois met in the Trustees' Room, Library Building, Urbana, Illinois, at 9 o'clock a. m., Tuesday, Dec. 12, 1899.

Soon after the regular call for the meeting had been issued, notice was sent to the members of the board that several of their number would have to be in attendance on the day set for the meeting of the Board upon the trial, in Chicago, of the bondsmen of Charles W. Spalding, defaulting treasurer.

There were present Messrs. Bullard and Smith and Mrs. Abbott. President Draper was also present.

Mr. Bullard was elected chairman, *pro tem.*, and President Draper, secretary, *pro tem.*

The Board then adjourned to meet at the Sherman House, in Chicago, Illinois, at 9 o'clock a. m., Wednesday, Dec. 13th.

## SESSION OF DECEMBER 13, 1899.

When the Board met pursuant to adjournment at 9 o'clock a. m., Dec. 13, 1899, at the Sherman House, in Chicago, Illinois, it was found that several members of the Board could not be present because their attendance was required in the trial of Spalding's bondsmen, which was not yet concluded. Accordingly, after the Board was called to order by President McLean it was voted to adjourn to the same place at 9 o'clock a. m. Dec. 19, 1899.

## SESSION OF DECEMBER 19, 1899.

When the Board met pursuant to adjournment at 9 o'clock a. m., Dec. 19, 1899, at the Sherman House, in Chicago, Illinois, there were present Messrs. Bullard, Fulkerson, Hatch, McLean, Nightingale, and Smith and Mrs. Flower, Mrs. Carriel, and Mrs. Abbott. President Draper was also present. Those absent were Governor Tanner and Messrs. Bayliss and McKay.

The minutes of the meeting of September 12th and of the adjourned session held in Springfield on September 29th and in Chicago on October 9th were approved; and the acts of the Executive Committee of the Board at its meeting held September 12, 1899, in Champaign, Illinois, and September 29, 1899, in Springfield, Illinois, were confirmed, as printed.



COMMUNICATIONS FROM PRESIDENT DRAPER.

UNIVERSITY OF ILLINOIS, Dec. 12, 1899.

To the Board of Trustees:

I respectfully make the following recommendations to the Board:

1. That Doctor Edwin Grant Dexter be appointed professor of pedagogy at a salary of \$2,000 per annum, with the term of employment to begin September 1, 1900, and with the understanding that Doctor Dexter shall participate in the work of the summer term and be compensated therefor the same as other University professors.

Doctor Dexter was born in Calais, Maine, July 21, 1868. He graduated at Brown University with the degree of A. B. in 1891, and received the degree of A. M. from Brown University in 1892. He received the higher diploma from the Teachers' College, of Columbia University, in 1899, and the degree of Ph. D., (education, psychology, philosophy,) from Columbia University in 1899. He was an instructor in Brown University in the year 1891-'92; a teacher in the Colorado Springs High School from 1892 to 1895; a professor in the State Normal School, at Greeley, Colorado, from 1895 to the present time, except that he spent the year 1898-'99 in work at Columbia University. He was director of the Colorado summer school in the summers of 1893 and 1894, and a director of normal institutes in Colorado in the summers of 1896, 1897 and 1898.

2. I transmit the recommendation of the Council of Administration that the summer term be continued next summer, but for the period of six weeks rather than nine; and recommend that an appropriation of \$2,000, together with the fees which may be received, be made for the support of the same.

3. I transmit a letter from the secretary of the Illinois Pharmaceutical Association certifying to the action of that body in nominating Messrs. T. S. Arnold, of Watseka, W. G. Carrothers, of Fairfield, and Charles Ryan, of Springfield, from which to select a member of the Advisory Board of the School of Pharmacy to succeed Mr. T. C. Loehr, of Carlinville, whose term has expired.

4. I transmit the report of the Dean of the College of Agriculture and the Director of the Agricultural Experiment Station covering requests for appropriations for the quarter ending March 31, 1900. I approve his requests for appropriations for the College of Agriculture as follows:

Agronomy.....	\$1,000
Animal husbandry.....	900
Dairy husbandry.....	800
Horticulture.....	600
Office and incidentals.....	200
Total.....	\$3,500

For the Agricultural Experiment Station as follows:

Salaries.....	\$1,710
Publications.....	540
Agronomy.....	250
Animal husbandry.....	450
Dairy husbandry.....	300
Horticulture.....	400
Botany.....	50
Incidentals.....	50
Total.....	\$3,750

5. It is recommended that the Trustees invite the Central Division of the American Modern Language Association to hold its meeting for 1900 or 1901 at the University. I am told that there is a possibility of securing the meeting, and as one of our professors, at least, is to be in attendance at the session to be held at Nashville next week and will extend the invitation. I should be glad to have it reinforced by the favorable action of the Board of Trustees.

6. It is recommended that the military building of the University be designated and hereafter called "The Armory."

7. It is recommended that the fees of Mr. Frank Cayou, an Indian student who has recently come to the University from the United States Indian School at Carlisle, Pennsylvania, be remitted.

8. The financial report with certain recommendations of the Director of the State Laboratory of Natural History is herewith transmitted.

Respectfully submitted,

A. S. DRAPER.

Action was taken on the items of the foregoing paper severally as follows:

1. Mr. Dexter was appointed professor of pedagogy as recommended.

2. The recommendation with regard to a summer term was adopted and the appropriation of \$2,000 was made.

3. The communication from the Illinois Pharmaceutical Association was referred to the Committee on the School of Pharmacy, and later, upon recommendation of the Committee, Mr. Charles Ryan, of Springfield, Illinois, was appointed a member of the Advisory Board of the School of Pharmacy, his term to expire June 30, 1904.

4. Appropriations for the College of Agriculture and for the Experiment Station were made as recommended.

5. It was voted to invite, in the name of the Board of Trustees, the Central Division of the American Modern Language Association to hold its next meeting at the University.

6. It was voted that hereafter Military Hall should be designated "The Armory."

7. Mr. Cayou's fees were remitted as recommended.

8. The financial report of the Director of the State Laboratory of Natural History was referred to the Committee on Finance.

Mr. Thomas Large was appointed zoölogical assistant in the State Laboratory of the Natural History, to take the place of Mr. Surface, who had resigned, the appointment to take effect from Oct. 7, 1899, and to continue for ten months at a salary of \$75.00 a month.

The Secretary submitted the Treasurer's report, which was referred to the Finance Committee:

## TREASURER'S REPORT.

E. G. KEITH, TREASURER, IN ACCOUNT WITH THE UNIVERSITY OF ILLINOIS,  
SEPTEMBER 30, 1899.

		<i>Dr.</i>	
1899.			
July	7	Balance June 30, 1899 .....	\$34,134 48
"	7	Received from U. S. Treasurer, for Agricultural Experiment Station fund .....	\$3,750 00
"	31	Received from S. W. Shattuck for credit School of Medicine fund .....	2,289 05
August	10	Received from S. W. Shattuck, Chicago draft for credit School of Medicine fund .....	1,789 70
"	22	Received from Treasurer State of Illinois, for credit of general fund .....	120,100 00
September	19	Received from Treasurer State of Illinois, for credit of general fund .....	11,739 90
"	27	Received from Treasurer State of Illinois, interest on endowment fund, for credit of general fund .....	17,731 51
"	30	Received from S. W. Shattuck, paid warrants, for credit of general fund .....	5,178 93
"	30	Received from S. W. Shattuck, Chicago draft, for credit Agricultural Experiment Station fund .....	691 13
"	30	Received from S. W. Shattuck, for credit of School of Medicine fund .....	1,556 70
"	30	Received from S. W. Shattuck, for credit School of Pharmacy fund .....	185 00
			165,011 92
			<u>\$199,146 40</u>
		<i>Cr.</i>	
1899.			
September	30	By amount paid out of general fund, as per list of warrants herewith .....	\$54,669 93
"	30	By amount paid out of Experiment Station fund, as per list of warrants herewith .....	4,151 22
"	30	By amount paid out of School of Pharmacy fund, as per list of warrants herewith .....	2,349 18
"	30	By amount paid out of School of Medicine fund, as per list of warrants herewith .....	7,518 97
"	30	By amount paid out of Laboratory of Natural History fund, as per list of warrants herewith .....	995 91
			\$69,685 21
		<i>Balances—</i>	
		General fund .....	\$119,182 84
		Agricultural Experiment Station fund .....	1,703 98
		School of Medicine fund .....	11,008 57
		Laboratory of Natural History fund .....	650 85
			\$132,546 24
		School of Pharmacy fund (overdrawn) .....	3,085 05
			129,461 19
			<u>\$199,146 40</u>

A bill from the City of Urbana for sewer tax due on account of the sewer in Mathews avenue, was referred to the Finance Committee, with power to act, ordering the payment of either the full amount of the tax or of so much as was already past due.

The request of the Trustees of School District No. 66, in Pope County, Minn., asking the University to donate one acre for a school site in the southeast corner of Section 21, T. 124, R. 36, Pope County, Minn., was granted, and the President and Secretary of the Board were authorized to make a deed for the tract of land to the Trustees of said School District No. 66, the same to revert to the then owner of the land adjacent to said Section 21 when it should no longer be used as a school house site.

The Business Manager's report was presented and referred to the Finance Committee.

BUSINESS MANAGER'S REPORT.

UNIVERSITY OF ILLINOIS, December 12, 1899.

Alexander McLean, Esq., 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, Sept. 30, 1899.

Paper B is a statement of the State appropriation, Sept. 30, 1899.

Paper C is a statement of the United States fund, Sept. 30, 1899.

Paper D is a statement of the Laboratory of Natural History funds Sept. 30, 1899.

Paper E is a statement of the Agricultural Experiment Station appropriations, Sept. 30, 1899.

Paper F is a statement of the School of Pharmacy appropriations, Sept. 30, 1899.

Paper G is a statement of the School of Medicine appropriations, Sept. 30, 1899.

PAPER A—CURRENT APPROPRIATIONS.

September 30, 1899.	Appropriated.	Expended.	Balance.
Salaries for instruction..... { Current..... U. S. fund..... State appropriations.....	\$25,455 51	{ \$541 65 5,599 47 14,675 17	{ \$4,709 22
Salaries for services..... { Current..... State appropriations.....	5,000 00	{ 58 10 4,830 10	{ 111 80
Buildings and grounds.....	100 00	61 46	38 54
Fuel and lights.....	100 00	39	99 61
Stationery and printing.....	200 00	22 81	177 19
Preparatory school.....	770 00	770 00	
Repair shop.....	1,200 00	1,177 39	22 61
Mechanical department.....	500 00	156 24	343 76
College of Agriculture.....	370 65	360 76	9 89
Departments.....	229 35	79 35	150 00
Laboratories.....	2,000 00	1,574 04	425 96
Library and apparatus.....	50 00	30 95	19 05
Incidentals.....	800 00	507 98	292 02
Sundries—			
Blue print room.....	200 00	100 66	99 34
Furniture and fixtures.....	250 00	3 75	246 25
Greenhouse.....	200 00	35	199 65
Heating apparatus.....	100 00	93 39	6 61
Library school.....	200 00	24 50	175 50
Minnesota lands.....	200 00	73 07	126 93
South farm.....	163 00	87 00	76 00
State Fair exhibit.....	300 00		300 00
	\$38,388 51	\$30,758 58	\$7,629 93

PAPER B—STATE APPROPRIATIONS.

1895-1897.	Received.	Expended.	Balance.	Assigned.
Cabinets—				
Botany.....	\$666 66	\$666 66		
Geology.....	666 67	666 67		
Zoölogy.....	666 67	666 67		
	\$2,000 00	\$2,000 00		

*Paper B—State Appropriations—Continued.*

1897-1899.	Received.	Expended.	Balance.	Assigned.
<i>Cabinets</i> .....	\$2,000 00	\$244 26	\$1,755 74	\$1,755 74
<i>Chemical laboratory equipment</i> .....	\$5,000 00	\$4,679 18	\$320 82	\$320 82
<i>Endowment fund interest</i> .....	\$53,537 95	\$53,537 95		
<i>Fire protection</i> .....	\$2,000 00	\$1,462 14	\$537 86	\$537 86
<i>Library</i> .....	\$20,000 00	\$15,943 57	\$4,056 43	\$4,056 43
<i>Pavements and walks</i> .....	4,000 00	3,620 12	379 88	379 88
<i>Shop practice</i> .....	3,000 90	2,852 74	147 26	147 26
<i>Taxes on Minnesota lands</i> .....	3,600 00	3,464 85	135 15	135 15
<i>Vaccine Laboratory</i> .....	2,400 00	2,079 09	320 91	320 91
<i>Water survey</i> .....	6,000 00	5,569 15	430 85	430 85
<i>Apparatus and materials—</i>				
Closed out .....	\$200 00	\$200 00		
Applied chemistry .....	192 11	192 11		
Astronomical observatory .....	1,370 00	1,183 98	\$186 02	\$186 02
Botany and horticulture .....	740 00	698 04	41 96	41 96
Chemistry .....	1,000 00	918 62	81 38	81 38
Geology .....	450 00	86 99	363 01	363 01
Physiology .....	1,000 00	971 91	28 09	28 09
Psychology .....	350 00	306 84	43 16	43 16
Zoology .....	400 00	170 17	229 83	229 83
Unassigned .....	297 89		297 89	
	\$6,000 00	\$4,728 66	\$1,271 34	\$973 45
<i>Engineering equipment—</i>				
Architecture .....	\$837 06	\$837 06		
Civil engineering .....	626 24	626 24		
Mechanical engineering department .....	4,753 57	4,753 77		
Physics and electrical engineering .....	6,559 25	6,559 25		
Theoretical and applied mechanics and municipal and sanitary engineering .....	1,690 07	1,690 07		
College .....	5,533 81	5,533 81		
	\$20,000 00	\$20,000 00		
<i>Salaries, etc.—</i>				
Closed out .....	\$32,455 42	\$32,455 42		
Salaries for instruction .....	116,534 56	116,534 56		
Salaries for services .....	27,892 61	27,892 61		
Agricultural department .....	5,958 24	5,958 24		
Art and design .....	556 54	556 54		
Band and military scholarships .....	300 00	300 00		
Buildings and grounds .....	13,203 53	12,303 53		
Commencement .....	143 25	143 25		
Decorating library building .....	3,500 00	2,900 00	600 00	600 00
Food investigation .....	500 00	440 83	59 17	59 17
Furniture and fixtures .....	2,544 53	2,544 53		
Heating apparatus .....	3,471 40	3,471 40		
Heating plant .....	2,256 94	2,256 94		
Illinois field .....	4,000 00	3,431 77	568 23	568 23
Lectures .....	339 70	339 70		
Mechanical engineering laboratory .....	691 69	580 97	110 72	110 72
Oratorical contest .....	410 53	410 53		
Preparatory school .....	425 48	425 48		
Physical training .....	741 38	741 38		
Summer school .....	4,074 20	4,074 20		
	\$220,000 00	\$218,661 88	\$1,338 12	\$1,338 12

*Paper B—State Appropriations—Continued.*

1899-1901.	Received.	Expended.	Balance.	Assigned.
<i>Salaries, etc.—</i>				
Salaries for instruction.....	\$19,354 39	\$14,645 17	\$4,709 22	\$4,709 22
Salaries for services.....	5,000 00	4,830 10	169 90	169 90
Accredited schools.....	500 00		500 00	500 00
Advertising, postage, etc.....	2,000 00	779 40	1,220 60	1,220 60
Alumni association.....	25 00	17 00	8 00	8 00
Art and design.....	150 00		150 00	150 00
Board expenses.....	850 00	773 96	76 04	76 04
Buildings and grounds.....	1,900 00		1,900 00	1,900 00
College literature and arts.....	100 00		100 00	100 00
Furniture and fixtures.....	250 00	72 70	177 30	177 30
Fuel and lights.....	2,900 00	1,107 45	1,792 55	1,792 55
Heating apparatus.....	900 00	795 68	104 32	104 32
Law school.....	200 00	61 75	138 25	138 25
Lectures.....	500 00		500 00	500 00
Library supplies.....	200 00	189 27	10 73	10 73
<i>Illini.....</i>	200 00		200 00	200 00
<i>Illio.....</i>	100 00		100 00	100 00
Oratorical contest.....	200 00		200 00	200 00
Preparatory School.....	100 00	17 65	82 35	82 35
Photographic equipment.....	100 00	57 07	42 93	42 93
Physical training.....	200 00	26 10	173 90	173 90
School of Music.....	100 00	7 50	92 50	92 50
Stationery and printing.....	800 00	402 65	397 35	397 35
State Fair exhibit.....	300 00		300 00	300 00
Water supply.....	500 00	250 00	250 00	250 00
Unassigned.....	7,570 61		7,570 61	
	\$45,000 00	\$24,033 45	\$20,966 55	\$13,395 94
<i>Taxes on Minnesota lands.....</i>	\$2,000 00	\$1,575 30	\$424 70	\$424 70
<i>Shop practice.....</i>	\$1,000 00		\$1,000 00	\$1,000 00
<i>Cabinets.....</i>	\$1,000 00		\$1,000 00	\$1,000 00
<i>Fire protection.....</i>	\$1,000 00		\$1,000 00	\$1,000 00
<i>Pavement and walks.....</i>	\$2,000 00		\$2,000 00	\$2,000 00
<i>Vaccine Laboratory.....</i>	\$600 00		\$600 00	\$600 00
<i>Engineering equipment—</i>				
Architecture.....	\$375 00		\$375 00	\$375 00
Civil engineering.....	300 00	\$66 92	233 08	233 08
Mechanical engineering department.....	1,500 00		1,500 00	1,500 00
Physics laboratory.....	750 00	373 26	376 74	376 74
Electrical engineering department.....	1,500 00	535 65	964 35	964 35
Theoretical and applied mechanics and municipal and sanitary engineering.....	500 00		500 00	500 00
College.....	75 00		75 00	75 00
	\$5,000 00	\$975 83	\$4,024 17	\$4,024 17
<i>Buildings and grounds, etc.....</i>	\$2,500 00	\$3,647 99		
<i>Water survey.....</i>	\$1,500 00		\$1,500 00	\$1,500 00
<i>Draining, fencing, barns, etc.....</i>	\$1,000 00	\$241 89	\$758 11	\$758 11
<i>Agricultural building.....</i>	\$25,000 00	\$3,271 35	\$21,728 65	\$21,728 65
<i>Water plant.....</i>	\$5,000 00		\$5,000 00	\$5,000 00
<i>Furnishing, electrical building—</i>				
Electrical engineering department.....	\$500 00		\$500 00	\$500 00
Mechanical engineering department.....	500 00		500 00	500 00
	\$1,000 00		\$1,000 00	\$1,000 00
<i>Electric fixtures and wiring.....</i>	\$1,500 00		\$1,500 00	\$1,500 00
<i>Endowment fund interest—</i>				
Agricultural College.....	\$5,869 95	\$2,549 45	\$3,320 50	\$3,320 50
General.....	5,869 95		5,869 95	5,869 95
	\$11,739 90	\$2,549 45	\$9,190 45	\$9,190 45

## PAPER C—UNITED STATES FUND.

1899-1900.	Received.	Expended.	Balance.	Assigned.
General .....	\$12,500 00	\$4,252 45	\$8,247 55	\$8,247 55
Agricultural College.....	12,500 00	1,632 19	10,867 81	10,867 81
	\$25,000 00	\$5,884 64	\$19,115 36	\$19,115 36

## PAPER D—LABORATORY OF NATURAL HISTORY.

1895-1897.	Received.	Expended.	Balance.	Assigned.
General balance, July 1, 1896 .....	\$253 68	\$94 70	\$158 98	\$158 98
Closed out .....	8,400 00	8,400 00		
Diseases of insects .....	1,500 00	1,499 30	70	70
	\$10,153 68	\$9,994 00	\$159 68	\$159 68

1897-1899.	Received.	Expended.	Balance.	Assigned.
Salaries and assistants .....	\$8,000 00	\$8,000 00		
Field, office and incidentals.....	3,000 00	2,969 39	\$30 61	\$30 61
Library .....	3,000 00	2,948 35	51 65	51 65
Bulletins .....	1,500 00	1,168 29	331 71	331 71
Report of Entomologist .....	500 00	450 44	49 56	49 56
Biological Experiment Station.....	6,000 00	5,972 36	27 64	27 64
	\$22,000 00	\$21,508 83	\$491 17	\$491 17

## PAPER E—UNITED STATES AGRICULTURAL EXPERIMENT STATION.

1899-1900.	Appropriated.	Expended.	Balance.
<i>General Fund—</i>			
Salaries .....	\$1,793 70	\$1,793 70	
Labor .....	625 65	625 65	
Publications .....	321 94	321 94	
Postage and stationery .....	60 39	60 39	
Freight and express .....	30 82	90 82	
Chemical supplies.....	20 46	20 46	
Seeds, plants and sundries .....	94 97	94 97	
Feeding stuff .....	102 59	102 59	
Library .....	3 50	3 50	
Tools, implements and machinery .....	43 52	43 52	
Scientific apparatus.....	31 42	31 42	
Traveling expenses.....	33 54	33 54	
Contingent expense .....	23 49	23 49	
Buildings and repairs .....	10 33	10 33	
Unassigned .....	553 68		\$553 68
	\$3,750 00	\$3,196 32	\$553 68
<i>Farm Fund—</i>			
Labor.....	\$441 55	\$441 55	
Sundries .....	54 00	54 00	
	\$495 55	\$495 55	

## PAPER F—SCHOOL OF PHARMACY.

1899-1900.	Appropriated.	Expended.	Balance.
Salaries for services .....	\$375 00	\$375 00	.....
Buildings and grounds .....	28 44	28 44	.....
Fuel and lights .....	302 14	302 14	.....
Stationery and printing .....	38 75	38 75	.....
Laboratories .....	233 55	233 55	.....
Incidentals .....	21 49	21 49	.....
Advertising .....	305 50	305 50	.....
Furniture and fixtures .....	12 26	12 26	.....
Unassigned .....	82 87	.....	\$82 87
	\$1,400 00	\$1,317 13	\$82 87

## PAPER G—SCHOOL OF MEDICINE.

1899-1900.	Appropriated.	Expended.	Balance.
Salaries for instruction .....	\$815 00	\$815 00	.....
Salaries for services .....	1,798 68	1,798 68	.....
Buildings and grounds .....	1,434 10	1,434 10	.....
Fuel and lights .....	138 30	138 30	.....
Stationery and printing .....	46 70	46 70	.....
Laboratories .....	1,886 32	1,886 32	.....
Apparatus and materials .....	670 14	670 14	.....
Incidentals .....	188 81	188 81	.....
Advertising .....	1,533 12	1,533 12	.....
Furniture and fixtures .....	14 18	14 18	.....
Unassigned .....	16 17	.....	\$16 17
	\$8,541 52	\$8,525 35	\$16 17

*Paper H* is an estimate of receipts and expenses for the nine months ending June 30, 1900.

*Paper I* is a list of appropriations the Board is requested to make at this time.

*Paper L* is a report of receipts for the three months ending September 30, 1899.

## PAPER L—RECEIPTS OF BUSINESS MANAGER FOR THE THREE MONTHS ENDING SEPTEMBER 30, 1899.

Summer School fees .....	\$1,238 00	
University fees .....	3,067 50	
Preparatory School fees .....	603 00	
School of Pharmacy .....	185 00	
School of Medicine .....	1,556 70	
South farm rent .....	500 00	
Minnesota lands (rent) .....	83 75	
Land contracts, principal .....	5,739 15	
Land contracts, interest .....	97 00	
Agricultural Experiment Station .....	414 37	
Agricultural College .....	411 95	
Repair shop .....	59 53	
Greenhouse .....	53 10	
Mechanical department .....	195 17	
Civil engineering .....	139 00	
Astronomy .....	165 00	
Chemical laboratory .....	1,585 88	
Physics laboratory .....	272 00	
Botanical laboratory .....	88 16	
Physiological laboratory .....	7 25	
Electrical laboratory .....	124 00	
General engineering drawing .....	285 56	
Geology and mineralogy .....	226 39	
Library school .....	444 86	
Physiology .....	127 76	
Zoölogy .....	121 17	
Preparatory laboratory .....	92 51	
Locker fees .....	36 25	
Blue print room .....	133 80	
Old boilers .....	460 00	
Incidentals .....	18 00	\$18,531 81



*Paper M* is a list of general University vouchers, presented for audit, being 1 to 675 inclusive.

*Paper O* is a list of the Agricultural Experiment Station vouchers, presented for audit, being 1 to 75 inclusive.

*Paper P* is a list of the School of Pharmacy vouchers, presented for audit, being 1 to 15 inclusive.

*Paper Q* is a list of the School of Medicine vouchers, presented for audit, being 1 to 139 inclusive.

*Paper R* is an inventory of the apparatus, books, furniture, etc., belonging to the University.

*Paper S* is a report on the University land contracts from September 30, 1898, to September 30, 1899.

# PAPER R—INVENTORY, JULY 1, 1899.

## *Books, Apparatus, Equipment, Specimens, Supplies, Etc.*

DEPARTMENT.	PERMANENT	PERMANENT	VARIABLE.	Total.
	Museum and illustrative material.	Apparatus and equipment.	Commercial material, etc.	
Accredited schools.....	\$55 00			\$55 00
Architecture.....	3,771 08	\$1,358 15		5,129 23
Art and design.....	1,662 75	430 45		2,093 20
Art gallery.....	2,839 37			2,839 37
Astronomy.....	8,690 25	25 00		8,715 25
Agriculture.....	5,421 60		\$124 59	5,546 10
Agricultural Experiment Station.....	1,726 25		289 50	1,965 75
Applied chemistry.....	738 55		26 45	765 00
Botanical department.....	2,272 49	3,861 00	60 00	6,193 49
Biological Experiment Station.....	3,400 00		40 00	3,440 00
Blue print room.....	63 00		99 95	162 95
Chemical.....	11,224 90	376 00	7,509 39	19,110 29
Civil engineering.....	8,691 86	1,008 20		9,700 06
College of Engineering.....	1,724 94			1,724 94
College of Literature and Arts.....	11 00			11 00
Electrical engineering.....	8,664 42	220 70	387 71	9,272 83
English.....	19 00			19 00
Geology.....	1,248 62	17,862 00	1,030 00	20,140 63
German.....	14 00			14 00
Greek.....	433 72			433 72
History.....	29 50			29 50
Laboratory Natural History.....	27,483 87		50 00	27,533 87
Laboratory applied mechanics.....	6,573 75	85 15		6,658 90
Latin.....	100 00			100 00
Library.....	63,310 45			63,310 45
Library School.....		100 00	20 00	120 00
Mathematics.....	332 33			332 33
Mathematical engineering.....	18,789 69	887 00	1,121 27	20,797 96
Military.....	6,130 86			6,130 86
Museum.....	10,000 00			10,000 00
Physiology.....	2,279 39	155 50	100 00	2,534 89
Physics laboratory.....	12,694 09	133 20		12,827 29
Physical training.....	2,140 85			2,140 85
Preparatory School.....	382 66	80 53	30 00	393 19
Psychology.....	1,125 27	10 00	44 90	1,180 17
Public law and administration.....	46 75			46 75
Romanic languages.....	22 00			22 00
School of Music.....	2,288 29			2,288 29
School of Pharmacy.....	2,287 00	5,065 57	681 56	8,034 13
Steam department.....	45,576 00		470 00	46,046 00
Veterinary science.....	1,120 75	25 00	10 00	1,155 75
Zoölogy.....	3,901 42	2,028 00	132 25	6,061 67
	\$269,287 73	\$33,709 45	\$12,177 48	\$315,174 66

*Inventory—Concluded.*  
*Furniture and Fixtures.*

DEPARTMENT.	PERMANENT	PERMANENT	VARIABLE.	Total.
	Museum and illustrative material.	Apparatus and equipment.	Commercial material, etc.	
Agricultural Experiment Station.....				\$620 25
Astronomical Observatory .....				239 40
Chemical Laboratory .....				1,029 50
Engineering Hall—				
Architecture .....			\$2,993 40	
Civil engineering .....			1,746 03	
College in general .....			868 72	
Municipal and sanitary engineering..			1,048 43	
Mechanical engineering .....			2,611 58	
Physics laboratory .....			1,008 55	
Electrical engineering .....			2,062 25	12,338 96
Fire protection .....				373 00
Military Hall.....				402 00
Natural History Hall .....				6,109 50
University hall .....				13,587 50
Gymnasiums .....				1,891 80
School of pharmacy .....				5,073 33
Library building .....				5,972 65
				\$47,637 89

*Summary.*

Books, apparatus, equipment, etc.....	\$315,174 66		
Furniture and fixtures.....	47,637 89		
Grand total.....	\$362,812 55		

PAPER S—REPORT OF UNIVERSITY LAND CONTRACTS FROM SEPT. 30, 1898, TO SEPT. 30, 1899.

Contracts have been issued during this time as follows—

No.	Name.	Description.
124	John R. Soderberg.....	N. E. $\frac{1}{4}$ 28-117-35.....
125	W. Salander.....	N. $\frac{1}{2}$ of N. W. $\frac{1}{2}$ 30-117-34.....
126	Clemens Huebsch .....	E. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ 32-117-33.....
127	Albert Jakes .....	S. E. $\frac{1}{4}$ 6-116-34.....
128	Grietje Dykema.....	N. E. $\frac{1}{4}$ 6-117-35.....
129	Ole H. Petterson .....	S. E. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ 8-116-35.....
130	Hermann Becker .....	S. W. $\frac{1}{4}$ 28-117-35.....
131	Wm. O'Conner .....	N. E. $\frac{1}{4}$ 6-116-35.....
132	T. O'Conner .....	N. W. $\frac{1}{4}$ 6-116-35.....
133	E. J. Hedlof .....	N. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ 30-117-34.....
134	C. Steinkopf .....	W. $\frac{1}{2}$ of N. W. $\frac{1}{2}$ 2-116-32.....
134	O. S. Rasmuson .....	W. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ 4-117-35.....
136	Gust. H. Bonander.....	S. E. $\frac{1}{4}$ 8-116-35.....
137	Joseph Wallenta.....	S. W. $\frac{1}{4}$ 28-117-32.....
138	Nic Manderfeld .....	S. E. $\frac{1}{4}$ 4-116-34.....
139	John Manderfeld.....	N. W. $\frac{1}{4}$ 4-116-34.....
140	Gotlep Arndt.....	N. W. $\frac{1}{4}$ 10-116-34.....
141	W. A. Lindquist.....	S. $\frac{1}{2}$ of N. W. $\frac{1}{2}$ 30-117-34.....
142	C. H. Steube .....	N. E. $\frac{1}{4}$ 10-116-34.....
143	G. J. Jallings .....	N. E. $\frac{1}{4}$ 34-117-33.....
144	H. R. Jallings .....	N. W. $\frac{1}{4}$ 34-117-33.....
145	Theo. Klipstein .....	N. W. $\frac{1}{4}$ 6-116-32.....
146	Mathias Monsen .....	S. W. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ 4-123-36.....
147	The Spicer Land Co.....	N. E. $\frac{1}{4}$ 30-117-35.....
148	Ed. Dennstedt.....	N. $\frac{1}{2}$ and S. W. $\frac{1}{4}$ of N. W. $\frac{1}{4}$ 8-116-34.....

Contracts No. 23, 40, 54, 58, 65, 140, and 145 were paid in full and deeds were given.

Contracts No. 84, 85, 97, 98, 103, 112, 113, and 114, have been declared void, as no payments have been received on them since 1896.

It is thought that the rest of the contracts will stand.

A statement of the payments on the contracts is given herewith. The amount received on account of the principal has been paid to the State Treasurer and the amount of interest received has been turned over to the university treasurer.

COLLECTIONS ON UNIVERSITY LAND CONTRACTS FROM SEPT. 30, 1898, TO SEPT. 30, 1899.

1898.		Contract No.	Interest.	Principal.
December	6 J. Majxner.....	119	\$26 28	\$50 00
"	15 Joseph Dezort.....	40	72 03	300 00
"	17 Frank Cuta.....	65	23 00	300 00
"	19 Wm. Buetha.....	80	33 60	120 00
"	24 B. F. Leiby.....	54	97 68	1,222 32
"	26 E. W. Harmes.....	62	130 00	.....
"	30 Iver Aspaas.....	123	36 17	.....
"	30 Joseph Hollan.....	116	126 00	.....
"	30 Frank Topka.....	81	31 50	150 00
"	31 Joseph Cuta.....	117	71 40	145 00
"	31 James Spevacek.....	118	70 00	.....
"	31 C. H. Rickerman.....	120	94 26	133 00
"	31 C. H. Rickerman.....	121	96 39	136 00
1899.				
January	2 Olaf Mattson.....	73	70 00	.....
"	2 Erick Lindquist.....	64	28 00	200 00
"	6 Roise & Qvale.....	72	33 60	120 00
"	9 James Lowe.....	23	114 21	172 24
"	12 James Lowe.....	23	1 04	827 76
"	16 John Houlton.....	58	115 30	884 70
"	25 S. J. Halquist.....	75	52 50	.....
"	25 S. J. Halquist.....	76	52 50	.....
"	26 J. P. Soderberg.....	124	21 00	360 00
"	28 John Houlton.....	58	2 80	514 90
February	1 Clemens Huebsch.....	126	8 60	180 00
"	11 John Houlton.....	58	30	.....
"	25 M. R. Waters.....	99	47 55	300 00
"	27 W. Salander.....	125	4 40	169 05
March	1 Joseph Dezort.....	40	18 17	900 00
"	14 James Lowe.....	23	1 18	.....
"	17 Albert Jakes.....	127	.....	600 00
"	17 Grietje Dykeman.....	128	.....	582 00
"	21 W. O'Conner.....	131	.....	500 00
"	21 T. O'Conner.....	132	.....	600 00
"	25 O. H. Patterson.....	129	.....	150 00
April	2 Wm. Salander.....	125	2 00	.....
"	3 Herman Becker.....	130	.....	600 00
"	20 E. W. Harms.....	62	67 73	832 27
"	26 S. J. Halquist.....	75	5 25	300 00
"	28 S. J. Halquist.....	76	5 25	300 00
May	5 C. Steinkopf.....	134	.....	320 55
"	13 S. J. Halquist.....	75	1 75	.....
"	13 S. J. Halquist.....	76	1 75	.....
"	29 E. J. Hedlof.....	133	.....	293 25
June	19 O. S. Rasmuson.....	135	.....	297 60
July	26 Gust. H. Bonander.....	136	.....	600 00
"	26 John Manderfeld.....	139	.....	498 00
"	27 Nic Manderfeld.....	138	.....	600 00
"	31 Joseph Wallenta.....	137	.....	600 00
September	2 Chas. H. Stuebe.....	142	.....	600 00
"	4 W. A. Lindquist.....	141	.....	591 15
"	12 Gotlep Arndt.....	140	25 00	600 00
"	12 Geo. J. Jallings.....	143	.....	690 00
"	12 Henry R. Jallings.....	144	.....	600 00
"	26 Ed Dennstedt.....	148	.....	450 00
	Total.....		\$1,583 16	\$18,399 79

Respectfully submitted,

S. W. SHATTUCK, *Business Manager.*

The following appropriations were made as recommended by the Business Manager in his *Paper I*:

APPROPRIATIONS FOR THE THREE MONTHS ENDING MARCH 31, 1900.

Board expenses .....	\$800 00	
Salaries for instruction.....	36,000 00	
Salaries for services.....	6,000 00	
Buildings and grounds.....	1,000 00	
Fuel, lights, and electric power.....	4,000 00	
Stationery, printing, etc.....	500 00	
Advertising and postage.....	500 00	
Repair shop .....	800 00	
Agricultural college.....	3,600 00	
Departments .....	500 00	
Laboratories.....	1,000 00	
Library and apparatus .....	50 00	
Incidentals .....	800 00	
Furniture and fixtures.....	500 00	
Heating apparatus.....	1,000 00	
Water supply.....	250 00	
Library supplies.....	100 00	
Blue print room.....	200 00	
Library School.....	100 00	
School of Pharmacy .....	\$4,000 00	\$57,700 00
School of Medicine .....	16,000 00	
Agricultural Experiment Station.....	4,500 00	
		24,500 00
Total.....		\$82,200 00

The Finance Committee made the following report, which was approved:

URBANA, ILL., Sept. 23, 1899.

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

Your Finance Committee begs leave to report that it has examined the vouchers submitted by the Business Manager on which warrants have been issued as follows:

General University, Nos. 1351 to 2925, inclusive.....	\$114,090 27
Agricultural Experiment Station, Nos. 229 to 500, inclusive .....	9,179 25
State Laboratory of Natural History, Nos. 176 to 408, inclusive.....	5,994 28
School of Pharmacy, Nos. 76 to 150, inclusive .....	4,927 94
School of Medicine, Nos. 251 to 625, inclusive.....	22,338 70
Total for six months ending June 30, 1899.....	\$156,530 44

We have found that the above vouchers are duly receipted and in proper form, except general University warrant No. 2860 for \$30.00, not issued, Agricultural Experiment Station No. 474, and School of Medicine vouchers Nos. 414, 543, 544, 564, 595 and 622, for which receipts have not been furnished.

Respectfully submitted,

F. M. McKAY,  
THOMAS J. SMITH,  
*Finance Committee.*

The Executive Committee made the following report:

CHICAGO, October 30, 1899.

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

GENTLEMEN:—Your Executive Committee met at the Sherman House, in Chicago, at 4 o'clock p. m., Monday, October 30, 1899.

There were present Messrs. McKay, McLean and Mrs. Flower. President Draper was also present.

Mr. Stratton D. Brooks, upon recommendation of President Draper, was appointed Assistant Professor of Pedagogy and High School Visitor, his term of service to begin December 1, 1899, and his salary to be \$1,600 a year.

Respectfully submitted,

ALEX. McLEAN, *Chairman.*

The action of the committee was confirmed.

Mr. Bullard offered the following resolution, which was adopted:

WHEREAS, The Board through its Committee on Buildings and Grounds did invite proposals for coal for the University for the year beginning with September, 1899; and

WHEREAS, On the 16th day of August last bids were opened and the contract for furnishing fuel for the year was awarded to the Odin Coal Company on their proposal of \$1.00 per ton for pea coal delivered f. o. b. cars in Champaign or Urbana—the lowest bid which was received—and

WHEREAS, The said Odin Coal Company has failed repeatedly to furnish coal of the quantity and quality as stipulated; and

WHEREAS, There is no forfeiture or penalty attached for failure to furnish coal by the said Odin Coal Company; therefore, be it

*Resolved*, That the Committee on Buildings and Grounds is hereby instructed to make an additional contract for furnishing coal to the University for said year in such quantity and at such rates as it best can for the interests of the University, so that the University may not be compelled at any time to go into the market and buy coal at local market prices.

Mr. Bullard read a proposition from the Sangamon Coal Company offering to furnish the University pea coal, two or three cars a week until April 1st, at \$1.20 per ton, f. o. b. cars Urbana or Champaign, and on his motion the proposition was accepted.

The Secretary was instructed to notify the company of the acceptance of its proposition.

#### AGRICULTURAL BUILDING.

DECEMBER 13, 1899.

*To the Board of Trustees:*

Your Committee on Buildings and Grounds has to report that the work on the new agricultural buildings is going on in a satisfactory manner with one exception, that the work is not progressing as speedily as it should. The fall season has been an excellent one for building, but much of it has been lost to the contractor because of his inability to obtain materials with which to do his work. The contractor, Mr. Jobst, assures us that from this on no more delay will be experienced from that cause and he is sure that he will be able to forward the work as fast as the weather will permit.

We attach to this the report of Mr. Llewellyn, the architect, and desire that it be printed as a part of our report.

Respectfully submitted,

S. A. BULLARD,  
T. J. SMITH,  
LUCY L. FLOWER,  
A. F. NIGHTINGALE,  
MARY T. CARRIEL,

*Committee on Buildings and Grounds.*

CHICAGO, ILL., December 11, 1899.

*Mr. S. A. Bullard, Chairman Buildings and Grounds Committee.*

DEAR SIR:—Below I hand you in form of a report, a statement of the progress of the work on the agricultural buildings, and also a statement of the amount expended under the contract up to the first of December, 1899.

In a general way I may state that the underground work of the group is practically completed. The foundations are all in and up to the grade, and the setting of water table and ashler is now in progress.

Every effort was made on the part of the architect to complete the full size detail drawings for the buildings, and avoid any chance of delay on this account.

The details for the terra cotta were delivered to the contractor by September 28th; the cut stone by September 19th; and the mill work details for outside work by September 28th; and inside work and for sheet metal work November 15th.

The modeling for the terra cotta work was well advanced and considerable work pressed when I visited the works at St. Louis October 19th.

The timber for first floor is on the ground, and the balance will undoubtedly arrive just as fast as wanted. Frames for the building are already delivered.

The tunnel is completed and nearly covered in.

The farm tile system of drains, the system for the storm water are about completed, and the sewers will be completed within a very few days.

I may say also, that the present intention is to carry walls of building "A," the front or main building, to the top of the course and cover them in for winter, and employ all time that is fit for work in carrying forward the smaller buildings of the group.

The following will give by dates the progress of the work after September 26th, since which time a superintendent has been on the work constantly:

Concrete footings begun.....	Sept. 26....
First brick was laid.....	Oct. 4....
Concrete footings "A," "B," "C" and "D" completed (except footings for columns) .....	Oct. 25....
First cut stone set .....	Nov. 16....
Brick walls "A," "B," "C" and "D" completed to grade (except one or two interior walls in "B") .....	Nov. 9....
<i>Tunnel—</i>	
Excavating began .....	Oct. 23....
Cement floor begun .....	Nov. 15....
Brick work begun .....	Nov. 20....
Brick work completed .....	Nov. 30....

The amount of money expended to date is as follows, based on the quantities of the completed work and of material on ground:

<i>Completed Work, Buildings—</i>			
Brick laid in wall.....	432,600 at \$11.00		\$4,758 60
Cement plastering on walls .....	8,650 sq. ft. at .02		173 00
Stone ashler set .....	194 sq. ft. at .45		77 60
Stone sills set .....	18½ cu. ft. at 1 10		20 07
Concrete footings.....	7,850 cu. ft. at 20		1,570 00
<i>In Tunnel—</i>			
Excavation.....	3,350 sq. yd. at 20		670 00
Brick laid in wall.....	149,230 at 11 00		1,641 53
Cement floor.....	607 lin. ft. at 80		485 60
Cement plaster.....	10,620 sq. ft. at .02		212 40
Excavation.....	1,350 cu. yd. at 30		405 00
Manhole and wrought iron pipes.....			108 00
			<b>\$10,121 80</b>

## MATERIAL ON GROUND.

Brick.....	550,000 at	\$6 25	\$3,437 00
Stone die course and sills.....	155 <sup>1</sup> / <sub>4</sub> cu. feet at	1 10	160 77
Framing lumber.....	28,000 ft. at	19 00	532 00
Sheeting.....	30,000 ft. at	20 00	600 00
Cast iron.....	28,000 lb. at	02 <sup>1</sup> / <sub>4</sub>	517 50
Steel.....	15,000 lb. at	03 <sup>1</sup> / <sub>2</sub>	539 00
Mill work, frames.....	225 at	3 00	675 00
			<hr/> \$6,461 29

On this, 85 per cent. or \$14,095.61, has been paid to Messrs. Jobst & Sons, of which \$8,603.53 is for completed work, and \$5,492.08 is for material on ground.

## FOR DRAINAGE SYSTEM TO BAUMGARTEN BROS.

Completed work.....	\$402 80
Material on ground.....	158 70
<hr/>	
\$561 50	
<hr/>	
On this has been paid 85 per cent. on completed work.....	\$342 38
Account material on ground.....	134 89
<hr/>	
\$477 27	

## TOTAL EXPENDITURES TO DATE.

To V. Jobst & Sons.....	\$14,095 61
To Baumgarten Bros.....	477 27
<hr/>	
\$14,572 88	

Respectfully submitted,

J. C. LLEWELLYN, *Architect.*

The Committee on Instruction, which was directed to inquire into the desirability of offering free tuition, asked for further time and the request was granted.

The Committee on Agriculture submitted the following report which was adopted and appropriations were made as therein recommended.

DECEMBER 19, 1899.

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

Your Committee on Agriculture respectfully recommends that the sum of \$100 be appropriated for repairs and lumber at the barns and that \$60.00 more be allowed to complete the fence on the north farm.

Your Committee also recommends the appropriation of \$18.75 for rebuilding the cistern.

The foregoing sums are to be paid from the State appropriation for repairs and maintenance of barns.

Your Committee also recommends that the tenant on the south farm be furnished 1,000 feet of fencing for repairs and that \$17.00 be appropriated to pay for the fencing.

Respectfully submitted,

W. H. FULKERSON,  
MARY T. CARRIEL,  
F. L. HATCH,  
ALICE A. ABBOTT.

*Committee on Agriculture.*

A committee from the College of Physicians and Surgeons consisting of Drs. Quine, Steele, King, and Christopher, was received.

President Draper read a report from the joint special committee on the relation of the University to the College of Physicians and Surgeons.

After discussion Mr. Bullard moved to receive the report and to make it a special order for an adjourned session of the Board to be held at the Sherman House, at 9 o'clock a. m., Wednesday, January 10, 1900.

The Board then took a recess until 1:30 p. m.

#### AFTERNOON SESSION, DECEMBER 19, 1899.

When the Board met after the recess the same members were present as in the morning with the exception of Mrs. Flower.

President Draper's bill of expenses for six months amounting to \$197.21 was presented and, upon the approval of the Finance Committee, it was ordered paid.

Mr. Llewellyn, architect of the new agricultural buildings, was then heard with regard to some proposed changes in B building.

Mr. Llewellyn's statement with regard to these and other probable changes was as follows:

It is proposed to devote the entire building to the Dairy Department, the curing rooms, etc., being removed to the second floor of the creamery room, and the first floor enlarged about one-half, thus providing space for about five separators with corresponding machinery.

The construction of the building remains the same, but some change is to be made in platforms, which are to be of cement instead of wood.

The walls of the creamery and cheese rooms, and also of the bottling room, are to be faced with enameled brick.

The chief changes consist in rearranging the walls. An engine room is provided for on the main floor instead of placing the engine in the boiler room as on original plan.

Mr. Jobst's estimate of changes is \$476.74.

In addition to his estimate there will be an extra charge of \$160.00 or more (according to fixtures put in) in plumbing, etc.

It was voted not to make the proposed changes.

The Committee on Buildings and Grounds and the architect of the new buildings were instructed to submit their plans for the heating



apparatus and the electrical apparatus in these buildings severally to the heads of the departments of mechanical and electrical engineering in the University, and to obtain their approval of the same.

The discussion upon the report concerning the School of Medicine of the University was then resumed.

Mr. Smith moved as a substitute for the pending motion that the University enter into a lease with the College of Physicians and Surgeons in accordance with the Committee's report, there being inserted an option of purchase at the end of twenty-five years.

This motion was lost on the following vote: Yeas—Messrs. Smith, Hatch and Nightingale. Nays—Messrs. Bullard, Fulkerson, McLean and Mrs. Carriel and Mrs. Abbott. Absent—Governor Tanner, Messrs. Bayliss and McKay, and Mrs. Flower.

Mrs. Carriel offered the following resolution, which was adopted:

*Resolved*, That to insure more intelligent action on the part of the Trustees, typewritten copies of such reports of the Deans of the several colleges as are made shall be sent from the office of the President of the University to each member of the Board five days before the quarterly meetings.

These reports shall be confined strictly to the internal affairs of the several colleges, and to their immediate needs in respect to the facilities for instruction. At the meetings of the Board the President shall present his approval or otherwise of any suggestion in these reports, which shall be considered the first official recognition of their existence.

These typewritten copies shall be prepared in the offices of the Deans and sent to the President with the original reports.

The Committee on Agriculture presented inscriptions for the agricultural building and recommendations as to tablets.

After some discussion and changes in some cases it was ordered that there should be two inscriptions upon the cornice of the west front:

"Industrial education prepares the way for a millenium of labor."—Turner.

"The wealth of Illinois is in her soil and her strength lies in its intelligent development."—Draper.

That there should be chiseled upon the corner stone the name of the architect, with the date of the erection of the building.

That there be set in the wall two tablets, one on either side of the main entrance, the inscription upon one of the tablets to be:

This tablet is erected to the memory of

JONATHAN BALDWIN TURNER

To his persistent efforts as a courageous advocate of scientific education the nation owes the legislation which laid the foundation of this University and of all other land grant colleges.

Upon the other tablet to be placed the names of the Board of Trustees and the name of the President of the University.

Mr. Bullard reported with regard to the matter of boiler insurance and inspection, which had been referred to Professor Breckenridge and him, that insurance had been effected for three years upon the payment of a premium of \$50.00 each year.

The action of the Committee was approved and an appropriation was made to pay the premium due.

Three hundred dollars was appropriated for the purchase of a steam water-feed pump to be used in the heating plant.

President Draper presented a request from the military band for an appropriation of \$43.00 to liquidate a debt incurred by the band at its last concert. Consideration of the request was postponed.

The Board then adjourned to meet at the Sherman House, in Chicago, at 9 o'clock a. m., Wednesday, Jan. 10, 1900.

#### SESSION OF WEDNESDAY, JAN. 10, 1900.

The Board met pursuant to adjournment at the Sherman House, in Chicago, Illinois, at 9 o'clock a. m., Wednesday, Jan. 10, 1900.

The members present were Messrs. Bayliss, Bullard, Fulkerson, Hatch, McKay, Nightingale, and Smith, and Mrs. Flower, Mrs. Carriel, and Mrs. Abbott; those absent were Governor Tanner, and Mr. McLean. President Draper was present.

In the absence of the President of the Board Mr. Bullard was made President, *pro tem*.

Attention having been called to the matter by President Draper, it was ordered that the expenditure of \$750.00 appropriated to the Agricultural Experiment Station by the General Assembly of 1899, (paragraph 47 of the Act of April 19, 1899, making an appropriation for the expenses of the State government) should be under the direction of the Business Manager of the University, and that receipted bills for such expenses, when audited and approved by him, should be forwarded to the State Auditor in order that warrants on the State Treasurer might be drawn for the payment of the same; and that the Business Manager should keep all necessary accounts concerning this appropriation.

President Draper presented from Professor Davenport, Dean of the College of Agriculture, a request for some modifications of the plans of the dairy building.

#### CHANGES IN THE DAIRY BUILDING.

1. Outside door receiving platform too narrow to admit weighing can. Change places with the door into store room.

2. No opening into creamery room large enough to admit some of its machinery. Widen by leaving out west wall of bottling room, building the sterilizer beside the one in wash room, and put in two five-foot double doors, one into creamery, and the other into cheese room.

3. Communication with boiler room is had by first going four feet up stairs then down. Make direct entrance through store room, if necessary.

4. All drainage both in creamery and cheese rooms, is to one spot and without gutters. This will make sloppy rooms. Move bell trap about 6 feet from present position to a spot in center of room north and south and 8 feet from west wall, and make gutters leading north, south, and east to within three feet of wall of room. In creamery make one gutter in cement floor, 9 feet from west wall extending to within 3 feet of sides of room and leading to bell trap at middle, to accommodate the churns. Also gutter in cement floor parallel to last, but 18 feet to the east with bell trap to ac-

commodate the separators. Pitch all floor to gutters. This is an addition of one bell trap.

5. The usefulness of the creamery room is largely dependent on its width. On the plan this is reduced at the separator end fully 11 feet by the L on the platform and by the counter. Leave out counter and cut off L from platform.

6. Nothing specified as to construction of platforms. Common wooden ones are entirely unsuitable on the score of preserving cleanliness and freedom from odors. Arrange in some way for cement platforms. Even the best dairy barns have cement floors. This would reduce the amount of cement floor and of glazed brick required at the ends.

7. Present lift too small to handle the machinery. Make it 4½x5 feet and put it at opposite side of bottling room.

8. Change stairs from end of cheese room to the present location of lift in bottling room, and leave out small door from bottling room to cheese room, and the cheese room portion of platform.

9. Leave out the two north 8-inch brick walls, reducing the curing rooms to one, throwing space into constructor's and power room. Leave out the two present cheese curing room doors and glaze the wall above 3½ feet. Make north door into this room double and five feet wide, setting close to corner of room. It needs all this room to accommodate the necessary machinery, and it is better to do with one curing room than to lose this space.

The recommendations were referred to the Committee on Buildings and Grounds with power to act.

President Draper reported that the Faculty of the University had voted that blank books should be furnished for the use of students at all University examinations, and asked for an appropriation of \$100.00 for this purpose.

The appropriation was made as requested.

#### UNIVERSITY AND MEDICAL SCHOOL.

The consideration of the report of the special committee appointed to formulate a plan for a union between the Medical School and the University was resumed. After a long discussion, during which each member of the Board was called upon for an expression of his opinion, it was voted to recommit the report, together with a revision of certain sections thereof, proposed by Mr. Bullard, and to enlarge the committee by the addition of Mr. Bullard and one other member to be appointed by the chair. The chair appointed Mrs. Carriel.

Mrs. Abbott moved to ask the committee of the College of Physicians and Surgeons to meet with the Board at 1:30 o'clock. The motion was lost.

Mr. McKay moved that a student who had been recently a subject of discipline at the University should be heard in his own behalf by the Board. The motion was lost.

The Finance Committee made the following report:

URBANA, ILL., Dec. 30, 1899.

*To the Board of Trustees, University of Illinois.*

GENTLEMEN:—Your Finance Committee begs leave to report that it has examined vouchers submitted by the Business Manager on which warrants have been issued on the Treasurer for the quarter ending Sept. 30, 1899, as follows:

General University, Nos. 1 to 674, inclusive.....	\$68,234 73
Agricultural Experiment Station, Nos. 1 to 75, inclusive.....	3,691 87
School of Pharmacy, Nos. 1 to 15, inclusive.....	1,317 13
School of Medicine, Nos. 1 to 139, inclusive.....	8,525 35
	<hr/> \$81,769 08

We have found the above vouchers duly receipted and in proper form.

Respectfully submitted,

F. M. MCKAY,  
THOMAS J. SMITH,  
A. F. NIGHTINGALE,  
*Finance Committee.*

Mr. Nightingale offered the following resolution:

*Resolved*, That it is advisable to make a contract with the College of Physicians and Surgeons substantially on the basis of the Committee report, revised as suggested by Mr. Bullard.

This motion prevailed by the following vote: Ayes—Messrs. Bayliss, Bullard, Hatch, Nightingale, and Smith, and Mrs. Flower, Mrs. Carriel, and Mrs. Abbott. No—Mr. Fulkerson. Absent, Governor Tanner and Messrs. McKay and McLean.

The Finance Committee reported that it had, pursuant to the order of the Board, formulated plans as follows, in accordance with which loans from the Snyder Fund would be made to University students:

#### LOANS FROM SNYDER FUND TO STUDENTS.

##### UNIVERSITY OF ILLINOIS, EDWARD SNYDER DEPARTMENT OF STUDENTS' AID.

The Business Manager shall make loans to the students from the fund of the Edward Snyder Department of Students' Aid upon and in accordance with the recommendations of the Council of Administration approved by the Finance Committee. The recommendations of the Council shall be subject to the terms of the deed of gift and to the regulations adopted by the Board of Trustees for this purpose.

Each application shall be upon a blank form provided for the purpose, properly filled out, and no recommendation for a loan shall be made without the favorable endorsement of the entire Council upon such blank.

The minimum loan shall be fifty (50) dollars and the maximum loan to a Junior student shall be one hundred fifty (150) dollars, to a Senior or Graduate student two hundred (200) dollars. For each loan a note of hand shall be taken, drawn for the full amount of loan and with interest at five per cent. per annum, payable as hereinafter specified. The maximum time-limit for which notes may be drawn shall be for Juniors three years, for Seniors two years from the thirtieth day of June next following. The amount of each loan shall be held as a deposit with the Business Manager in favor of the principal maker of the note, and shall be subject to withdrawal by him or her in sums not exceeding twenty-five (25) dollars a month, except at the close of the senior year, or if a graduate student at the end of the course.

Bank discount shall be charged up for the balance of time ensuing until the thirtieth day of June next following the date of note, and interest annually in advance.

#### TO WHOM LOANS MAY BE MADE.

Loans may be made to matriculated students only who have attained at least the rank of full juniors who have been in residence at this University at least one year, and who are at the time students in residence at this University and who have declared their intention to graduate.

In recommending loans preference shall be given to those students who are farthest along in their University work and who have shown themselves most assiduous and successful in their studies, and who have shown habitual economy in life.

No distinction shall be made among students on account of sex or as to course of study.

A loan shall not be recommended for any student who is believed to have been financially or morally delinquent in any respect.

Information given by applicants will be considered confidential on the part of the University authorities.

Applications for loans must be addressed to

The President of the University,  
Champaign, or Urbana, Illinois.

UNIVERSITY OF ILLINOIS.

EDWARD SNYDER DEPARTMENT OF STUDENTS' AID.

(Place).....(Date).....

*To the President and Council of Administration:*

I, (Full name).....of (home address)  
.....hereby make application for a  
loan of \$.....(.....dollars)  
from the Edward Snyder department of Students' Aid in accordance with  
rules for the administration of said fund, adopted by the Board of Trustees  
of the University, and which have been carefully read by me. I present for  
your consideration the following personal statement:

1. Name and birthplace.....
2. Age last birthday .....
3. Name and P. O. address of father, guardian, or business agent.
4. Occupation of father.
5. Name and location of graded or ungraded schools attended.
6. Name and location of high or preparatory schools attended, and date of graduation.
7. Attendance at any seminary, private, parochial or normal school; length of time.
8. Attendance at any college or university; length of time.
9. Attendance at any professional school; length of time.
10. Graduation from any normal school, any college or university, with date.
11. Graduation from any professional school, with date.
12. Scientific, literary, or professional degrees received, and name of institution conferring them.
13. Collegiate or other scholarships or fellowships that have been held.
14. Name and location of any church or other religious association in which membership is held.
15. Name of any religious society for young people in which membership is held.
16. Membership in any literary or scientific society.
17. Membership in any order, brotherhood, labor union, fraternity, or sorority.
18. Possession of any trade or special skill in any remunerative pursuit.
19. Mode in which vacations are occupied.
20. Experience in teaching in public schools or elsewhere. Salary last received.

- 21. What proportion of your University expenses have been paid from your own earnings?
- 22. Any person partially or wholly depending upon you for support?
- 23. Single or married?
- 24. If married, any children?
- 25. Occupation for each of last five years: 189; 189; 189; 189; 189.
- 26. What is the average of your monthly living expenses?
- 27. Do you use alcoholic beverages?
- 28. Course of study in this University.
- 29. Duration of attendance at this University.
- 30. Member of what class in University.
- 31. What security do you offer for payment of interest on this loan, and the re-payment of the principal?
- 32. Name reference as to character and honesty.
- 33. Is it your desire and purpose to graduate from this University?
- 34. What well-defined plans have you for business or professional work after graduation?

I hereby state and certify on my honor that each of the preceding questions had been carefully answered, and that each and every one of the facts contained in the preceding statement, which is made for the purpose of securing a loan, is true.

Signed.

(Full name).....

It was also resolved that the Finance Committee shall invest by loans on mortgage bonds, not to exceed \$8,000.00 of the Snyder loan funds, on such terms and on such security as shall be for the advantage of the fund and shall insure its safety.

The Board adjourned.

W. L. PILLSBURY,

*Secretary.*

ALEXANDER McLEAN,

*President.*

## MEETING OF FEBRUARY 9, 1900.

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The following call for a special meeting of the Board of Trustees of the University of Illinois was issued February 3, 1900:

Upon the call of the president, Mr. Alexander McLean, there will be a special meeting of the Board of Trustees of the University of Illinois at 9:00 o'clock, a. m., Friday, February 9, 1900, at the Sherman House, Chicago, Illinois, to consider the report of the committee on relations with the School of Medicine and to transact such other business as may be duly presented.

When the Board was called to order there were present Messrs. Bayliss, Bullard, McLean, Nightingale and Smith and Mrs. Flower and Mrs. Abbott. Mr. Hatch came in a little later. Those absent were Governor Tanner, Messrs. Fulkerson and McKay and Mrs. Carriel.

### THE UNIVERSITY AND THE SCHOOL OF MEDICINE.

The special committee appointed upon the relations of the University with the School of Medicine reported as follows:

#### *To the Board of Trustees:*

At the regular meeting of the Board in September last a resolution offered by Mrs. Flower was adopted appointing the President and Business Manager of the University and the chairman of the Committee on the School of Medicine a special committee to confer with representatives of the College of Physicians and Surgeons and "ascertain what terms can be arranged for the permanent union of the University with the College of Physicians and Surgeons upon the basis of the University ultimately acquiring the title to the property of said College."

After many conferences with a committee of the College of Physicians and Surgeons, extending through the fall months, the committee reported to the Board on December 19th, a tentative agreement designed to accomplish the object in view. Action upon this was deferred until January 10th. At that time the matter was thoroughly discussed and some important modifications were proposed by Mr. Bullard which commended themselves to the Board and it was thereupon voted, with but one dissenting member, that "it is advisable to make a contract with the College of Physicians and Surgeons substantially on the basis of the committee's report, revised and suggested by Mr. Bullard;" and Mr. Bullard and Mrs. Carriel were added to the committee.

Representatives of the committee, so enlarged, have held several conferences with representatives of the College of Physicians and Surgeons and have finally agreed upon the details of a contract which has been carefully put in form by counsel and is herewith submitted.

This contract, in all matters save one, is in exact accord with the vote of the Board, and in other regards is more favorable to the University than the Board required. The exception relates to the fixing of minimum and maximum amounts to be paid to the University annually from the net earnings of the School of Medicine. Upon discussion the committee concluded that the provision was not expedient and would not operate advantageously, and it was accordingly eliminated.

Briefly stated the contract provides: (1) That the value of the real and personal property, equipment, and good will of the College of Physicians and Surgeons is, for the purpose of this agreement, \$217,000: (2) That this entire property shall be leased to the University for the term of twenty-five years, or until the termination of the agreement, at \$12,000 per year and taxes and assessments: (3) That the net earnings shall in the meantime belong to the two institutions and that out of what has accrued under the lease now in force the University shall have and own \$8,000 and the College the remainder, and that under the new agreement the University shall have one-third and the stockholders of the College two-thirds of the net earnings: (4) That the College shall forthwith make a sufficient conveyance to the University *in escrow* of all its property and good will and shall make a sufficient conveyance of all properties which may hereafter be acquired: (5) That the share of the University in the net earnings shall be paid annually in cash and be set apart in a separate fund for the purchase of the property and kept invested: (6) That when this fund equals the purchase price of the property it shall be paid over and the conveyance delivered with the option to close the matter out by paying the existing difference in cash at the end of the twenty-five years if the agreement shall not have been already consummated: (7) That during the continuance of the lease the right of initiative as to the policy of, and appointments in, the College shall be with the faculty thereof, including the President of the University, but that ultimate authority shall be with the Board of Trustees; and any enlargement of expenditures shall be by concurrent action: (8) That the University will use the revenues of the College to upbuild the same and advance medical science without being confined to any particular branches of study or methods of instruction: (9) That the College shall not carry on any medical work except in connection with the University: (10) That the University shall not be bound to pay any moneys whatever in connection with the matter except out of the revenues of the College of Medicine.

Many minor details have claimed close attention and are covered by the formal agreement, but the foregoing is a statement of all points believed to be important.

In a word, the agreement does not bind the State in a financial way in any respect, and it is confidently expected to result in the acquisition of a valuable property and good will by the State, and in the promotion of the symmetrical organization and the enhancement of the general usefulness of the State University, through extending the influence of the State in an entirely legitimate and commendable way to the advancement of medical education; and there are substantial reasons for believing that this may be completed inside of twenty-five years.

The Committee recommends that the Board approve the subjoined agreement, and authorize the proper officers to execute the same in duplicate on behalf of the University.

February 9, 1900.

A. S. DRAPER,  
S. W. SHATTUCK,  
A. F. NIGHTINGALE,  
S. A. BULLARD,

*Committee.*



## AGREEMENT BETWEEN THE COLLEGE OF PHYSICIANS AND SURGEONS OF CHICAGO, AND THE UNIVERSITY OF ILLINOIS.

*Witnesseth:* That, Whereas, The College of Physicians and Surgeons of the City of Chicago, and the University of Illinois, did, upon the first day of April, 1897, enter into an agreement whereby the property and effects of the College of Physicians and Surgeons were leased to the University of Illinois for the period of four years from the twenty-first day of April, 1897, and whereby the said College became the School of Medicine of the said University; and,

*Whereas,* The arrangement set forth in said agreement has proved satisfactory to the parties and mutually advantageous to the institutions named and to the interest of medical education; and,

*Whereas,* The earnings of the School of Medicine under the arrangement have exceeded the expenses thereof, and it is deemed that each of the two institutions is equitably entitled to share in the surplus sum arising in the manner and for the purposes hereinafter set forth; and,

*Whereas,* The stockholders of the College of Physicians and Surgeons, being members of the medical profession practicing in the City of Chicago, invested their money in founding a medical college for the advancement of the interests of their profession, which money has never been repaid to them; and,

*Whereas,* The surplus earnings of the College of Physicians and Surgeons under the management of the University of Illinois for a term of twenty-five (25) years or thereabouts, now promise to assure the repayment of the money so put into a new and uncertain enterprise, together with a reasonable compensation for the use thereof, and at the same time to clear the property of said institution of liens, incumbrances and indebtedness; and,

*Whereas,* The stockholders of said College of Physicians and Surgeons recognize the equitable interest and claim of the University of Illinois in and to a part of the surplus earnings, and

*Whereas,* The College of Physicians and Surgeons desire after such reimbursement and the compensation herein provided for and in consideration thereof, to make over and transfer all of its property to the University of Illinois, upon the performance of the contingencies and conditions named herein, and also earnestly desire to secure the permanent stability and vigorous growth of the School of Medicine along the most scientific lines, to the end that it may in the largest measure realize the great and beneficent ends for which the College of Physicians and Surgeons was founded, and believe that any equities of the University of Illinois will be met and the purposes of the stockholders of the College of Physicians and Surgeons be most fully accomplished by the agreement hereinafter set forth looking to the ultimate permanent transfer of the property and good will of the College of Physicians and Surgeons to the University of Illinois, believing as said stockholders do that the State of Illinois and the University of Illinois will exercise their great power in the premises without regard to the interest of individuals, parties, or classes, and for the uplifting of medical science and the good of our common humanity.

Now, therefore, to fulfill the purposes of the College of Physicians and Surgeons and the University of Illinois the two said corporations do enter into the following agreement, to-wit:

1. This indenture is made this ninth day of February in the year of Our Lord One Thousand Nine Hundred, between the College of Physicians and Surgeons, a corporation duly incorporated and existing under and by virtue of the laws of the State of Illinois, party of the first part, and the University of Illinois, a corporation duly incorporated and existing under and by virtue of the laws of the State of Illinois, party of the second part,—

2. That the said party of the first party, for and in consideration of the covenants and agreements hereinafter mentioned, to be kept and performed by the said party of the second part, has demised and leased to the said party

of the second part all those premises lying and being in the City of Chicago, in the County of Cook, in the State of Illinois, known and described as follows, to-wit:

Lots Nos. fifteen (15), sixteen (16), seventeen (17), and eighteen (18), in Balestier's Sub-division of Block No. twenty-three (23) in Ashland Second Addition to Chicago, as by a plat of Sub-divisions entitled "Balestier's Sub-division of Blocks eleven (11), part of fourteen (14), eighteen (18), east half of nineteen (19) and twenty-two (22), and all of twenty-three (23) in Ashland Second Addition to Chicago." The said plat of sub-divisions having been recorded in the recorder's office of Cook County, in the State of Illinois, in Book 166 of Maps, pages 70 and 71, and recorded in the same office in Book 14 of Plats, page 85.

To have and to hold the said above described premises with the appurtenances thereunto belonging, together with the property described in the schedule hereto attached, marked "Schedule A," (which schedule bears the signature of D. A. K. Steele, President of the College of Physicians and Surgeons, and S. W. Shattuck, on behalf of the University of Illinois, for the purpose of identification) unto the said party of the second part, from the first day of May, in the year of Our Lord One Thousand Nine Hundred for and during and until the thirtieth day of April in the year of Our Lord One Thousand Nine Hundred and Twenty-five.

3. And the said party of the second part, for and in consideration of the leasing of the premises aforesaid, by said party of the first part to said party of the second part, and also for and in consideration of the covenants and agreements hereinafter contained, to be kept and performed by the said party of the first part, its successors and assigns, covenants and agrees to pay to said party of the first part, as rent for said premises and property for said period of twenty-five (25) years, the sum of three hundred thousand (\$300,000.00) dollars, being an annual rental of twelve thousand (\$12,000.00) dollars, to be paid by the said party of the second part to the said party of the first part in semi-annual installments as follows: The sum of six thousand (\$6,000.00) dollars at the end of each six (6) months of the term of this lease: *Provided*, however, that the party of the second part shall not be required to pay said rental to said party of the first part, except out of the net earnings of the School of Medicine, that is, the net earnings that remain after all other expenditures, except the payment of said installments of rental under this lease, and *Provided* further, that, if this lease under the terms hereof shall not terminate at the end of the twenty-five (25) years, then said rental of twelve thousand (\$12,000.00) dollars a year shall continue to be paid in the same way and under the same conditions until said lease shall be terminated under the provisions hereof.

4. It is hereby further covenanted and agreed by and between the parties hereto, that the real estate hereinbefore described and the personal property set forth in Schedule A, comprise all of the real estate, furniture, apparatus, equipment, books, drugs and other effects of the party of the first part hereto, hereby leased and covenanted to be conveyed according to the terms and provisions of this instrument.

2. And said party of the second part further covenants and agrees to pay (in addition to the rents above specified) all water rents, taxes, and assessments of every kind which may be levied or charged on or against said premises for and during the term for which this lease is in force, and save the premises and the said party of the first part harmless therefrom; and that the said second party will keep said premises in a clean and wholesome condition, in accordance with the ordinances of the City of Chicago and directions of the health officers. *Provided* that these said charges be paid out of the earnings of the School of Medicine the same as is specified for the payment of rent, in article 3 of this agreement. And it is further agreed that all plumbing, water pipes, gas pipes, and sewerage shall be at the risk of said second party.

6. It is agreed by and between the parties hereto, for the purposes of this instrument, that the value of the real estate, equipments, and good will and property of all kinds hereinbefore described and referred to in Schedule A

and belonging to said party of the first part is two hundred and seventeen thousand (\$217,000.00) dollars, and that said sum is agreed upon as the price at which the same shall be purchased by the said party of the second part as hereinafter provided.

7. It is hereby further agreed by and between the parties hereto that the term "net earnings" used in this instrument shall mean all that sum remaining of the gross earnings of the College of Medicine for any year after the payment of all current expenses including all sums herein named as contingent rental payable to the College of Physicians and Surgeons.

8. It is further agreed between the parties hereto that the net earnings of the College of Medicine shall belong to the College of Physicians and Surgeons and the University of Illinois, and shall be divided semi-annually as follows, to-wit: On the fifteenth day of November and the fifteenth day of May of each year, not including May of the first year, and on the thirtieth day of April in the final year of this lease, the Business Manager of the University of Illinois and the Actuary of the College of Medicine shall determine the net earnings for the then current or expiring year and two-thirds of said net earnings shall be paid to the Treasurer of the College of Physicians and Surgeons and one-third shall remain in the hands of the Treasurer of the University of Illinois, as in the paragraph next below agreed. *Provided, however,* that on the fifteenth day of November of each year, only so much of said net earnings shall be divided as the Business Manager of the University of Illinois and the Actuary of the College of Medicine shall decide may not be needed to meet the estimated current expenses of the College of Medicine for the succeeding six months.

9. It is further agreed by and between the parties hereto, that the University of Illinois shall set apart that portion of the net earnings of the College of Medicine belonging to the University of Illinois under the division aforesaid in a distinct and separate fund called the Medical College Purchase and Endowment Fund, and that the University of Illinois shall keep the moneys of said fund, including the annual interest thereon continually invested in interest bearing securities till the completion of the life of this lease and the conclusion of the purchase of the property and good will of the College of Physicians and Surgeons as provided for in this agreement, and except as hereinafter provided for for the payment of the mortgage indebtedness of the College of Physicians and Surgeons.

10. It is further understood and agreed, that the stockholders of the College of Physicians and Surgeons and said corporation have agreed to sell and transfer, and do hereby agree to sell and transfer to the University of Illinois, and the University of Illinois has agreed and does hereby agree to purchase all the rights, title, and interest of the College of Physicians and Surgeons in all its real estate described in section 2 of this agreement and the equipments and good will and property of all kinds hereinbefore described and referred to in Schedule A, free from all incumbrances and liens for the sum of two hundred and seventeen thousand (\$217,000.00) dollars, the said transfer to be made on the first day of May in the year of Our Lord one thousand nine hundred and twenty-five, if the amount of the Medical College Purchase and Endowment Fund described in section 9 above shall at that date have amounted to the purchase price provided for and agreed to in this instrument. *And it is further agreed* by and between the parties hereto, that if the amount of the said Medical College Purchase and Endowment Fund shall not at that date equal the amount of the purchase price herein provided for, then this lease shall continue from year to year until the amount of the Medical College Purchase and Endowment Fund, through its periodical divisions of one-third of the net earnings of the College of Medicine, with interest which shall accrue thereon, shall amount to the full purchase price of the property of the College of Physicians and Surgeons under the provisions of this agreement.

*It is provided, however, and hereby agreed,* by and between the parties hereto that at the end of the twenty-five (25) year term provided for in this instrument, the University of Illinois shall have at that time the right and option to pay the full purchase price of the property and good will of the College of

Physicians and Surgeons remaining unpaid, either out of the Medical College Purchase and Endowment Fund, or out of any other moneys at its command, upon the condition that said University of Illinois shall at least a year prior to the expiration of said term of twenty-five (25) years, notify said College of Physicians and Surgeons of its election to pay said purchase price in full, and upon the condition that said option and election shall be exercised at that time, that is, at the time when said period of twenty-five (25) years shall have expired and upon such payment at said time by said University of Illinois the deeds to said properties of the College of Physicians and Surgeons bearing even date herewith and held *in escrow* by the Secretary of State of the State of Illinois, shall be delivered to said University of Illinois.

*It is further provided* that on the same date as that of the execution of this agreement a deed of the property of the College of Physicians and Surgeons, with all its equipments and good will, shall be duly executed by said College of Physicians and Surgeons conveying the same to the University of Illinois, subject only to its present mortgage indebtedness, said deed to be held *in escrow*, by the Secretary of State of the State of Illinois, until such time as the University of Illinois shall have paid the full purchase price of the property herein provided to be sold, upon the completion of which payment such deed shall be delivered to the Trustees of the University of Illinois.

*It is, however, further agreed by and between the parties hereto*, that the University of Illinois shall pay out of the said Medical College Purchase and Endowment Fund from year to year as it is earned, the mortgage indebtedness of the College of Physicians and Surgeons now existing until the same shall have been fully discharged, and interest on the amount of said payments shall be allowed to the party of the second part at the rate of four (4) per cent. per annum, and shall be paid by the party of the first part to the party of the second part annually in cash, and the party of the second part will add such payments of interest to the said Medical College Purchase and Endowment Fund.

Said mortgage indebtedness is fully set forth in Schedule B hereto attached (which said Schedule B bears the signature of D. A. K. Steele, President of the College of Physicians and Surgeons, and S. W. Shattuck, on behalf of the University of Illinois, for the purpose of identification.)

*It is further agreed by and between the parties hereto*, that no other or further indebtedness shall be incurred by the party of the first part without the written consent of the party of the second part.

11. It is further agreed by and between the parties hereto that the Medical College Purchase and Endowment Fund of the University of Illinois shall be held inviolable and applied only as herein provided, and at the close of the lease herein entered into, on the first day of May in the year of Our Lord One Thousand Nine Hundred and Twenty-five, be applied to the payment of the purchase price of the property of the College of Physicians and Surgeons herein leased, and the surplus, if any, shall be expended as may be necessary in the purchase of further grounds, buildings, and equipments for the College of Medicine of the University: *Provided*, that, if on the date of May first, 1925, there are not sufficient funds in the said Medical College Purchase and Endowment Fund to pay for such purchase then said lease shall be extended from year to year and the day for the purchase of said property of the College of Physicians and Surgeons and for the payment for the same shall be deferred till the thirtieth day of April next after the said fund shall have increased so as to be equal to the said amount: *And, provided further*, if the purchase price of two hundred and seventeen thousand (\$217,000) dollars agreed upon shall have been increased in accordance with and in consequence of the provisions herein providing for the increase of said purchase price then the payment provided for herein shall be made and the transfer of said property be made, and the delivery of the deed held *in escrow* shall be made to the Trustees of the University of Illinois, when the sum in said Medical College Purchase and Endowment Fund shall be equal to the purchase price increased as herein provided for and paid over to the College of Physicians and Surgeons, unless said purchase price shall be paid in full upon the expiration of the term herein demised, and it is further understood and agreed that on the payment of the purchase price herein stated the College of Physicians and Surgeons shall

convey by good and sufficient deed to the University of Illinois all of said properties, equipments, and good will, and also all additional properties and equipments acquired under the terms of this agreement.

12. It is further agreed by and between the parties hereto, that the College of Physicians and Surgeons, after being authorized to do so by the Board of Trustees of the University of Illinois, may purchase additional lands and construct or purchase additional buildings, acquire additional equipment, or make other permanent improvements for the purposes of the College of Medicine at a cost stated in the act, resolution, or permit of the Board of Trustees of the University when the said improvements or purchases are authorized. *Provided*, that the cost of said several purchases, improvements, and equipments shall be agreed upon and stated in the act, resolution, or permit of the Board of Trustees authorizing the said several purchases, improvements, and equipments; and, *Provided further*, that the improvements shall be made under the supervision of the Board of Trustees of the University of Illinois, and the actual cost thereof shall be audited by the Board of Trustees of the University of Illinois and entered upon its records.

*And it is further agreed*, That the purchase price of two hundred and seventeen thousand (\$217,000.00) dollars stated herein shall be increased by such amount or amounts actually expended by the College of Physicians and Surgeons in said purchases, improvements, and equipments and audited and approved by said Board of Trustees of the University of Illinois.

*And provided further*, That no increase shall be made in the said purchase price of two hundred and seventeen thousand (\$217,000.00) dollars for any expenditure or expenditures not authorized by the Board of Trustees of the University of Illinois as herein stipulated. *And it is further agreed by and between the parties hereto*, that in case the College of Physicians and Surgeons shall make purchases or improvements as provided for herein that the amount of annual rental stated in this agreement shall be increased by an amount equal to four (4) per cent of the amount or amounts of the actual cost of the said purchases, improvements and equipments.

13. It is further agreed by and between the parties hereto, that the University of Illinois, with the approval of the Board of Directors of the College of Physicians and Surgeons, may purchase lands and construct or purchase buildings or equipments for the purposes of the College of Medicine, paying for the same out of funds other than the earnings of the College of Medicine, and in such case it is agreed that the College of Physicians and Surgeons will deduct from the annual rental due it from the University of Illinois a sum equal to four (4) per cent of the cost of such lands, buildings and equipments.

14. It is hereby further agreed by and between the parties hereto that a working fund of eight thousand (\$8,000.00) dollars shall be established by the College of Physicians and Surgeons on or before the first day of May, 1900, which shall be the property of the University of Illinois, under the provisions of this instrument for current expenses only of the College of Medicine, and that said fund of eight thousand (\$8,000.00) dollars shall be replenished so as to bring it to that amount, out of the gross earnings of the College of Medicine upon the first day of May of each year during the life of this lease.

15. And the said party of the second part further agrees with the said party of the first part that said second party will, during the term of this lease, conduct and carry on upon the premises hereinbefore described a College of Medicine and Surgery, and no other school or business whatever, and that it will continue during the said term to use the name "College of Physicians and Surgeons" in connection with the term "College of Medicine of the University of Illinois," as the name and designation of said College.

16. And it is further agreed by and between the parties hereto as one of the conditions and considerations of this lease that the University of Illinois shall not establish or become identified with any other College or School of Medicine, or Medical Business or Department of any kind other than the College of Medicine herein referred to during the life of this lease. But this shall not be interpreted as prohibiting the introduction into the curriculum of the College of Medicine of any branch of study or method of instruction not now included therein.

17. It is further agreed by and between the parties hereto that the Faculty of the College of Medicine, during the life of this lease, shall be made up of the President of the University, and the Professors, Associate Professors, Adjunct Professors, and Lecturers belonging to the corps of instruction of the College of Medicine and shall be known as the Teaching Faculty of the College of Medicine.

18. And it is further agreed by and between the parties hereto that during the life of this lease the President of the University and such members of the Teaching Faculty of the College of Medicine as hold and own twenty or more shares of stock in the College of Physicians and Surgeons, shall constitute the Executive Faculty of the College of Medicine.

19. It is further agreed by and between the parties hereto that during the life of this lease the Executive Faculty of the College of Medicine shall have an advisory relation to the President and Business Manager of the University, and to the Board of Trustees with respect to all matters appertaining to the College of Medicine. It shall annually nominate to the Board of Trustees through the President of the University from its membership a Dean, an Actuary, and a Secretary for the College of Medicine.

There shall also be reserved to the Executive Faculty the right to nominate in like manner candidates to fill vacancies in the corps of instruction, and it shall in like manner cooperate with the University of Illinois in determining the educational policy of the School.

Further, the Dean, with the advice and consent of the Executive Faculty, shall recommend, as occasion may arise, the acceptance of resignations, or dismissals from the corps of instruction, and shall in like manner, from time to time, recommend discontinuance or establishment of chairs of instruction, or the change of title of any chair.

It is further provided, however, that should the Board of Trustees of the University not be able to secure from the said Executive Faculty, by a majority vote thereof, the nomination of a person who is, in the judgment of the Board of Trustees, qualified and suitable to fill the office of Dean, or one who is qualified and suitable to fill the office of Actuary, or one who is qualified and suitable to fill the office of Secretary, or one is qualified and suitable to fill any vacancy in a teaching position for which the Executive Faculty is empowered to make nominations, then, and in that case, the Board of Trustees may direct the Teaching Faculty of the College of Medicine to nominate a person who shall be qualified and suitable to fill such vacancy; and in case the Teaching Faculty, by a majority vote thereof, shall fail to nominate a person qualified and suitable in the judgment of the Board of Trustees to fill such vacancy, then, in that case, the Board of Trustees may proceed to elect such a person to fill such vacancy without reference to any nomination on the part of the Faculty for such office or such teaching position.

20. It is further agreed by and between the parties hereto, that the Actuary shall, with the advice and consent of the Executive Faculty, recommend the rate or compensation to be paid to any member of the corps of instruction, or to any officer or employe of the College of Medicine. He shall, under the same conditions, recommend in what manner and in what amount other sums from the treasury of the College of Medicine shall be expended on its account.

Nevertheless, the Board of Trustees may decide to pay to any officer, teacher, or employe, a salary which shall be less in amount than that recommended by the Actuary and the Executive Faculty to be paid to any such person, but may not increase such salary, to be paid out of the working fund above provided for, or out of the earnings of the College of Medicine, beyond the sum thus recommended.

Expenditures recommended by the Actuary and the Executive Faculty to be paid out of the working fund or earnings of the College of Medicine, for any purpose other than the payment of salaries, may be approved, disapproved or reduced in amount by the Board of Trustees, but may not be increased beyond the sums named in such recommendations.

21. It is further agreed by and between the parties hereto, that any change in the tuition and other fees now in vogue in the School of Medicine, hereafter to be known as the College of Medicine, shall be the subject of recommendation by the Executive Faculty to the Board of Trustees, and by such Board be approved or disapproved.

22. It is hereby agreed by and between the parties hereto, that after the expiration of this lease, and the purchase of the properties mentioned in this instrument by the University of Illinois, the party of the first part, in view of the conveyance of its good will as provided for in this agreement, shall not thereafter conduct a Medical College or School, or do any other business in that line.

23. It is further agreed and provided by and between the parties hereto, that this lease shall not be assignable by the University of Illinois during the life of this lease.

24. It is further stipulated and agreed between the parties hereto, that if any stipulation, covenant, or agreement herein contained is in excess of or beyond the corporate powers of either of said parties such fact shall in no wise impair or affect the validity of this instrument or the rights of said parties hereunder, and that this instrument and the rights of the parties under it shall be construed to be the same as they would have been if everything herein contained in excess of or beyond the corporate powers of either party had been omitted therefrom.

In witness whereof, the undersigned officers of the respective parties hereto, authorized by resolution of their respective Boards, and also a committee appointed by the party of the first part, consisting of D. A. K. Steele, Oscar A. King, John B. Murphy, and William E. Quine, have hereunto attached their signatures as official representatives of the parties hereto and the corporate seals of said parties at the City of Chicago in the State of Illinois, on the ninth day of February, A. D. 1900.

Committee.	{ D. A. K. STEELE,	[SEAL]
	{ OSCAR A. KING, V. Pres.	[SEAL]
	{ JOHN B. MURPHY,	[SEAL]
	{ WM. E. QUINE.	[SEAL]

[Seal of College of Physicians and Surgeons.]	THE COLLEGE OF PHYSICIANS AND SURGEONS,	
	OF CHICAGO, BY D. A. K. STEELE, Pres.	[SEAL]
	WM. ALLEN PUSEY, Secretary.	[SEAL]

[Seal of the University of Illinois.]	UNIVERSITY OF ILLINOIS,	
	BY ALEXANDER McLEAN, Pres.	[SEAL]
	W. L. PILLSBURY, Secretary,	
	Board of Trustees, University of Ill.	[SEAL]

STATE OF ILLINOIS, }  
COUNTY OF COOK. } ss.

I, E. Evelyn Ballard, a Notary Public, in and for said county and State aforesaid, do hereby certify that on this ninth day of February, A. D., 1900, personally appeared before me, D. A. K. Steele, Oscar A. King, Wm. E. Quine, D. A. K. Steele, President, and Wm. Allen Pusey, Secretary, of the College of Physicians and Surgeons, and Alexander McLean, President, and W. L. Pillsbury, Secretary, of the Board of Trustees of the University of Illinois, to me personally known to me to be the same persons who executed the foregoing instrument, and severally acknowledged that they had executed the same for the purposes therein set forth.

In witness whereof, I have hereunto set my hand and seal the day and year above written.

[Notary Seal]

E. EVELYN BALLARD,  
Notary Public.

STATE OF ILLINOIS, }  
COUNTY OF COOK. } ss.

I, E. Evelyn Ballard, a Notary Public, in and for said county and State aforesaid, do hereby certify that on this twelfth day of February, A. D. 1900, personally appeared before me John B. Murphy, to me personally known to me to be the same person who executed the foregoing instrument, and acknowledged that he had executed the same for the purposes therein set forth.

In witness whereof, I have hereunto set my hand and seal the day and year above written.

[NOTARY SEAL.]

E. EVELYN BALLARD,  
*Notary Public.*

#### SCHEDULE B.

The following is a full and complete schedule of all the liabilities of the College of Physicians and Surgeons existing at the present date:

First—A loan of twenty-five thousand (\$25,000.00) dollars due Hetty Green, December, 1901, secured by mortgage on the property of the College of Physicians and Surgeons.

Second—Bonds secured by second mortgage to the amount of fifteen thousand (\$15,000.00) dollars, due December, 1905.

Third—Also twenty-five thousand (\$25,000.00) dollars in bonds, secured by mortgage, due December, 1912.

Fourth—A note for two thousand (\$2,000.00) dollars, running to Dr. — Trott, due December, 1900.

Fifth—And finally, three thousand, seven hundred (\$3,700.00) dollars, due D. A. K. Steele for cash advancement, and unsecured.

Making a total of seventy thousand, seven hundred (\$70,700.00) dollars.

For the purpose of identification witness our signatures hereto.

February 9, 1900.

D. A. K. STEELE, *President*,  
S. W. SHATTUCK.

Mr. Smith moved that the report of the committee be received and adopted and that the President and Secretary of the Board of Trustees of the University of Illinois be intrusted to execute in duplicate the contract reported.

Upon this motion the roll was called and the vote stood: Ayes—Bayliss, Bullard, Hatch, McLean, Nightingale and Smith and Mrs. Flower and Mrs. Abbott. Noes—none. Absent—Tanner, Fulkerson, McKay, Carriel.

The Secretary was instructed to have the contract recorded in Cook county when it had been duly executed.

President Draper offered the following recommendation.

#### TITLES OF SCHOOLS OF MEDICINE AND LAW.

*To the Board of Trustees:*

I recommend that the School of Medicine be made the College of Medicine, and the School of Law the College of Law.

Very respectfully,

A. S. DRAPER,  
*President.*

This recommendation was adopted.



## MUSIC FEES.

It was voted that the words "residents of the State of Illinois" should be inserted after the words "matriculated students" in the first paragraph of the resolution with regard to instruction in music, adopted September 12, 1899.

The resolution as amended reads as follows:

*Resolved*, By the Board of Trustees of the University of Illinois, that all matriculated students, residents of the State of Illinois, shall be entitled to instruction in all departments of the School of Music at no higher rates than students of other departments of the University are charged.

That all persons desiring to enter the School of Music shall be subject to the rules in force in other departments of the University touching qualifications and course of study. An examination shall be had as in other departments to the end that each pupil shall maintain the required standing.

This resolution shall be in force from and on September 1, 1900.

Upon the suggestion of the Business Manager, \$100 was appropriated for contingent expenses on the south farm and \$100 for contingent expenses in the military department.

Professor Shattuck, who, with Captain Clark, had been directed to call for bids for furnishing uniforms to the cadets of the battalion, presented the following report:

## UNIFORMS FOR THE BATTALION.

UNIVERSITY OF ILLINOIS, Feb. 8, 1900.

*Board of Trustees, University of Illinois.*

GENTLEMEN:—The undersigned beg leave to report that under directions given by your action of Sept. 12, 1899, we advertised, in the Champaign and Urbana papers for two weeks, for proposals for bids to furnish uniforms to the students. A copy of the advertisement is attached herewith. January 20, 1900, at 2:00 p. m., we met in the business office, when the following bids were received, but not opened, as it was thought best to ask for instructions from the Board. No bidders were present at that time.

## LIST OF BIDDERS.

N. C. Lilly & Co., Columbus, O.  
Ottenheimer & Co., Champaign, Ill.  
Fred Kaufman, 160 Market St., Chicago, Ill.  
Unknown, St. Louis, Mo.

Respectfully submitted,

S. W. SHATTOCK,  
D. H. CLARK,

*Committee.*

Upon motion of Mr. Smith these bids were then opened and were referred back to the Business Manager and Captain Clark, who were directed to tabulate the bids and report to the Board of Trustees at its meeting in March next.

On motion of Mr. Bayliss, the Secretary was authorized to make all arrangements for printing the minutes of the meetings of the Board and was instructed to have the minutes of each meeting printed within ten days after the adjournment of the same.

Mr. Smith, from the Committee on Printing, reported that bids had been taken for printing the "University Studies," and the bid of "The Gazette," of Champaign, being the lowest and best, it was recommended that the bid be accepted, and it was so ordered.

Mr. N. B. Morrison's bill of expenses incurred in attending upon the taking of depositions in the suit against Spalding and his bondsmen and at the trial of the suit against the bondsmen living in Chicago, was presented to the Board by President McLean, together with a letter accompanying the same from Wilson, Moore & McIlvaine, and the bill and letter were referred to the Finance Committee with instructions to report upon the same at the meeting of the Board in March.

The Board adjourned.

ALEXANDER McLEAN,

*President.*

W. L. PILLSBURY,

*Secretary.*

### MEETING OF MARCH 13, 1900.

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The Board of Trustees of the University of Illinois met in the Trustees' Room, Library Building, Urbana, Illinois, at 9 o'clock a. m., Tuesday, March 13, 1900.

The members present were Messrs. Bayliss, Hatch, McKay, McLean, and Nightingale and Mrs. Flower, Mrs. Carriel, and Mrs. Abbott. Mr. Bullard came in a little later. Those absent were Governor Tanner and Messrs. Fulkerson and Smith.

The minutes of the meeting of the Board of December 12, 1899, of the adjourned sessions thereof held December 13 and 19, 1899, and January 10, 1900; also the minutes of the special meeting of February 9, 1900, were approved as presented by the Secretary.

### ELECTION OF OFFICERS.

The President then announced that the next order of business was the election of officers and called for nominations for the position of President of the Board.

Mr. Bayliss nominated for re-election Mr. McLean, who was unanimously chosen to be President for the ensuing year.

On motion of Mr. Nightingale, W. L. Pillsbury was elected corresponding Secretary, Recording Secretary, and Registrar for the ensuing year.

Mr. McKay and Mrs. Flower were elected the two members of the Board who, with the President of the Board, should constitute the Executive Committee.

Mr. H. Augustine, of Normal, representing the Illinois State Horticultural Society, and Mr. H. B. Gurler, of DeKalb, representing the State Dairymen's Association, were appointed members of the Advisory Board of the Agricultural Experiment Station.

Messrs. Hatch and Fulkerson, of the Board of Trustees, and Professors Burrill, Forbes, and Davenport, of the Faculty of the University, were elected members of the same Board.

Representation of the Illinois State Board of Agriculture upon the Advisory Board was left open for nomination by Mr. Fulkerson.

## COMMUNICATIONS FROM PRESIDENT DRAPER.

*To the Board of Trustees.*

I very respectfully submit the following recommendations:

1. That authority be given for the importation of supplies as follows: for the chemical laboratory \$2,000.00, for the botanical laboratory \$100.00, and for the agricultural experiment station \$200.00.

2. That Professor Newton A. Wells be appointed professor of the history and practice of painting on full time at \$2,000.00 a year.

Professor Wells came to us three years ago to execute the decorations of the library building. That important work has just been completed, and the mural paintings in the rotunda will be unveiled this afternoon. While engaged upon this work Professor Wells had become so much of a factor in the architectural and art work of the University that the Board of Trustees, upon my recommendation, appointed him professor of the history and practice of painting on half time at the rate of \$2,000.00 a year. Last week the Chicago Institute elected him professor of art at a salary of \$3,000.00 the first year, and \$3,500.00 thereafter, with additional perquisites worth certainly \$500.00 a year. Professor Wells has naturally hesitated as to what he should do. His attachment to the University has become strong, and he feels that the opportunities for realizing the ideals of his most mature thought are much greater here than at an institution of the grade of the Chicago Institute. With him the interests of art work are far above monetary considerations. He has finally said that if he were seriously wanted here for full time he would remain permanently. Our departments of architecture and art would now be seriously crippled by his withdrawal. Dean Ricker assures me that the work of Professor Wells in the department of architecture equips that department more completely than any other similar department in the country, and that the latter is without a peer as a worker and a teacher in industrial and decorative art. Words no less commendatory come from Professor Frederick touching Professor Wells' work in water colors and oils, and particularly in portraiture, in the department of art and design. I think the opportunity here opened to us should not be lost, and that we should at once put him on full time, and express our sincere appreciation of him and his work, and our commendation of the motives which have led him to his conclusions.

3. That the resignation of Professor Perry G. Holden, of the department of agronomy, which is herewith transmitted, be accepted, as of date March 1, 1900.

Professor Holden has been largely instrumental in accomplishing some very desirable things for the University. His resignation to take effect at once was occasioned by an offer of \$4,000.00 a year to become the superintendent of a sugar beet company which he was under the necessity of accepting or declining at once.

4. That the resignation of Professor George W. Myers, of the department of mathematics, which is herewith transmitted, be accepted to take effect September 1, 1900, and that his request to be relieved from work in our summer term be not approved.

Professor Myers has recently been chosen professor of mathematics in the Chicago Institute at \$3,500 per year. He is a graduate of this University, and has been one of the most scholarly and efficient of its professors. His departure will be a substantial loss to us, and I had the best reasons for believing that the assurances which I had given him, with the manifestly greater opportunities for advanced scholarship here, would induce him to remain. His final conclusion is otherwise, very much to my regret, and I may add very much against my view as to his own best interests. Touching work in our summer term this is to be said: He desired it. The announcement of his work has been made, with his knowledge, very broadly and thoroughly. His work last year was popular, and I have no doubt a very considerable number of students will attend this year on the strength of that announcement. It seems to me that he is not justified in asking us to break faith with these people, only because he would like to enter upon another engagement

on July 1st, with the understanding that his nominal employment and salary here shall continue to September 1st. I regret this matter exceedingly, but I can not let my earnest desire that Professor Myers shall leave us with pleasant recollections and with our good will and best wishes, turn me aside from the course which I believe to be imperative and just to the interests concerned.

5. That Thaddeus L. Bolton be appointed instructor in the department of psychology for ten months from September 1, 1900, at \$100 a month.

There has been a vacancy in this position during the year. It has been held in abeyance pending the appointment of the professor of pedagogy. Unless we are to discontinue the department of psychology it would seem highly desirable to make an appointment for the next year. If that is to be done, the sooner it is done, with due regard to the interests involved, the better. I have as strong confidence in the recommendation made as in any I am likely to be able to make. Doctor Bolton has been more or less under consideration by this University for seven years. His appointment is approved by Doctor Dexter, whom we have appointed professor of pedagogy.

Doctor Bolton is thirty-five years old, and was born in this State; took his A. B. degree, with his major work in philosophy, at the University of Michigan in 1889, and his Ph. D. degree in psychology at Clark University in 1893. He studied three months each at the Universities of Berlin, Leipzig, and Heidelberg. He has taught at Clark University while working for his doctor's degree, at the state normal schools at Worcester, Massachusetts, and San Jose, California, at the University of Washington, and at the University of Nebraska, where he now is. I have seen him and believe him to be scholarly, but perhaps not brilliant, thoroughly honest and earnest and right spirited, although he may possibly lack in aggressiveness. Only a trial will settle the question of his thorough adaptation to our service. Men in experimental psychology who are scholarly and forceful, and yet sane and safe, are very rare. There are no men with established reputations in this work who are available. Doctor Bolton well knows the difficulties we have experienced, has confidence he can build up the department on a substantial foundation, and is willing to undertake it for less money than he is offered to remain at the University of Nebraska. I think we will do well to give him the opportunity.

6. That the recommendations of the Director of the Agricultural Experiment Station, approved by the Advisory Board, be approved, and appropriations be made to cover his estimates for the next quarter, as follows:

Salaries.....	\$1,300
Publications.....	800
Library.....	200
Office.....	400
Animal husbandry.....	300
Agronomy.....	300
Horticulture.....	400
Chemistry.....	50
Total.....	\$3,750

Also that the estimates of the Dean of the College of Agriculture be approved, and appropriations be made to cover the same as follows:

Office and incidentals.....	\$100
Agronomy.....	900
Animal husbandry.....	1,000
Dairy husbandry.....	500
Horticulture.....	800
Total.....	\$3,300

7. That a department of domestic science be established in the College of Agriculture, and that the President be authorized to make search for a suitable person of scientific attainments and organizing qualities to take charge

of the same from the beginning of the next University year; and that this department fix the standards and have general oversight over the lunch room authorized by the Board to be opened on the University grounds next year.

8. That in view of suggestions of Dean Davenport, and of the informal request of Dean Kinley for leave of absence next year on half pay, the Committee on Instruction be requested to take up and report upon the matter of a rule covering the conditions upon which leaves of absence of members of the Faculty for a considerable length of time will be granted, if in the judgment of the Committee any such general rule is desirable.

9. That the accompanying bill for \$250.00 from Hon. John P. Wilson, for legal services as counsel for the University in the matter of the more perfect union with the College of Physicians and Surgeons, presented at this time at my request, be paid.

10. That the communication from citizens of Champaign asking that the University join in a movement to open a street on the south line of the city limits from Wright street west to Fourth street which is herewith transmitted, be referred to the Committee on Buildings and Grounds with directions to investigate and report.

I may say that I am of the opinion that such opening would be against University interests.

11. That the financial statements of the Director of the State Laboratory of Natural History, herewith transmitted, be referred to the Finance Committee for examination and report.

12. That the resolution forwarded by the University Golf Club touching the laying out of golf courses, which is herewith transmitted, be approved. The resolution is as follows:

*Resolved*, That the University Golf Club is hereby authorized to lay out and maintain a golf course upon the premises of the University, including the campus and the Experiment Station grounds, subject, however, to the approval of the Superintendent of Buildings and Grounds as to the location on the campus, and to that of the Director of the Experiment Station as to the location on the Experiment Station premises.

The use of the course by the members of the club is conditioned upon the establishment and maintenance of rules approved by the President and by the Director of the Experiment Station, which rules shall include a penalty of dismissal from the club and forfeiture of all rights to the course for trespass on Experiment Station property.

A. S. DRAPER,  
*President.*

Action was taken upon the items of the foregoing communication as follows:

1. Authority was given for the importations for the chemical laboratory, the botanical laboratory, and the Agricultural Experiment Station as recommended.

2. Professor Newton A. Wells, who had been employed for half time at the rate of \$2,000.00 a year, was appointed professor of the history and practice of painting on full time after September 1, 1900, at a salary of \$2,000.00 a year.

After this appointment had been made the following statements were read to the Board by President Draper:

#### STATEMENT REGARDING THE DECORATION OF THE LIBRARY.

The contract price for the decoration of the Library Building was \$3,500.00.

I began the work of decorating the building August 5, 1897, and at the end of four months had completed all but the fresco-work in the rotunda. For

this part of the work I received the sum of \$2,500.00. After paying for labor, materials, and my own expenses of board and traveling from Syracuse to Champaign and return there remained to me \$693.00.

In the spring of 1898, I went to Paris where I remained for six months, devoting all of my time to the preparation of the studies and cartoons from which these frescoes have been executed. As all of these figures and compositions are original, it was necessary that they be prepared with the aid of life models, for which I paid the sum of \$310.00.

The expense for the materials for this preparatory study amounted to \$36.50. The expense for the journey, board, and studio rent for six months spent in Paris was \$525.00. I ought to explain that I was able to make this trip and execute the work in Paris at a much less expense than if I had gone to Chicago or New York for the purpose, owing to the difference in studio rents and the wages of models. The preparation of the walls for the frescoes cost \$50.00 and the colors and materials for paintings, \$56.75.

I have been occupied for a period of more than two years upon the preparation and execution of these frescoes. One-fourth of that time has been devoted to other work, in order that I might support my family during that time. Of the remaining \$1,000.00 due me, I have received \$600.00.

The following detailed statement will show what I have received and disbursed in the prosecution of the work since its beginning in August, 1897, and its completion in March, 1900:

Cost of decorating walls and ceilings.....	\$1,677 63
Board and traveling expenses, four months.....	129 37
Cost of life models.....	310 00
Materials for cartoons and life-studies.....	36 50
Six months trip to Paris.....	525 00
Canvassing walls for frescoes.....	50 00
Materials and colors for frescoes.....	59 75
Total.....	\$2,785 25
By cash.....	\$2,500 00
By cash.....	600 00
Total.....	\$3,100 00

It will be seen that I shall have received just \$714.75 remuneration for eighteen months of solid work when the remaining \$400.00 of the contract price has been paid. From a purely commercial point of view, it has been the most arduous and the least remunerative piece of work that I have ever executed, but I beg the President and the Board not to interpret this statement as a complaint; as I foresaw all of this when I first undertook the work, and was willing to undertake it for the opportunity which it afforded to show what I could do, and also for the privilege of impressing my own personality upon the art of my time in so important a work. I am not ashamed of my work, and if the President, the Board of Trustees, and the Architects, are satisfied with it, I shall feel amply repaid for all of the time, toil, and anxiety which it has cost me.

Respectfully submitted to the President of the University of Illinois by  
NEWTON A. WELLS.

URBANA, ILLINOIS, March 12, 1900.

This is to certify that Professor Newton A. Wells has completed the mural decorations of the Library Building, including the great allegorical paintings in the rotunda, to our entire and ample satisfaction. He has produced a very pleasing and harmonious interior, in complete harmony with the style of architecture and construction employed for the building. The great oil paintings are original in composition and treatment, worthy to rank with similar works to be found in any of the libraries in the United States or in Europe.

RICKER & WHITE,  
*Architects of Library Building.*

It was thereupon voted, on motion of Mrs. Flower, to pay Prof. Wells an additional sum of \$500.00 for decoration of the Library Building, in consideration of extra expenses on account of defective walls; this amount to be charged against the State appropriation for repairs and improvement.

3. Mrs. Carriel moved that Prof. Holden's resignation be not accepted, that he be given leave of absence until September 1st, next, without pay, and that thereafter, upon his return to service of the University, he receive the sum of \$2,500.00 a year.

On motion of Mr. Bayliss this motion was made the special order when the Board should reassemble for the afternoon session.

4. It was voted that Professor Myer's resignation should be considered in connection with Mr. Holden's.

5. Mr. Thaddeus L. Bolton was appointed instructor in psychology for ten months from September 1, 1900, at a salary of \$100.00 a month.

6. Appropriations for the Agricultural Experiment Station, \$3,750.00 in amount, and for the College of Agriculture, \$3,300.00 in amount, were made, as recommended.

7. It was voted that a department of domestic science be established as recommended. The recommendation with regard to the supervision of the lunch room was also approved.

8. The Committee on Instruction was requested to consider and report upon the whole subject of leaves of absence at the next meeting of the Board.

9. An appropriation of \$250.00 was made for the payment of Mr. Wilson's bill for legal services.

10. The request for opening the street on the south line of the city of Champaign from Wright street to Fourth street was referred to the Committee on Buildings and Grounds, for investigation and report.

11. Statements of the Director of the State Laboratory of Natural History were referred to the Finance Committee.

12. The recommendation as to the laying out and use of golf courses was approved.

A communication from Professor Davenport with regard to the College of Agriculture's entering a competitive feeding experiment was referred to the Committee on Agriculture. Later the Committee reported informally that it was not advisable to enter the competition this year, and the report was adopted.

Mr. McKay, Mrs. Flower, and Mrs. Abbott were appointed a committee to act with President Draper to ascertain whether or not it would be practicable for the University battalion with the Military Band to visit Chicago May 1st, on the occasion of the Dewey celebration.

The Secretary presented the Registrar's statements of fees due from students of the College of Medicine for the quarters ending June 30, September 30 and December 31, 1899; from students of the



School of Pharmacy for the quarter ending December 31, 1899; and from the students of the University proper and the Preparatory School for the quarters ending September 30 and December 31, 1899.

These statements were referred to the Finance Committee.

The Secretary also presented the Treasurer's report, which was referred to the Finance Committee.

### TREASURER'S REPORT.

E. G. KEITH, TREASURER, IN ACCOUNT WITH THE UNIVERSITY OF ILLINOIS,  
DECEMBER 31, 1899.

		<i>Dr.</i>	
1899			
September	30	Balance.....	\$129,461 19
October	10	Received from U. S. Treasurer, quarterly appropriation for Agricultural Experiment Station fund.....	\$3,750 00
October	17	Received from S. W. Shattuck, for credit School of Medicine fund.....	20,000 00
"		Received from S. W. Shattuck, for credit School of Pharmacy fund.....	3,000 00
November	3	Received from S. W. Shattuck, paid and credit warrants for credit general fund.....	7,062 23
"		Received from S. W. Shattuck, credit warrants for credit Agricultural Experiment Station fund.....	7 00
November	16	Received from S. W. Shattuck, paid warrants for credit general fund.....	2,539 98
"		Received from S. W. Shattuck, for credit School of Pharmacy fund.....	2,755 78
"		Received from S. W. Shattuck, for credit School of Medicine fund.....	2,289 00
November	24	Received from S. W. Shattuck, Chicago draft for credit general fund.....	5,000 00
November	29	Received from S. W. Shattuck, for credit School of Medicine fund.....	6,243 10
December	26	Received from Treasurer, State of Illinois, for credit general fund.....	48,500 00
December	27	Received from S. W. Shattuck, for credit School of Pharmacy fund.....	1,637 75
December	29	Received from S. W. Shattuck, for credit School of Medicine fund.....	4,633 00
"		Received from S. W. Shattuck, for credit Agricultural Experiment Station fund.....	18 87
"		Received from S. W. Shattuck, paid warrants for credit general fund.....	2,388 00
			<u>109,824 71</u>
			<u>\$239,285 90</u>
		<i>Cr.</i>	
1899			
December	31	By amount paid out of general fund, as per list of warrants herewith.....	\$97,327 63
"		By amount paid out of School of Medicine fund, as per list of warrants herewith.....	17,318 75
"		By amount paid out of Agricultural Experiment Station fund, as per list of warrants herewith.....	3,926 30
"		By amount paid out of School of Pharmacy fund, as per list of warrants herewith.....	4,262 52
			<u>\$122,835 20</u>
		<i>Balances—</i>	
		General fund.....	\$87,345 42
		School of Medicine fund.....	26,854 92
		Agricultural Experiment Station fund.....	1,553 55
		School of Pharmacy fund.....	45 96
		Laboratory of Natural History fund.....	650 85
			<u>116,450 70</u>
			<u>\$239,285 90</u>

Respectfully submitted,

E. G. KEITH, *Treasurer.*

## BUSINESS MANAGER'S REPORT.

The Secretary presented the report of the Business Manager, which was referred to the Finance Committee.

UNIVERSITY OF ILLINOIS, March 12, 1900,  
*Alexander McLean, 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, December 31, 1899.

*Paper B* is a statement of the State appropriations, December 31, 1899.

*Paper C* is a statement of the United States fund, December 31, 1899.

*Paper E* is a statement of the Agricultural Experiment Station appropriations, December 31, 1899.

*Paper F* is a statement of the School of Pharmacy appropriations, December 31, 1899.

*Paper G* is a statement of the School of Medicine appropriations, December 31, 1899.

## PAPER A—CURRENT APPROPRIATIONS.

December 31, 1899.	Appropriated.	Expended.	Balance.
Salaries for instruction { Current..... } { U. S. fund..... } { State..... }	\$64,045 51	{ \$622 37 16,058 19 33,985 73 }	{ \$13,379 22 }
Salaries for services { Current..... } { State..... }	11,000 00	{ 141 15 10,692 21 }	{ 166 64 }
Buildings and grounds.....	300 00	247 95	52 05
Fuel and lights.....	100 00	57 21	42 79
Stationery and printing.....	200 00	76 02	123 98
Preparatory School.....	2,180 00	2,180 00	.....
Repair shop.....	2,200 00	1,977 81	222 19
Departments.....	729 35	688 26	41 09
College of Agriculture.....	1,370 65	1,087 86	282 79
Laboratories.....	3,100 00	3,089 87	10 13
Library and apparatus.....	100 00	48 45	51 55
Incidentals.....	1,600 00	874 75	725 25
<i>Sunaries—</i>			
Blue print room.....	400 00	202 29	197 71
Furniture and fixtures.....	250 00	15 15	234 85
Greenhouse.....	300 00	13 35	286 65
Heating apparatus.....	200 00	124 07	75 93
Library School.....	200 00	48 00	152 00
Minnesota lands.....	200 00	73 32	126 68
Military scholarships.....	18 75	18 75	.....
Music fees, 1899.....	138 50	138 50	.....
President's expenses.....	197 21	197 21	.....
South farm.....	263 00	187 88	75 12
State fair exhibit.....	300 00	266 22	33 78
Semester examinations.....	100 00	.....	100 00
Total.....	\$89,492 97	\$73,112 57	\$16,380 40

## PAPER B—STATE APPROPRIATIONS.

1897-1899.	Received.	Expended	Balance.	Assigned.
<i>Cabinets</i> .....	\$2,000 00	\$368 46	\$1,631 54	\$1,631 54
<i>Chemical laboratory equipment</i> .....	\$5,000 00	\$4,679 18	\$320 82	\$320 82
<i>Fire protection</i> .....	\$2,000 00	\$1,462 14	\$537 86	\$537 86
<i>Library</i> .....	\$20,000 00	\$17,694 86	\$2,305 14	\$2,305 14
<i>Pavements and walks</i> .....	\$4,000 00	\$4,000 00		
<i>Shop practice</i> .....	\$3,000 00	\$3,000 00		
<i>Taxes on Minnesota lands</i> .....	\$3,600 00	\$3,464 85	\$135 15	\$135 15
<i>Vaccine laboratory</i> .....	\$2,400 00	\$2,347 44	\$52 56	\$52 56
<i>Water survey</i> .....	\$6,000 00	\$5,936 38	\$63 62	\$63 62
<i>Apparatus and materials—</i>				
Closed out .....	\$392 11	\$392 11		
Astronomical Observatory .....	1,370 00	1,183 98	\$186 02	\$186 02
Botany and horticulture .....	740 00	730 64	9 36	9 36
Chemistry .....	1,000 00	918 62	81 38	81 38
Geology .....	450 00	277 32	172 68	172 68
Physiology .....	1,000 00	971 91	28 09	28 09
Psychology .....	350 00	306 84	43 16	43 16
Zoölogy .....	400 00	205 62	194 38	194 38
Unassigned .....	297 89		297 89	
	\$6,000 00	\$4,987 04	\$1,012 96	\$715 07
<i>Salaries, etc.—</i>				
Closed out .....	\$211,308 31	\$211,308 31		
Decorating library building .....	3,500 00	3,100 00	\$400 00	\$400 00
Food investigation .....	500 00	487 32	12 68	12 68
Illinois Field .....	4,000 00	3,709 08	290 92	290 92
Mechanical engineering laboratory .....	691 69	580 97	110 72	110 72
	\$220,000 00	\$219,185 68	\$814 32	\$814 32

1899-1901.	Received.	Expended	Balance.	Assigned.
<i>Salaries, etc.—</i>				
Salaries for instruction .....	\$41,365 00	\$33,955 73	\$7,409 27	\$7,409 27
Salaries for services .....	10,916 95	10,692 21	224 74	224 74
Accredited schools .....	500 00	4 00	496 00	496 00
Advertising, postage, etc. ....	2,500 00	1,118 82	1,381 18	1,381 18
Alumni Association .....	25 00	17 00	8 00	8 00
Art and design .....	150 00	16 88	133 12	133 12
Board expense .....	1,600 00	1,280 51	319 49	319 49
Buildings and grounds .....	2,700 00	561 01	2,138 99	2,138 99
College of Literature and Arts ..	100 00	30	99 70	99 70
Furniture and fixtures .....	750 00	542 95	207 05	207 05
Fuel and lights .....	5,900 00	3,678 75	2,221 25	2,221 25
Heating apparatus .....	1,600 00	1,150 52	449 48	449 48
Law School .....	200 00	61 75	138 25	138 25
Lectures .....	500 00	186 50	313 50	313 50
Library supplies .....	300 00	234 35	65 65	65 65
Illini .....	200 00		200 00	200 00
Illio .....	100 00		100 00	100 00
Oratorical contest .....	200 00	3 00	197 00	197 00
Preparatory School .....	200 00	128 50	71 50	71 50
Photographic equipment .....	100 00	90 20	9 80	9 80
Physical training .....	200 00	76 29	123 71	123 71
School of Music .....	100 00	70 81	29 19	29 19
Stationery and printing .....	1,300 00	649 47	650 53	650 53
Sewer tax .....	775 30	775 30		
State fair exhibit .....	300 00	151 83	148 17	148 17
Summer School .....	2,000 00		2,000 00	2,000 00
Water supply .....	750 00	750 00		
Unassigned .....	14,667 75		14,667 75	
	\$90,000 00	\$56,196 68	\$33,803 32	\$19,135 57
<i>Taxes on Minnesota lands</i> .....	\$2,000 00	\$1,575 30	\$424 70	\$424 70

## State Appropriations—Continued.

1899-1901.	Received.	Expended.	Balance.	Assigned.
<i>Shop Practice</i> .....	\$1,000 00	\$1,068 96	.....	.....
<i>Cabinets</i> .....	\$1,000 00	.....	\$1,000 00	\$1,000 00
<i>Fire protection</i> .....	\$1,000 00	.....	\$1,000 00	\$1,000 00
<i>Pavements and walks</i> .....	\$3,000 00	\$4,809 95	.....	.....
<i>Vaccine laboratory</i> .....	\$600 00	.....	\$600 00	\$600 00
<i>Engineering equipment—</i>				
Architecture.....	\$375 00	\$56 11	.....	.....
Civil engineering.....	300 00	152 16	.....	.....
Mechanical engineering.....	1,500 00	642 33	.....	.....
Physics laboratory.....	750 00	962 13	.....	.....
Electrical engineering.....	1,500 00	1,743 44	.....	.....
Theoretical and applied mechanics and municipal and sanitary engineering.....	500 00	191 76	.....	.....
College.....	75 00	21 43	.....	.....
	\$5,000 00	\$3,769 36	.....	.....
<i>Buildings and grounds, etc.</i> .....	\$5,000 00	\$4,986 02	\$13 98	\$13 98
<i>Water survey</i> .....	\$1,500 00	\$145 00	\$1,355 00	\$1,355 00
<i>Drainage, fencing and barns</i> .....	\$1,000 00	\$1,475 07	.....	.....
<i>Agricultural building</i> .....	\$25,000 00	\$18,516 12	\$6,483 88	\$6,483 88
<i>Water plant</i> .....	\$5,000 00	\$228 31	\$4,771 69	\$4,771 69
<i>Furnishing electrical building—</i>				
Electrical engineering department.....	\$500 00	\$297 39	\$202 61	\$202 61
Mechanical engineering department.....	500 00	91 50	408 50	408 50
	\$1,000 00	\$388 89	\$611 11	\$611 11
<i>Electric fixtures and wiring</i> .....	\$1,500 00	\$257 58	\$1,242 42	\$1,242 42
<i>Endowment fund interest—</i>				
Agricultural College.....	\$5,869 95	\$5,974 22	.....	.....
General.....	5,869 95	5,869 95	.....	.....
	\$11,739 90	\$11,844 17	.....	.....

## PAPER C—UNITED STATES FUND.

1899-1900.	Received.	Expended.	Balance.	Assigned.
General.....	\$12,500 00	\$12,500 00	.....	.....
Agricultural College.....	12,500 00	4,341 41	\$8,158 59	\$8,158 59
	\$25,000 00	\$16,841 41	\$8,158 59	\$8,158 59

## PAPER D—LABORATORY OF NATURAL HISTORY.

1895-1897.	Received.	Expended.	Balance.	Assigned.
General balance, July 1, 1896.....	\$253 68	\$94 70	\$158 98	\$158 98
Closed out.....	8,400 00	8,400 00		
Diseases of insects.....	1,500 00	1,490 30	70	70
	\$10,153 68	\$9,994 00	\$159 68	\$159 68

  

1897-1899.	Appropriated.	Expended.	Balance.	Assigned.
Salaries and assistants.....	\$8,000 00	\$8,000 00		
Field, office and incidentals.....	3,000 00	2,969 39	\$30 61	\$30 61
Library.....	3,000 00	2,948 35	51 65	51 65
Bulletins.....	1,500 00	1,168 29	331 71	331 71
Report of Entomologist.....	500 00	450 44	49 56	49 56
Biological Experiment Station.....	6,000 00	5,972 36	27 64	27 64
	\$22,000 00	\$21,508 83	\$491 17	\$491 17

## PAPER E—AGRICULTURAL EXPERIMENT STATION.

1897-1900.	Appropriated.	Expended	Balance.
<i>General fund—</i>			
Salaries.....	\$3,453 28	\$3,453 28	
Labor.....	1,319 98	1,319 98	
Publications.....	358 19	358 19	
Postage and stationery.....	117 39	117 39	
Freight and express.....	46 07	46 07	
Chemical supplies.....	72 03	72 03	
Seeds, plants, and sundries.....	177 58	177 38	
Feeding stuffs.....	243 19	243 19	
Library.....	18 49	18 49	
Tools, implements, and machinery.....	79 32	79 32	
Scientific apparatus.....	256 98	256 98	
Live stock.....	510 50	510 50	
Traveling expenses.....	53 97	53 97	
Contingent expense.....	37 16	37 16	
Buildings and repairs.....	156 11	156 11	
Unassigned.....	599 96		\$599 96
	\$7,500 00	\$6,900 04	\$599 96
<i>Farm fund—</i>			
Labor.....	\$441 55	\$441 55	
Sundries.....	98 18	98 18	
	\$539 73	\$539 73	

## PAPER F—SCHOOL OF PHARMACY.

1899-1900.	Appropriated.	Expended	Balance.
Salaries for instruction.....	\$1,242 81	\$1,242 81	.....
Salaries for services.....	750 00	750 00	.....
Buildings and grounds.....	1,670 01	1,670 01	.....
Fuel and lights.....	316 34	316 34	.....
Stationery and printing.....	75 83	75 83	.....
Laboratories.....	660 36	660 36	.....
Incidentals.....	133 79	133 79	.....
Advertising.....	553 83	553 83	.....
Furniture and fixtures.....	12 76	12 76	.....
Unassigned.....	1,984 27	.....	\$1,984 27
	\$7,400 00	\$5,415 73	\$1,984 27

## PAPER G—SCHOOL OF MEDICINE.

1899-1900.	Appropriated.	Expended	Balance.
Salaries for instruction.....	\$2,204 99	\$2,204 99	.....
Salaries for services.....	4,193 30	4,193 30	.....
Buildings and grounds.....	9,066 64	9,066 64	.....
Fuel and lights.....	995 07	995 07	.....
Athletics.....	1,000 00	854 53	\$145 47
Stationery and printing.....	107 90	107 90	.....
Laboratories.....	2,429 56	2,429 56	.....
Library.....	116 00	116 00	.....
Apparatus and materials.....	3,720 42	3,720 42	.....
Incidentals.....	652 63	652 63	.....
Advertising.....	1,911 44	1,911 44	.....
Furniture and fixtures.....	261 08	261 08	.....
Unassigned.....	1,882 49	.....	1,882 49
	\$28,541 52	\$26,513 56	\$2,027 96

*Paper H* is an estimate of receipts and expenses for the six months, ending June 30, 1900.

*Paper I* is a list of appropriations the Board is requested to make at this time.

*Paper L* is a report of receipts for the three months ending December 31, 1899.

PAPER L—RECEIPTS BY THE BUSINESS MANAGER FOR THE THREE MONTHS ENDING  
DECEMBER 31, 1899.

University fees.....	\$6,971 70	
Preparatory School fees.....	500 00	
School of Pharmacy.....	7,393 53	
School of Medicine.....	33,165 10	
Agricultural Experiment Station.....	25 87	
Agricultural College.....	841 49	
Heating apparatus.....	181 63	
Blue print room.....	306 53	
Fuel and lights.....	3 00	
Library School.....	79 23	
Physiology.....	5 00	
Biology.....	22 10	
Physics.....	44 70	
Botany.....	5 32	
Zoölogy.....	37 55	
Chemistry.....	98 95	
Astronomy.....	3 75	
Laboratory of applied mechanics.....	13 00	
Greenhouse.....	73 43	
Repair shop.....	2,379 92	
Mechanical department.....	341 20	
Incidentals.....	24 00	
Minnesota land, rents.....	670 35	
Minnesota land contracts, principal.....	10,017 49	
Minnesota land contracts, interest.....	1,724 08	
		\$64,928 92

*Paper M* is a list of General University vouchers presented for audit, being 676 to 1625, inclusive.

*Paper O* is a list of the Agriculture Experiment Station vouchers presented for audit, being 76 to 159, inclusive.

*Paper P* is a list of School of Pharmacy vouchers, presented for audit, being 16 to 75, inclusive.

*Paper Q* is a list of School of Medicine vouchers, presented for audit, being 140 to 350 inclusive.

*Paper R* is an abstract of bids received for furnishing uniforms.

Respectfully submitted,

S. W. SHATTUCK,  
*Business Manager.*

Appropriations were made as recommended by the Business Manager.

APPROPRIATIONS FOR THE THREE MONTHS ENDING JUNE 30, 1900.

Board expenses.....	\$1,000 00	
Salaries for instruction.....	36,000 00	
Salaries for services.....	6,000 00	
Buildings and grounds.....	1,000 00	
Fuel, lights and electric power.....	2,000 00	
Stationery, printing, etc.....	500 00	
Advertising and postage.....	500 00	
Repair shop.....	1,000 00	
Agricultural College.....	3,300 00	
Departments.....	500 00	
Laboratories.....	1,000 00	
Library and apparatus.....	50 00	
Incidentals.....	800 00	
Furniture and fixtures.....	500 00	
Heating apparatus.....	500 00	
Water supply.....	250 00	
Commencement.....	400 00	
Blue print room.....	200 00	
Interest, Edward Snyder fund.....	287 50	\$55,737 50
School of Pharmacy.....	\$3,000 00	
School of Medicine.....	2,300 00	
Agricultural Experiment Station.....	3,750 00	\$9,050 00
		\$64,787 50

A communication from Dr. Steele with regard to the adjustment of accounts between the University and the College of Medicine in accordance with the agreement recently adopted, was referred to Professor Shattuck with the request that he prepare and report to the next meeting of the Board a rule to govern the settlement.

The Secretary presented a letter which he had received from Mr. A. B. Hostetter, Secretary of the Illinois Farmers' Institute transmitting resolutions which had been adopted by the Institute with regard to salaries in the Agricultural College and to legislative aid for the Agricultural Experiment Station; also resolutions passed by the Illinois Association of Domestic Science, and endorsed by the Illinois Farmers' Institute, with regard to the establishment of a department of domestic science in the University. These resolutions were read and the Secretary was ordered to place them on file and to acknowledge their receipt to Mr. Hostetter.

Mr. Nightingale offered the following resolution which was adopted:

## SALARIES.

*Resolved*, That the Committee on Instruction be directed to take into consideration the schedule of salaries now in force in the University and the principles on which it is based as compared with that of similar institutions and to report when practicable, any changes that would seem to be just and for the best interests of the University.

The Board adjourned to meet at 1:30 p. m.

## AFTERNOON SESSION, MARCH 13, 1900.

When the Board met pursuant to adjournment the same members were present as in the forenoon. Mr. Smith came in later.

## UNIFORMS.

The Secretary presented a schedule of the bids to furnish uniforms for the cadets of the University battalion and the members of the Military band which had been, by direction of the Board, prepared by a special committee, Professor Shattuck and Captain Clark. The schedule was read and referred back to the special committee with the request that the committee examine the bids carefully and report to the Board at its next meeting which bid, if any, it would be advisable for the Board to accept.

The consideration of Mrs. Carriel's motion regarding Professor Holden's resignation having been resumed, Mr. Bayliss moved as a substitute the recommendation of President Draper's communication.

The motion was lost on the following vote: Ayes, Messrs. Bayliss, McLean, Bullard and Mrs. Flower; noes, Messrs. McKay, Hatch and Nightingale, and Mrs. Carriel and Mrs. Abbott; absent, Governor Tanner and Messrs. Fulkerson and Smith.

Mr. Bayliss then moved to strike out of the pending motion the last clause with regard to salary.

This motion was lost by the following vote: Ayes, Messrs. Bayliss, McLean, Bullard, and Mrs. Flower; noes, Mrs. McKay, Hatch, and Nightingale and Mrs. Carriel and Mrs. Abbott; absent, Governor Tanner and Messrs. Fulkerson and Smith.

Mr. Bayliss then moved to refer the motion to the Committee on Instruction. Upon motion by Mr. McKay Mr. Bayliss's motion was laid upon the table.

Mrs. Carriel's motion was then adopted by the following vote: Ayes, Messrs. McKay, Hatch, and Nightingale and Mrs. Carriel and Mrs. Abbott; noes, Messrs. Bayliss, McLean, and Bullard and Mrs. Flower; absent, Governor Tanner and Messrs. Fulkerson and Smith.

The resignation of Professor Myers was then taken up and Mr. McKay and Mrs. Carriel were appointed a committee to see Professor Myers and ascertain whether or not he would remain with the University if his salary were made \$2,500.00 a year from September 1st, next. They having reported, after an interview with Professor Myers, that his resignation was final, the following resolution was adopted:



*Resolved*, That the recommendations of the President touching the resignation of Professor Myers be adopted; but that, in case Professor Myers shall prefer to sever his relations with the University July 1st next rather than remain and fill his place in the Summer Term, his resignation be accepted to take effect July 1, 1900.

A communication from the representatives of the Central Union Telephone Company was referred to President Draper and Professor Shattuck with the request that they have an interview with the local manager and report to the Board any proposition which they might receive from the company with regard to rendering the University the telephone service it needs.

A communication from Mrs. Elizabeth T. Gibbs with reference to conducting a lunch room was referred to the Committee on Students' Welfare.

A recess was taken to witness the unveiling of the mural paintings in the rotunda of the Library Building.

Upon reconvening the Board adjourned subject to the call of President McLean.

ALEXANDER McLEAN,  
*President.*

W. L. PILLSBURY,  
*Secretary.*

## MEETING OF APRIL 18, 1900.

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The following call for a special meeting of the Board of Trustees of the University of Illinois was issued April 11, 1900:

"Upon the call of the President, Mr. Alexander McLean, there will be a special meeting of the Board of Trustees of the University of Illinois at 9 o'clock a. m., Wednesday, April 18, 1900, at the Sherman House, Chicago, Illinois, to give authority for conferring degrees upon those students of the College of Medicine and the School of Pharmacy who complete their courses this month; to hear reports to be presented at this meeting (see page 340 of the minutes); and to transact such other business as may duly be presented."

Pursuant to the foregoing call the Board met at 9 o'clock a. m., Wednesday, April 18, 1900, at the Sherman House, Chicago, Illinois. The members of the Board present at this meeting were Messrs. Bullard, Hatch, McLean, Nightingale and Smith, and Mrs. Flower and Mrs. Abbott; those absent were Governor Tanner and Messrs. Bayliss, Fulkerson and McKay, and Mrs. Carriel. President Draper was also present.

### RECOMMENDATIONS FROM PRESIDENT DRAPER.

*To the Board of Trustees:*

I very respectfully submit the following recommendations:

1. That degrees be conferred upon the following named persons, as recommended by the faculty of the College of Medicine:

GRADUATES FOR 1900 OF THE COLLEGE OF PHYSICIANS AND SURGEONS OF CHICAGO, COLLEGE OF MEDICINE OF THE UNIVERSITY OF ILLINOIS.

### DEGREE OF M. D.

Archibald John Alcorn,  
Elmer K. Avery,  
Margaret McConnell Babcock.  
Edmund J. Ball,  
Edward Francis Besser.  
John Rasmussen Birkelund,  
Fred Curtis Blackwelder,  
Max Emanuel Bloch,  
Clyde Allison Boice,  
Arthur Gustavus Bosler,  
Arthur Bremken,  
Hadley Cyprian Brown,  
Edward Lawrence Burke,  
Clark Asahel Buswell, B. S.,  
William Wilson Cassidy,  
Elwin Otis Church,  
Marshall Grant Clancy,  
Orson Whitney Clark,  
Burton Robison Corbus,  
John Francis Crowley,  
John Thayer Culver, M. D.,

Asa Nathan DeVault, Ph. G.  
Charles Allen DeVoe,  
Felix Albert Dolan,  
Joseph Patrick Donovan,  
Guy Grigsby Dowdall, B. L.,  
William Francis Dryden,  
Ora Berton Dunham,  
Robert Jones Dysart, A. B.,  
Calvin Sylvester Early, B.S. Ph. G.,  
Sara Thomas Elliot,  
Nellie C. Flint, B. S., M. D.,  
George Albert Flippin,  
John Peter Freeman,  
Roe George Gale, M. D.,  
Edward Arthur Gansel,  
Abel Benson George,  
Clifford Freeman Gilmore, B. S.,  
Henry French Goodwin, A. B.,  
Sara Elaine Greenfield, A. B.,  
Wendell B. Grinnell,  
Louis Joseph Halloin,

Howard Brownslee Hamilton, A. B.,  
 Wilbur S. Hamilton, M. D.,  
 Robert Roy Hampton,  
 Henry George Hart,  
 Clarence Wright Heath, B. L.,  
 Robert Bruce Hixson,  
 Edward Percival Hummel,  
 Everett May Hurst,  
 Edward Everett Hyde, A. B.,  
 Siegfried Jakubowski,  
 James Arthur Jennings, M. D.,  
 Robert Moore Johnston, A. B.,  
 Guy Henry Just,  
 Alonzo Blackburn Kirk,  
 Frederick Peter Knauf,  
 George John Laben, B. S.,  
 Bernard Luehrsmann,  
 John William McConnell,  
 Olin McCormick,  
 Walter Robert McCray, Ph. G.,  
 Ada Luella Malick,  
 Eanest Edward Martin,  
 Vandy Frank Masiko,  
 Harry Philson Mason,  
 John Joseph Meany,  
 John Earl Meloy,  
 Irvin Wagner Metz, A. B.,  
 John Henry Meyhaus,  
 Bernard Miller,  
 Gustav August Miller,  
 William Denton Milroy, A. B.,  
 Paul Stafford Mitchell, M. D.,  
 William Nelson Moffett, B. S.,  
 Gustav Herman Moldenhauer,  
 Richard Charles Monahan,  
 Lewis Moody, A. B.,  
 Emma Nevins Morgan,  
 Carl George Muehlmann, Ph. G.,  
 Frank Emil Nagel,  
 George Frederick Niblock, A. B.,  
 Edwin Henry Newbold, M. D.,  
 William Jacob Nier,  
 Soren Saalheim Norsman,  
 Francis Elbert North,  
 Charles Homer Newell, M. D.,  
 John Christopher O'Day,

Antonio Frederico Odoardo,  
 Claude Fenton Osborne,  
 Ralph Fleetwood Palmer,  
 William Edward Patterson,  
 James Mathew Phalen, Ph. G.,  
 Dyre Henry Pelletier,  
 Walter Jewett Pinkerton,  
 Vaclav Podstata, M. D.,  
 Ward Elverton Potter, Ph. G.,  
 Harry Edward Purcell,  
 Arthur Jacob Richter,  
 Jesse Samuel Rinehart,  
 Henry Joseph Rock, B. S.,  
 Felix Rose,  
 Chandler Preston Runyan,  
 Bayard Edward Ryder,  
 Frank Loring Sargeant,  
 Franklin Wesley Sassamann, M. D.,  
 Robert David Scott, Ph. G.,  
 George Lucien Sears,  
 Louis DeLos Sheppard,  
 Arthur William Sieker, A. B.,  
 Seth Marian Billings Smith,  
 Antoine Augustus Sornsen, M. D.,  
 Robert Thomas Spain, Ph. G.,  
 Max Staehle,  
 Elmer Louis Syverson, B. L.,  
 Roland Bert Taber, Ph. G.,  
 Rudolph Freimuth Teschan,  
 James Raymond Thompson,  
 Samuel James Torney,  
 Henry Edward Twohig,  
 Earle Henry Tyson,  
 Henry Ansel Vincent,  
 Charles Bernard Voigt,  
 Carl Voss, A. B.,  
 Charles Delamere Wall,  
 John Weatherston, C. E.,  
 Theodore Campbell West,  
 Joseph Emanuel Westerlund, A. B.,  
 John West Wilson, M. D.,  
 W. Weir Wood,  
 Erwin Wendell Woodford,  
 John Henry Zelowski, Ph. G.,  
 Julius Rudolph Yung,  
 Joseph Pius Zaleski, Ph. G.

## AD EUMDEM DEGREE.

Dr. George F. Butler, Chicago.

## HONORARY DEGREE.

Dr. Victor C. Vaughan, Ann Arbor, Mich.,      Dr. Wm. E. Quine, Chicago,  
 Dr. John B. Murphy, Chicago.

and that degrees be conferred upon the following named persons, as recommended by the Faculty of the School of Pharmacy:

## GRADUATES FOR 1900 OF THE SCHOOL OF PHARMACY.

## DEGREE OF PH. G.

John William Alexander,  
 Almond Clifford Arnold,  
 Moses Barnett,  
 Rudolph Siegfried Boehm,  
 Walter Caron,  
 William Henry Daily,  
 Raymond August von Danden,  
 Leonard Watkins Davis,  
 T. Guthred Drake,  
 Fred Henry Drallmeir,  
 Irving Lewis Emerson,  
 Arthur S. Gillette,  
 William Rice Graham,  
 Walter Holderread,  
 Gilbert Houseman,  
 Abraham Arthur Jackola,  
 Clarence Lorenzo James,  
 William Leonard Jansen,  
 John August Johnson,

George Arthur Kiedaisch,  
 Anton Kucera,  
 John Whitaker Lawrence,  
 Joseph Matthew Lestina,  
 George Henry Paul,  
 Fred Horace Priest,  
 William Ernest Rose,  
 Louis Schreiber,  
 Lee Kleinert Solomon,  
 Alfred Wenzel Stamm,  
 George Edward Steyer,  
 Charlotte Elizabeth Stimson,  
 Alfred Reuben Utt,  
 Philip Darius Vincent,  
 Alverson Frank Warhanik,  
 Charles Jeremiah Webster,  
 Alfred Tennyson Weible,  
 Walter Henry Wellman.

2. That the teachers in the summer term be paid as follows, viz.: *Professors*, the sum of two hundred and fifty (\$250.00) dollars for the term; *Associate* and *Assistant Professors*, the sum of two hundred (\$200.00) dollars for the term.

*Instructors* and *Assistants*, the sum of one hundred and twenty (\$120.00) dollars for the term.

In the cases of Professor Forbes and Professor Meyers, who can give but a portion of their time to the work, it is recommended that they be paid the full amount of their rank and that they settle with their personal assistants, Kufoid in one case and Mr. Short in the other.

3. That the sum of one hundred (\$100.00) dollars, or as much as may be necessary, be appropriated to meet any deficiency which may arise in the amount heretofore appropriated for the expense of lectures; and that the sum of one hundred (\$100.00) dollars, or as much as may be necessary, be appropriated to meet any deficiency in the incidental expenses of the department of music.

4. In September, 1896, the University purchased from the Clayton F. Summy Company, of Chicago, a Chickering grand piano, for which it paid six hundred (\$600.00) dollars and received a guaranty for five years. The piano has not given satisfaction and will not remain in tune more than ten days at a time. The sellers have been asked to make the guaranty good, but have refused to do so although they have made some propositions concerning the disposition of the instrument. It will be necessary to do something about the matter, for there seems no doubt that the instrument will have to be replaced. I therefore recommend that I be authorized to take any action in the premises which may seem for the best interests of the University.

5. A movement has started among the residents on Green street in Urbana for sprinkling that street during the months from May 1st to October 1st. Many have joined in it and would like to have the University become a party to the arrangement. The contractor proposes to sprinkle Green street through the University grounds, and Burrill avenue from University Hall to the Armory, for the sum of one hundred (\$100.00) dollars for the five months. This raises the question as to what the University policy should be. We do not want to fail to cooperate with our neighbors in any laudable public enterprise, but it is a question whether we should not do this work on our own account. Our grounds will need sprinkling beyond the limits suggested by this contract. Our roadways south of University Hall might be sprinkled in the summer time to good advantage. We have the man and the team to do this work, and if we had the sprinkling cart it could be done as an incident to the general work upon our grounds. I am inclined to think that it would be better to put the money into the necessary equipment than to pay it to an outside contractor, and with this suggestion I submit the matter to the Board for its determination.

6. At the last meeting of the Board it was voted not to accept the resignation of Professor Holden which had been tendered, but rather to give him a leave of absence until September 1st, and to increase his salary to two thousand five hundred (\$2,500.00) dollars from that time. Soon after the meeting Professor Holden called upon me in reference to the matter and said that he was not ready to say what he would do, but that he did not expect to accept the proposition of the Board. He has not yet given any decisive answer, and I think the case calls for further and immediate action by the Board. Many salaries of professors are inadequate to the services rendered. This is not regarded as an injustice so long as they are paid with relative fairness and as much as the revenues will allow. When one is paid much more than other men of much more elaborate and costly training and much more successful experience in university work can hope to receive for a number of years at least, it is unjust and is so regarded. Moreover, under the present conditions in this case, the University is prevented from taking steps to fill the position if it is to become vacant. The position is important, men adapted to it are scarce, and every day of inaction at this time of the year seriously prejudices our interests. Furthermore, I shall not hesitate to say that in my opinion the reasons are abundant why Professor Holden should not return to the University. I therefore recommend that the action of the Board at its last regular meeting, referring to him, be rescinded and that his resignation be accepted.

7. At the March meeting of the Board, Doctor Thaddeus L. Bolton, of the University of Nebraska, was, upon my recommendation, elected instructor in experimental psychology. Before the recommendation was made I had, in writing, a definite assurance from Dr. Bolton that he would accept upon the terms proposed. After the election I advised him of the same and received from him another assurance that he would accept when the official notice was received. When it was received he held it for some time and then advised the Registrar that he declined the same because the University of Nebraska had offered him sufficient increase in salary to induce him to do so. It is needless to say that I think his course highly dishonorable.

Just after the election of Dr. Bolton I received a letter from Dr. Edwin Grant Dexter, professor-elect of pedagogy, asking whether it would not be well to leave the position in psychology vacant for a year, until he should be on the ground and we could act more advisedly about the matter. Dr. Dexter is himself a psychologist of excellent training and no little experience. Under the circumstances, therefore, and in view of the low state of University funds, I think it well to adopt the suggestion.

A. S. DRAPER,  
*President.*

Action was taken upon these recommendations as follows:

1. Authority was given to confer degrees as recommended by the Faculty of the College of Medicine and the degree of Ph. G. upon the persons recommended by the Faculty of the School of Pharmacy.
2. Adopted.
3. Appropriations were made as recommended.
4. Authority was given President Draper to adjust matters with the Clayton F. Summy Co., of Chicago.
5. It was voted that it would be the sounder policy for the University to attend to such business on its own account.
6. The recommendation was adopted and Professor P. G. Holden's resignation of the professorship of agronomy was accepted to take effect, according to its terms, March 1, 1900.
7. Adopted.

Upon the recommendation of President Draper, Miss Isabel Bevier was appointed professor of household science at a salary of \$1,500.00 a year and Miss Elizabeth Sprague instructor in household science at a salary of \$800.00 for ten months, these appointments to go into effect September 1, 1900.

The Business Manager was instructed to make a contract with Mrs. Elizabeth Gibbs for conducting the University lunch room.

#### STANDING COMMITTEES.

The President of the Board announced standing committees for the year as follows:

*Agriculture*—Fulkerson, Chairman; Hatch, McKay, Abbott.

*Buildings and Grounds*—Bullard, Chairman; Smith, Carriel Nightingale, Flower.

*Finance*—McKay, Chairman; Nightingale, Smith.

*Instruction*—Flower, Chairman; Nightingale, Hatch, Bayliss, Carriel.

*Publication*—Smith, Chairman; Abbott, Bullard.

*Library*—Nightingale, Chairman; Carriel, Smith, Hatch, Bayliss.

*Students' Welfare*—Carriel, Chairman; Flower, Bullard.

*School of Pharmacy*—Hatch, Chairman; Abbott, Flower, Bayliss, Carriel.

*School of Medicine*—Nightingale, Chairman; Smith, McKay, Bullard, Flower.

The Secretary presented Mr. Fulkerson's request that Mr. J. F. Prather, of Williamsville, Illinois, be appointed to represent the Illinois State Board of Agriculture upon the Advisory Board of our Agricultural Experiment Station, and it was so ordered.

The following report was received from the Committee on Finance and was approved for record:

URBANA, ILL., March 24, 1900.

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

Your Finance Committee begs leave to report that it has examined the vouchers for the quarter ending December 31, 1899, submitted by the Business Manager, on which warrants have been issued, as follows:

General University, Nos. 676 to 1625 inclusive.....	\$90,395 91
Agricultural Experiment Station, Nos. 76 to 159 inclusive.....	3,747 90
School of Pharmacy, Nos. 16 to 75 inclusive.....	4,098 60
School of Medicine, Nos. 140 to 350 inclusive.....	17,988 21
Total.....	\$116,230 62

We have also examined the receipted vouchers reported missing, Dec. 19, 1899, except Nos. 142 and 228 not yet presented, as follows:

<i>Agricultural Experiment Station—</i>	
No. 474—J. P. Myers.....	\$30 00
<i>School of Medicine—</i>	
No. 414—Stanford Seqnoia.....	12 00
No. 543—Fred C. Zapffe.....	45 00
No. 544—F. Baumann.....	50 00
No. 564—W. S. Christopher.....	9 39
No. 595—Oscar A. King.....	10 16
No. 622—W. B. Martin.....	5 00

We find that the vouchers for the quarter ending December 31, 1899, and those previously reported missing, to be duly receipted and in proper form.

We have examined the financial reports of the Illinois State Laboratory of Natural History for the quarters ending September 30, 1899, and December 31, 1899, and have found them correct.

We have examined the Treasurer's report for the quarter ending December 31, 1899, and have found it correct.

Respectfully submitted,

F. M. MCKAY,  
A. F. NIGHTINGALE,  
T. J. SMITH,

*Committee on Finance.*

#### FEES IN THE COLLEGE OF MEDICINE.

The following communication, received from the Secretary of the Executive Faculty of the College of Medicine, was referred to President Draper, and, upon his recommendation, was approved.

CHICAGO, March 17, 1900.

*Mr. W. L. Pillsbury, Registrar, University of Illinois, Champaign, Ill.*

DEAR SIR: At a meeting of the Executive Faculty of the College of Medicine of the University of Illinois held March 13th, the Faculty recommended to the Board of Trustees of the University the following schedule of fees for the College:

Matriculation fee, payable annually.....	\$5 00
Tuition fee, for each term.....	55 00
Breakage deposit, for each term.....	10 00
Maternity hospital fee, senior year.....	10 00

These fees practically present no change from the fees previously prevailing. Two terms constitute a year's work, so that the tuition fee is made \$110.00 a year instead of \$105.00 as heretofore. The breakage deposit has been heretofore \$25.00 a year in the Freshman and Sophomore years, nothing in the Junior and Senior years. It is now made \$20.00 a year, that is, for two terms, throughout the four years.

Yours truly,

WM. ALLEN PUSEY,

*Secretary.*

## AGRICULTURAL BUILDINGS.

The Committee on Buildings and Grounds made the following report, which was adopted:

URBANA, ILLINOIS, March 12, 1900.

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

Your Committee on Buildings and Grounds reports as to progress in the construction of the new buildings, that work has gone on during the winter as fast as practicable in cold weather.

Your Committee authorized some changes in the dairy building which the instructors in that department considered necessary to its proper and successful operation. These changes were inconsiderable and the additional cost is \$352.75.

Because of action taken by the Board at the December meeting and subsequently at the meeting of January 10, 1900, your Committee has been careful to inquire as to the necessity of these changes before authorizing them and they have been made in the belief that the interests of the dairy department will be promoted thereby. There has been a considerable saving from the amount of the original contract, and as the additional expense here authorized has not been equal to the saving, we have not, as yet, exceeded the amount of our contract.

We attach hereto the report of the architect, Mr. J. C. Llewellyn, and ask that it be printed as part of our report.

Respectfully submitted,

S. A. BULLARD,

*Chairman of Committee on Buildings and Grounds.*

CHICAGO, ILLINOIS, March 9, 1900.

*Mr. S. A. Bullard, Chairman of Committee on Buildings and Grounds.*

DEAR SIR: Below please find a statement of progress of the work on the agricultural buildings and the amount expended on the same up to February 28, 1900.

Since my statement to you December 11, 1899, work has been carried forward as rapidly as the weather permitted, the work being done with the temperature below twenty degrees. Bad weather interfered with the work very much during February.

At the present time the walls of D and C buildings are well advanced and workmen are setting the cornice on D.

The walls of A building are up to the level of the window sills or top of stone die course.

The cut stone work, with the exception of the ashlar of areas, is practically complete.

Material is on the ground and with good weather, work should move rapidly from this time on.

Below I hand you statements on which the last certificates were based:

#### GENERAL CONTRACT.

##### *Completed work—*

Excavation, 3,350 cubic yards at 20 cents a yard.....	\$87 00
Common brick in cement, 432,600 at \$11.00.....	4,758 63
Common brick in lime, 335,000 at \$10.00.....	3,350 00
Concrete footings, 7,850 cubic feet at 20 cents.....	1,570 00
Cement plaster on walls, 3,650 square feet at 2 cents.....	173 00
Cut stone set, 3,970 cubic feet at \$1.25.....	4,962 50
Face brick laid, 69,500 at \$18.00.....	1,251 00
Framing lumber erected, 11,170 feet at \$28.00.....	312 76
Framing lumber erected, 18,300 feet at \$26.00.....	475 80
Flooring laid, 25,700 feet at \$26.80.....	688 20
Terra cotta.....	300 00
<b>Total.....</b>	<b>\$17,888 86</b>

##### *Material stored on ground—*

Common brick, 271,000 at \$6.25.....	\$1,693 75
Face brick, 78,000 at \$13.00.....	1,014 00
Pressed brick, 11,000 at \$15.00.....	165 00
Enameled brick, 9,000 at \$60.00.....	540 00
Cut stone, 300 cubic feet at \$1.10.....	330 00
Framing timber, 2 inch stuff, 36,000 feet at \$18.00.....	648 00
Framing timber (heart), 87,500 feet at \$20.00.....	1,750 00
Framing timber, 18,000 feet at \$18.00.....	324 00
Cast iron—part erected—60,000 pounds at 2½ cents.....	1,500 00
Wrought iron—part erected—142,000 pounds at 4 cents.....	5,680 00
Sheathing, ⅞ inch M. W. pine, 35,000 feet at \$20.00.....	700 00
Mill work frames, 370 at \$3.00.....	1,110 00
Tunnel as per former estimate.....	2,842 53
	<b>\$18,297 28</b>

Completed work and material on grounds..... **\$36,186 14**

#### PLUMBING.

Completed work as per statement of January 3rd.....	\$720 40
Pipe, etc., delivered as per statement of January 3rd.....	3,386 03
Freight and cartage.....	103 37
Pipe fittings, etc., as per invoice of same.....	324 26
	<b>\$4,534 06</b>

#### HEATING.

Thirty-two cold air boxes and faces.....	\$72 00
Seventy-five pipe rests, etc., \$3.08.....	231 00
	<b>\$303 00</b>



A summary of the above statements will show that there has been allowed for

<i>Completed work—</i>	
On general contract.....	\$17,888 86
Heating (pipe supports, etc.) .....	303 00
Plumbing and sewers.....	720 40
Tunnel.....	2,842 53
	<u>\$21,754 79</u>
<i>Material on the ground—</i>	
General contract.....	\$15,454 75
Plumbing.....	3,813 66
	<u>\$19,268 41</u>
Total completed work and material on the ground.....	<u>\$41,023 20</u>
On which certificates have been issued to the amount.....	<u>\$34,869 72</u>
Leaving 15 per cent retained .....	<u>\$6,153 48</u>

The following changes in contract have been made in the form of additions:

For extra depth of foundation owing to quick-sand.....	\$65 75
Authorized changes in B building .....	352 75
Total.....	<u>\$418 50</u>
To offset this there is a credit on account of change in cement for brick walls of basement for .....	<u>\$285 00</u>

This was allowed as you know because of scarcity in the brands specified and to avoid delay:

There will also be a credit on the tunnel which is not adjusted of about .....	\$500 00
And on steam pipes, etc., in tunnel of about .....	500 00
Or a total reduction approximating.....	<u>1,275 00</u>

Notice of these changes has been given to the Surety Company.

Respectfully submitted,

J. C. LLEWELLYN.

#### CHANGES AND IMPROVEMENTS.

The Committee on Buildings and Grounds made the following report, which was approved for record:

URBANA, ILLINOIS, March 12, 1900.

*To the Board of Trustees.*

Your Committee on Buildings and Grounds makes this report concerning matters referred to it to be performed during the last summer vacation and subsequently. Much of the work was not fully completed until this fall, and so your Committee has delayed its report until this time.

The roof of the Gymnasium was fixed by putting a composition roof over the old tin roof. This roof cost \$4.25 per square and is the best of its kind that is made. It has proved very satisfactory.

A coat of asbestos paint was put on the roof of the Armory. The roof is now in good condition and will last for some time longer, if decay from the under side of the tin does not develop rapidly.

The roof of University Hall has been treated with paint in the same manner. The exterior wood work of University Hall was repaired and improved and all repainted so that further decay and damage has been arrested and the building has been given a much better appearance.

The tower clock in University Hall has been cleaned and put in good condition; dials were repainted and lettered. This clock was first put in 21 years ago and has been doing service ever since. It was made at the University shops, by students, after a design by Professor S. W. Robinson, who was then in the chair of mechanical engineering. The clock was a gift of the graduating class of 1878. It is now in condition to continue its regular work for a good many years.

The Committee thought best to close with sash and glass the open ventilators in the forge shop. These have been put in, some of the sash being hung so that the shop could be easily ventilated. The result has been a much better condition for the men working in the shops during the cold weather. The floor of the forge shop has been largely made of vitrified brick and by this means is now kept dry where the men are working, while before it was damp and sometimes wet.

The walls of the forge shop, pattern room, and wood shop have been white-washed.

A few changes were made in the radiators of Engineering Hall so as to bring the apparatus to the highest efficiency, and the result has been satisfactory.

The creek east and west of the shop and south of the boiler house has been improved by having its banks partly walled up and its line somewhat straightened, and thus fixed so that it will carry off water much better than before. Our experience during the high water last spring has suggested this precaution.

Many minor improvements were made on the grounds and in several of the buildings during the summer and autumn.

The most notable, perhaps, was the laying of a large amount of cement walk. Walks have heretofore been laid by contract, and the cost has been 14 cts. per square foot. The work this year has been done by the day under the direction of the Superintendent of Buildings and Grounds. We were fortunate in having in our employ a man who was familiar with the making of concrete walks. He was made foreman of the labor gang. So far as we can see the walks put in by him are as good or better than any heretofore put down by contract, and they have cost the University about 11 cts. per square foot. Your Committee is of the opinion that it is best to have our walks laid in this manner hereafter, provided a man can be employed who has the requisite skill to take charge of their construction. We can then obtain the very best walks that can be made at their actual cost.

The President's house was repainted and redecorated during the vacation. This work was very much needed though the house is yet a new one.

The pavement on Burrill avenue from Green street to Springfield avenue was finished in the fall after the opening of the session. The curbing is the best form of concrete curbing used in the pavements of Champaign and Urbana, and the pavement the best form of brick pavement made with concrete foundation. The grade of the avenue was raised considerably immediately north and south of the bridge so that now it is above the walk running on the east side of the pavement. This is especially noticeable in front of the Electrical Laboratory. It may be necessary later to elevate the walk.

Improvements in Illinois Field have been made during the summer and fall and some work has been done during the winter. A considerable amount of cinders has been required for the construction of the track, and it was not possible to obtain at once all that were necessary. This lack has been the chief cause of delay. Drains have been laid which the Superintendent of Buildings and Grounds thinks sufficient to keep the field dry, though not so extensive as at first planned. If it become necessary, the drainage system can be extended hereafter and the new connected with the old so that all will be as complete when finished as if the work had been done at one time.

A track in Illinois Field has been put in, but it will require attention from time to time for several years in order that it may become a good track. It has already the necessary foundation so that all improvements made subsequently will be for permanency.

The improvements made in University Hall to prepare the east wing basement for lunch room purposes were undertaken and partially completed. The room has been put into good shape, and at the same time provision has been made for ventilating the auditorium above. Some partition doors must be put in and some other work must be done to complete the whole as planned; but this can be left for the next vacation if it be decided to open a lunch room. If it be determined not to do this, the room may be made serviceable for other purposes with but little additional expense. What has already been done would have been necessary to make the room useful for any purpose, so that there has been no loss or waste in the expense thus far made.

Respectfully submitted,

S. A. BULLARD,

*Chairman Committee on Buildings and Grounds.*

#### ADDITION TO HEATING PLANT.

Mr. Bullard moved that the Committee on Buildings and Grounds be instructed to purchase and install boilers and heating apparatus required for the new agricultural buildings, and that the sum of \$6,000.00 be appropriated therefor.

The proposition was referred to the Committee on Buildings and Grounds with power to act.

#### UNIFORMS.

The special committee appointed to obtain bids for furnishing uniforms for the University battalion made the following report:

UNIVERSITY OF ILLINOIS, April 17, 1900.

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

Pursuant to your directions of March 13, 1900, the undersigned beg leave to report as follows:

They recommend that the offer of Fred Kaufman, of Chicago, to furnish uniforms be accepted. His offer is the lowest of those received, is less than the price now paid, and the cloth called for is of much better grade than is now used.

Respectfully submitted,

S. W. SHATTUCK,  
D. H. CLARK,

*Committee.*

The recommendation of the committee was adopted and the Business Manager was authorized to make all necessary arrangements in order that the uniforms might be furnished in accordance with the proposition accepted.

#### SETTLEMENT WITH THE COLLEGE OF PHYSICIANS AND SURGEONS.

As instructed at the last meeting of the Board, the Business Manager, Professor S. W. Shattuck, presented the following recommendations with regard to a settlement with the College of Physicians and Surgeons under the present agreement:

UNIVERSITY OF ILLINOIS, APRIL 17, 1900.

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

GENTLEMEN: Pursuant to your directions I recommend the following rules in the settlement of the present agreement with the College of Physicians and Surgeons, which ends May 1, 1900, and the putting in force of the new one which begins on that date:

1. The Actuary of the College of Physicians and Surgeons, and the Business Manager of the University, shall audit the receipts and expenses of the School of Medicine of the University up to and including April 30, 1900.

2. The excess of receipts over expenses shall be paid to the College of Physicians and Surgeons if the inventory called for in rule five be accepted as meeting the requirements of the first lease.

3. All bills which may be presented after this settlement that belong to the operation of the School of Medicine under the lease that expires May 1, 1900, shall be audited and paid, if allowed, by the College of Physicians and Surgeons, and all receipts from accounts due for the same time are to be turned over to the College of Physicians and Surgeons; but it is understood that the fees from students for the session that begins in April of 1900, come under the new agreement.

4. The Treasurer of the University is hereby authorized to receive and receipt for the working fund of \$8,000.00 that is provided for in the new agreement, and this payment is to be made at the time that the payment of the excess of receipts over expenses is made.

5. An inventory of all the property corresponding to Schedule A of the lease ending May 1, 1900, in the possession of the School of Medicine on that date, shall be made by the Actuary, Dr. Steele, and the Business Manager of the University, in order to determine if such property meets the requirements of the lease.

6. The University and the College of Physicians and Surgeons shall place upon their records a statement to the effect that the requirements under the present lease have been complied with to the satisfaction of both parties.

Respectfully submitted,

S. W. SHATTUCK,

*Business Manager.*

The foregoing rules were adopted, and the Business Manager was instructed to make settlement with the College of Physicians and Surgeons in accordance therewith, and report the same to this Board. Authority was given to draw warrants as might be necessary to conclude the transaction.

President Draper was authorized to make search for a Professor of Agronomy, and to make an appointment before the next meeting, if necessary.

The proposition that has been received from the Central Union Telephone Company, was referred to Mr. Smith, with authority to make with the company the best terms possible for the service contemplated.

The Committee on Buildings and Grounds reported informally that a well had been sunk to the depth of 140 feet; that apparently

a good supply of water had been found, and that the Committee would have the well tested, both as to the quantity and the quality of the water.

Three hundred dollars was appropriated for advertising the School of Pharmacy, and \$300.00 for printing the annual announcement.

The Board adjourned.

ALEXANDER MCLEAN,  
*President.*

W. L. PILLSBURY,  
*Secretary.*

## MEETING OF JUNE 12, 1900.

The Board of Trustees of the University of Illinois met in the Trustees' room, Library building, Urbana, Illinois, at 9 o'clock a. m., Tuesday, June 12, 1900.

The members of the Board present were Messrs. Bayliss, Bullard, Hatch, McKay, McLean, Smith and Mrs. Flower and Mrs. Abbott; those absent were Governor Tanner and Messrs. Fulkerson and Nightingale and Mrs. Carriel.

The minutes of the meetings of the Board held March 13, 1900, and April 18, 1900, were approved as submitted by the Secretary.

## COMMUNICATION FROM PRESIDENT DRAPER.

University of Illinois, June 12, 1900.

*To the Board of Trustees.*

I transmit herewith the list of graduates recommended by the General Faculty for degrees as indicated:

## GRADUATES OF 1900.

College of Literature and Arts.

Degree of Bachelor of Arts.

*In Specialized Courses, Theses required.*

Edith Page Bennett,  
Robert Oscar Busey,

Lydia Maria Mather,  
William Gay Palmer,  
Seth Fields VanPatten.

*In General Courses, Theses not required.*

Harriet Elizabeth Ashley,  
Jessie Jane Bullock,  
John Kenyon Bush,  
Bruce Alexander Campbell,  
Clyde Capron,  
George Alexander Darmer,  
Frank D. Francis,  
Hugh Joseph Graham,  
Elizabeth T. Hall,  
John Calvin Hall,  
John Edward Hannan,  
Oliver Albert Harker, Jr.,  
Nancy Emma Hartrick,  
David Hasselton Harts, Jr.,  
Zella Bernice Hayes,  
Thomas Moulton Headen,

Clarence Wilbert Hughes,  
George Thomas Jordan,  
James Piatt Kratz,  
Nellie Louise McWilliams,  
Fred Earle Newton,  
Cornelius James Peeples,  
Arthur Clifford Quisenberry,  
Neal Daniel Beardon,  
Edna Almira Rugg,  
A. B., (Portland University), 1898,  
Charles A. Ryburn,  
Benjamin Harrison Scudder,  
William Walter Smith,  
George Henry Thompson,  
Harvey Edgerton Wood,  
William Francis Woods.

College of Engineering.

Degree of Bachelor of Science.

*In Architecture.*

William J. Brown,  
Walter Samuel Church,  
William Grant Foster,  
Edward George Hines,

George Frank Kepler,  
Raymond Craver Ricker,  
Harry Roberts Temple,  
Raymond Sly Wiley.

*In Architectural Engineering.*

Robert Grant Holabird.

*In Civil Engineering.*

Joseph Maria Alarco,  
Jerome Gustav Appelquist,  
Clarence LeRoy Eddy,  
William Albert Hawley,  
Benjamin Franklin Krahle,

Alfred Leonard Kuehn,  
Howard Van Reed Maury,  
Roy Harley Slocum,  
Benjamin Benton Stakemiller,  
Otto Charles Wehrstedt,

*In Electrical Engineering.*

Bertrand Buhre Abry,  
Elmer Burroughs,  
Robert Gray,  
Robert Gerald Pettinger,

Guy Richardson Radley,  
Fred William Reimers,  
Walter Simeon Tyler,  
George Thomas Henry Wray.

*In Mechanical Engineering.*

Stanislaw Dowiat,  
Charles Sunderland Johnson,  
Henry Ezra Keeney,  
Julian Lisiecki Lee,  
Edwin Lyman Mayall,

Earle Royal Pollard,  
George Russell Smith,  
Harvey Allen Soverhill,  
Frank Asbury Strout,  
John Charles Thorpe.

*In Municipal and Sanitary Engineering.*

Theodore Clifford Phillips,

Edward John Snyder.

College of Science.

Degree of Bachelor of Science.

*In Specialized Courses, Theses required.**In Chemistry.*

Harry Hasson,  
Arthur Russell Johnston.

Charles Louis Logue,  
Stillwell Frederick Merrill,  
Edward Brigham Safford.

*In Mathematics and Physics.*

Ernest William Ponzer.

*In Natural Science.*

George Gibbs, Jr.,

Marie L. Waldo.

*In General Courses, Theses not required.**In Natural Science.*

Burton Robison Corbus, M. D.,  
John William Fisher,  
Harry Bert Fox,  
Harry Eben Freeman,  
Rachelle Margeret Hanson,  
Asa Baird Kirkpatrick,  
Jennie Mary Latzer,

John Oscar Langman,  
Marion Michael Null,  
William Hoover Owens,  
Chessley Justin Posey,  
William Emilius Praeger,  
Carl John Frederick Rochow,  
Martha Deette Rolfe,  
Clifford Willis.

*In Philosophy.*

Eugene Irving Burke.

College of Agriculture.

Degree of Bachelor of Science.

Ernest Thompson Robbins,

Lloyd Silas Robertson.

## School of Library Science.

Sarah Ambler, M. S.,  
 (Iowa Wesleyan Univ.), 1885,  
 Florence Maria Beck,  
 Elizabeth Branch,  
 Linda Marie Clatworthy,  
 Pauline Gunthorp, B. L.,  
 (Univ. of Wisconsin), 1893,  
 Georgetta Haven,  
 Ida Louise Jackman,  
 Torstein Jahr, A. B.,  
 (Norwegian Luth. Coll., Ia.), 1896,  
 Olive Clarice Lathrop,  
 Anna May Price,  
 Helen Louise Price,  
 Mrs. Adele Cooper Reed,

## Degree of Bachelor of Library Science.

Delia Cleora Sanford,  
 Ida Estelle Sawyer, Ph. B.,  
 (Northwestern Univ.), 1896,  
 Minnie Earl Sears, M. S.,  
 (Purdue Univ.), 1894,  
 Blanche Seeley, B. L.,  
 (Univ. of Minn.), 1896,  
 Gertrude Shawhan, B. L., 1894,  
 Mabel Claire Shrum,  
 Adam Julius Strohm,  
 Caroline Wandell,  
 Willard Otis Waters, A. B.,  
 (Benzonia Coll.), 1896,  
 Maybelle Gay West, B. L., (Knox Coll.), 1894,  
 Lucy Bertha Ely Willcox.

## College of Law.

Otto C. Adams,  
 Zion Frost Baker,  
 George Francis Barrett,  
 Hobart Sherman Boyd,  
 Fred Worth Cooper,  
 William John Dolan,  
 Oliver Kinsey Doney,  
 Horace Raymond Dougherty, A. B.,  
 (Univ. of Chicago), 1896,  
 William John Fulton, A. B., 1898,  
 Leslie Leland Glenn,  
 Otis Ferguson Glenn,  
 Harry Altman Grossberg,  
 Margaret Adele Ketchum,

## Degree of Bachelor of Laws.

Fred Hutchinson May,  
 Albert Danforth Mulliken,  
 Samuel Ostrowski,  
 Charles Churchill Pickett, A. B.,  
 (Rochester Univ.), 1883,  
 Edward Melvin Rhodes,  
 Arthur Roe,  
 Elbert Mallary Rowland,  
 Louis Byron Saffer,  
 Peter Philip Schaefer,  
 Charles Wesley Tooke, A. M.,  
 (Syracuse Univ.), 1893,  
 John Howard Trevett,  
 Chester S. VanBrundt,

Adolph Henry Wesemann.

## Graduate School.

## Masters' Degrees.

*Degree of Master of Arts.*

Margaret Henrietta Johanne Lampe, A. B., Marion Emeline Sparks, A. B., 1895, B. L. S.,  
 1897.  
 Arthur Elijah Paine, A. B., 1899,  
 Hadley Winfield Quintance, A. B., Charles Jefferson Waits, A. B.,  
 (Univ. of Kansas), 1896, (Indiana Univ.), 1894.

*Degree of Master of Letters.*

George Henry Campbell, B. L., 1895.

*Degree of Master of Architecture.*

Ralph Wilson Weirick, B. S., 1899.

*Degree of Civil Engineer.*

Milo Smith Ketchum, B. S., 1895,

Richard Bird Ketchum, B. S., 1896.

*Degree of Electrical Engineer.*

William Frederick Schulz, Diploma in E. E., (Johns Hopkins Univ.), 1893.

*Degree of Mechanical Engineer.*

George Alfred Goodenough, B. S.,  
 (Mich. Agricultural Coll.), 1891,

Oscar Adolph Leutwiler, B. S., 1899.

*Degree of Master of Science.*

Fritz Conrad Koch, B. S., 1899,  
 John Albert Latzer, B. S., 1899,  
 William Priestly McCartney, B. S., 1893,

Edward Lawrence Milne, B. S., 1896,  
 Grace Lillian Moore, B. S., 1895,  
 Horace Chamberlain Porter, A. B., 1897; B. S.  
 1899.



## COMMISSIONS IN ILLINOIS NATIONAL GUARD.

Jerome Gustav Applequist,  
Clarence LeRoy Eddy,  
William Grant Foster,  
William Albert Hawley,  
Edward George Hines,

James Piatt Kratz,  
Charles Lewis Logue,  
William Gay Palmer,  
George Russell Smith,  
Raymond Sly Wiley.

It was ordered that the degrees be conferred at commencement as recommended by the Faculty.

I respectfully make the following recommendations touching the corps of instruction for the next year:

## DEANS.

That the deans of the several colleges and of the woman's department be reappointed.

This recommendation was, after discussion, made a special order for four o'clock p. m.

## APPOINTMENTS OF NEW PROFESSORS.

That Cyril George Hopkins be appointed Professor of Agronomy in the College of Agriculture, and Specialist in Agronomy at the Agricultural Experiment Station, at a salary of \$1,800.00 a year, one-half to be paid by the University and one-half by the Experiment Station.

Appointment made as recommended.

## CHANGES IN PROFESSORSHIPS AND SALARIES.

1. That the salary of Joseph Cullen Blair, Assistant Professor of Horticulture, be \$1,600.00 a year, one-half to be paid by the University and one-half by the Experiment Station.

2. That the salary of George Alfred Goodenough, Assistant Professor of Mechanical Engineering, be \$1,800.00 a year.

3. That the salary of Alison Marion Fernie, Professor of Vocal Music, be \$1,800.00 a year.

4. I herewith transmit the resignation of Maude Wheeler Straight, as Assistant Professor of Library Economy, to take effect September 1, 1900, and recommend that it be accepted.

5. That the salary of Edgar J. Townsend, Associate Professor of Mathematics, who has been absent two years on leave for study in Europe, but who will return at the beginning of the next University year, be \$1,800.00 a year.

6. That the salary of Jacob Kinzer Shell, Professor of Physical Training, and Director of the Men's Gymnasium, be \$2,000.00 a year.

7. That the salary of Charles Wesley Tooke, Professor of Public Law and Administration, be \$1,450.00 a year.

8. That the salary of Arthur Hill Daniels, Professor of Philosophy, be \$1,450.00 a year.

9. That the salary of Seth Justin Temple, Assistant Professor of Architecture, be \$1,400.00 a year.

10. That the salary of George Henry Meyer, Assistant Professor of the German Language and Literature, be \$1,200.00 a year.

11. That the salary of Thomas Arkle Clark, Professor of Rhetoric, be \$1,800.00 a year.

12. That the salary of James McLaren White, Associate Professor of Architecture, be \$1,900.00 a year.

13. That the salary of Harry Sands Grindley, Associate Professor of Chemistry, be \$1,600.00 a year.

14. That the salary of Fred Anson Sager, Assistant Professor of Physics, be \$1,300.00 a year.

15. That the salary of Frank Smith, Assistant Professor of Zoölogy, be \$1,500.00 a year.

16. That the salary of Cyrus Daniel McLane, Assistant Professor of Architectural Construction, be \$1,300.00 a year.

17. That the salary of James David Phillips, Assistant Professor of General Engineering Drawing, be \$1,100.00 a year.

18. That the salary of Oscar Quick, Assistant Professor of Physics, be \$1,100.00 a year.

19. That the salary of Daniel Kilham Dodge, Professor of the English Language and Literature, be \$2,100.00 a year.

20. A year ago, Captain Dillard H. Clark, of the retired list of the army, was detailed as Professor of Military Science and Tactics at the University. The agreement was that we should pay him the difference between his pay as a captain on the retired list and a captain in active service. We were also to pay him what would cover the term fees of such of his children as received instruction here. After the detail the government decided that he would be entitled to receive from the government the pay of a captain on the active list. This we held to relieve us to that extent. He accepted this until recently, when he has insisted that if he is to remain we should pay him the full amount as though he did not receive it from the government. I have not been willing to acquiesce in this, and he has expressed his disinclination to remain unless it was done.

I therefore submit the matter to the consideration of the Board, with the recommendation that we take steps to procure a new detail.

Recommendations Nos. 1 to 19, inclusive, were adopted.

With regard to No. 20, President Draper was authorized to arrange with Captain Clark to continue upon the same terms as heretofore.

#### INSTRUCTORS.

1. That Wilber John Frazer be re-appointed Instructor in Dairy Husbandry at \$1,200.00 a year, one-half to be paid by the University and one-half by the Experiment Station.

2. That William John Kennedy be re-appointed Instructor in Animal Husbandry at \$1,200.00 a year.

3. That Hugh Elmer Ward be re-appointed Instructor in Soil Physics at a salary of \$1,200.00 a year.

4. That Oscar Erf be re-appointed Instructor in Dairy Husbandry at a salary of \$1,200.00 a year.

5. That John William Lloyd be re-appointed Instructor in Horticulture at a salary of \$1,100.00 a year.

6. That Archibald Dixon Shamel be appointed Instructor in Farm Crops at \$1,000.00 a year, one-half to be paid by the University and one-half by the Experiment Station.

7. That John Langley Sammis be appointed Instructor in Chemistry at \$85.00 per month for ten months.

8. That Fred Conrad Koch be appointed Instructor in Chemistry at \$70.00 per month for ten months.

9. That Alfred Leonard Kuehn be appointed Instructor in Civil Engineering at \$75.00 per month for ten months.

10. That Dwight T. Randall be appointed Instructor in Mechanical Engineering at \$75.00 per month for ten months.

11. That Hubert Vinton Carpenter be appointed Instructor in Physics at \$75.00 per month for ten months.

12. That William Charles Brenke be reappointed Instructor in Astronomy, to have charge of the Astronomical Observatory for the year, and also to assist in the Summer Term, at \$100.00 per month for twelve months, beginning July 1, 1900.

13. That Lucy Hamilton Carson be reappointed Instructor in English at \$75.00 per month for ten months.

14. That Matthew Brown Hammond be reappointed Instructor in Economics at \$95.00 per month for ten months.

15. That Henry Lawrence Schooncraft be reappointed Instructor in History at \$85.00 per month for ten months.

16. That Neal Conwell Brooks be reappointed Instructor in German at \$85.00 per month for ten months.

17. That Edward Lawrence Milne be reappointed Instructor in Mathematics at \$85.00 per month for ten months.

18. That Martha Jackson Kyle be reappointed Instructor in Rhetoric at \$75.00 per month for ten months.

19. That Henry Livingston Coar be reappointed Instructor in Mathematics at \$110.00 per month for ten months.

20. That Edward Charles Schmidt be reappointed Instructor in Railroad Engineering at \$100.00 per month for ten months.

21. That Edd Charles Oliver be reappointed Instructor in Mechanical Engineering at \$75.00 per month for ten months.

22. That William Alexander Adams be reappointed Instructor in Rhetoric and Public Speaking at \$110.00 per month for ten months.

23. That Emma Quinby Fuller be reappointed Instructor in Voice at \$70.00 per month for ten months.

24. That Edward John Lake be reappointed Instructor in Art and Design at \$100.00 per month for ten months.

25. That Ernest William Ponzer be appointed Instructor in Mathematics at \$75.00 per month for ten months.

26. That Justice W. Folsom be appointed Instructor in Entomology at \$100.00 per month for ten months.

27. That George Mellinger Holferty be reappointed Instructor in Botany at \$80.00 per month for ten months.

28. That Robert Louis Short be reappointed Instructor in Mathematics at \$100.00 per month for ten months.

29. That John Hancock McClellan be reappointed Instructor in Zoölogy at \$80.00 per month for ten months.

30. That Charles Thornton Wilder be reappointed Instructor in Photography, and in charge of the Blue Print Room, at \$90.00 per month for twelve months, to begin July 1, 1900.

These recommendations, Nos. 1 to 30, inclusive, were adopted.

I have made no recommendation concerning instructors in military, in chemistry, in theoretical and applied mechanics, and upon the violin, because it has not been possible to determine upon suitable persons. It is more than likely that it will be necessary to appoint additional instructors in three or four departments, particularly in the College of Literature and Arts, by the time of the opening of the fall semester. I recommend that you authorize me to make engagements as developing conditions may prove necessary, at the initial salary of instructors, viz.: \$70.00 to \$80.00 per month.

## COLLEGE OF MEDICINE.

I transmit the following recommendations of the Executive Faculty and the Actuary of the College of Medicine touching expenditures in that College for the coming year. I may say that I have been present at the meetings of the Executive Faculty at which these matters have been considered and that the recommendations have my approval, as well as that of the Business Manager of the University.

## EXPENDITURES.

COLLEGE OF MEDICINE, June 1, 1900.

In accordance with the duties of my office, I make the following recommendations concerning the expenditure for salaries for the ensuing year with the advice and consent of the Executive Faculty:

	Total.	Year.	Month.
<i>For the Department of Anatomy</i> .....	\$2,400 00		
Dr. W. T. Eckley, Professor of Anatomy, at the rate of		\$1,200 00	\$100 00
Mrs. W. T. Eckley, Demonstrator of Anatomy, at the rate of		100 00	8 33 <sup>1</sup> / <sub>3</sub>
Dr. H. E. Santee, Professor of Anatomy, at the rate of		300 00	25 00
Dr. Louis J. Mitchell, Professor of Anatomy, at the rate of		300 00	25 00
Dr. Don Lee Shaw, Professor of Anatomy, at the rate of		300 00	25 00
Eight student assistants, at the rate of		200 00	16 66 <sup>2</sup> / <sub>3</sub>
<i>For the Department of Chemistry</i> .....	2,400 00		
Dr. John A. Wesener, Professor of Anatomy, at the rate of		1,200 00	100 00
Dr. E. R. Whitmore, Adjunct Professor of Chemistry, at the rate of		600 00	50 00
Four student assistants, seniors, at the rate of		400 00	33 33 <sup>1</sup> / <sub>3</sub>
Four student assistants, juniors, at the rate of		200 00	16 66 <sup>2</sup> / <sub>3</sub>
<i>For the Department of Pathology</i> .....	1,800 00		
Dr. W. A. Evans, Professor of Pathology, at the rate of		1,200 00	100 00
Four graduate assistants, at the rate of		400 00	33 33 <sup>1</sup> / <sub>3</sub>
Four student assistants, at the rate of		200 00	16 66 <sup>2</sup> / <sub>3</sub>
<i>For the Department of Bacteriology and Hygiene</i> .....	800 00		
Dr. A. Gehrman, Professor of Hygiene and Bacteriology, at the rate of		600 00	50 00
Four student assistants, at the rate of		200 00	16 66 <sup>2</sup> / <sub>3</sub>
<i>For the Department of Histology</i> .....	500 00		
Dr. E. G. Earle, Professor of Histology, at the rate of		300 00	25 00
Four student assistants, at the rate of		200 00	16 66 <sup>2</sup> / <sub>3</sub>
<i>For the Department of Materia Medica</i> .....	400 00		
Professor Bernard Fantus, Adjunct Professor of Materia Medica, at the rate of		300 00	25 00
Two student assistants, at the rate of		100 00	8 33 <sup>1</sup> / <sub>3</sub>
<i>For the Department of Microscopical and Chemical Diagnosis</i> .....	800 00		
Dr. W. E. Coates, Instructor in Microscopical and Chemical Diagnosis, at the rate of		600 00	50 00
Two assistants, at the rate of		200 00	16 66 <sup>2</sup> / <sub>3</sub>
<i>For the Physiological Laboratory</i> .....	3,100 00		
_____, at the rate of		2,500 00	208 33 <sup>1</sup> / <sub>3</sub>
Professor L. Harrison Mettler, provisional salary until a Professor of Physiology is elected, at the rate of		400 00	33 33 <sup>1</sup> / <sub>3</sub>
Four student assistants, at the rate of		200 00	16 66 <sup>2</sup> / <sub>3</sub>
<i>For the Department of Biology</i> .....	600 00		
Dr. F. E. Wynekoop, Professor of Biology, at the rate of		300 00	25 00
Two graduate assistants, at the rate of		200 00	16 66 <sup>2</sup> / <sub>3</sub>
Two student assistants, at the rate of		100 00	8 33 <sup>1</sup> / <sub>3</sub>
<i>For the Department of Surgical Pathology</i> .....	200 00		
Four student assistants, at the rate of		200 00	16 66 <sup>2</sup> / <sub>3</sub>

*Expenditures—Continued.*

	Total.	Year.	Month.
<i>For the Department of Obstetrics.....</i>	900 00		
Dr. Rachelle S. Yarros, Adjunct Professor of Clinical			
Obstetrics, at the rate of.....		600 00	50 00
Bessie Newman, servant, at the rate of.....		180 00	15 00
Nurse, at the rate of.....		120 00	10 00
<i>For the Dispensary.....</i>	360 00		
Dr. C. C. O'Byrne, Superintendent of Dispensary at			
the rate of.....		560 00	30 00
Two student assistants, at the rate of.....		200 00	16 66 <sup>2</sup> / <sub>3</sub>
<i>Library.....</i>	820 00		
Miss Grace Bryant, Librarian, at the rate of.....		720 00	60 00
One student assistant, at the rate of.....		100 00	8 33 <sup>1</sup> / <sub>3</sub>
<i>Officers and other Employees.....</i>	6,352 00		
For Superintendent, N. M. Verry, at the rate of.....		900 00	75 00
Secretary, W. A. Fusey, M.D., at the rate of.....		900 00	75 00
Actuary's Clerk, J. Tomlinson, at the rate of.....		600 00	50 00
Clerk at College, Miss E. M. Heelan, at the rate of.....		720 00	60 00
Secretary's Stenographer, F. A. Reffelt, at the rate of..		720 00	60 00
Engineer, Geo. Johnson, at the rate of.....		480 00	40 00
Druggist, R. C. Cupler, at the rate of.....		480 00	40 00
Two janitors, at the rate of.....		600 00	50 00
Curator, P. D. Whyte, at the rate of.....		432 00	36 00
One student assistant, at the rate of.....		100 00	8 33 <sup>1</sup> / <sub>3</sub>
Anatomical Assistant, James Lawrence, at the rate of..		420 00	35 00
	\$21,632 00	\$21,632 00	\$1,802 66 <sup>2</sup> / <sub>3</sub>

D. A. K. STEELE, *Actuary.*

Appropriation of College of Medicine funds was made to meet the foregoing recommendations which were approved.

I herewith also transmit the recommendations of the Dean and the Executive Faculty of the College of Medicine concerning the instructional matters for the coming year. The list has my approval and is as follows:

## ANNUAL REPORT OF THE DEAN OF THE COLLEGE OF MEDICINE.

CHICAGO, ILL., June 11, 1900.

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

*Numbers.* The past year has been the most prosperous in the history of the College of Medicine. There were in attendance 579 students of medicine, as against 445 students of medicine and 69 temporary students of dental surgery the year before.

*Students.* The relations between the men and women of the class were less discordant than during the previous year. Five men were suspended for misconduct and one woman was privately expelled for serious offenses. The relations between the men of the class and the young women of the West Division High School are extremely unwholesome. It is hoped that they will be permanently disrupted before the close of another year.

*Faculty.* For a year and a half or more there has been discord in the faculty, owing in large measure to intolerance on the part of some colleagues to the new methods of administration. These troubles are now happily and, I believe, permanently cured, and the faculty organization is stronger than ever before, not only in respect to unity of purpose, but also in regard to professional standing and efficiency. For a year past the faculty has been engaged with a project of reorganization of its own body and of the curriculum of the College. The faculty list recommended below represents months of study and effort, and includes many changes. The resignation of several old teachers, the transposition of others, and the nomination of many new teachers will be noted, as well as some additions to the curriculum and some changes in the naming of chairs.

The most important of the proposed changes are as follows:

1. The establishment of a physiological laboratory, and the election of George P. Dreyer, now Associate Professor of Physiology in the Johns Hopkins University, to the Professorship of Physiology.

2. That the names of A. E. Hoadley (deceased), Boerne Bettman, A. W. Harlan and C. M. Burrows be dropped. The gentlemen named have not been active teachers for years past, and their names have been carried in faculty lists hitherto merely in recognition of their property interests in the corporation.

3. That John H. Curtis, T. A. Davis, T. B. Wiggin, J. M. G. Carter, T. Melville Hardie, F. R. Sherwood, and G. W. Post be transferred to other departments of teaching; and that the resignations be accepted of J. N. Bartholomew, E. C. Suefert, J. T. Milnamow, A. H. Burr, and W. H. G. Logan.

4. That the chairs of Hygiene, Otology, Dental Surgery, and General Diagnosis be abolished as separate departments of teaching; that Hygiene be united with Bacteriology to make a new chair of Hygiene and Bacteriology; that Otology be united with Rhinology and Laryngology in one chair; that Dental Surgery be included in the course on Junior Surgery; and that, instead of the chair on General Diagnosis there be established a chair and a laboratory of Microscopical and Chemical Diagnosis.

*Policy*—Hitherto the school year has been divided into a required winter session of seven months and an optional spring session of ten weeks duration. It is now proposed to divide the school year into three terms of sixteen weeks each; to allow students to enter at the beginning of any term; to give credit, on time, for not more than two terms of attendance in any year; to require attendance upon at least eight terms; and to confer degrees in the last week of May of each year.

This change, if made, will require attendance of eight months a year for four years, instead of seven months as hitherto; and it will establish the college in competition with Summer Schools of Medicine without, in any way, disturbing its relation to Winter Schools. It is also likely to have the effect of increasing the total attendance of each year without increasing the number present at any session; and it is certain to necessitate an increased number of teachers.

The fees required for eight months of attendance will be practically the same as those hitherto required for seven months' attendance. The entrance requirements of the College of Medicine will be the same as those of the academic departments of the University.

*Methods*—New methods of teaching are made necessary by the progress of the times, and by the increased number of students in attendance. The amphitheatre must give way to the class room and the lecture to personal instruction. Inauguration of these changes will require multiplication of minor teachers and great enlargement of accommodations. We need now, in addition to present accommodations, about sixteen class rooms; and we hope to be able, ere long, to propose a satisfactory plan to procure them.

*Results*—The best means known to us of estimating the value of our work as compared with that of sister institutions, are two:

1. By noting in reports of State Examining Boards the number of examinations from each college, together with the number of their successes and failures.

2. By noting the results of competitive examinations for hospital appointments held in our own city.

a. The Minnesota State Board is the only one that has published a tabulated report of its examinations to date.

This report shows that of all graduates of Rush Medical College who took the examination, 32 per cent failed.

Of graduates of the Northwestern University College of Medicine who took the examination, 22½ per cent failed; and of graduates of the College of Physicians and Surgeons who took the examination, 15 per cent failed.

b. The second mentioned basis of comparison also appears to demonstrate that we can effect advantages possessed by some of our neighbors by doubling our own hours of labor.

## FACULTY.

- Andrew Sloan Draper, LL. D., President.
- William Edward Quine, M. D., Dean, and Professor of Practice of Medicine and Clinical Medicine.
- Daniel Atkinson King Steele, M. D., Actuary, and Professor of Clinical Surgery.
- Oscar Augustus King, M. D., Professor of Neurology, Psychiatry and Clinical Medicine,
- Henry Parker Newman, A. M., M. D., Professor of Clinical Gynecology.
- Bayard Holmes, B. S., M. D., Professor of Practice of Surgery.
- George Frank Lydston, M. D., Professor of Genito-Urinary Surgery and Venereal Diseases.
- Robert Hall Babcock, A. M., M. D., Professor of Clinical Medicine and Diseases of the Chest.
- John Erasmus Harper, A. M., M. D., Professor of Ophthalmology and Clinical Ophthalmology.
- James Madison Gore Carter, A. M., Sc. D., Ph. D., M. D., Emeritus Professor of Clinical Medicine.
- Walter Shield Christopher, M. D., Professor of Pediatrics.
- John Benjamin Murphy, A. M., M. D., Professor of Clinical Surgery.
- Henry Turman Byford, A. M., M. D., Professor of Gynecology and Clinical Gynecology.
- William Allen Pusey, A. M., M. D., Secretary, Professor of Dermatology and Clinical Dermatology, and Associate Professor of Venereal Diseases.
- Moreau Roberts Brown, M. D., Professor of Laryngology, Rhinology and Otolary.
- Thomas Archibald Davis, M. D., Professor of Practice of Surgery.
- John Alfonzo Wesener, Ph. C., Professor of Chemistry.
- Thomas Melville Hardie, A. B., M. B., M. D., Clinical Professor of Laryngology, Rhinology and Otolary.
- William Augustus Evans, B. S., M. D., Professor of Pathology.
- Frank Breckenridge Earle, M. D., Professor of Obstetrics.
- Henry Leland Tolman, Professor of Medical Jurisprudence.
- Francis Roberta Sherwood, M. D., Associate Professor of Surgery.
- William Thomas Eckley, M. D., Professor of Anatomy and Director of Museum.
- Adolph Gehrmann, M. D., Professor of Hygiene and Bacteriology.
- Arthur Henry Brumback, M. D., Professor of Physical Diagnosis.
- George Frank Butler, Ph. G., M. D., Professor of Materia Medica and Therapeutics.
- Edward Graffam Earle, M. D., Professor of Histology and Microscopy.
- William McIntyre Harsha, A. B., M. D., Professor of Operative and Clinical Surgery.
- Maurice Louis Goodkind, M. D., professor of Clinical Medicine.
- Frank Eldridge Wynekoop, M. S., M. D., Professor of Biology and Embryology.
- Carl Beck, M. D., Professor of Surgical Pathology.

Lee Harrison Mettler, M. D., Professor of Physiology of the Nervous System.

Casey Albert Wood, C. M., M. D., Professor of Clinical Ophthalmology.  
———, ———, Professor of Physiology.

Louis Mitchell, M. D., Professor of Anatomy.

Charles Clayton O'Byrne, M. D., Professor of Microscopical and Chemical Diagnosis.

Harris Ellett Santee, A. M., M. D., Professor of Anatomy.

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

James McIntyre Patton, M. D., Professor of Physical Diagnosis.

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

Don Lee Shaw, M. D., Professor of Anatomy.

John Henry Curtis, M. D., Adjunct Professor of Clinical Medicine.

George Washington Post, A. M., M. D., Adjunct Professor of Clinical Medicine.

Andrew McDiarmid, M. D., Adjunct Professor of Obstetrics.

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

Stephen Gano West, M. D., Adjunct Professor of Gynecology.

Rachelle Slobodinsky Yarros, M. D., Adjunct Professor of Clinical Obstetrics.

Twing Brooks Wiggin, M. D., Adjunct Professor of Microscopical and Chemical Diagnosis.

Bernard Fantus, M. D., Adjunct Professor of Materia Medica.

August Frederick Lemke, M. D., Adjunct Professor of Practice of Medicine.

Edward Henry Lee, M. D., Adjunct Professor of Practice of Surgery.

James Mitchell Neff, M. D., Adjunct Professor of Practice of Medicine.

Otto Pagelson, M. D., Adjunct Professor of Microscopical and Chemical Diagnosis.

Aristides Edwin Baldwin, LL. D. D. S., M. D., Adjunct Professor of Dental Surgery.

Eugene Rudolph Whitmore, M. D., Adjunct Professor of Chemistry.

Samuel Johnson Walker, A. B., M. D., Adjunct Professor of Pediatrics.

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

Frank Gregory Connell, M. D., Adjunct Professor of Clinical Anatomy and Instructor in Surgery.

William Lincoln Ballenger, M. D., Assistant Professor of Laryngology, Rhinology and Otology.

Franklin Snow Cheney, A. M., M. D., Assistant Professor of Clinical Pediatrics.

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

William Edward Coates, M. D., Instructor in Microscopical and Chemical Diagnosis.

Corrine Buford Eckley, Demonstrator of Anatomy.

William Henry Rumpf, M. D., Instructor in Gynecology.

George Wentworth Newton, M. D., Instructor in Gynecology.

William Fuller, M. D., Instructor in Clinical Surgery.

Respectfully submitted,

WM. E. QUINE, *Dean*.



The appointments recommended were made and the other recommendations of the report were adopted.

#### SCHOOL OF PHARMACY.

It is recommended that the guaranteed salaries of the School of Pharmacy be \$3,000.00; that Dr. Rogers be paid \$100.00; and that the remaining \$2,900.00 be divided as follows, viz.: Professor Hallberg one-third, or \$966.66; and Professor Puckner the same; Professor Goodman two-ninths, or \$644.44; and Professor Day one-ninth, or \$322.22; and that each teacher pay the salary of his assistant, if any.

If there should be an excess of receipts over expenses, on this basis, it is recommended that it be divided in the same proportion, excluding Dr. Rogers, up to the sum of \$1,500.00, beyond which the faculty shall in no event have any claim.

These recommendations concerning the School of Pharmacy were adopted.

#### LIBRARY AND LIBRARY SCHOOL.

1. That Margaret Mann be appointed assistant librarian and instructor in library economy at \$1,100.00 for twelve months.

2. That Grace Osborne Edwards be reappointed cataloguer at \$900.00 for twelve months.

3. That Laura Russell Gibbs be reappointed loan desk assistant at \$720.00 for twelve months.

4. That Lucy B. Ely Willcox be appointed loan desk assistant at \$720.00 for twelve months.

5. That Willard Otis Waters be appointed order clerk at \$720.00 for twelve months.

6. That Cecelia McConnel be reappointed reviser of the junior work at \$50.00 per month for ten months.

7. That Emma Reed Jutton be reappointed reviser of the junior work at \$50.00 per month for ten months.

8. That William Liebrick Couch be appointed custodian of the Law Library at \$20.00 per month for ten months.

9. That Richard Pratt Garrett be appointed assistant custodian of the Law Library at \$10.00 per month for ten months.

10. That Charles C. Royall be appointed stenographer at \$25.00 per month for twelve months, with the understanding that he is to give half time for five days in the week and full time on Saturdays.

The most important appointment in the Library School, that made necessary by the resignation of Professor Straight, is yet to be made. It has not yet been possible to secure a suitable appointee, although diligent efforts in that direction have been made. Professor Sharp is now in attendance at the American Library Association, at Montreal, and hopes soon to secure an experienced and capable incumbent for this leading position. I am therefore obliged to be content with recommending that the President be authorized to make an engagement as soon as practicable, and to pay a salary of not more than \$1,500.00 per year.

The foregoing recommendations with regard to the Library and the Library School were adopted:

#### ASSISTANTS.

1. That Fred Randall Crane be reappointed assistant in farm mechanics at \$750.00 a year.

2. That Edward Phillips Walters be reappointed assistant in chemistry at \$60.00 per month for ten months.

3. That James Franklin Kable be reappointed assistant in general engineering drawing at \$60.00 per month for ten months.

4. That Jessie Younge Fox be reappointed assistant in piano at \$50.00 per month for ten months, and one-half the fees earned by her in excess of that amount.

5. That Harry Bert Fox be appointed assistant in geology at \$50.00 per month for ten months.

6. That Harry Curtiss Marble be reappointed assistant in electrical engineering at \$60.00 per month for ten months.

The recommendations regarding assistants were adopted.

#### FELLOWSHIPS AND SCHOLARSHIPS.

1. The Council of Administration has recommended the following named persons to fellowships, at the usual stipend of \$300.00 per annum:

#### COLLEGE OF LITERATURE AND ARTS.

*French*—Nellie Louise McWilliams.

*Latin*—William Gay Palmer.

2. The School of Music recommends the appointment of Miss Edra Louise Collins to a free scholarship in the piano department.

I approve the same and recommend the appointments.

Appointments were made as recommended.

#### HONORARY DEGREES.

I transmit herewith the recommendation of the General Faculty, made by unanimous vote, that the honorary degree of Doctor of Architecture be conferred upon Dean Nathan Clifford Ricker of our College of Engineering; and that the honorary degree of Doctor of Pedagogy be conferred upon President Livingston C. Lord, of the Eastern Illinois State Normal School.

By a unanimous vote authority was given to confer honorary degrees as recommended.

#### PHYSICAL TRAINING.

1. That George A. Huff, jr., be appointed graduate manager of physical training, and coach of the baseball team, at \$1,500 for twelve months.

2. That Jennette Emeline Carpenter be reappointed director of physical training for women at \$90 per month for ten months.

Appointments were made as recommended.

#### WATER SURVEY.

That Robert Watt Stark be appointed Chief Assistant on the State Water Survey at \$75 per month for twelve months, and that the appointment take effect June 18, 1900.

Professor Palmer is not ready to make recommendations for other assistants on the Water Survey, and I recommended that the President be authorized to make two appointments at \$60 per month each, for twelve months, as soon as arrangements can be made.

The recommendations with regard to the Water Survey department were adopted.

#### STOREKEEPERS.

1. That M. T. Lindsey be reappointed storekeeper in the chemical laboratory for ten months from September 1, 1900, at \$40 per month.
2. That I. H. Allen be reappointed storekeeper in the electrical laboratory for the same period and at the same pay.

#### STUDENT ASSISTANCE.

That \$500 be appropriated for assistance by students who may be employed, with the approval of the President, from time to time as they may be needed.

#### MESSENGERS.

1. That Albert R. Lee be reappointed messenger in the President's office for twelve months at \$25 per month, and that he be allowed \$5 per month for carrying the mail twice each day to and from the postoffice in Champaign; and that messengers at \$3 per week may be employed from September 1st to July 2d, in the following offices, viz.: The office of the vice-president and dean of College of Agriculture jointly; the office of the dean of the College of Engineering; the offices of the dean of the College of Literature and Arts and the dean of the Woman's Department jointly; the offices of the professors of Chemistry jointly; the Library.

The recommendations with regard to storekeepers, student assistance, and messengers, were adopted.

#### APPROPRIATIONS.

It is recommended that appropriations for incidental expenses be made as follows:

1. Administrative offices.....	\$100
2. College of Literature and Arts.....	100
3. College of Agriculture.....	100
4. Art and design.....	150
5. Pedagogy.....	300
6. Physical training.....	200
7. School of Music.....	100
8. Preparatory School.....	100
9. Oratorical contests.....	200
10. The <i>Illini</i> .....	200
11. The <i>Illio</i> .....	100
12. Expenses of high school visitor.....	500
13. Astronomical Observatory.....	100
14. Zoölogy.....	100
15. Physiology.....	100
16. Geology.....	100
17. Psychology.....	100
18. Library.....	200
19. College of Law.....	200
20. Photography.....	300

Appropriations were made as recommended.

#### CLERICAL ASSISTANCE.

1. That Miss Lillie Heath be continued as secretary of the President at \$900 a year.
2. That Mr. L. A. Boice be continued as clerk in the office of the Registrar at \$65 per month.
3. That William F. Marker be continued as clerk in the office of the Business Manager at \$65 per month.

4. That Miss Sue W. Ford be appointed clerk and stenographer in the office of the dean of the College of Engineering at \$55 per month.

5. That Mrs. Jennie M. Laflin be appointed clerk and stenographer in the office of the dean of the College of Literature and Arts, with the understanding that her services shall also be available to the dean of the College of Law, at \$50 per month.

6. That Miss Olive F. Saxton be appointed stenographer to the President's office at \$50 per month.

7. That Miss Grace Maxwell be appointed clerk and stenographer in the office of the dean of the College of Agriculture at \$40 per month.

#### SHOPS.

That foremen be appointed as follows:

1. Machine shop, Cyril B. Clark, at \$85 per month.
2. Wood shop, Albert R. Curtiss, at \$85 per month.
3. Smith shop, Henry Jones, at \$60 per month.
4. Foundry, Joseph H. Wilson, at \$60 per month.

These four appointments to be for ten months.

#### PREPARATORY SCHOOL.

That the teachers in the Preparatory School be appointed as follows:

1. Edward G. Howe, at \$1,800 a year.
2. Clarence W. Alvord, at \$105 per month.
3. Lillie A. Clendenin, at \$70 per month.
4. James W. Buchanan, at \$70 per month.
5. John E. Miller at \$75 per month.

The last four appointments to be for ten months.

The appointments of clerical assistants, foremen in the shops, and teachers in the Preparatory School were made as recommended.

#### COLLEGE OF AGRICULTURE.

The following are the recommendations of the Dean of the College of Agriculture as to appropriations in the work of that college, for the quarter ending September 30, 1900:

<i>General—</i>	
Office .....	\$100 00
Agronomy .....	900 00
Animal husbandry .....	800 00
Dairy husbandry .....	400 00
Horticulture .....	700 00
Veterinary science .....	100 00
Domestic science .....	100 00
Total .....	\$3,100 00
<i>From surplus of last year—</i>	
For furniture and apparatus mainly for Dairy Husbandry, Horticulture, and Domestic Science .....	\$5,000 00
<i>From special appropriations—</i>	
Addition to brick house .....	\$350 00
Additional accommodation for stock .....	300 00
Fences .....	200 00
Materials for repair shop .....	100 00
Painting horse barn .....	50 00
Total .....	\$1,000 00

I advise that the estimates be approved and the appropriations made.

The foregoing recommendations were adopted except as to the addition to the brick house.

#### ADVISORY BOARD, AGRICULTURAL EXPERIMENT STATION.

I transmit herewith the minutes of a meeting of the Advisory Board of the Agricultural Experiment Station, held June 5, 1900, and recommend that appropriations be made to meet the estimates of the Director of the Station, for expenses for the quarter ending September 30, 1900, as follows:

Salaries .....	\$1,540 00
Publications .....	200 00
Office .....	300 00
Agronomy .....	300 00
Animal husbandry .....	200 00
Horticulture .....	360 00
Chemistry .....	50 00
Botany .....	50 00
Total .....	\$3,000 00

It is recommended that the desire of Dean Davenport that the words "specialist in animal husbandry" be added to his title, for use in connection with Experiment Station work, be approved.

It is also recommended that, in view of the appointment of Doctor Hopkins as Professor of Agronomy, hereinbefore provided for, no additional chemist be appointed to the Station, and that the chemistry work thereof be under the direction of the specialist in agronomy.

Mr. G. P. Clinton, who has served the Station for many years as assistant botanist, asks for a leave of absence for ten months from September first next. Dean Davenport recommends that the request be granted, and at half pay. I concur in the recommendation except that I am unable to approve that portion in reference to half pay. I recommend that leave be granted without pay.

At the request of Doctor Burrill, and upon the recommendation of the Director of the Station, I recommend that Professor Burrill be relieved from the duties of horticulturist at the Experiment Station, and that Professor Blair be advanced to the position.

I recommend that the suggestion of the Director of the Experiment Station, to the effect that Mr. W. J. Fraser be given the title of "specialist in dairy husbandry," be approved.

I recommend that Mr. L. H. Smith be appointed assistant in chemistry at a salary of \$750 per year.

I recommend that the suggestion of the Director of the Station, to the effect that Miss Catherine McIntyre be given the title of "Secretary of the Agricultural Experiment Station," be approved.

The recommendations of the foregoing paper with regard to the Agricultural Experiment Station were adopted.

#### DEPARTMENT OF BUILDINGS AND GROUNDS.

I transmit herewith a communication from the Superintendent of Buildings and Grounds touching various matters within the functions of his department and recommend that the same be referred to the Committee on Buildings and Grounds with power to act upon the matters presented.

I desire to emphasize what the Superintendent says in reference to the coal supply. The unfortunate situation of this matter during the last two years has caused an extra expense of \$1,000.00 a year; and, even worse than that, we have been handling and using more dirt than coal, and at times have been seriously menaced by an entire failure of supply. Some more effective arrangements must certainly be made.

I also emphasize the remarks of the Superintendent about the leak in the roof of the small tower above the President's office. There has been no severe rain since the Library was constructed which has not poured through this roof, making my office at times almost unusable.

Another matter connected with the Library Building, to which the Superintendent has not called attention, I think, but which is not unknown to the Board, is the dampness in the basement. It is so serious as to make the basement of the building unfit for use for any purpose. The loss of the use of this portion of the building is too serious to allow the matter to pass without further effort to find the cause of the dampness and to remedy it. A considerable expenditure of money would be justifiable if thereby the trouble could be removed. The Library Building is the center of interest at the University, and any difficulties about it are a great humiliation to us. I hope that every effort will be made to put it in perfect condition. This will include a new treatment of the walls in the room of the Board of Trustees and in the President's office, at least.

I recommend that the Superintendent's suggestions touching employes and salaries in his department be adopted, as follows:

<b>1. For Steam Department—</b>	
Chief Engineer Joseph Morrow, per year .....	\$1,200 00
Engineer Edward Justus, per hour—cents .....	22½
Engineer F. G. Killam, per hour—cents .....	20
Fireman Spencer Stuckey, per hour—cents .....	22½
Fireman J. R. Newton, per hour—cents .....	20
<b>2. For Watchmen—</b>	
Day man, Pearl Adams, per month .....	50 00
Night man, ———, per month .....	40 00
<b>3. Gardeners—</b>	
Head man, Fred Atkinson, per month .....	60 00
Assistant, Evelyn Atkinson, per month .....	40 00
<b>4. Janitors—</b>	
Library Building, per month .....	40 00
University Hall, per month .....	40 00
Engineering Hall, per month .....	40 00
Armory and Men's Gymnasium, jointly, per month .....	40 00
Natural History Building, per month .....	35 00
Electrical and Mechanical Laboratories, per month .....	35 00
Metal and Wood Shops and Testing Laboratory, per month .....	35 00
Astronomical Observatory, per month .....	15 00
Toilet rooms, per month .....	27 00
One relief, per month .....	35 00

5. That \$500 be set aside for employment of women as extra help.

6. That I may employ janitor help for the agricultural buildings when completed, and add extra day help for the heating and lighting station, as necessity requires.

Appointments of employes under the Superintendent of Buildings and Grounds were made as recommended.

Also the recommendation of the Superintendent of Buildings and Grounds of an appropriation of \$500.00 for additions to the greenhouse was adopted, the work to be in charge of the Committee on Buildings and Grounds.

Other items involving expenditures named in the communication from the Superintendent of Buildings and Grounds were referred to the Committee on Buildings and Grounds with power to act. They were as follows:

1. To build three coal sheds, one at each of the different railroads, with a capacity of 250 to 300 tons each, at an expense of about \$350.00 apiece.

- 2.\* To take care of the leakage from the stone-covered tower on the north side of the Library Building, an appropriation of \$100.00.
3. An appropriation of \$500.00 to be used upon rooms in Natural History Building, University Hall and Engineering Hall.
4. For a cement floor and drainage in the coal bins, \$375.00.
5. For repair of the floor in the Armory, \$250.00.
6. For lawn hydrants, \$450.00.
7. Three cents a ton additional for hauling coal the past year.

#### DESTRUCTION OF THE WOOD SHOPS, TESTING LABORATORY AND GYMNASIUM.

At two o'clock Saturday morning, June 9th, the oldest building on the campus, which accomodated our Wood Shops, Testing Laboratory, Hydraulic Laboratory, Gymnasium, etc., was entirely destroyed by fire. The origin of the fire is unknown. Before we were aware that the building was on fire at all it was beyond all hope. In an hour nothing was left but the outside walls.

This entails upon the University another very serious loss. While the building was an old one, it was substantial, and it was exceedingly useful. The resulting inconvenience will be great. I have already considered temporary arrangements.

It seems to me that there is nothing else to do but to put the Gymnasium back into the Armory. This will cripple both the gymnasium work and the military work, but I see no alternative.

We can find temporary quarters for the Wood Shops in the basement of the Electrical Building.

The Hydraulic Laboratory can not be re-established in any temporary quarters.

It seems as though the University repair shop will have to be abandoned. I will give my attention to making such arrangements as will enable us to go on with imperative work in the best way practicable.

Money for furniture and appliances in the Gymnasium and Wood Shops will be needed. It is true that we have not the money to spare, but in such an exigency there is no way but to draw upon the general fund, and then go to the Legislature with the whole case.

I therefore recommend that the sum of \$5,000.00 be appropriated for the purposes referred to in order that we may draw upon it as may be necessary. A portion of this can doubtless be paid from the special fund for engineering equipment, but the greater part will have to come from the legislative appropriation.

Action upon this recommendation was deferred until afternoon, and it was then adopted, and the Committee on Buildings and Grounds was directed to carry the action into effect.

Upon this question Mr. McKay voted no.

#### COMMENCEMENT ORATORS.

We have been accustomed to pay our commencement orators an honorarium of \$100.00 in lieu of expenses and services. Heretefore we have had a way of publishing their addresses through the *Illini*, although the printing was always unsatisfactory. The new form of the *Illini* makes this impracticable.

I recommend, therefore, that hereafter we pay the expenses of the commencement orators, whatever they may be, and publish their addresses in pamphlet form, giving them a suitable number of copies.

This recommendation was adopted.

## STATE LABORATORY OF NATURAL HISTORY.

I transmit herewith the financial statement of the State Laboratory of Natural History for the third quarter of the financial year beginning July 1, 1899.

This statement was referred to Committee on Finance.

It has been customary for the Athletic Association to defray the expenses of the High School Athletic competition which is held annually at the University in the month of May. The expense arises from printing, advertising, the cost of medals and banners, and the expenses of judges, and it has been met by entrance fees and fees taken at the gate. This year it rained hard during the entire day of the meet, so that the events could not take place within an enclosure, and, accordingly, no gate fees were received. The Athletic Association is seriously embarrassed otherwise, and this blow was keenly felt. The entire deficit of the meet will amount to a little less than \$300.00, and I recommend that that amount be appropriated to discharge it, and that the Business Manager be instructed to settle the matter.

I recommend the appropriation of \$1,000.00 to defray the expenses of lecturers who may be invited to address University assemblages upon special subjects.

I also recommend that all appropriations made by the legislature, for specific purposes, be appropriated for such uses.

It is recommended that all appointments or changes hereby provided for go into effect September 1, 1900, unless otherwise specified.

Respectfully submitted,

A. S. DRAPER, *President*.

Of the last four recommendations made by the President, action upon the first was deferred until afternoon, when it was adopted, and the other three were adopted when presented.

President Draper's bill of expenses for six months ending May 26th, amounting to \$143.60, having been approved by the Finance Committee, was ordered paid on motion of Mr. Smith.

The Board then took a recess until 2:30 p. m.

## AFTERNOON SESSION.

When the Board met pursuant to adjournment the same members were present as in the morning.

The Secretary presented a communication from the president of the Alumni Association, Mr. Wm. M. Butler, asking that an appropriation of \$75.00 be made for printing the proceedings of the Alumni Association, including the address of Mr. Clarence W. Blackall.

The appropriation was made as requested.

The Secretary presented the Treasurer's report, which was referred to the Finance Committee.



## TREASURER'S REPORT.

*E. G. Keith, Treasurer, in account with the University of Illinois, March 31, 1900.*

		DR.		
1899.				
Dec.	31	Balance.....		\$116,450 70
1900.				
Jan.	6	Received from U. S. Treasurer, quarterly appropriation for Agricultural Experiment Station fund.....	\$3,750 00	
"	15	Received from State Treasurer, payment of interest on endowment fund, for credit of general fund.....	11,985 69	
"	29	Received from S. W. Shattuck Business Manager, paid warrants for credit general fund.....	2,561 73	
"	29	Received from S. W. Shattuck, Business Manager, for credit College of Medicine fund.....	6,369 50	
"	29	Received from S. W. Shattuck, Business Manager, for credit School of Pharmacy fund.....	662 00	
"	31	Received from the Edward Snyder Department of Students' Aid, for credit general fund.....	9,500 00	
Feb.	28	Received from S. W. Shattuck, Business Manager, Chicago draft for credit general fund.....	5,000 00	
"	28	Received from S. W. Shattuck, Business Manager, for credit School of Pharmacy fund.....	1,510 50	
"	28	Received from S. W. Shattuck, Business Manager, for credit College of Medicine fund.....	9,447 20	
Mar.	16	Received from Treasurer, State of Illinois, for credit of general fund.....	21,000 00	
"	30	Received from S. W. Shattuck, Business Manager, credit warrants for credit general fund.....	1,690 66	
"	30	Received from S. W. Shattuck, Business Manager, paid warrants for credit general fund.....	6,179 25	
"	30	Received from S. W. Shattuck, Business Manager, for credit School of Pharmacy fund.....	514 00	
"	30	Received from S. W. Shattuck, Business Manager, Chicago draft for credit general fund.....	5,000 00	
"	30	Received from S. W. Shattuck, Business Manager, Chicago draft for credit College of Medicine fund.....	2,918 50	
				\$88,179 08
				<u>\$204,629 78</u>
		CR.		
1900.				
Mar.	31	By amount paid out of general fund, as per list of warrants herewith.....	\$95,035 46	
"	31	By amount paid out of Agricultural Experiment Station fund, as per list of warrants herewith.....	2,666 75	
"	31	By amount paid out of College of Medicine fund, as per list of warrants herewith.....	9,569 51	
"	31	By amount paid out of School of Pharmacy fund, as per list of warrants herewith.....	2,676 44	
				\$109,948 16
		Balances—		
		General fund.....	\$55,317 29	
		College of Medicine fund.....	36,020 66	
		Agricultural Experiment Station fund.....	2,636 80	
		School of Pharmacy fund.....	56 02	
		Laboratory of Natural History fund.....	650 85	
				94,681 62
				<u>\$204,629 78</u>

Respectfully submitted,

E. G. KEITH, *Treasurer.*

The Finance Committee presented the following report, which was adopted:

URBANA, May 18, 1900.

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

Your Finance Committee begs leave to report that it has examined the vouchers for the quarter ending March 31, 1900, submitted by the Business Manager, on which warrants have been issued, as follows:

General University, Nos. 1625-2550.....	\$94,010 63
Agricultural Experiment Station, Nos. 160-242.....	2,590 13
School of Pharmacy, Nos. 76-110.....	2,531 55
School of Medicine, Nos. 351-510.....	8,349 65
	<hr/> \$107,481 96

We have found these vouchers in due form and properly receipted.

Respectfully submitted,

F. M. MCKAY,  
T. J. SMITH,  
A. F. NIGHTINGALE,  
*Finance Committee.*

#### THE BOLTER COLLECTION OF INSECTS.

The Executive Committee presented the following report:

CHICAGO, Illinois, May 2, 1900.

At a meeting of the Executive Committee of the Board of Trustees held this day at the Sherman House in the City of Chicago, Illinois, on motion it was voted that the proposition of the executors of Andreas Bolter, deceased, granting to the University of Illinois the Bolter Collection of Insects be accepted by the following agreement:

*Whereas*, The late Andreas Bolter, of the City of Chicago, was instrumental in making a fine and elaborate entomological collection, and provided in his will that his executors should give the same to an educational institution on conditions specified in said will, and

*WHEREAS*, The executors of said Andreas Bolter have notified the President of the University of Illinois that said collection would be given to the University of Illinois upon certain guarantees by them demanded.

*Therefore, be it Resolved*, That the Executive Committee of the Board of Trustees of said University, for and on behalf of said Board, hereby accepts this entomological collection and agrees, in consideration of said gift, that said collection shall be continually cared for at said University in a fire proof structure, and in or above the first story of such structure, and shall be always kept together and marked the "Bolter Collection of Insects," and that the same shall continually be under the responsible control, care, and administration of an entomological instructor of said University, and under the immediate charge of an expert entomological curator, and this said Committee also agrees that said collection will be returned to the heirs of said Andreas Bolter at any time when it shall appear that the conditions on which said collection was received as aforesaid are not in every particular strictly complied with,—and furthermore, the said University, through said Committee, expresses its sincere thanks to said executors for said gift, and assures said executors that it will exert every effort to make said collection of the highest possible service to the science of entomology, to the end that it may in the fullest measure realize the purposes of its assiduous and generous collector.

The Committee adjourned.

ALEX. McLEAN,  
LUCY L. FLOWER,  
*Executive Committee.*

This action of the Executive Committee was confirmed by the adoption of the following resolution:

*Resolved*, That the Board approves and ratifies the action of the Executive Committee, taken at a meeting held in Chicago, on the 2d day of May, 1900, touching the "Bolter Collection of Insects," and that the Board not only takes occasion to express its thanks to the executors of the estate of the late Andreas Bolter for the gift of such an elaborate collection to the University, but also renews the assurance of the University, that the terms and conditions of the generous gift will be complied with, to the end that the desires of the indefatigable collector may be attained in the fullest measure practicable.

On motion of Mrs. Abbott \$100 was appropriated for repairs on the south farm.

#### LEAVE OF ABSENCE.

The Committee on Instruction submitted the following report, which was adopted.

URBANA, ILLINOIS, June 12, 1900.

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

The Committee on Instruction, to which was referred the question of salaries at the University of Illinois as compared with those of other State universities, begs to report:

1. That it finds the general average of salaries at the University of Illinois compares very favorably with that of other state universities, only one state, Wisconsin, showing any very marked difference. Missouri and Minnesota have slightly higher rates, and a somewhat different classification. The Committee feels that it is very desirable to make the salaries of deans at the University of Illinois \$3,000.00 at the earliest practicable moment. And we also recommend that after this year the salary of no full professor be less than \$1,500.00.

2. The Committee finds that there is no rule in force at other state universities regarding a leave of absence with pay, for the purpose of study, though several give such furloughs on different terms. Missouri reports two professors in Europe each year on full pay, they providing acceptable substitutes during their absence, and pledging themselves to remain three years at the same salary after they return. This does not bind the University to retain them, however, except while in Europe and one year thereafter. Your Committee would recommend that a professor, who has served seven consecutive years and requests it, may be given a furlough for one year on half pay: *Provided*, that these permits shall only be given on the advice of the President, and shall not be given so as to conflict with each other in any way, or to hamper the work of the University. Also that a professor taking such a leave of absence shall pledge himself to remain at the University for three years after his return at the salary of his grade, and that the University in return shall agree to retain him in its service during his furlough and for one year thereafter.

Respectfully submitted,

LUCY L. FLOWER,  
FRED L. HATCH,  
A. BAYLISS,

*Committee on Instruction.*

Thereupon President Draper presented the following, which was adopted:

*To the Board of Trustees.*

In view of the action just taken touching leaves of absence to members of the Faculty for the purpose of foreign study, I recommend:

(a) That such leave be granted Dean David Kinley, of the College of Literature and Arts, for the next University year; (b) that Professor Thomas Arkle Clark be appointed as acting dean of the college for next year, at a salary of two thousand (\$2,000.00) dollars a year; (c) that Matthew Brown Hammond, instructor in the department of economics, be made assistant professor, and placed in charge of the department for the year, at a salary of eleven hundred (\$1,100.00) dollars a year; and (d) that the President be authorized to engage an assistant for the department.

I also recommend that Professor Samuel Wilson Parr, of the department of applied chemistry, be granted leave of absence during the next University year, on half pay, for the purpose of foreign study, and that I be authorized to fill his place as best I can with the half of his salary remaining.

A. S. DRAPER,  
*President.*

Leave of absence was granted Professors Parr and Kinley as recommended, Professor Clark was made acting dean of the College of Literature and Arts at the salary of \$2000.00 a year, and President Draper's other recommendations were approved.

On motion of Mrs. Abbott it was voted to strike out at the beginning of paragraph 13, on page 5 of the Statutes of the University of Illinois, the words, "A professor shall be the head of the department," and to insert in lieu thereof, "The ranking professor of the department shall be the head thereof."

It was voted to pay the coal bill of the Odin Coal Co. at \$1.00 a ton.

The Committee on Buildings and Grounds was directed to advertise for bids for coal, and was instructed that a bond would be required of the successful bidder, conditioned upon the faithful performance of any contract that might be entered into with him.

Three hundred dollars was appropriated for a steam pipe to the agricultural plant, the same to be tapped to furnish steam for the dining room.

The special order for 4 o'clock was then taken up.

Mr. Bayliss moved that President Draper's recommendation that the Deans of the several colleges and departments be reappointed be adopted.

Mr. McKay moved to amend to the effect that Dr. Scott be asked for his resignation. After discussion on this question the roll was called with the following result: Yeas—Mr. McKay. Nays—Messrs. Bayliss, Bullard, Hatch, McLean and Smith, and Mrs. Flower and Mrs. Abbott. Absent—Governor Tanner and Messrs. Fulkerson and Nightingale, and Mrs. Carriel.

The original motion was then passed.

## BUSINESS MANAGER'S REPORT.

The report of Professor Shattuck, the Business Manager, was received and referred to the Committee on Finance.

UNIVERSITY OF ILLINOIS, June 12, 1900.

*Alexander McLean, President Board of Trustees, University of Illinois,*

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

*Paper A* is a statement of the current appropriations, March 31, 1900.

*Paper B* is a statement of the State appropriations, March 31, 1900.

*Paper C* is a statement of the United States fund, March 31, 1900.

*Paper D* is a statement of the Laboratory of Natural History appropriations, March 31, 1900.

*Paper E* is a statement of the Agricultural Experiment Station appropriations, March 31, 1900.

*Paper F* is a statement of the School of Pharmacy appropriations, March 31, 1900.

*Paper G* is a statement of the School of Medicine appropriations, March 31, 1900.

## PAPER A—CURRENT APPROPRIATIONS.

March 31, 1900.	Appropriated.	Expended.	Balance.
Salaries for instruction { Current..... } { State..... } { U. S. Fund..... }	\$98,635 51	\$684 62 67,960 10 18,222 99	\$11,768 10
Salaries for services { Current..... } { State..... }	18,000 00	298 08 17,105 44	596 53
Buildings and grounds.....	600 00	541 69	58 31
Fuel and lights.....	100 00	71 01	28 99
Stationery and printing.....	200 00	109 52	90 48
Preparatory School.....	3,590 00	3,590 00	
Repair shop.....	2,900 00	2,877 81	22 19
College of Agriculture.....	4,970 65	1,163 38	3,807 27
Departments.....	1,229 35	1,201 89	27 46
Laboratories.....	4,600 00	4,525 68	74 32
Library and apparatus.....	150 00	50 39	99 61
Incidentals.....	2,400 00	1,115 74	1,284 26
<i>Sundries—</i>			
Closed out.....	354 46	354 46	
Blue print room.....	550 00	279 39	270 61
E. Snyder fund, interest.....	237 50	237 50	
E. Snyder Department of Students' Aid.....	450 00	450 00	
Furniture and fixtures.....	250 00	79 51	170 49
Greenhouse.....	300 00	13 35	286 65
Heating apparatus.....	350 00	209 18	140 82
Legal services.....	250 00	250 00	
Library school.....	300 00	48 60	252 00
Minnesota lands.....	200 00	107 57	92 43
Semester examinations.....	100 00	46 80	53 20
State fair exhibit.....	300 00	275 47	24 53
South farm.....	263 00	187 88	75 12
	\$141,280 47	\$122,057 10	\$19,223 37

## PAPER B—STATE APPROPRIATIONS.

1897-1899.	Received.	Expended.	Balance.	Assigned.
<i>Cabinets</i> .....	\$2,000 00	\$1,172 52	\$827 48	\$827 48
<i>Chemical Laboratory equipment</i> .....	\$5,000 00	\$4,827 13	\$172 87	\$172 87
<i>Fire protection</i> .....	\$2,000 00	\$1,462 14	\$537 86	\$537 86
<i>Library</i> .....	\$20,000 00	\$19,015 48	\$984 52	\$984 52
<i>Taxes on Minnesota lands</i> .....	\$3,600 00	\$3,464 85	\$135 15	\$135 15
<i>Vaccine Laboratory</i> .....	\$2,400 00	\$2,400 00		
<i>Water survey</i> .....	\$6,000 00	\$6,000 00		
<i>Apparatus and materials—</i>				
Closed out .....	\$392 11	\$392 11		
Astronomical Observatory .....	1,370 00	1,250 22	\$119 78	\$119 78
Botany and horticulture .....	937 89	784 20	153 69	153 69
Chemistry .....	1,043 16	918 62	124 54	124 54
Geology .....	450 00	277 32	172 68	172 68
Physiology .....	1,100 00	971 91	128 09	128 09
Psychology .....	306 84	306 84		
Zoölogy .....	400 00	253 99	146 01	146 01
	\$6,000 00	\$5,155 21	\$844 79	\$844 79
<i>Salaries, etc.—</i>				
Closed out .....	\$211,795 63	\$211,795 63		
Decorating Library Building .....	3,500 00	3,500 00		
Illinois Field .....	3,746 60	3,746 60		
Mechanical engineering laboratory .....	691 69	691 69		
Buildings and grounds .....	266 08	266 08		
	\$220,000 00	\$220,000 00		
1899-1901.	Received.	Expended.	Balance.	Assigned.
<i>Salaries, etc.—</i>				
Closed out .....	\$775 30	\$775 30		
Salaries for instruction .....	67,735 40	62,090 15	\$5,645 25	\$5,645 25
Salaries for services .....	17,105 44	17,105 44		
Accredited schools .....	500 00	238 50	261 50	261 50
Advertising, postage, etc. ....	3,000 00	2,342 05	657 95	657 95
Alumni association .....	25 00	17 00	8 00	8 00
Art and design .....	150 00	101 53	48 47	48 47
Board expenses .....	1,900 00	1,790 34	109 66	109 66
Buildings and grounds .....	3,400 00	2,246 49	1,153 51	1,153 51
College of Literature and Arts ..	100 00	13 15	86 85	86 85
Furniture and fixtures .....	950 00	927 81	22 19	22 19
Fuel and lights .....	9,900 00	7,904 36	1,995 64	1,995 64
Heating apparatus .....	1,950 00	1,927 08	22 92	22 92
College of Law .....	200 00	74 50	125 50	125 50
Lectures .....	600 00	383 98	216 02	216 02
Library supplies .....	400 00	294 77	105 23	105 23
Illinois Field .....	253 40		253 40	253 40
Illini .....	200 00		200 00	200 00
Illio .....	100 00		100 00	100 00
Oratorical contest .....	200 00	86 42	113 58	113 58
Preparatory School .....	200 00	128 50	71 50	71 50
Photographic equipment .....	150 00	140 44	9 56	9 56
Physical training .....	200 00	98 03	101 97	101 97
School of Music .....	100 00	95 75	4 25	4 25
Stationery and printing .....	1,800 00	1,291 03	508 97	508 97
State Fair exhibit .....	300 00	151 83	148 17	148 17
Summer Term .....	2,000 00		2,000 00	2,000 00
Water supply .....	1,000 00	750 00	250 00	250 00
Unassigned .....	19,805 46		19,805 46	
	\$135,000 00	\$100,974 45	\$34,025 55	\$14,220 09

*State Appropriations—Concluded.*

1899-1901.	Received.	Expended.	Balance.	Assigned.
<i>Taxes on Minnesota lands</i> .....	\$2,000 00	\$1,575 30	\$424 70	\$424 70
<i>Shop practice</i> .....	\$2,000 00	\$1,698 19	\$301 81	\$301 81
<i>Cabinets</i> .....	\$1,000 00	.....	\$1,000 00	\$1,000 00
<i>Fire protection</i> .....	\$1,000 00	.....	\$1,000 00	\$1,000 00
<i>Pavement and walks</i> .....	\$3,000 00	\$4,809 95	.....	.....
<i>Vaccine Laboratory</i> .....	\$1,200 00	\$212 29	\$987 71	\$987 71
<i>Engineering equipment—</i>				
Architecture.....	\$650 00	\$507 46	\$142 54	\$142 54
Civil engineering.....	600 00	486 27	113 73	113 73
Mechanical engineering.....	3,000 00	1,780 47	1,219 53	1,219 53
Physics laboratory.....	1,500 00	1,260 42	239 58	239 58
Electrical engineering.....	3,000 00	2,791 75	208 25	208 25
Theoretical and applied mechanics and municipal and sanitary engineering.....	1,000 00	\$35 30	164 61	164 61
College.....	250 00	66 58	183 42	183 42
	\$10,000 00	\$7,728 34	\$2,271 66	\$2,271 66
<i>Buildings and grounds, etc</i> .....	\$5,000 00	\$5,000 00	.....	.....
<i>Water survey</i> .....	\$3,000 00	\$750 53	\$2,249 47	\$2,249 47
<i>Draining, fencing and barns</i> .....	\$2,000 00	\$1,709 95	\$290 05	\$290 05
<i>Agricultural building</i> .....	\$75,000 00	\$39,421 85	\$35,578 15	\$35,578 15
<i>Water plant</i> .....	\$10,000 00	\$234 31	\$9,765 69	\$9,765 69
<i>Furnishing, electrical building—</i>				
Electrical engineering department.....	\$500 00	\$436 64	\$63 36	\$63 36
Mechanical engineering department.....	500 00	331 64	168 36	168 36
	\$1,000 00	\$768 28	\$231 72	\$231 72
<i>Electric wiring, etc</i> .....	\$3,000 00	\$1,999 39	\$1,000 61	\$1,000 61
<i>Endowment fund interest—</i>				
Agricultural College.....	\$11,862 79	\$8,434 64	\$3,428 15	\$3,428 15
General.....	11,862 80	11,862 80	.....	.....
	\$23,725 59	\$20,297 44	\$3,428 15	\$3,428 15

## PAPER C—UNITED STATES FUND.

1899-1900.	Received.	Expended.	Balance.	Assigned.
General.....	\$12,500 00	\$12,500 00	.....	.....
Agricultural College.....	12,500 00	6,669 53	\$5,830 47	\$5,830 47
	\$25,000 00	\$19,169 53	\$5,830 47	\$5,830 47

## PAPER D—LABORATORY OF NATURAL HISTORY.

1895-1897.	Received.	Expended.	Balance.	Assigned.
General balance, July 1, 1896 .....	\$253 68	\$94 70	\$158 98	\$158 98
Closed out .....	8,400 00	8,400 00		
Diseases of insects .....	1,500 00	1,499 30	70	70
	\$10,153 68	\$9,994 00	\$159 68	\$159 68
1897-1899.	Appropriated.	Expended.	Balance.	Assigned.
Salaries and assistants .....	\$8,000 00	\$8,000 00		
Field, office and incidentals .....	3,000 00	2,969 39	\$30 61	\$30 61
Library .....	3,000 00	2,948 35	51 65	51 65
Bulletins .....	1,500 00	1,168 29	331 71	331 71
Report of Entomologist .....	500 00	450 44	49 56	49 56
Biological Experiment Station .....	6,000 00	5,972 36	27 64	27 64
	\$22,000 00	\$21,508 83	\$491 17	\$491 17

## PAPER E—UNITED STATES AGRICULTURAL EXPERIMENT STATION.

1899-1900.	Appropriated.	Expended.	Balance.
<i>General Fund—</i>			
Salaries .....	\$5,037 86	\$5,037 86	
Labor .....	1,729 58	1,729 58	
Publications .....	430 32	430 32	
Postage and stationery .....	185 64	185 64	
Freight and express .....	48 38	48 38	
Chemical supplies .....	74 01	74 01	
Seeds, plants and sundries .....	237 07	237 07	
Feeding stuff .....	338 81	338 81	
Library .....	101 27	101 27	
Tools, implements and machinery .....	94 22	94 22	
Furniture and fixtures .....	55 00	55 00	
Scientific apparatus .....	280 03	280 03	
Live stock .....	537 50	537 50	
Traveling expenses .....	81 50	81 50	
Contingent expense .....	64 13	64 13	
Buildings and repairs .....	194 85	194 85	
Unassigned .....	1,759 83		\$1,759 83
	\$11,250 00	\$9,490 17	\$1,759 83
<i>Farm Fund—</i>			
Labor .....	\$441 55	\$441 55	
Sundries .....	98 18	98 18	
	\$539 73	\$539 73	

## PAPER F—SCHOOL OF PHARMACY.

1899-1900.	Appropriated.	Expended.	Balance.
Salaries for instruction .....	\$2,535 62	\$2,535 62	
Salaries for services .....	1,125 00	1,125 00	
Buildings and grounds .....	2,280 41	2,280 41	
Fuel and lights .....	407 09	407 09	
Stationery and printing .....	99 23	99 23	
Laboratories .....	773 39	773 39	
Incidentals .....	157 05	157 05	
Advertising .....	553 83	553 83	
Furniture and fixtures .....	15 66	15 66	
Unassigned .....	3,452 72		\$3,452 72
	\$11,400 00	\$7,947 28	\$3,452 72



## PAPER G—COLLEGE OF MEDICINE.

1899-1900.	Appropriated.	Expended.	Balance.
Salaries for instruction.....	\$3,474 98	\$3,474 98	.....
Salaries for services.....	6,088 60	6,088 60	.....
Buildings and grounds.....	10,323 95	10,323 95	.....
Fuel and lights.....	2,004 77	2,004 77	.....
Athletics.....	942 53	942 53	.....
Stationery and printing.....	248 90	248 90	.....
Laboratories.....	2,432 56	2,432 56	.....
Library.....	177 15	177 15	.....
Apparatus and materials.....	5,794 98	5,794 98	.....
Incidentals.....	960 49	960 49	.....
Advertising.....	2,147 82	2,147 82	.....
Furniture and fixtures.....	266 48	266 48	.....
Unassigned.....	9,678 31	.....	9,678 31
	\$44,541 52	\$34,863 21	\$9,678 31

*Paper H* is an estimate of receipts and expenses for the six months ending June 30, 1901.

*Paper I* is a list of appropriations the Board is requested to make at this time for the three months ending September 30, 1900.

*Paper L* is a report of receipts for the three months ending March 31, 1900.

## PAPER L—RECEIPTS BY THE BUSINESS MANAGER FOR THE THREE MONTHS ENDING MARCH 31, 1900.

University fees.....	\$10,329 18	
Preparatory School fees.....	1,768 25	
College of Medicine.....	18,735 25	
School of Pharmacy.....	2,686 50	
Agricultural College.....	936 18	
Agricultural Experiment Station.....	56 51	
Mechanical department.....	117 12	
Chemical laboratory.....	17 37	
Repair shop.....	1,730 64	
Greenhouse.....	71 80	
Laboratory of applied mechanics.....	5 00	
Blue print room.....	94 45	
Physiology.....	61 28	
Mineralogy.....	1 00	
Electrical laboratory.....	4 43	
Library and apparatus.....	1 00	
Incidentals.....	12 70	
Minnesota land, rents.....	449 79	
Land contracts, interest.....	850 77	
Land contracts, principal.....	4,986 00	
		\$42,915 18

*Paper M* is a list of general University vouchers presented for audit, being 1,625 to 2,550, inclusive.

*Paper O* is a list of the Agricultural Experiment Station vouchers presented for audit, being 160 to 242, inclusive.

*Paper P* is a list of the School of Pharmacy vouchers presented for audit, being 76 to 110, inclusive.

*Paper Q* is a list of School of Medicine vouchers presented for audit, being 351 to 510, inclusive.

Respectfully submitted,

S. W. SHATTUCK,  
Business Manager.

Appropriations were made as follows:

*Appropriations for the Three Months Ending September 30, 1900.*

Board expenses.....	\$800 00	
Salaries for instruction.....	33,000 00	
Salaries for services.....	5,000 00	
Buildings and grounds.....	2,000 00	
Fuel, lights, and electric power.....	3,000 00	
Stationery, printing, etc.....	1,000 00	
Advertising and postage.....	2,000 00	
Repair shop.....	1,000 00	
Agricultural College.....	3,000 00	
Departments .....	1,000 00	
Laboratories .....	2,000 00	
Library and aparatus.....	50 00	
Incidentals.....	800 00	
Furniture and fixtures.....	400 00	
Heating aparatus.....	500 00	
Water supply.....	250 00	
Greenhouse.....	250 00	
Blue print room.....	200 00	
Minnesota lands.....	200 00	
Library.....	500 00	
Library school.....	200 00	
Library supplies .....	200 00	\$57,300 00
College of Medicine.....	10,000 00	
Agricultural Experiment Station.....	3,750 00	\$13,750 00
Total .....		\$71,050 00

At the request of the Business Manager these appropriations were also made:

Military scholarships.....	\$360 00
Band scholarships.....	240 00
Commencement exercises.....	300 00

UNIVERSITY OF ILLINOIS, June 12, 1900.

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

GENTLEMEN:—I have the honor to report that under the authority given by your action of April 17, 1900, I have settled with the College of Physicians and Surgeons of Chicago the financial matters of the agreement which terminated May 1, 1900. The balance found due that corporation is \$28,380.97, this amount has been paid over and the University treasurer has received the \$8,000 provided for in the new agreement. I enclose herewith two papers which I wish to make a part of this report.

*Statement of Receipts and Expenses of the School of Medicine from April 21, 1897, to April 30, 1900.*

Receipts.....		\$159,925 47
Warrants.....	\$131,544 50	
Balance.....	28,380 97	
Total .....	\$159,925 47	\$159,925 47

S. W. SHATTUCK, Business Manager,  
D. A. K. STEELE, Actuary,  
*Auditing Committee.*

UNIVERSITY OF ILLINOIS, May 14, 1900.

This writing is to certify that the undersigned have made an inventory of all property in the possession of the School of Medicine of the University of Illinois, corresponding to Schedule A, of the lease ending May 1, 1900, and

that they find the same to be equivalent in kind and value to that which was received by the University of Illinois from the College of Physicians and Surgeons of Chicago, April 21, 1897, and that it is accepted by both parties representing the University of Illinois and the College of Physicians and Surgeons of Chicago, as meeting all of the requirements in this respect under the lease which terminated May 1, 1900.

S. W. SHATTUCK, Business Manager.  
D. A. K. STEELE, Actuary,  
*Auditing Committee.*

Respectfully submitted,

S. W. SHATTUCK,  
*Business Manager.*

This report was received and approved for record.

On motion of Mr. Bullard, Mr. Nelson S. Spencer was elected Superintendent of Buildings and Grounds for the year beginning July 1, 1900, at a salary of \$1,800.00, it to be understood that Mr. Spencer should devote his whole time to the service of the University.

The Champaign and Urbana Water Company, through Mr. F. C. Amsbary, its manager, proposed to make a rate of \$300.00 a year for the seven fire hydrants now connected with its water works, and a rate of \$25.00 each year for all future hydrants to be connected. This proposition to go into effect when the University supplies through its own works water for other than fire purposes.

The proposition was accepted.

The Board adjourned.

W. L. PILLSBURY,  
*Secretary.*

ALEXANDER MCLEAN,  
*President.*

*Financial Statement of the University of Illinois for the twelve months ending June 30, 1900.*

RECEIPTS.		
Balance .....		\$17,533 86
Laboratory of Natural History, balance.....		650 85
Interest on endowment and land contracts .....	\$44,200 26	
Fees from students.....	36,367 68	
Departments and laboratories .....	12,733 15	
Miscellaneous .....	6,695 41	
Donations, Edward Snyder fund .....	9,500 00	
State appropriations.....	254,230 00	
United States government.....	25,000 00	
Agricultural Experiment Station.....	16,007 04	
School of Pharmacy.....	11,240 89	
College of Medicine.....	71,428 10	487,402 53
		<hr/>
		\$505,587 24
EXPENDITURES.		
Salaries for instruction.....	\$141,162 80	
Salaries for services.....	23,214 83	
Departments and laboratories .....	8,495 48	
Miscellaneous .....	11,979 31	
State appropriations not including salaries.....	156,806 33	
Laboratory of Natural History.....	266 03	
Agricultural Experiment Station.....	15,539 73	
School of Pharmacy .....	10,627 57	
College of Medicine.....	79,507 24	447,399 32
		<hr/>
Balance June 30, 1900. ....		\$58,187 92
		<hr/>
		\$505,587 24

## WARRANTS FOR THE YEAR ENDING JUNE 30, 1900.

## GENERAL UNIVERSITY WARRANTS.

No.	Date.	To whom.	For what.	Amount.
1	1899			
2	July 31	A. S. Draper.....	Salary, July, 1899.....	583 33
3	"	T. J. Burrill.....	"	200 00
4	"	S. W. Shattuck.....	"	166 66
5	"	N. C. Ricker.....	"	191 66
6	"	Ira O. Baker.....	"	187 50
7	"	S. A. Forbes.....	"	83 33
8	"	C. W. Rolfe.....	"	175 00
9	"	D. McIntosh.....	"	50 00
10	"	A. N. Talbot.....	"	175 00
11	"	A. W. Palmer.....	"	175 00
12	"	F. F. Frederick.....	"	166 66
13	"	S. W. Parr.....	"	175 00
14	"	H. J. Barton.....	"	175 00
15	"	C. M. Moss.....	"	175 00
16	"	D. K. Dodge.....	"	166 66
17	"	L. P. Breckenridge.....	"	187 50
18	"	D. Kinley.....	"	187 50
19	"	E. Davenport.....	"	95 83
20	"	A. Tompkins.....	"	166 66
21	"	A. P. Carman.....	"	187 50
22	"	W. H. Jones.....	"	100 00
23	"	E. B. Greene.....	"	141 66
24	"	C. C. Pickett.....	"	175 00
25	"	Katharine L. Sharp.....	"	166 66
26	"	Geo. T. Kemp.....	"	166 66
27	"	Geo. W. Myers.....	"	158 33
28	"	Wm. E. Drew.....	"	166 66
29	"	J. K. Sheil.....	"	153 33
30	"	James M. White.....	"	141 66
31	"	L. A. Rhoades.....	"	150 00
32	"	W. D. Pence.....	"	133 33
33	"	Wm. Esty.....	"	133 33
34	"	Violet D. Jayne.....	"	133 33
35	"	W. H. VanDervoort.....	"	137 50
36	"	H. S. Grindley.....	"	108 33
37	"	H. S. Piatt.....	"	108 33
38	"	A. H. Daniels.....	"	108 33
39	"	G. D. Fairfield.....	"	108 33
40	"	C. W. Tooke.....	"	108 33
41	"	F. A. Sager.....	"	100 00
42	"	Frank Smith.....	"	116 66
43	"	C. D. McLane.....	"	100 00
44	"	P. G. Holden.....	"	54 16
45	"	J. E. McGilvrey.....	"	108 33
46	"	J. D. Phillips.....	"	83 33
47	"	Seth J. Temple.....	"	100 00
48	"	Oscar Quick.....	"	83 33
49	"	J. C. Blair.....	"	50 00
50	"	Alison M. Fernie.....	"	116 66
51	"	J. P. Hyland.....	"	83 33
52	"	T. W. Hughes.....	"	100 00
53	"	Wm. H. Browne, Jr.....	"	100 00
54	"	W. J. Fraser.....	"	41 66
55	"	Maud W. Straight.....	"	75 00
56	"	Grace O. Edwards.....	"	60 00
57	"	Laura R. Gibbs.....	"	50 00
58	"	E. G. Howe.....	"	150 00
59	"	W. L. Pillsbury.....	"	162 50
60	"	N. S. Spencer.....	"	125 00
	"	Lillie Heath.....	"	75 00

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
	1899			
61	July 31	Sue W. Ford.....	Salary, July, 1899.....	55 00
62	"	L. A. Boice.....	"	55 00
63	"	W. F. Marker.....	"	55 00
64	"	Jennie M. Ladin.....	"	45 00
65	"	Olive F. Saxton.....	"	45 00
66	"	W. O. Waters.....	"	50 00
67	"	Joe Morrow.....	"	75 00
68	"	Holmes Ewalt.....	"	60 00
69	"	Chas. B. Ewalt.....	"	30 00
70	"	E. W. Justus.....	"	50 00
71	"	Spencer Stuckey.....	"	50 00
72	"	Fred Atkinson.....	"	40 00
73	"	M. T. Lindsey.....	"	40 00
74	"	I. H. Allen.....	"	40 00
75	"	Albert R. Lee.....	"	20 00
76	"	Pearl Adams.....	"	40 00
77	"	Frank Spence.....	"	40 00
78	"	E. A. Nelson.....	"	37 00
79	"	A. McGlaughlin.....	"	37 00
80	"	W. R. Hoffman.....	"	37 00
81	"	L. G. Lathrop.....	"	32 00
82	"	J. J. Johnson.....	"	32 00
83	"	Frank Gleason.....	"	32 00
84	"	Philip Schwehm.....	"	27 00
85	"	C. V. Millar.....	"	75 00
86	"	R. W. Stark.....	"	50 00
87	"	D. McIntosh.....	"	75 00
88	"	W. A. Merritt.....	"	75 00
89	"	W. H. Fulkerson.....	Expenses as trustee.....	89 45
90	"	Mary T. Carriel.....	"	92 25
91	"	Alice B. Abbott.....	"	114 65
92	"	F. L. Hatch.....	"	98 44
93	"	T. J. Burrill.....	"	90 45
94	"	E. Davenport.....	"	79 50
95	"	P. G. Holden.....	"	79 50
96	"	W. L. Pillsbury.....	"	14 56
97	"	W. A. Merritt.....	Salary and expense, June, 1899.....	62 59
98	"	Edward Stanford.....	Books.....	33 46
99	"	S. W. Shattuck.....	Taxes on Minnesota lands.....	1,575 30
100	"	S. W. Shattuck.....	Sundry accounts paid.....	186 84
101	"	Champaign Mach. & Supply Co.....	Pipe, etc.....	228 50
102	"	J. P. Gordy.....	Expense of lectures.....	107 53
103	"	Champaign County Herald.....	Programs, etc.....	71 27
104	"	Natural Carbon Co.....	Carbons.....	17 00
105	"	Rossiter, MacGovern & Co.....	Edison machine.....	112 75
106	"	T. H. Trevett.....	Hardware.....	20 22
107	"	Standard Oil Co.....	Oil.....	42 89
108	"	James B. Clow & Sons.....	Pipe tees, etc.....	133 86
109	Aug. 10	H. Swannell & Son.....	Glass, etc.....	26 40
110	"	Reade Mfg. Co.....	Herbicide.....	4 50
111	"	Union Tile Co.....	Tile.....	49 13
112	"	Hubbard & Sons.....	Tarred felt.....	4 45
113	"	C. K. Leith.....	Collection of rocks.....	40 00
114	"	F. L. Busey & Co.....	Toweling.....	1 25
115	"	Champaign Mach. & Supply Co.....	Lead weights.....	1 50
116	"	Chas. A. Strelinger Co.....	Steel tubing, etc.....	14 10
117	"	Baker & Adamson Chem. Co.....	Filters.....	10 43
118	"	Western Electric Co.....	Hard rubber rod.....	1 17
119	"	Kny-Scheerer Co.....	Microtome knives.....	2 00
120	"	E. H. Sargent & Co.....	Alcohol, etc.....	11 18
121	"	H. M. Shuck & Co.....	Tin box, tags, etc.....	3 30
122	"	Frank Webb.....	Photographs.....	6 00
123	"	Cunningham Bros.....	Plates, chemicals, etc.....	111 11
124	"	S. W. Shattuck, business mgr.....	Pay-roll of men, June, 1899.....	902 98
125	"	S. W. Shattuck, business mgr.....	Pay-roll of students, June, 1899.....	627 18
126	"	E. G. Howe.....	Expenses.....	6 43
127	"	C. & U. Phoenix Tel. Co.....	Services, 3 mos. to Sept. 15, 1899.....	36 00
128	"	C. H. Baddely.....	Groceries.....	18 35
129	"	Bryant & McConney.....	Lawn roller, etc.....	25 00
130	"	E. H. Renner & Bro.....	Hauling, etc.....	33 90
131	"	Odin Coal Co.....	Coal.....	401 00
132	"	Green & Post.....	Plumbing, etc.....	3 17
133	"	Fuller & Fuller Co.....	Chemicals, etc.....	55 85
134	"	Cambridge Botanical Supl. Co.....	Glue, etc.....	23 91
135	"	Knowlton & Bennett.....	Glue, paint, etc.....	5 95
136	"	The Pleurus.....	Advertising.....	4 00
137	"	C. M. Parker.....	"	12 48
138	"	Engineering Record.....	"	20 00

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
139	Aug. 10	D. H. Lloyd & Son.....	Copy book, paper, etc.....	\$5 45
140	"	The Inland Pub. Co.....	Half tone cuts.....	31 75
141	"	T. H. Trevett.....	Tank, etc.....	56 17
142	"	Wm. Price estate.....	Paints, etc.....	11 90
143	"	E. Henry.....	Turpentine, etc.....	1 08
144	"	Fred A. Rich.....	Oil can, etc.....	7 93
145	"	Chas. A. Besore.....	Lumber.....	38 85
146	"	<i>The Gazette</i> .....	Printing, etc.....	56 15
147	"	Schaffter & Budenberg.....	Ejector.....	9 00
148	"	Edward Thompson Co.....	Law books.....	3 00
149	"	Eimer & Amend.....	Corks, tripods, etc.....	44 41
150	"	Richards & Co.....	Cupel machine, etc.....	83 92
151	"	Alex McLean.....	Expenses.....	78 60
152	"	Mary T. Carriel.....	".....	104 05
153	"	Alice A. Abbott.....	".....	31 90
154	"	Lucy L. Flower.....	".....	54 66
155	"	T. J. Smith.....	".....	30 11
156	"	F. M. McKay.....	".....	43 05
157	"	S. W. Shattuck.....	".....	122 19
158	"	W. L. Pillsbury.....	".....	49 07
159	"	Whitall, Tatum & Co.....	Bottles.....	6 74
160	"	Wm. J. Bohm.....	Pipettes, etc.....	47 20
161	"	The Hammond Typewriter Co.....	Typewriter.....	90 00
162	"	D. Appleton & Co.....	Subscription.....	12 65
163	"	Mittendorf & Kiler.....	Picture frames.....	7 00
164	"	Amr. Poland China Rec'd Ass'n.....	Books.....	21 00
165	"	A. E. Park.....	Subscription.....	4 00
166	"	P. Ringer & Co.....	Book binding.....	129 75
167	"	Callaghan & Co.....	Law books.....	21 30
168	"	Lemcke & Buechner.....	Subscriptions, etc.....	18 45
169	"	G. E. Stechert.....	Books.....	196 96
170	"	The Jockey Club.....	".....	70 00
171	"	Boston Book Co.....	".....	778 85
172	"	A. C. McClurg & Co.....	" etc.....	230 40
173	"	S. W. Shattuck, business mgr.....	Express.....	39 65
174	"	".....	".....	74 28
175	"	".....	Freight.....	119 19
176	"	D. H. Lloyd & Son.....	Ink bottles, etc.....	12 18
177	"	W. S. Royal.....	Gas.....	1 30
178	"	Kariher Grocery Co.....	Jars, etc.....	3 66
179	"	Liquid Carbonic Acid Mfg. Co.....	Drum.....	3 30
180	"	J. W. Butler Paper Co.....	Blank paper.....	14 00
181	"	H. A. Thompson.....	Labor on apparatus.....	19 00
182	"	W. S. Jackman.....	Expenses.....	114 36
183	"	E. C. Downey.....	Jars, etc.....	1 10
184	"	Walker & Mulliken.....	Glass strips, baskets.....	26 05
185	"	G. C. Willis.....	Crash, etc.....	36 91
186	"	C. V. Millar.....	Expenses.....	9 55
187	"	J. F. Fenny Co.....	Rubber stamps.....	2 33
188	"	C. W. Tooke.....	Traveling expenses.....	44 50
189	"	E. M. Burr & Co.....	Repairing lawn mower, etc.....	9 86
190	"	Carter White Lead Co.....	White lead.....	110 00
191	"	Dunlap & Wright.....	Fittings for basin.....	3 10
192	"	Sheldon Brick Co.....	Sand.....	8 00
193	"	Twin City Ice & Cold St'ge Co.....	Ice.....	8 00
194	"	Western Bank Note & Eng. Co.....	Diplomas.....	6 00
195	"	E. G. Keith.....	Clerk hire, 3 mos., to July 15, 1899.....	150 00
196	"	Sweet, Wallach & Co.....	Picture mats.....	5 00
197	"	Bernh Liebsch.....	Atlas.....	1 42
198	"	Kaehler & Martini.....	Thermometers.....	74 90
199	"	Prof. Dr. Fredrich C. S. Mueller.....	Truax apparatus.....	41 26
200	"	U. & C. Ry., Gas & Electric Co.....	Gas to June 24, 1899.....	539 00
201	"	A. S. Cameron Steam P. Works.....	Valves.....	1 25
202	"	Singbusch & Stoltey.....	Soap.....	7 15
203	"	T. M. Smart.....	Books.....	38 00
204	"	M. A. Seed Dry Plate Co.....	Plates.....	40 59
205	"	J. H. Day & Co.....	Emulsifier.....	10 50
206	"	Aemon & Hubbel.....	Sprayers.....	29 30
207	"	Sawyer-Man Electric Co.....	Vacuum pump.....	75 00
208	"	John Bennett.....	Repairs of boiler, etc.....	22 60
209	"	Campbell & Spalding.....	Shoeing horses.....	1 50
210	"	<i>Champaign Co Herald</i> .....	Printing alumni reports.....	17 00
211	"	Monash Younker Co.....	Pressure regulator.....	14 00
212	"	H. McFadden & Bros.....	Feed.....	18 18
213	"	Library Bureau.....	Order table.....	2 50
214	"	Champaign Co. Printing Co.....	Printing programs, etc.....	57 25
215	"	General Electric Co.....	Key sockets, etc.....	19 24
216	"	Hausman & Dunn.....	Syringe and case.....	6 50

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
217	Aug. 10	1899		
218	"	Union Mfg. Co.	Water, 3 months, to October 1, 1899.	\$250 00
219	"	Walch & Wyeth.	Magnesia pipe covering.	18 72
220	"	L. M. Rumsey Mfg. Co.	Manilla rope	7 93
221	"	The Burrows Bros. Co.	Books.	21 00
222	"	Parmalee Wrench Co.	Pipe wrench.	1 50
223	"	Alice L. Barnard	Shells, etc.	17 65
224	"	Am. Veterinary Review	Subscription.	2 40
225	"	Ozias Riley, P. M.	Stamps	110 00
226	"	W. W. Lindley, P. M.		107 00
227	"	Compressed Air	Subscription, two years	1 50
228	"	Robert Fletcher	Subscription to Index Medicus	25 00
229	"	Wm. Miebach Co.	Hardware	12 95
230	"	Jos H. Cunningham	Flowers	5 95
231	"	Chas. W. Young	Services in Summer School	60 00
232	"	T. J. Burrill	Salary for Summer School.	350 00
233	"	S. A. Forbes	"	350 00
234	"	A. W. Palmer	"	350 00
235	"	H. J. Barton	"	350 00
236	"	Arnold Tompkins	"	350 00
237	"	A. P. Carman	"	350 00
238	"	Geo. W. Myers.	"	350 00
239	"	T. A. Clark	"	325 00
240	"	J. E. McGilvrey	"	325 00
241	"	W. C. Brenke	"	100 00
242	"	H. V. Carpenter.	"	100 00
243	"	John L. Sammis	"	100 00
244	"	J. J. Myers	"	100 00
245	"	R. S. Wilber	Drayage, 8 mos., to April 1, 1899	102 00
246	"	H. F. Thurston	Book.	3 00
247	"	R. Williamson & Co.	Gas fixture	1 95
248	"	Springfield Camera Co.	Plate holders	21 32
249	"	Western Union Telegraph Co.	Telegrams for July, 1899	9 24
250	"	Champaign County Herald.	Printing reports.	24 50
251	Aug. 31	Blue print department, U. of I.	Lantern slides	127 30
252	"	A. S. Draper	Salary, August, 1899	553 33
253	"	T. J. Burrill	"	200 00
254	"	S. W. Shattuck	"	166 66
255	"	N. C. Ricker.	"	191 66
256	"	Ira O. Baker.	"	187 50
257	"	S. A. Forbes	"	83 33
258	"	C. W. Rolfe.	"	175 00
259	"	D. McIntosh.	"	50 00
260	"	A. N. Talbot.	"	175 00
261	"	A. W. Palmer	"	175 00
262	"	F. F. Frederick	"	166 66
263	"	S. W. Parr.	"	175 00
264	"	H. J. Barton.	"	175 00
265	"	C. M. Moss.	"	175 00
266	"	D. K. Dodge	"	166 66
267	"	L. P. Breckenridge.	"	187 50
268	"	D. Kinley.	"	187 50
269	"	E. Davenport.	"	112 49
270	"	Arnold Tompkins.	"	166 66
271	"	A. P. Carman.	"	187 50
272	"	W. H. Jones.	"	100 00
273	"	E. B. Greene.	"	141 66
274	"	C. C. Pickett.	"	175 00
275	"	Katharine L. Sharp.	"	166 66
276	"	Geo. T. Kemp.	"	166 66
277	"	G. W. Myers.	"	158 33
278	"	W. L. Drew.	"	166 66
279	"	J. K. Shell.	"	133 33
280	"	James M. White.	"	141 66
281	"	L. A. Rhoades.	"	150 00
282	"	W. D. Pence.	"	133 33
283	"	Wm. Esty.	"	133 33
284	"	Violet D. Jayne	"	133 33
285	"	W. H. Van Dervoort.	"	137 50
286	"	H. S. Grindley.	"	108 33
287	"	H. S. Piatt.	"	108 33
288	"	A. H. Daniels.	"	108 33
289	"	G. D. Fairfield.	"	108 33
290	"	C. W. Tooke.	"	108 33
291	"	F. A. Sager.	"	100 00
292	"	Frank Smith.	"	116 66
293	"	C. D. McLane.	"	100 00
294	"	P. G. Holden.	"	54 16
295	"	J. E. McGilvrey.	"	108 33



## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
295	1899	J. D. Phillips.....	Salary, August, 1899.....	\$83 33
296	Aug. 31	Seth J. Temple.....	" " " " " "	100 00
297	"	Oscar Quick.....	" " " " " "	83 33
298	"	J. C. Blair.....	" " " " " "	50 00
299	"	Alison M. Fernie.....	" " " " " "	116 66
300	"	J. P. Hylan.....	" " " " " "	83 33
301	"	T. W. Hughes.....	" " " " " "	100 00
302	"	Wm. H. Browne, Jr.....	" " " " " "	100 00
303	"	W. J. Fraser.....	" " " " " "	41 66
304	"	Maude W. Straight.....	" " " " " "	75 00
305	"	Grace O. Edwards.....	" " " " " "	60 00
306	"	E. G. Howe.....	" " " " " "	150 00
307	"	W. L. Pillsbury.....	" " " " " "	162 50
308	"	N. S. Spencer.....	" " " " " "	125 00
309	"	Lillie Heath.....	" " " " " "	75 00
310	"	Suw W. Ford.....	" " " " " "	55 00
311	"	L. A. Boice.....	" " " " " "	55 00
312	"	W. F. Marker.....	" " " " " "	55 00
313	"	Jonnie M. Ladin.....	" " " " " "	45 00
314	"	Olive F. Saxton.....	" " " " " "	45 00
315	"	W. O. Waters.....	" " " " " "	50 00
316	"	Joe Morrow.....	" " " " " "	75 00
317	"	Holmes Ewalt.....	" " " " " "	60 00
318	"	Charles J. Ewalt.....	" " " " " "	30 00
319	"	E. W. Justus.....	" " " " " "	50 00
320	"	Spencer Stuckey.....	" " " " " "	50 00
321	"	Fred Atkinson.....	" " " " " "	40 00
322	"	Albert R. Lee.....	" " " " " "	20 00
323	"	Pearl Adams.....	" " " " " "	40 00
324	"	Frank Spence.....	" " " " " "	40 00
325	"	E. A. Nelson.....	" " " " " "	37 00
326	"	A. McGlaughlin.....	" " " " " "	37 00
327	"	F. M. McClain.....	" " " " " "	32 00
328	"	L. G. Lathrop.....	" " " " " "	32 00
329	"	J. J. Johnson.....	" " " " " "	32 00
330	"	Frank Gleason.....	" " " " " "	32 00
331	"	Phillip Schwehm.....	" " " " " "	27 00
332	"	C. V. Miller.....	" " " " " "	75 00
333	"	R. W. Stark.....	" " " " " "	50 00
334	"	D. McIntosh.....	" " " " " "	75 00
335	"	W. A. Merritt.....	" " " " " "	75 00
336	"	A. W. Palmer.....	Salary, 3 mos. to Sept. 1, 1899.....	25 00
337	"	<i>The Gazette</i> .....	Printing voucher blanks, etc.....	31 50
338	"	Rochester Optical Co.....	Photographic apparatus.....	126 55
339	"	A. H. Barber Mfg. Co.....	Dairy supplies.....	35 25
340	"	Twin City Ice & Cold St'ge. Co.....	Ice.....	24 00
341	"	J. C. Blair.....	Expenses.....	37 73
342	"	V. Harris.....	Oats.....	101 66
343	"	Hubbard & Sons.....	Hardware.....	11 30
344	"	<i>Champaign Co. Herald</i> .....	Printing envelopes.....	13 50
345	"	R. S. Wilber.....	Drayage.....	30 77
346	"	Wm. J. Bohm.....	Distilling bulbs.....	6 30
347	"	Anton Roland.....	Hay.....	186 45
348	"	J. F. Kincaid.....	Bran.....	15 00
349	"	Walsh & Heuck.....	Plumbing, etc.....	6 70
350	"	Smith Premier Typewriter Co.....	Typewriter and cabinet.....	137 50
351	"	J. C. Llewellyn.....	Architect, Aug. 16, 1899.....	2,639 58
352	"	Alex McLean.....	Expenses.....	30 82
353	"	F. M. McKay.....	" " " " " "	18 55
354	"	Alice A. Abbott.....	" " " " " "	14 80
355	"	S. A. Bullard.....	" " " " " "	48 65
356	"	A. A. Sphung.....	Frogs.....	5 00
357	"	Am. Constructor Pub. Co.....	Advertising.....	15 90
358	"	The Construction News Co.....	" " " " " "	14 40
359	"	Henry J. Green.....	Thermometers.....	18 27
360	"	Richards & Co.....	" " " " " "	3 75
361	"	Whitall, Tatum & Co.....	Glass bottles, etc.....	57 94
362	"	Pantagraph Ptg. & Sty. Co.....	Letter books, etc.....	16 45
363	"	<i>Champaign Times</i> .....	Printing letter heads, etc.....	12 50
364	"	Fairbanks Morse & Co.....	Gasoline engine.....	300 00
365	"	John C. Moninger Co.....	Lifting apparatus.....	110 20
366	"	Hawthorne Voris & Co.....	Roof paint.....	60 00
367	"	Daniel Stewart Co.....	Window glass.....	175 67
368	"	Champaign Co. Printing Co.....	Printing Agr'l. Coll. Circular.....	268 39
369	"	Rand McNally Co.....	Map of Luzon.....	6 50
370	"	Champaign Machine & Sup. Co.....	Pipe fittings, asbestos, etc.....	166 68
371	"	A. L. Ide & Sons.....	Safety caps.....	12 00
372	"	Watson Faulkener.....	Oil, paints, etc.....	93 68

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
373	1899.			
374	Aug. 31	Standard Varnish Works .....	Varnish .....	67 50
375	"	S. W. Shattuck, bus. mgr. ....	Pay-roll, students, July, 1897 .....	311 70
376	"	"	Pay-roll, men, July, 1897 .....	1,632 56
377	Sept. 15	A. E. Foote .....	Minerals .....	80 82
378	"	Bryant & McConney .....	Flour Brush .....	5 25
379	"	Chas. A. Besore .....	Lumber .....	95 57
380	"	T. H. Trevett .....	Hardware .....	17 65
381	"	Fred Kaempfer .....	Taxidermists' supplies .....	3 08
382	"	Hammond Typewriter Co. ....	Paper, etc. ....	11 15
383	"	Central Union Telephone Co. ....	Services to Sept. 30, 1899 .....	15 50
384	"	Union Roller Mills .....	Feed .....	7 50
385	"	<i>Horticultural Visitor</i> .....	Advertisement .....	10 00
386	"	S. B. Hedges .....	Straw .....	52 50
387	"	Clay, Robinson & Co. ....	Advertisement .....	10 00
388	"	Prairie Farmer Pub. Co. ....	" .....	10 00
389	"	Hannibal H. Chandler & Co. ....	" .....	10 00
390	"	Sanders Pub. Co. ....	" .....	15 00
391	"	<i>The Farmers Voice</i> .....	" .....	10 00
392	"	American Florist Co. ....	Subscription to Jan. 1, 1899 .....	1 00
393	"	The Gardening Co. ....	Subscription one year .....	2 00
394	"	Pierce Williams Co. ....	Baskets, etc. ....	26 37
395	"	J. B. Colt & Co. ....	Lantern, etc. ....	63 50
396	"	Rochester Optical Co. ....	Photographic apparatus .....	69 15
397	"	Mich. State Agricultural Coll. ....	Prints of fruit, etc. ....	29 30
398	"	Williams, Brown & Earle .....	Magnifiers .....	6 83
399	"	Richards & Co. ....	Chemicals, etc. ....	729 21
400	"	Ozias Riley, P. M. ....	Postage .....	20 00
401	"	W. W. Lindley, P. M. ....	" .....	130 00
402	"	Alex. McLean .....	Expenses .....	96 01
403	"	Fred L. Hatch .....	" .....	18 00
404	"	S. A. Bullard .....	" .....	34 15
405	"	A. F. Nightingale .....	" .....	19 65
406	"	Alice A. Abbott .....	" .....	20 25
407	"	George E. Marshall & Co. ....	Record book .....	6 00
408	"	Edward A. Eichhorst .....	Repairs on harness, etc. ....	2 30
409	"	Hubbard & Sons .....	Granite ware .....	2 25
410	"	C. H. Baddeley .....	Tumblers, etc. ....	42 37
411	"	Fuller & Fuller Co. ....	Glue .....	8 45
412	"	Hodge & Homer Co. ....	Screws .....	11 30
413	"	Bensack Lumber Co. ....	Lumber .....	512 43
414	"	Standard Oil Co. ....	Gasoline, oil, etc. ....	44 75
415	"	Y. M. C. A. ....	Advertisement .....	6 00
416	"	Ill. Society of Engin'rs & Sur's ..	" .....	15 00
417	"	George H. Benedict & Co. ....	Half tones .....	4 40
418	"	Champaign Co. Printing Co. ....	Printing envelopes .....	99 82
419	"	<i>Champaign Co. Herald</i> .....	Printing questions, etc. ....	78 05
420	"	<i>The Gazette</i> .....	Printing, etc. ....	40 40
421	"	Goes Lithographing Co. ....	Printing warrants .....	30 00
422	"	Fred A. Rich .....	Belting .....	3 54
423	"	Wm. Price Estate .....	Hanging shades, etc. ....	8 50
424	"	James B. Clow & Sons .....	Piping .....	9 37
425	"	O. A. Harker .....	Services and expenses .....	500 00
426	"	Montgomery Ward & Co. ....	Supplies .....	46 57
427	"	Henry A. Dreer .....	Seeds .....	1 75
428	"	H. Swannell & Son .....	Paint brushes, etc. ....	16 60
429	"	Burrows Bros. Co. ....	Books .....	14 00
430	"	John Schonenberger .....	Binders .....	1 95
431	"	Lemcke & Buechner .....	Books .....	3 53
432	"	West Publishing Co. ....	Law books .....	44 25
433	"	Creamery Package Mfg. Co. ....	Jars .....	8 00
434	"	Callaghan & Co. ....	Books .....	14 00
435	"	Garlock Packing Co. ....	Packing .....	24 08
436	"	Harry & Hanes .....	Meat .....	21 54
437	"	General Electrical Co. ....	Generator, etc. ....	527 33
438	"	Chas. A. Schieren & Co. ....	Belting, etc. ....	19 49
439	"	Thomas W. Gleason .....	Rods .....	13 20
440	"	Ferguson & Craig .....	Repairs on clock .....	10 00
441	"	Wm. Gaertner & Co. ....	Plate glass discs .....	20 70
442	"	Wm. J. Bohm .....	Glass tubes .....	1 60
443	"	Chas. A. Strelinger Co. ....	Drills, screws, clamps, etc. ....	17 91
444	"	E. M. Burr & Co. ....	Sewer rings, etc. ....	34 95
445	"	Kinsey & Mahler Co. ....	Gun metal casting .....	67 50
446	"	Alfred L. Robbins & Co. ....	Tubing, etc. ....	35 25
447	"	Chas. A. Besley & Co. ....	Brass and steel rods .....	16 58
448	"	Sheldon Brick Co. ....	Sand and stone .....	4 80
449	"	C. H. Russell & Co. ....	Hardware, etc. ....	30 81
450	"	Champaign Tile Factory .....	Tile .....	33 95
451	"	John B. Bennett .....	Labor, material, etc. ....	210 60

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
451	1899 Sept. 15	Wyckoff, Seamans & Benedict.	Ribbons, etc.	\$10 35
452	"	Eugene Dietzgen & Co.	Drawing paper, etc.	4 27
453	"	J. D. Green & Co.	Tacks and tags.	3 05
454	"	Abe Selicovitz.	Pipe.	3 00
455	"	Library Bureau.	Cabinets, supplies, etc.	158 70
456	"	Alexander Lumber Co.	Lumber.	880 60
457	"	Champaign Mach. & Supply Co.	Fitting, etc.	306 63
458	"	Nat. Self Winding Clock Co.	Clocks.	36 00
459	"	E. D. Gagnier.	Services, July, 1899	60 00
460	"	W. I. Saffell & Co.	Wire, staples, etc.	8 90
461	"	H. M. Shuck & Co.	Nails, etc.	3 25
462	"	Engineering News Pub. Co.	Advertisement.	7 94
463	"	N. Y. St. Am. Sheep Breeders' Association.	Books.	4 50
464	"	Arnold Tompkins.	Balance summer school salary	150 00
465	"	Twin City Electric Co.	Lamp cord, etc.	1 76
466	"	Boyer Ry. Speed Recorder Co.	Repairing recorder	12 13
467	"	Gustav E. Stechert.	Books.	196 95
468	"	Boston Book Co.	"	720 75
469	"	S. W. Shattuck, Business M'g'r	Sundry accounts.	125 99
470	"	"	Pay-roll of students, August, 1899.	284 06
471	"	"	Pay-roll of men, August, 1899.	1,831 95
472	"	"	Express.	83 01
473	"	"	Freight.	149 62
474	"	A. C. McClurg & Co.	Books, etc.	193 98
475	"	S. W. Shattuck, Business M'g'r	Freight.	198 65
476	Sept. 30	A. S. Draper.	Salary, September, 1899.	583 33
477	"	T. J. Burrill.	"	208 33
478	"	S. W. Shattuck.	"	166 66
479	"	N. C. Ricker.	"	208 33
480	"	Ira O. Baker.	"	187 50
481	"	S. A. Forbes.	"	88 33
482	"	C. W. Rolfe.	"	175 00
483	"	D. McIntosh.	"	75 00
485	"	A. N. Talbot.	"	179 16
486	"	A. W. Palmer.	"	187 50
487	"	F. F. Frederick.	"	166 66
488	"	S. W. Parr.	"	175 00
489	"	H. J. Barton.	"	175 00
490	"	Chas. M. Moss.	"	175 00
491	"	D. K. Dodge.	"	166 66
492	"	L. P. Breckenridge.	"	187 50
493	"	David Kinley.	"	208 33
494	"	Eugene Davenport.	"	104 16
495	"	A. P. Carman.	"	187 50
496	"	W. H. Jones.	"	116 66
497	"	E. B. Greene.	"	150 00
498	"	C. C. Pickett.	"	175 00
499	"	K. L. Sharp.	"	166 66
500	"	G. T. Kemp.	"	166 66
501	"	G. W. Myers.	"	166 66
502	"	W. L. Drew.	"	166 66
503	"	J. K. Shell.	"	150 00
504	"	L. A. Rhoades.	"	150 00
505	"	T. A. Clark.	"	141 66
506	"	A. H. Daniels.	"	112 50
507	"	Geo. D. Fairfield.	"	133 33
508	"	C. W. Tooke.	"	112 50
509	"	P. G. Holden.	"	70 83
510	"	Alison M. Fernie.	"	133 33
511	"	T. W. Hughes.	"	141 66
512	"	J. B. Scott.	"	208 33
513	"	W. S. Aldrich.	"	208 33
514	"	J. M. White.	"	150 00
515	"	William Esty.	"	133 33
516	"	Violet D. Jayne.	"	133 33
517	"	H. S. Grindley.	"	125 00
518	"	H. S. Piatt.	"	112 50
519	"	F. A. Sager.	"	104 16
520	"	Frank Smith.	"	116 66
521	"	C. D. McLane.	"	104 16
522	"	J. D. Phillips.	"	87 50
523	"	S. J. Temple.	"	108 33
524	"	Oscar Quick.	"	87 50
525	"	J. C. Blair.	"	56 25
526	"	W. H. Browne, Jr.	"	100 00
527	"	G. H. Meyer.	"	110 00
528	"	M. S. Ketchum.	"	100 00

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
528	1899			
Sept.	30	Geo. A. Goodenough.....	Salary, September, 1899.....	\$137 50
529	..	Mande W. Straight.....	..	91 66
530	..	Jennette E. Carpenter.....	..	90 00
531	..	George A. Huff.....	..	140 00
532	..	W. J. Fraser.....	..	45 83
533	..	C. R. Rose.....	..	95 00
534	..	Margaret Mann.....	..	75 00
535	..	C. T. Wilder.....	..	90 00
536	..	W. C. Brenke.....	..	85 00
537	..	M. B. Hammond.....	..	90 00
538	..	H. L. Schoolcraft.....	..	85 00
539	..	N. C. Brooks.....	..	80 00
540	..	E. L. Milne.....	..	80 00
541	..	Martha J. Kyle.....	..	75 00
542	..	H. L. Coar.....	..	110 00
543	..	E. C. Schmidt.....	..	100 00
544	..	E. C. Oliver.....	..	75 00
545	..	W. A. Adams.....	..	100 00
546	..	Ralph Wylie.....	..	80 00
547	..	Emma Q. Fuller.....	..	65 00
548	..	E. J. Lake.....	..	80 00
549	..	Lucy H. Carson.....	..	75 00
550	..	W. J. Kennedy.....	..	83 33
551	..	J. W. Lloyd.....	..	83 33
552	..	H. E. Ward.....	..	83 33
553	..	R. L. Short.....	..	80 00
554	..	J. H. McClellan.....	..	80 00
555	..	Jessie Y. Fox.....	..	40 00
556	..	G. P. Clinton.....	..	20 00
557	..	G. D. Hubbard.....	..	60 00
558	..	C. V. Seastone.....	..	60 00
559	..	H. V. Carpenter.....	..	60 00
560	..	J. L. Sammis.....	..	60 00
561	..	H. L. Chippis.....	..	50 00
562	..	J. F. Kable.....	..	50 00
563	..	G. M. Holferty.....	..	75 00
564	..	A. D. Shammel.....	..	25 00
565	..	D. T. Randell.....	..	50 00
566	..	A. F. Burgess.....	..	80 00
567	..	C. B. Clark.....	..	85 00
568	..	A. R. Curtiss.....	..	85 00
569	..	Henry Jones.....	..	60 00
570	..	J. H. Wilson.....	..	60 00
571	..	Frank R. Fraprie.....	..	50 00
572	..	James H. Walton, Jr.....	..	50 00
573	..	Grace O. Edwards.....	..	75 00
574	..	Laura H. Gibbs.....	..	60 00
575	..	Cecelia McConnell.....	..	50 00
576	..	Emma Jutton.....	..	50 00
577	..	F. C. Koch.....	..	30 00
578	..	H. C. Porter.....	..	30 00
579	..	R. W. Wierick.....	..	30 00
580	..	O. A. Leutwiler.....	..	30 00
581	..	G. H. Campbell.....	..	30 00
582	..	A. E. Paine.....	..	20 00
583	..	H. W. Quaintance.....	..	20 00
584	..	W. A. Hawley.....	..	10 00
585	..	E. G. Howe.....	..	150 00
586	..	Lillie A. Clendenin.....	..	70 00
587	..	C. W. Alvord.....	..	100 00
588	..	C. B. Randolph.....	..	80 00
589	..	J. W. Buchanan.....	..	70 00
590	..	W. L. Pillsbury.....	..	162 50
591	..	N. S. Spencer.....	..	125 00
592	..	Lillie Heath.....	..	75 00
593	..	L. A. Boice.....	..	60 00
594	..	W. F. Marker.....	..	60 00
595	..	Sue W. Ford.....	..	55 00
596	..	Jennie M. Ladin.....	..	50 00
597	..	Olive F. Saxton.....	..	50 00
598	..	Chas. Royall.....	..	40 00
599	..	Gertrude Shawhan.....	..	25 00
600	..	W. O. Waters.....	..	50 00
601	..	Joe Morrow.....	..	83 33
602	..	Holmes Ewalt.....	..	65 00
603	..	E. D. Gagnier.....	..	80 00
604	..	Chas. B. Ewalt.....	..	35 00
605	..	E. W. Justus.....	..	55 00

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
606	1899 Sept. 30	Spencer Stucky .....	Salary, September, 1899 .....	\$55 00
607	"	Fred Atkinson .....	" .....	60 00
608	"	E. Atkinson .....	" .....	35 00
609	"	Albert R. Lee .....	" .....	30 00
610	"	P. Adams .....	" .....	45 00
611	"	Frank Spence .....	" .....	40 00
612	"	E. A. Nelson .....	" .....	37 00
613	"	A. McGlaughlin .....	" .....	37 00
614	"	F. M. McClain .....	" .....	32 00
615	"	L. G. Lathrop .....	" .....	32 00
616	"	J. J. Johnson .....	" .....	32 00
617	"	Frank Gleason .....	" .....	32 00
618	"	H. H. Wright .....	" .....	32 00
619	"	Philip Schwehm .....	" .....	27 00
620	"	C. V. Millar .....	" .....	85 00
621	"	R. W. Stark .....	" .....	60 00
622	"	Grace Maxwell .....	" .....	40 00
623	"	D. McIntosh .....	" .....	75 00
624	"	W. A. Merritt .....	" .....	75 00
625	"	S. W. Shattuck, Business M'gr	Salary for 3 mos. to Sept. 30, 1899 ..	100 00
626	"	F. M. McKay .....	Expenses .....	37 25
627	"	N. A. Wells .....	Labor on frescoes .....	150 00
628	"	H. E. Wallis .....	Inspecting boilers .....	75 00
629	"	<i>The Gazette</i> .....	Printing circulars .....	155 35
630	"	Western Society of Engineers ..	Advertisement .....	15 00
631	"	Miss K. L. Sharp .....	Postage .....	1 82
632	"	W. S. Nott Co. ....	Roofing .....	403 27
633	"	J. D. Green .....	Repairing roof on building ..	38 95
634	"	Meacham & Wright .....	Cement .....	22 55
635	"	Eugene Dietzgen & Co. ....	Paper .....	4 66
636	"	C. & U. Phoenix Tel. Co. ....	Services, 3 mos. to Dec. 15, 1899 ..	36 00
637	"	A. Booth & Co. ....	Fish .....	1 35
638	"	G. E. Marshall & Co. ....	Ledger books, etc .....	27 00
639	"	Champaign Co. Printing Co. ....	Printing proceedings, etc .....	120 10
640	"	Eimer & Amend .....	Filters, etc .....	17 43
641	"	E. H. Sargent & Co. ....	Chemicals .....	4 66
642	"	Edward Thompson Co. ....	Book .....	3 00
643	"	Standard Varnish Works .....	Asphaltum, etc .....	57 54
644	"	Office of Publishers' Weekly ..	Annuals .....	1 50
645	"	Lemcke & Buechner .....	Books .....	1 46
646	"	Acad. of Nat. Science of Phila. ....	Proceedings for 1899 .....	5 00
647	"	West Publishing Co. ....	Book .....	6 00
648	"	Felton Sibley & Co. ....	Paint .....	7 20
649	"	Western Union Telegraph Co. ....	Telegrams .....	10 93
650	"	W. W. Lindley, postmaster .....	Postage .....	80 00
651	"	Whitall, Tatum & Co. ....	Bottles .....	17 08
652	"	Yale & Towne Mfg. Co. ....	Padlocks, etc .....	33 91
653	"	Richards & Co. ....	Wire .....	20 51
654	"	National Nurseryman Pub. Co. ....	Subscription .....	1 00
655	"	Western Rural Publishing Co. ....	Advertising .....	10 00
656	"	Joseph Tyrrell .....	Horse model .....	25 00
657	"	Cambridge Botan. Supply Co. ....	Driers .....	4 50
658	"	<i>Farmers' Call</i> .....	Advertisement .....	10 00
659	"	Champaign Tile Factory .....	Tile .....	3 10
660	"	L. K. House & Co. ....	Baskets .....	2 25
661	"	E. Davenport .....	Expenses .....	13 61
662	"	Larry & Larry .....	Sickle guards, etc .....	5 40
663	"	Callaghan & Co. ....	Law books, etc .....	4 25
664	"	Kenyon News & Postal Sub. Co. ....	Subscription .....	4 75
665	"	The MacMillan Co. ....	Publication .....	1 00
666	"	E. Henry .....	Flour and vaseline .....	3 13
667	"	Fuller & Fuller Co. ....	Corks, etc .....	48 22
668	"	Rochester Optical Co. ....	Photographic apparatus .....	1 35
669	"	Ferguson & Craig .....	Stop watches .....	20 25
670	"	Brunner & Lay .....	Tools .....	23 17
671	"	Repair Shop, U. of I. ....	Labor and material 12 mos. to July, 1899 .....	2,197 38
672	"	Chemical Laboratory, U. of I. ....	Chemicals, etc .....	4 86
673	"	Agricultural Experiment Stat'n ..	Labor with team .....	7 00
674	"	Heating apparatus, U. of I. ....	Lamps and valves furnished .....	26 63
675	"	Mechanical Department, U. of I. ....	Labor and material 12 mos. to July, 1899 .....	330 58
676	October 10	J. C. Llewellyn .....	Services as architect .....	309 42
677	"	Valentine Jobst & Sons .....	Contract on agricultural building ..	2,736 66
678	"	Jessie Y. Fox .....	Music fees in excess of salary .....	138 50
679	"	Creamery Pkg. Mfg. Co. ....	Tubs, burlaps, etc .....	6 06
680	"	J. W. Butler Paper Co. ....	Paper .....	9 25
681	"	Twin City Electric Co. ....	Tape, etc .....	1 20

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
682	1899			
682	October 10	The Hammond Typewriter Co.	Stencil paper.....	\$15 75
683	"	Bausch & Lomb Optical Co.	Paraffine, etc.....	21 05
684	"	A. C. McClurg & Co.	Stationery, etc.....	36 73
685	"	Edmund Kandler & Co.	Repairs of instruments, etc	77 30
686	"	Pittsburgh Reduction Co.	Aluminum.....	5 65
687	"	Baker & Adamson Chemical Co	Bottles, etc.....	46 30
688	"	Chas. A. Besley & Co.	Files.....	3 53
689	"	Lawton & Co.	Renfiling duplicators	13 60
690	"	G. T. Johnson	Toilet paper.....	45 00
691	"	Twin City Ice & Cold Storage Co.	Ice.....	24 25
692	"	Eugene Dietzgen & Co.	Paper.....	5 25
693	"	Keuffel & Esser Co.	Band chains, etc.....	13 84
694	"	Mittendorf & Kiler	Frames.....	3 10
695	"	Champaign Co. Printing Co.	Printing blanks, etc.....	63 50
696	"	Norman W. Henley & Co.	Books.....	4 43
697	"	Louis Klein	Leveling rod.....	11 90
698	"	James M. White	Photographs.....	10 72
699	"	Medart Patent Pulley Co.	Pulleys, etc.....	5 94
700	"	Champaign Machine & Supply Co.	Pipe fitting, etc.....	55 84
701	"	Crosby Steam Gage Valve Co.	Inductor.....	75 00
702	"	R. Abernathy	Lettering doors.....	4 00
703	"	James R. Scott	Paving bricks.....	45 90
704	"	Central Electric Co.	Fan.....	90 00
705	"	V. H. Parke & Son	Crushed granite, etc.....	380 98
706	"	Sheldon Brick Co.	Pavement of Burrill avenue	4,413 13
707	"	<i>Champaign County Herald</i>	Printing blanks, etc.....	65 12
708	"	E. M. Burr & Co.	Pipe and fittings.....	4 25
709	"	Cunningham Bros	Slides, pencils, etc.....	13 70
710	"	C. A. Besore	Lime, lumber, coal, etc.....	54 74
711	"	G. E. Stechert	Books.....	51 78
712	"	U. & C. Ry. Gas & Electric Co.	Motor power to Sept. 4, 1899.	36 50
713	"	Odin Coal Co.	Coal.....	320 00
714	"	Standard Oil Co.	Oil.....	14 41
715	"	Westinghouse, Church, Kerr & Co.	Oil.....	9 28
716	"	Bryant & McConney	Mantel, grate, etc.....	49 30
717	"	A. E. Brown	Fence.....	17 00
718	"	M. G. Snyder	Painting farm house	56 25
719	"	Thos. Naughton	Photographs.....	1 50
720	"	Hubbard & Sons	Hardware.....	22 12
721	"	D. H. Lloyd & Son	Blank books, etc.....	8 85
722	"	Chas. Percival	Cow.....	45 00
723	"	H. Swannell & Son	Oil, etc.....	22 84
724	"	G. A. Garrison	Pasturing.....	55 72
725	"	Elgin Dairy Report	Advertising.....	10 00
726	"	R. T. Robinson	Corn meal, etc.....	9 22
727	"	Knowlton & Bennett	Books.....	17 52
728	"	Nicolet & Co.	Carbide.....	1 60
729	"	C. H. Baddeley	Jars.....	298 02
730	"	G. H. Clark	Corn.....	42 00
731	"	F. K. Robeson & Bro	Sacks, etc.....	29 25
732	"	Crowell & Kirkpatrick Co.	Advertising.....	8 80
733	"	Western Union Telegraph Co.	Telegrams.....	17 39
734	"	Champaign Roller Mills	Bran and meal.....	26 25
735	"	The Smith Premier Type. Co.	Carbon paper, etc.....	5 55
736	"	Spencer Lens Co.	Microscopes, etc.....	108 85
737	"	Union Mfg. Co.	Water rent 3 mos. to Jan. 1, 1900.	250 00
738	"	<i>The Gazette</i>	Printing.....	90 09
739	"	<i>The Farm House</i>	Advertising.....	10 00
740	"	Alumni Asso. of S. I. Nor. Uni.	Advertisement.....	12 00
741	"	Public School Publishing Co.	.....	12 50
742	"	U. S. Bottle Supply Co	Corks.....	6 06
743	"	A. G. Spalding & Co.	Basket balls, etc.....	27 75
744	"	Library Bureau	Desks, etc.....	175 80
745	"	J. C. Witter Co.	Charts.....	3 28
746	"	H. S. Grindley	Milk.....	4 49
747	"	Babcock & Wilcox Co.	Beams, angles, etc.....	51 08
748	"	Lyon & Healy	Music stands, instruments, etc.	21 91
749	"	Phillips Bros	Printing pamphlets	73 50
750	"	F. E. Fitts Mfg. & Supply Co.	White waste.....	7 89
751	October 31	A. S. Draper	Salary, October, 1899.	583 33
752	"	T. J. Burrill	"	208 33
753	"	S. W. Shattuck	"	166 66
754	"	N. C. Ricker	"	208 33
755	"	Ira O. Baker	"	187 50
756	"	S. A. Forbes	"	83 33

*Warrants—Continued.*

No.	Date.	To whom.	For what.	Amount.
757	1899 October 31	C. W. Rolfe.....	Salary, October, 1899.....	\$175 00
758	"	D. McIntosh.....	"	75 00
759	"	A. N. Talbot.....	"	179 16
760	"	A. W. Palmer.....	"	187 50
761	"	F. F. Frederick.....	"	166 66
762	"	S. W. Parr.....	"	175 00
763	"	H. J. Barton.....	"	175 00
764	"	C. M. Moss.....	"	175 00
765	"	D. K. Dodge.....	"	166 66
766	"	L. P. Breckenridge.....	"	187 50
767	"	D. Kinley.....	"	208 33
768	"	E. Davenport.....	"	104 16
769	"	A. P. Carman.....	"	187 50
770	"	W. H. Jones.....	"	116 66
771	"	E. B. Greene.....	"	150 00
772	"	C. C. Pickett.....	"	175 00
773	"	Katharine L. Sharp.....	"	166 66
774	"	G. T. Kemp.....	"	166 66
775	"	G. W. Myers.....	"	166 66
776	"	W. L. Drew.....	"	166 66
777	"	J. K. Shell.....	"	150 00
778	"	L. A. Rhoades.....	"	150 00
779	"	T. A. Clark.....	"	141 66
780	"	A. H. Daniels.....	"	112 50
781	"	G. D. Fairfield.....	"	133 33
782	"	Chas. W. Tooke.....	"	112 50
783	"	P. G. Holden.....	"	70 83
784	"	Alison M. Fernie.....	"	133 33
785	"	T. W. Hughes.....	"	141 66
786	"	J. B. Scott.....	"	208 33
787	"	W. S. Aldrich.....	"	208 33
788	"	J. M. White.....	"	150 00
789	"	William Esty.....	"	133 33
790	"	Violet D. Jayne.....	"	133 33
791	"	H. S. Grindley.....	"	125 00
792	"	H. S. Platt.....	"	112 50
793	"	F. A. Sager.....	"	104 16
794	"	Frank Smith.....	"	116 66
795	"	C. D. McLane.....	"	104 16
796	"	J. D. Phillips.....	"	87 50
797	"	S. J. Temple.....	"	108 33
798	"	Oscar Quick.....	"	87 50
799	"	J. C. Blair.....	"	56 25
800	"	W. H. Brown, Jr.....	"	100 00
801	"	G. H. Meyer.....	"	110 00
802	"	M. S. Ketchum.....	"	100 00
803	"	G. A. Goodenough.....	"	137 50
804	"	Maude W. Straight.....	"	91 66
805	"	Jennette E. Carpenter.....	"	90 00
806	"	Geo. A. Huff.....	"	140 00
807	"	W. J. Fraser.....	"	45 83
808	"	C. R. Rose.....	"	95 00
809	"	Margaret Mann.....	"	75 00
810	"	C. T. Wilder.....	"	90 00
811	"	W. C. Brenke.....	"	85 00
812	"	M. B. Hammond.....	"	90 00
813	"	H. L. Schoolcraft.....	"	85 00
814	"	N. C. Brooks.....	"	80 00
815	"	E. L. Milne.....	"	80 00
816	"	Martha J. Kyle.....	"	75 00
817	"	Henry L. Coar.....	"	110 00
818	"	E. C. Schmidt.....	"	100 00
819	"	E. C. Oliver.....	"	75 00
820	"	W. A. Adams.....	"	100 00
821	"	Ralph Wylie.....	"	80 00
822	"	Emma Q. Fuller.....	"	65 00
823	"	E. J. Lake.....	"	80 00
824	"	Lucy H. Carson.....	"	75 00
825	"	W. J. Kennedy.....	"	83 33
826	"	J. W. Lloyd.....	"	83 33
827	"	G. M. Holferty.....	"	75 00
828	"	H. E. Ward.....	"	83 33
829	"	R. L. Short.....	"	80 00
830	"	J. H. McClellan.....	"	80 00
831	"	Oscar Erf.....	"	83 33
832	"	Jessie Y. Fox.....	"	40 00
833	"	G. P. Clinton.....	"	20 00
834	"	G. D. Hubbard.....	"	60 00

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
835	1899	C. V. Seastone	Salary, October, 1899.	\$60 00
836	October 31	H. V. Carpenter		60 00
837	"	J. L. Sammis		60 00
838	"	H. L. Chipps		50 00
839	"	J. F. Kable		50 00
840	"	A. D. Shamel		25 00
841	"	D. T. Randell		50 00
842	"	A. F. Burgess		80 00
843	"	J. H. Walton, Jr.		50 00
844	"	F. R. Fraprie		50 00
845	"	H. C. Marble		50 00
846	"	A. R. Curtiss		85 00
847	"	C. B. Clark		85 00
848	"	Henry Jones		60 00
849	"	J. H. Wilson		60 00
850	"	Grace O. Edwards		75 00
851	"	Laura R. Gibbs		60 00
852	"	Cecilia McConnel		50 00
853	"	Emma Jutton		50 00
854	"	F. C. Koch		30 00
855	"	H. C. Porter		30 00
856	"	R. W. Weirick		30 00
857	"	O. A. Leutwiler		30 00
858	"	G. H. Campbell		30 00
859	"	A. E. Paine		20 00
860	"	H. W. Quaintance		20 00
861	"	W. A. Hawley		10 00
862	"	E. G. Howe		150 00
863	"	Lillie A. Clendenin		70 00
864	"	C. W. Alvord		100 00
865	"	C. B. Randolph		80 00
866	"	J. W. Buchanan		70 00
867	"	W. L. Pillsbury		162 50
868	"	N. S. Spencer		125 00
869	"	Lillie Heath		75 00
870	"	L. A. Bolce		60 00
871	"	W. F. Marker		60 00
872	"	Sue W. Ford		55 00
873	"	Jennie M. Laffin		50 00
874	"	Olive F. Saxton		50 00
875	"	Chas. Royall		40 00
876	"	Gertrude Shawhan		25 00
877	"	W. O. Waters		50 00
878	"	Joe Morrow		83 33
879	"	Holmes Ewalt		65 00
880	"	E. D. Gagnier		60 00
881	"	M. T. Lindsey		40 00
882	"	J. H. Allen		40 00
883	"	C. B. Ewalt		35 00
884	"	E. W. Justus		55 00
885	"	Spencer Stuckey		55 00
886	"	Fred Atkinson		60 00
887	"	E. Atkinson		35 00
888	"	Albert Lee		30 00
889	"	W. J. Fulton		20 00
890	"	P. F. Schaefer		10 00
891	"	P. Adams		45 00
892	"	Frank Spence		40 00
893	"	E. A. Nelson		37 00
894	"	A. McGlaughlin		37 00
895	"	F. M. McClain		32 00
896	"	E. C. Patterson		32 00
897	"	J. J. Johnson		32 00
898	"	H. H. Wright		32 00
899	"	Phillip Schwehm		27 00
900	"	Frank Gleason		27 00
901	"	C. V. Millar		85 00
902	"	R. W. Stark		60 00
903	"	D. McIntosh		75 00
904	"	W. A. Merritt		75 00
905	"	Grace Maxwell		40 00
906	"	Bates & Guild Co.	"Building construction"	3 10
907	"	E. G. Keith, Treasurer	Salary of clerk, 3 mos. to Oct. 1, '99.	150 00
908	"	H. H. Teeter	Scrubbing brushes	7 50
909	"	Levi L. Barbour, Treasurer	Proceedings	7 50
910	"	Keyless Lock Co.	Locks	120 00
911	"	Alex. Nielsen	Necturus	2 40
912	"	A. Booth & Co.	Fish	1 43



## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
913	1899			
914	October 31	Miller Harness Co	Harness, repairs, etc	\$19 80
915	"	Miller & Sampson	Repairing harness, etc	61 15
916	"	R. Abernathy	Lettering signs	15 00
917	"	Union Roller Mills	Meal, shelled corn, etc.	16 60
918	"	J. B. Colt & Co	Sliding carrier	1 25
919	"	Vermont Farm Mach. Co.	Tester	24 00
920	"	G. W. Ritchey	Lantern slides	35 55
921	"	E. M. Burr & Co	Repairing clock, etc.	58 72
922	"	T. H. Trevett	Hardware	58 35
923	"	W. L. Pillsbury	Expenses	14 32
924	"	Ozias Riley, P. M.	Postage	20 00
925	"	W. W. Lindley, P. M.	"	10 00
926	"	S. W. Shattuck, business mgr.	Sundries	66 01
927	"	Alice Asbury Abbott	Expenses	17 00
928	"	A. Marcus & E. Weber	Atlas	17 37
929	"	Mittendorf & Kiler	Picture frames	16 00
930	"	Whitall, Tatum & Co.	Syringes, etc.	3 96
931	"	J. C. Sedgwick	Repairs, etc., to farm house	363 82
932	"	Walker & Mullikin	Cushions	19 58
933	"	G. Cramer Dry Plate Co	Photo supplies	31 19
934	"	Alfred L. Robbins Co.	Jars, etc	9 42
935	"	Chas. A. Strelinger Co.	Emery cloth, drills, etc.	4 47
936	"	Eugene Arnstein	Lacquer	4 58
937	"	Keuffel & Esser Co.	Set of curves	3 75
938	"	L. S. Starrett Co.	Micrometer rules, etc.	20 21
939	"	Shea, Smith & Co.	Shears, daters, carbons, etc.	10 77
940	"	General Electric Co.	Ammeters	331 40
941	"	Cunningham Bros	Stationery, plates, etc.	22 26
942	"	F. L. Busey & Co.	Cheese cloth, etc.	4 28
943	"	The Hammond Typewriter Co.	Ink, ribbons, etc.	2 45
944	"	J. W. Butler Paper Co.	Paper	4 50
945	"	Richards & Co.	Triangles	11 50
946	"	P. Ringer & Co.	Book binding	60 80
947	"	Engineering News Pub. Co.	Advertisement, 3 mos.	6 87
948	"	S. W. Shattuck, business mgr.	Express	52 23
949	"	"	Express paid	8 65
950	"	"	Pay-roll of students, Sept., 1899.	295 43
951	Nov.	10 Alex. McLean	Pay-roll of men, Sept., 1899.	1,876 55
952	"	Valentine Jobst & Son	Expenses	79 44
953	"	Baumgarten Bros.	Contract	3,472 21
954	"	J. C. Llewellyn	"	185 13
955	"	Newton A. Wells	Architect's fees	109 72
956	"	P. G. Holden	Decorations in library	100 00
957	"	J. C. Blair	Expenses of State Fair	396 53
958	"	W. J. Fraser	Expenses	27 89
959	"	L. P. Breckenridge	"	16 55
960	"	Donohue & Henneberry	"	68 24
961	"	Liquid Carbonic Acid Mfg. Co.	Blank books	15 30
962	"	James R. Scott	Drum of gas	3 00
963	"	Standard Oil Co.	Hauling coal	64 66
964	"	Babcock & Wilcox Co.	Engine oil	10 50
965	"	Am. Archt. & Bldg. News Co.	Caps.	2 88
966	"	Robt. Fletcher	Book	4 00
967	"	M. W. Sperry	Subscription	25 00
968	"	Electric Appliance Co.	Labor	17 25
969	"	Westinghouse, Church, Kerr & Co.	Bells	3 00
970	"	Geo. Wittbold	Oil	8 75
971	"	J. C. Vaughan	Seeds	20 85
972	"	G. E. Stechert	"	28 23
973	"	Shea, Smith & Co.	Books	47 17
974	"	S. W. Shattuck, Business Mgr.	Stationary, twine, pads, etc.	25 47
975	"	"	Freight	87 50
976	Nov.	20 H. McFadden & Bro	Sundry accounts	136 20
977	"	Kirkpatrick's Dept. Store	Feed	26 30
978	"	G. W. Ritchey	Boots	5 75
979	"	F. Smith	Lantern slides	11 40
980	"	F. S. Baehelder	Expenses	4 95
981	"	Baker & Adamson Chem. Co.	Earthworms	4 00
982	"	Hubbard & Son	Filters	6 59
983	"	Eugene Dietzen & Co.	Key and fitting shears	1 10
984	"	Chas. A. Besore	Paper	4 90
985	"	W. H. Paige & Co.	Plaster	2 50
986	"	The Gazette	Tuning pianos	15 00
987	"	The Pleas	Printing, etc.	18 90
988	"	Champaign County Herald	Advertisement to November 1, 1899.	8 00
989	"	Bausch & Lomb Optical Co.	Printing, etc.	40 89
			Dishes, glasses, etc.	130 61

## Warrants—Continued.

No.	Date	To whom.	For what.	Amount.
990	Nov. 20 1899	Illinois Glass Co.	Glass bottles.	\$12 84
991	Nov. 20 1899	Fuller & Fuller Co.	Chemicals, etc.	13 55
992	Nov. 20 1899	Champaign Mach. & Supply Co.	Pipe, ties, ells, etc.	12 28
993	Nov. 20 1899	Knowlton & Bennett.	Ledger paper, etc.	5 15
994	Nov. 20 1899	Ward, Leonard Elect. Co.	Rheostat	21 81
995	Nov. 20 1899	New York & Ohio Co.	Transformers	57 00
996	Nov. 20 1899	Kinsey & Mahler Co.	Brass plugs, etc.	36 12
997	Nov. 20 1899	Jones & Laughlins	Steel	44 60
998	Nov. 20 1899	Keuffel & Esser Co.	Tacks, fasteners, etc.	1 18
999	Nov. 20 1899	Yale & Towne Mfg Co.	Key blanks	4 54
1000	Nov. 20 1899	W. W. Lindley, P. M.	Stamps	30 00
1001	Nov. 20 1899	Western Electric Co.	Brackets	7 40
1002	Nov. 20 1899	Twin City Electric Co.	Batteries, wire, etc.	18 40
1003	Nov. 20 1899	Union Tile Co.	Tile	37 13
1004	Nov. 20 1899	Champaign Co. Printing Co.	Printing proposals, etc.	7 22
1005	Nov. 20 1899	Sheldon Brick Co.	Sand	15 10
1006	Nov. 20 1899	Keyless Lock Co.	Locks	65 00
1007	Nov. 20 1899	Miller & Leming	Desk and cases	77 00
1008	Nov. 20 1899	Chas. B. Hatch, Prop.	Board	4 50
1009	Nov. 20 1899	Globe Wernicke Co.	Oak desks, chairs, etc.	382 65
1010	Nov. 20 1899	Chas. A. Strelinger Co.	Chisels, drills, etc.	39 38
1011	Nov. 20 1899	Boyer Ry. Speed Recorder Co.	Wire belting	5 81
1012	Nov. 20 1899	Indiana Paper Co.	Paper	4 37
1013	Nov. 20 1899	E. Henry	Shellac, varnish, etc.	33 30
1014	Nov. 20 1899	Wm. Price Estate	Shellac, etc.	1 65
1015	Nov. 20 1899	Crescent Steel Co.	Steel	26 77
1016	Nov. 20 1899	Machinists Supply Co.	Screws, pipe, etc.	143 12
1017	Nov. 20 1899	Kenyon News & Postal Sub. Co.	Veterinary Review	2 50
1018	Nov. 20 1899	Burrows Bros. Co.	Books	14 00
1019	Nov. 20 1899	A. C. McClurg & Co.	Books, stationery, etc.	115 61
1020	Nov. 20 1899	Callaghan & Co.	Books	12 30
1021	Nov. 20 1899	Lemecke & Buechner		10 44
1022	Nov. 20 1899	P. Ringer & Co.	Book binding	496 10
1023	Nov. 20 1899	The Book Shop	Book	6 50
1024	Nov. 20 1899	Henry Disston & Son.	Repairing saws, etc.	18 00
1025	Nov. 20 1899	Nicholson File Co.	Files	19 08
1026	Nov. 20 1899	G. C. Willis	Ribbon	2 20
1026	Nov. 20 1899	Phillips Bros.	Labor	2 00
1027	Nov. 20 1899	W. R. Hissong	Corn	3 77
1029	Nov. 20 1899	Weston Elect. Instr. Co.	Multipliers, repairs, etc.	514 63
1030	Nov. 20 1899	Mittendorf & Kiler	Bed, springs, picture frames	12 95
1031	Nov. 20 1899	The Sharples Co.	Bottles	71 55
1032	Nov. 20 1899	West Publishing Co.	Law books	46 50
1033	Nov. 20 1899	Johnson & Johnson	Bandages, adhesive, etc.	12 33
1034	Nov. 20 1899	Cleveland Twist Drill Co.	Drills	15 00
1035	Nov. 20 1899	Orr & Lockett Hardware Co.	Glue, etc.	8 87
1036	Nov. 20 1899	S. C. Tucker & Bro.	Alcohol, etc.	1 35
1037	Nov. 20 1899	Schaffer & Budenberg	Guages	27 50
1038	Nov. 20 1899	Chas. J. Tagliabue	Book	1 00
1039	Nov. 20 1899	E. M. Burr & Co.	Rings and covers	20 00
1040	Nov. 20 1899	Pure Ice & Cold Storage Co.	Storage of fruit	5 00
1041	Nov. 20 1899	Orange Judd Co.	Advertisement	9 60
1042	Nov. 20 1899	Munhall Printing House	Printing	3 25
1043	Nov. 20 1899	Barney Salisbury	Clover hay	29 22
1044	Nov. 20 1899	W. F. Hardy	Twine	15 30
1045	Nov. 20 1899	H. C. Porter	Sheeting	5 07
1046	Nov. 20 1899	Champaign Roller Mills	Bran	15 00
1047	Nov. 20 1899	G. E. Gamble	Photograph	2 85
1048	Nov. 20 1899	R. Abernathy	Signs	2 00
1049	Nov. 20 1899	Watson Stillman Co.	Packing	1 74
1050	Nov. 20 1899	A. H. Barber Mfg. Co.	Tester	18 70
1051	Nov. 20 1899	Harry D. Oldham	Ink, carbons, etc.	1 10
1052	Nov. 20 1899	D. H. Burrill & Co.	Bottles, etc.	34 59
1053	Nov. 20 1899	Henry Disston's Sons	Repairing saws	4 02
1054	Nov. 20 1899	Plant Seed Co.	Grass seed	8 40
1055	Nov. 20 1899	Fred Karmpfer	Eyes	1 25
1056	Nov. 20 1899	Bryan Marsh Co.	Incandescent lamps	61 50
1057	Nov. 20 1899	J. A. Fay & Egan Co.	Chisel	3 00
1058	Nov. 20 1899	Thomas Kane & Co.	Slate	6 24
1059	Nov. 20 1899	Odin Coal Co.	Coal	169 75
1060	Nov. 20 1899	Western Electric Co.	Wire, lamp sockets, etc.	86 24
1061	Nov. 20 1899	Electric Appliance Co.	Gas fixtures, screens, etc.	11 22
1062	Nov. 20 1899	The Scattergood Co.	Mucilage stands	1 50
1063	Nov. 20 1899	The Bristol Co.	Recording voltmeter	96 00
1064	Nov. 20 1899	General Electric Co.	Globes, wire bells, etc.	24 12
1065	Nov. 20 1899	Machado & Roller	Voltmeter	198 75
1066	Nov. 20 1899	Office Stan. Wts. & Measures	Meter bar and weights	6 00
1067	Nov. 20 1899	Fairbanks, Morse & Co.	Clock weights	2 80

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
1068	1899 Nov. 20	Hugo Reisinger.....	Carbons.....	\$10 62
1069	"	Junction Mining Co.....	Coal.....	120 00
1070	"	U. & C. Ry. Gas & Elect. Co.	Gas to September 24, 1899.....	436 10
1071	"	Thomas Naughton.....	Photographs.....	13 75
1072	"	G. A. Garrison.....	Pasturing cattle.....	7 25
1073	"	Frison Bros.....	Painting and repairing.....	21 75
1074	"	Glucose Sugar Refining Co..	Gluton meal.....	98 00
1075	"	Leroy Shopp.....	Sheep.....	45 00
1076	Nov. 30	A. S. Draper.....	Salary, November 1899.....	583 33
1077	"	T. J. Burrill.....	"	208 33
1078	"	S. W. Shattuck.....	"	166 66
1079	"	N. C. Ricker.....	"	208 33
1080	"	Ira O. Baker.....	"	187 50
1081	"	S. A. Forbes.....	"	83 33
1082	"	C. W. Rolfe.....	"	175 00
1083	"	D. McIntosh.....	"	75 00
1084	"	A. N. Talbot.....	"	179 16
1085	"	A. W. Palmer.....	"	187 50
1086	"	F. F. Frederick.....	"	166 66
1087	"	S. W. Parr.....	"	175 00
1088	"	H. J. Barton.....	"	175 00
1089	"	C. M. Moss.....	"	175 00
1090	"	D. K. Dodge.....	"	166 66
1091	"	L. P. Breckenridge.....	"	187 50
1092	"	D. Kinley.....	"	208 33
1093	"	E. Davenport.....	"	104 16
1094	"	A. P. Carman.....	"	187 50
1095	"	W. H. Jones.....	"	116 66
1096	"	E. B. Greene.....	"	150 00
1097	"	C. C. Pickett.....	"	175 00
1098	"	Katharine L. Sharp.....	"	166 66
1099	"	G. T. Kemp.....	"	166 66
1100	"	G. W. Myers.....	"	166 66
1101	"	W. L. Drew.....	"	166 66
1102	"	J. K. Shell.....	"	150 00
1103	"	L. A. Rhoades.....	"	150 00
1104	"	T. A. Clark.....	"	141 66
1105	"	A. H. Daniels.....	"	112 50
1106	"	G. D. Fairfield.....	"	133 33
1107	"	G. W. Tooke.....	"	112 50
1108	"	P. G. Holden.....	"	70 83
1109	"	Alison M. Fernie.....	"	133 33
1110	"	T. W. Hughes.....	"	141 66
1111	"	J. B. Scott.....	"	208 33
1112	"	W. S. Aldrich.....	"	208 33
1113	"	James M. White.....	"	150 00
1114	"	William Esty.....	"	133 33
1115	"	Violet D. Jayne.....	"	133 33
1116	"	H. S. Grindley.....	"	125 00
1117	"	H. S. Piatt.....	"	112 50
1118	"	F. A. Sager.....	"	104 16
1119	"	Frank Smith.....	"	116 66
1120	"	C. D. McLane.....	"	104 16
1121	"	J. D. Phillips.....	"	87 50
1122	"	S. J. Temple.....	"	108 33
1123	"	Oscar Quick.....	"	87 50
1124	"	J. C. Blair.....	"	56 25
1125	"	W. H. Browne, Jr.....	"	100 00
1126	"	G. H. Meyer.....	"	110 00
1127	"	M. S. Ketchum.....	"	100 00
1128	"	G. A. Goodenough.....	"	137 50
1129	"	Maude W. Straight.....	"	91 66
1130	"	Jennette E. Carpenter.....	"	90 00
1131	"	G. A. Huff, Jr.....	"	140 00
1132	"	W. J. Fraser.....	"	45 83
1133	"	C. R. Rose.....	"	95 00
1134	"	Margaret Mann.....	"	75 00
1135	"	C. T. Wilder.....	"	90 00
1136	"	W. C. Brenke.....	"	85 00
1137	"	M. B. Hammond.....	"	90 00
1138	"	H. L. Schoolcraft.....	"	85 00
1139	"	N. C. Brooks.....	"	80 00
1140	"	E. L. Milne.....	"	80 00
1141	"	Martha J. Kyle.....	"	75 00
1142	"	Henry L. Coar.....	"	110 00
1143	"	E. C. Schmidt.....	"	100 00
1144	"	E. C. Oliver.....	"	75 00
1145	"	W. A. Adams.....	"	100 00

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
1146	1899	Ralph Wylie.....	Salary, November 1899.....	\$80 00
1147	Nov. 30	Emma Q. Fuller.....	"	65 00
1148	"	E. J. Lake.....	"	80 00
1149	"	Lucy H. Carson.....	"	75 00
1150	"	W. J. Kennedy.....	"	83 33
1151	"	J. W. Lloyd.....	"	83 33
1152	"	G. M. Holferty.....	"	75 00
1153	"	H. E. Ward.....	"	83 33
1154	"	E. L. Short.....	"	80 00
1155	"	J. H. McClellan.....	"	80 00
1156	"	Oscar Erf.....	"	83 33
1157	"	Jessie Y. Fox.....	"	40 00
1158	"	G. P. Clinton.....	"	20 00
1159	"	G. D. Hubbard.....	"	60 00
1160	"	C. V. Seastone.....	"	60 00
1161	"	H. V. Carpenter.....	"	60 00
1162	"	J. L. Sammis.....	"	60 00
1163	"	H. L. Chipps.....	"	50 00
1164	"	J. F. Kable.....	"	50 00
1165	"	A. D. Shamel.....	"	25 00
1166	"	D. T. Randall.....	"	50 00
1167	"	A. F. Burgess.....	"	80 00
1168	"	J. H. Walton, Jr.....	"	50 00
1169	"	F. R. Fraprie.....	"	50 00
1170	"	H. C. Marble.....	"	50 00
1171	"	A. R. Curtiss.....	"	85 00
1172	"	C. B. Clark.....	"	85 00
1173	"	Henry Jones.....	"	60 00
1174	"	J. H. Wilson.....	"	60 00
1175	"	Grace O. Edwards.....	"	75 00
1176	"	Laura R. Gibbs.....	"	60 00
1177	"	Cecilia McConnell.....	"	50 00
1178	"	Emma R. Jutton.....	"	50 00
1179	"	F. C. Koch.....	"	30 00
1180	"	H. C. Porter.....	"	30 00
1181	"	R. W. Weirick.....	"	30 00
1182	"	O. A. Lentwiler.....	"	30 00
1183	"	G. H. Campbell.....	"	30 00
1184	"	A. E. Paine.....	"	20 00
1185	"	H. W. Quaintance.....	"	20 00
1186	"	W. A. Hawley.....	"	10 00
1187	"	E. G. Howe.....	"	150 00
1188	"	Lillie A. Clendenin.....	"	70 00
1189	"	C. W. Alvord.....	"	100 00
1190	"	C. B. Randolph.....	"	80 00
1191	"	J. W. Buchanan.....	"	70 00
1192	"	W. L. Pillsbury.....	"	162 50
1193	"	N. S. Spencer.....	"	125 00
1194	"	Lillie Heath.....	"	75 00
1195	"	L. A. Boice.....	"	60 00
1196	"	W. F. Marker.....	"	60 00
1197	"	Sue W. Ford.....	"	55 00
1198	"	Jennie M. Lavin.....	"	50 00
1199	"	Oliver F. Saxton.....	"	50 00
1200	"	Chas. Royall.....	"	40 00
1201	"	Gertrude Shawhan.....	"	25 00
1202	"	W. O. Waters.....	"	50 00
1203	"	Joe Morrow.....	"	83 33
1204	"	H. Ewalt.....	"	65 00
1205	"	E. D. Gagnier.....	"	60 00
1206	"	M. T. Lindsey.....	"	40 00
1207	"	I. H. Allen.....	"	40 00
1208	"	C. B. Ewalt.....	"	35 00
1209	"	E. W. Justus.....	"	55 00
1210	"	Spencer Stuckey.....	"	55 00
1211	"	Fred Atkinson.....	"	60 00
1212	"	E. Atkinson.....	"	35 00
1213	"	Albert R. Lee.....	"	30 00
1214	"	W. J. Fulton.....	"	20 00
1215	"	P. P. Schaefer.....	"	10 00
1216	"	Pearl Adams.....	"	45 00
1217	"	Frank Spence.....	"	40 00
1218	"	E. A. Nelson.....	"	37 00
1219	"	A. McGlaughlin.....	"	37 00
1220	"	F. M. McClain.....	"	32 00
1222	"	J. J. Johnson.....	"	32 00

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
1223	Nov. 30	1899		
1224	"	Frank Gleason	Salary, November 1899	\$32 00
1225	"	H. H. Wright	"	32 00
1226	"	Philip Schwebm	"	27 00
1227	"	C. V. Millar	"	85 00
1228	"	R. W. Stark	"	60 00
1229	"	Grace Maxwell	"	40 00
1230	"	D. McIntosh	"	75 00
1231	"	D. H. Clark	"	49 75
1232	"	Western Elect. Instrument Co.	Repairs	14 93
1233	"	J. C. Vaughan	Seeds	1 50
1234	"	Champaign Co. Printing Co.	Printing blanks	59 50
1235	"	Schaeffer & Budenberg	Glass pens	1 80
1236	"	Fuller & Fuller Co.	Mercury	8 64
1237	"	Shea, Smith & Co.	Stencil paper, etc.	8 65
1238	"	Kinsey & Mahler	Castings	2 03
1239	"	Watson Faulkner	Alcohol	25 70
1240	"	Chas. A. Strelinger Co.	Tools	36 86
1241	"	Jones & Laughlins	Steel	11 34
1242	"	Chas. H. Besly & Co.	Brass rods	41 73
1243	"	Black Top Marino Sheep		
1244	"	Breeders Association	Books	3 00
1245	"	Library Bureau	Cards, etc.	40 05
1246	"	Boston Book Co.	Books	240 50
1247	"	Lemcke & Buechner	"	9 45
1248	"	W. F. Hardy	Pump and fittings	9 45
1249	"	E. A. Robinson	Galvanized pipe, etc.	17 62
1250	"	Barney Salisbury	Hay	32 85
1251	"	Champaign Co. Herald	Printing blanks, etc.	17 00
1252	"	Blue print department	Prints, slides, etc.	201 73
1253	"	E. Henry	Brooms, soap, etc.	9 10
1254	"	T. H. Trevett	Hardware	28 65
1255	"	Chas. A. Besore	Lumber, etc.	145 88
1256	"	Miller & Leming	Stakes	3 00
1257	"	Hibbard & Sons	Hardware	25 89
1258	"	Wm. Price Estate	Paints, oils, canvas, etc.	113 38
1259	"	H. Swannell & Son	Paints, oils, etc.	145 18
1260	"	C. Mach. & Supply Co.	Pipe and fittings	57 36
1261	"	Union Tile Co.	Tile	240 30
1262	"	E. M. Burr & Co.	Gutter plates	14 40
1263	"	Riehl Bros. Testing Mach. Co.	Gravity apparatus	20 50
1264	"	Ira O. Baker	Expenses	5 08
1265	"	Fay & Scott	Lathe with rest	135 00
1266	"	Crosby Steam Gage & Valve Co.	Inductors, etc.	52 00
1267	"	The Rogers Mfg. Co.	Vaccine points	22 50
1268	"	Bausch & Lomb Optical Co.	Objectives, etc.	267 22
1269	"	James B. Clow & Son	Pipe	228 81
1270	"	G. E. Stechert	Books	30 47
1271	"	D. H. Lloyde & Son	Stationery, etc.	48 72
1272	"	L. Werner	Books	24 98
1273	"	Carroll D. Wright	Expenses	150 00
1274	"	J. R. Scott	Hauling coal	111 42
1275	"	S. W. Shattuck, bus. mgr.	Sundry accounts	152 09
1276	"	"	Pay-roll, students, Oct., 1899	287 46
1277	"	"	Pay-roll, men, Oct., 1899	1,300 07
1278	"	"	Expenses	10 31
1279	"	James Little	Coal	22 42
1280	"	A. M. Coffeen	"	16 73
1281	"	Orr & Lockett Hdw. Co.	Screws, files, locks, etc.	78 18
1282	"	Henry Disston Co.	Band saws, etc.	9 06
1283	"	W. H. Sargent & Co.	Chemicals	1 35
1284	"	A. E. Wuesteman	Diamond	5 00
1285	"	W. W. Walls & Co.	Lime	1 50
1286	"	Baker & Adamson Chem. Co.	Acid, bottles, etc.	20 60
1287	"	Wm. Bohm	Gas apparatus	10 25
1288	"	Creamery Package Mfg. Co.	Jars	43 56
1289	"	C. H. Baddeley	Soda, etc.	8 34
1290	"	Studebaker Wagon Co.	Phaeton	120 00
1291	"	Eyanson & Armpriester	Switch board	1 45
1292	"	B. Mollet	Paint	1 50
1293	"	Munhall Printing House	Printing	1 25
1294	"	J. C. Vaughan	Seeds	13 00
1295	"	G. C. Willis	Felt, crash, etc.	6 13
1296	"	Library Bureau	Cards and pens	7 00
1297	"	Medart Patent Pulley Co.	Pulleys	20 12
1298	"	Jones & Laughlins	Steel, etc.	14 26
1299	"	Daniels Coal & Coke Co.	Blacksmith coal	32 95
1300	"	The Norton Emery Wheel Co.	Emery wheels	27 54
1301	"	The Otto Gas Engine Works	Insulators	1 28

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
1300	Dec. 9	James & Foote	Gears.	\$14 00
1301	"	Eggleston Bros.	Tuning piano	2 50
1302	"	Lyon & Healy	Folios, etc.	4 33
1303	"	Smith Premier Typewriter Co.	Ribbons	6 00
1304	"	<i>Champaign Co. Herald</i>	Printing.	18 25
1305	"	Chas. W. Groves	Directory of Illinois.	3 00
1306	"	Chas. A. Besore	Lumber.	187 23
1307	"	Callaghan & Co.	Books, etc.	5 00
1308	"	Kenyon News & Postal Sub. Co	Rubber type, etc.	4 23
1309	"	<i>The Albany Journal</i>	Books.	1 80
1310	"	A. L. A. Pub. Section	Book.	1 50
1311	"	P. Ringer & Co.	Book binding	68 40
1312	"	G. E. Stechert.	Books.	26 20
1313	"	S. B. Hedges	Hay.	8 36
1314	"	Lemcke & Buechner	Books.	4 69
1315	"	The Garlock Pkg Co	Packing	2 02
1316	"	American Radiator Co.	Air valves	1 40
1317	"	Link Belt Mach. Co.	Gears, etc.	38 58
1318	"	Eugene Dietzgen Co.	Paper, etc.	29 55
1319	"	James A. Stone & Son	Lamb.	15 00
4320	"	Frison Bros.	Repairing, etc.	6 00
1321	"	Karlier Grocery Co.	Paint, brushes, etc.	1 45
1322	"	Fairbanks, Morse & Co.	Scales.	15 50
1323	"	<i>Wool Markets &amp; Sheep</i>	Advertisement.	2 80
1324	"	John J. Gates & Co.	Lambs.	25 00
1325	"	Eimer & Amend	Weights, etc.	39 88
1326	"	A. F. Nightingale	Expenses	17 75
1327	"	Alex. McLean		48 96
1328	"	Woodside Coal Co.	Coal.	180 00
1329	"	J. K. Scott	Hauling coal	29 92
1330	"	Machinists Supply Co.	Screws, bolts, etc.	27 72
1331	"	John M. Rogers Boat, Guage & Drill Works	Brads.	6 32
1332	"	G. H. Schanbacher	Frescoing rooms.	246 85
1333	"	The Moore Gabbert Co.	Sash and lights	69 15
1334	"	V. H. Park & Co	Chimney top	3 50
1335	"	J. D. Green	Tin work, etc.	62 80
1336	"	Watson Faulkner	Paints, oils, etc.	45 64
1337	"	Bruce Fink	Lichens.	14 15
1338	"	James Colegrove	Fence.	40 20
1339	"	Weston Elect. Instr. Co	Repairing multipliers.	40 09
1340	"	Alexander Lumber Co.	Lumber.	79 90
1341	"	Junction Mining Co.	Coal.	30 00
1342	"	Bates & Guild Co.	Pen drawing	1 00
1343	"	The Carborundum Co.	Carbonhue	1 33
1344	"	Commercial Elect. Supply Co.	Lamp cord, cleats, etc.	78 85
1345	"	W. W. Lindley, P. M.	Postage.	60 00
1346	"	Ozias Riley, P. M.		55 00
1347	"	V. Jobst & Son	Contract.	7,896 74
1348	"	Baumgarten Bros.		292 14
1349	"	J. C. Llewellyn	Architect's commission	245 36
1350	"	S. W. Shattuck, bus. mgr	Sundry accounts.	38 01
1351	"	Newton A. Wells	Labor on decorations	100 00
1352	"	Kinsey & Mahler Co.	Brass castings.	17 64
1353	"	Nagle Engine & Boiler Works.	Engine	137 50
1354	"	R. F. Palmer	Thermometers.	21 00
1355	"	W. E. Rumsey	Lantern slides	10 00
1356	"	D. H. Lloyd & Son.	Sheet music, etc.	11 12
1357	"	Pearson Bros.	Pad.	18 00
1358	"	Shea, Smith & Co.	Labels, rubber, stamps, etc.	3 40
1359	"	Chas. A. Strelinger Co.	Hand saw, etc.	25 07
1360	"	Champaign Mach. & Supply Co	Pipe fittings, etc.	29 84
1361	"	Champaign Co. Printing Co.	Printing program, etc.	35 50
1362	"	S. W. Shattuck, bus. mgr	Expenses.	88 68
1363	"	Ira O. Baker	Expenses for lecturer.	12 00
1364	"	<i>The Champaign Times</i>	Printing.	2 00
1365	"	Fuller & Fuller Co.	Chemicals.	7 20
1366	"	Bausch & Lomb Optical Co.	Objectives, etc.	52 06
1367	"	Standard Oil Co.	Oil.	88 78
1368	"	<i>The Gazette</i>	Printing.	43 25
1369	"	Cunningham Bros.	Tracing cloth	64 33
1370	"	Electric Appliance Co.	Pliers, copper wire, etc.	14 13
1371	"	Herbert J. Barton	Expenses.	7 93
1372	"	Violet D. Jayne	"	8 50
1373	"	W. L. Pillsbury	"	12 75
1374	"	A. N. Talbot	"	5 85
1375	"	P. G. Holden	"	7 35
1376	Dec. 20	Alex. McLean	"	44 28

*Warrants—Continued.*

No.	Date.	To whom.	For what.	Amount.
1377	1899.			
1377	Dec. 20	Mary T. Carriel .....	Expenses .....	\$70 15
1378	"	S. A. Bullard .....	" .....	54 40
1379	"	W. H. Fulkerson .....	" .....	27 05
1380	"	Fred Hatch .....	" .....	22 00
1381	"	Alice A. Abbott .....	" .....	18 10
1382	"	Bryant & McConney .....	Fire set, etc .....	4 75
1383	"	Twin City Ice & Cold St'ge Co.	Ice .....	12 00
1384	"	John B. Bennett .....	Digging well and repairing cistern.	114 25
1385	"	Am. H'd Cattle Breeders' Ass'n	Books .....	19 00
1386	"	Henry M. Dunlap .....	Making cider, etc .....	30 86
1387	"	Sanders Publishing Co .....	Herd register .....	2 00
1388	"	R. D. Swisher Mfg. Co. ....	Stamps .....	6 60
1389	"	Baddeley & Barton .....	Jars, etc .....	39 75
1390	"	G. A. Garrison .....	Pasturing cattle .....	17 00
1391	"	American Sheep Breeders .....	Advertisement .....	5 00
1392	"	P. Ringer & Co. ....	Mounting maps, etc .....	50 00
1393	"	James G. Biddle .....	Spectro-goniometers .....	250 09
1394	"	Jenney Electric Mfg. Co. ....	Armatures repaired .....	25 57
1395	"	Jones & Laughlins .....	Steel .....	6 67
1396	"	Wm. J. Bohm .....	Lead guage, etc .....	4 95
1397	"	Queen & Co .....	Repairing, etc .....	15 80
1398	"	Walker & Mulliken .....	Waste baskets, etc .....	2 00
1399	"	Edward Thompson Co. ....	Book .....	3 00
1400	"	Bausch & Lomb Optical Co. ....	Steel squares, etc .....	5 95
1401	Dec. 30	A. S. Draper .....	Salary, December, 1899.	583 33
1402	"	T. J. Burrill .....	" .....	208 33
1403	"	S. W. Shattuck .....	" .....	166 66
1404	"	N. C. Ricker .....	" .....	208 33
1405	"	Ira O. Baker .....	" .....	187 50
1406	"	S. A. Forbes .....	" .....	83 33
1407	"	C. W. Rolfe .....	" .....	175 00
1408	"	D. McIntosh .....	" .....	75 00
1409	"	A. N. Talbot .....	" .....	179 16
1410	"	A. W. Palmer .....	" .....	187 50
1411	"	F. F. Frederick .....	" .....	166 66
1412	"	S. W. Farr .....	" .....	175 00
1413	"	H. J. Barton .....	" .....	175 00
1414	"	C. M. Moss .....	" .....	175 00
1415	"	D. K. Dodge .....	" .....	166 66
1416	"	L. P. Breckenridge .....	" .....	187 50
1417	"	D. Kinley .....	" .....	208 33
1418	"	E. Davenport .....	" .....	104 16
1419	"	A. P. Carman .....	" .....	187 50
1420	"	W. H. Jones .....	" .....	116 66
1421	"	E. B. Greene .....	" .....	150 00
1422	"	C. C. Pickett .....	" .....	175 00
1423	"	Katharine L. Sharp .....	" .....	166 66
1424	"	G. T. Kemp .....	" .....	166 66
1425	"	G. W. Myers .....	" .....	166 66
1426	"	W. L. Drew .....	" .....	166 66
1427	"	J. K. Shell .....	" .....	150 00
1428	"	L. A. Rhoades .....	" .....	150 00
1429	"	T. A. Clark .....	" .....	141 66
1430	"	A. H. Daniels .....	" .....	112 50
1431	"	G. D. Fairfield .....	" .....	133 33
1432	"	C. W. Tooke .....	" .....	112 50
1433	"	P. G. Holden .....	" .....	70 83
1434	"	Alison M. Fernie .....	" .....	133 33
1435	"	T. W. Hughes .....	" .....	141 66
1436	"	J. B. Scott .....	" .....	208 33
1437	"	W. S. Aldrich .....	" .....	208 33
1438	"	James M. White .....	" .....	150 00
1439	"	William Esty .....	" .....	133 33
1440	"	Violet D. Jayne .....	" .....	133 33
1441	"	H. S. Grindley .....	" .....	125 00
1442	"	H. S. Piatt .....	" .....	112 50
1443	"	F. A. Sager .....	" .....	104 16
1444	"	Frank Smith .....	" .....	116 66
1445	"	C. D. McLane .....	" .....	104 16
1446	"	J. D. Phillips .....	" .....	87 50
1447	"	S. J. Temple .....	" .....	108 33
1448	"	Oscar Quick .....	" .....	87 50
1449	"	J. C. Blair .....	" .....	56 25
1450	"	W. H. Browne, Jr. ....	" .....	100 00
1451	"	G. H. Meyer .....	" .....	110 00
1452	"	M. S. Ketchum .....	" .....	100 00
1453	"	G. A. Goodenough .....	" .....	137 50
1454	"	S. D. Brooks .....	" .....	133 33

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
1455	Dec. 30, 1899.	Mauda W. Straight	Salary, December, 1899	\$91 66
1456	..	Jennette E. Carpenter	..	90 00
1457	..	Geo. A. Huff	..	140 00
1458	..	W. J. Fraser	..	45 83
1459	..	C. R. Rose	..	95 00
1460	..	Margaret Mann	..	75 00
1461	..	C. T. Wilder	..	90 00
1462	..	W. C. Brenke	..	85 00
1463	..	M. B. Hammond	..	90 00
1464	..	H. L. Schoolcraft	..	85 00
1465	..	N. C. Brooks	..	80 00
1466	..	E. L. Milne	..	80 00
1467	..	Martha J. Kyle	..	75 00
1468	..	Henry L. Coar	..	110 00
1469	..	E. C. Schmidt	..	100 00
1470	..	E. C. Oliver	..	75 00
1471	..	W. A. Adams	..	100 00
1472	..	Ralph Wylie	..	80 00
1473	..	Emma Q. Fuller	..	65 00
1474	..	E. J. Lake	..	80 00
1475	..	Lucy H. Carson	..	75 00
1 76	..	W. J. Kennedy	..	83 33
1477	..	J. W. Lloyd	..	83 33
1478	..	G. M. Holferty	..	75 00
1479	..	H. E. Ward	..	83 33
1480	..	R. L. Short	..	80 00
1481	..	J. H. McClellan	..	80 00
1482	..	Oscar Erf	..	83 33
1483	..	Jessie Y. Fox	..	40 00
1484	..	G. P. Clinton	..	20 00
1485	..	G. D. Hubbard	..	60 00
1486	..	C. V. Seastone	..	60 00
1487	..	H. V. Carpenter	..	60 00
1488	..	J. L. Sammis	..	60 00
1489	..	H. L. Chipps	..	50 00
1490	..	J. F. Kable	..	50 00
1491	..	A. D. Shamel	..	25 00
1492	..	D. T. Randall	..	50 00
1493	..	A. F. Burgess	..	80 00
1494	..	James H. Walton, Jr.	..	50 00
1495	..	F. R. Fraprie	..	50 00
1496	..	H. C. Marble	..	50 00
1497	..	A. R. Curtiss	..	85 00
1498	..	C. B. Clark	..	85 00
1499	..	Henry Jones	..	60 00
1500	..	J. H. Wilson	..	60 00
1501	..	Grace O. Edwards	..	75 00
1502	..	Laura R. Gibbs	..	60 00
1503	..	Cecilia McConnel	..	50 00
1504	..	Emma R. Jutton	..	50 00
1505	..	F. C. Koch	..	30 00
1506	..	H. C. Porter	..	30 00
1507	..	R. W. Weirick	..	30 00
1508	..	O. A. Leutwiler	..	30 00
1509	..	A. E. Paine	..	20 00
1510	..	G. H. Campbell	..	30 00
1511	..	H. W. Quaintance	..	20 00
1512	..	W. A. Hawley	..	10 00
1513	..	E. G. Howe	..	150 00
1514	..	Lillie A. Clendenin	..	70 00
1515	..	C. W. Alvord	..	100 00
1516	..	C. B. Randolph	..	80 00
1517	..	J. W. Buchanan	..	70 00
1518	..	W. L. Pillsbury	..	162 50
1519	..	N. S. Spencer	..	125 00
1520	..	Lillie Heath	..	75 00
1521	..	L. A. Boice	..	60 00
1522	..	W. F. Marker	..	60 00
1523	..	Sue W. Ford	..	55 00
1524	..	Jennie M. Laffin	..	50 00
1522	..	Olive F. Saxton	..	50 00
1526	..	Chas. Royall	..	40 00
1527	..	Gertrude Shawhan	..	25 00
1528	..	W. O. Waters	..	50 00
1529	..	Joe Morrow	..	83 33
1530	..	Holmes Ewalt	..	65 00
1531	..	E. D. Gagnier	..	60 00
1532	..	M. T. Lindsey	..	40 00



## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
1533	1899.			
1534	Dec. 30	I. H. Allen .....	Salary, December, 1899.....	\$40 00
1535	"	Chas. B. Ewalt .....	" .....	35 00
1536	"	E. W. Justus .....	" .....	55 00
1537	"	Spencer Stuckey .....	" .....	55 00
1538	"	Fred Atkinson .....	" .....	60 00
1539	"	E. Atkinson .....	" .....	35 00
1540	"	Albert R. Lee .....	" .....	30 00
1541	"	W. J. Fulton .....	" .....	20 00
1542	"	P. P. Schaefer .....	" .....	10 00
1543	"	P. Adams .....	" .....	45 00
1544	"	Frank Spence .....	" .....	40 00
1545	"	E. A. Nelson .....	" .....	37 00
1546	"	A. McLaughlin .....	" .....	37 00
1547	"	F. M. McClain .....	" .....	32 00
1548	"	E. C. Patterson .....	" .....	32 00
1549	"	J. J. Johnson .....	" .....	32 00
1550	"	Frank Gleason .....	" .....	32 00
1551	"	H. H. Wright .....	" .....	32 00
1552	"	Philip Schwehm .....	" .....	27 00
1553	"	C. V. Millar .....	" .....	85 00
1554	"	R. W. Stark .....	" .....	60 00
1555	"	D. McIntosh .....	" .....	75 00
1556	"	Grace Maxwell .....	" .....	40 00
1557	"	S. W. Shattuck, Business Mgr.	Salary, 3 months, to Dec. 31, 1899.....	100 00
1558	"	John H. Savage .....	Sewerage assessments .....	775 30
1559	"	Chas. A. Besore .....	Lumber, coal, etc. ....	308 07
1560	"	Richards & Co. ....	Rubber tubing, etc. ....	81 28
1561	"	Munhall Printing House .....	Printing record blanks .....	6 25
1562	"	Walker Elec. Construction Co.	Express charges .....	2 00
1563	"	Furgeson & Craig .....	Crystals .....	1 00
1564	"	<i>The Gazette</i> .....	Printing, etc. ....	13 75
1565	"	Eimer & Amend .....	Rubber stoppers, etc. ....	27 94
1566	"	E. M. Burr & Co. ....	Special burners .....	19 00
1567	"	C. H. Baddely .....	Groceries, etc. ....	18 23
1568	"	Champaign & Urbana Water Co.	Water rent to April 1, 1900.....	250 00
1569	"	Bausch & Lomb Optical Co.	Slips, etc. ....	5 35
1570	"	Burrows Bros. Co. ....	Books .....	7 00
1571	"	Odin Coal Co. ....	Coal .....	398 80
1572	"	James R. Scott .....	Hauling coal .....	132 09
1573	"	H. M. Shuck & Co. ....	Nails, etc. ....	3 15
1574	"	Peter Herr .....	Chain tape .....	3 34
1575	"	C. H. Russell & Co. ....	Shovel .....	1 00
1576	"	Justice Roe & Sons .....	Tape .....	3 20
1577	"	A. F. Nightingale .....	Expenses .....	29 90
1578	"	T. J. Smith .....	" .....	29 70
1579	"	F. M. McKay .....	" .....	41 50
1580	"	A. S. Draper .....	" 6 mos. to Dec. 19, 1899.....	197 21
1581	"	W. L. Pillsbury .....	" .....	14 16
1582	"	Cunningham & Boggs .....	Consultation fee .....	20 00
1583	"	North Central Association .....	Fees .....	3 00
1584	"	Chas. J. Tagliabue .....	Thermometers .....	28 00
1585	"	Crosby St'm Guage & Valve Co.	Reducing wheel .....	20 00
1586	"	E. P. Reichelm & Co. ....	Furnaces .....	145 60
1587	"	Schaefer & Budenberg .....	Water meter .....	43 20
1588	"	Medart Patent Pulley Co. ....	Plugs .....	3 69
1589	"	Chas. Strelinger Co. ....	Brads, screws, etc. ....	20 38
1590	"	Kinsey & Mahler Co. ....	Brass plugs, etc. ....	17 36
1591	"	Fuller & Fuller Co. ....	Chemicals, etc. ....	85 58
1592	"	Wagner Electric Mfg. Co. ....	Motor .....	167 50
1593	"	Peoria Steam Marble Works .....	Slate slabs .....	79 92
1594	"	W. W. Lindley .....	Postage .....	34 00
1595	"	S. W. Shattuck, business mgr.	Sundry accounts .....	171 02
1596	"	S. W. Shattuck, business mgr.	Express .....	31 55
1597	"	S. W. Shattuck, business mgr.	" .....	54 93
1598	"	S. W. Shattuck, business mgr.	Freight .....	99 79
1599	"	S. W. Shattuck, business mgr.	" .....	367 95
1600	"	S. W. Shattuck, business mgr.	Pay-roll, students, November, 1899.	309 61
1601	"	Richards & Co. ....	Pay-roll, men, November, 1899.....	1,268 25
1602	"	The Boston Book Co. ....	Test tubes, chemicals, etc. ....	494 39
1603	"	Am. Inst. of Elect. Engineers .....	Books .....	42 50
1604	"	The Johns Hopkins Press .....	Book .....	5 75
1605	"	Lemcke & Buechner .....	Publication .....	1 00
1606	"	G. E. Stechert .....	Books .....	8 23
1607	"	The Kenyon News & P. S. Co.	" .....	16 55
1608	"	<i>The Pleas</i> .....	Subscription .....	412 00
1609	"	Chas. T. Witt .....	Advertisement Nov. and Dec. ....	4 00
1610	"	G. C. Willis .....	Halter straps, etc. ....	6 25
			Crash, muslin, etc. ....	26 11

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
1611	Dec. 30	1899		
1612	Dec. 30	D. H. Lloyd & Son	Films	\$20 35
1613	Dec. 30	H. Swannell & Son	Chemicals, etc.	8 32
1614	Dec. 30	Reading Hardware Co.	Screws, bolts, etc.	10 24
1615	Dec. 30	Pratt & Whitney Co.	Taps, etc.	1 49
1616	Dec. 30	Walsh & Wyeth	Corro gated air cell	5 00
1617	Dec. 30	W. P. Buchanan	Photo clips	2 07
1618	Dec. 30	T. H. Trevett	Hardware	34 95
1619	Dec. 30	Champaign County Herald	Printing blanks	3 25
1620	Dec. 30	Chas. H. Besley & Co.	Tubing, steel, etc.	4 34
1621	Dec. 30	Hubbard & Sons	Hardware	16 90
1622	Dec. 30	Eastman Kodak Co.	Plate holder	1 14
1623	Dec. 30	Alexander Lumber Co.	Lumber, etc.	56 08
1624	Dec. 30	W. W. Walls & Co.	Posts	21 22
1625	Dec. 30	Champaign Machine & Sup. Co.	Pipe fittings, etc.	42 37
1626	Jan. 10	1900		
1627	Jan. 10	Machinist Supply Co.	Taps, belt, etc.	5 50
1628	Jan. 10	V. Jobst & Sons	Contract	4,965 33
1629	Jan. 10	Baumgarten Bros.		135 07
1630	Jan. 10	J. C. Llewellyn	Architect's commission	153 00
1631	Jan. 10	A. H. Andrews Co.	Slate blackboard, etc.	13 99
1632	Jan. 10	Eimer & Amend	Cork, chemicals, etc.	55 19
1633	Jan. 10	F. K. Robeson & Bro.	Crash, muslin, etc.	15 19
1634	Jan. 10	L. V. Manspeaker	Clothespins	1 70
1635	Jan. 10	E. H. Howe	Expenses	13 83
1636	Jan. 10	R. Abernathy	Lettering doors	4 00
1637	Jan. 10	C. & U. Phoenix Tel. Co.	Services 3 months	36 00
1638	Jan. 10	C. M. Parker	Advertisement	12 48
1639	Jan. 10	John B. Bennett	Labor and material	27 85
1640	Jan. 10	Walker & Mulliken	Desk, etc.	32 00
1641	Jan. 10	Henry B. Worthington	Valves, etc.	2 72
1642	Jan. 10	Miller Lock Co.	Locks	19 00
1643	Jan. 10	Brown & Sharpe Mfg. Co.	Slot cutter	2 50
1644	Jan. 10	Geo. E. Blake Mfg. Co.	Valves, etc.	3 80
1645	Jan. 10	Wiley & Russell Mfg. Co.	Screws	4 16
1646	Jan. 10	Boyer Ry. Speed Recorder	Ells	1 80
1647	Jan. 10	Orr & Lockett Hardware Co.	Sandpaper, etc.	78 10
1648	Jan. 10	American Radiator Co.	Radiators	52 77
1649	Jan. 10	H. McFadden & Bro.	Feed, etc.	22 70
1650	Jan. 10	Central Electric Co.	Carbons	65 00
1651	Jan. 10	Commercial Electric Co.	Switches, wire, etc.	415 84
1652	Jan. 10	J. H. Ridgway	Salary	75 00
1653	Jan. 20	1900		
1654	Jan. 20	W. H. Fulkerson	Expenses	38 65
1655	Jan. 20	Fred Hatch		14 00
1656	Jan. 20	T. J. Smith		26 05
1657	Jan. 20	W. L. Pillsbury		12 84
1658	Jan. 20	Stratton D. Brooks		46 54
1659	Jan. 20	H. McFadden & Bro.	Feed	6 85
1660	Jan. 20	Singbusch & Stoltey	Brushes, etc.	3 35
1661	Jan. 20	Campbell & Spalding	Shoeing horses	3 00
1662	Jan. 20	J. C. Vaughan	Seeds	1 40
1663	Jan. 20	E. Hibbard & Co.		1 00
1664	Jan. 20	Fuller & Fuller Co.	Glue shellac	17 44
1665	Jan. 20	Chas. Munson Belting Co.	Belting	14 84
1666	Jan. 20	Am. Society Mech. Engineers	Pamphlets	3 50
1667	Jan. 20	Baker & Adamson Chem. Co.	Filters, chemicals, etc.	71 00
1668	Jan. 20	Alex. Nielsen	Necturus	5 00
1669	Jan. 20	Bausch & Lomb Optical Co.	Thermstadt, etc.	19 43
1670	Jan. 20	Ben Mollett	Mixed paint	1 50
1671	Jan. 20	Knowlton & Bennett	Paper, etc.	3 55
1672	Jan. 20	Chester Transfer Co.	Hauling mail, etc.	4 75
1673	Jan. 20	P. Ringer & Co.	Binding books	2 45
1674	Jan. 20	Y. M. C. A. Association	Chairs	10 00
1675	Jan. 20	Keyless Lock Co.	Locks	20 00
1676	Jan. 20	Newman Clock Co.	Dials	4 50
1677	Jan. 20	C. M. Parker	Advertisement 3 mos. July to Oct.	12 48
1678	Jan. 20	School News Publishing Co.	Advertisement 3 mos. to Jan., 1900	12 50
1679	Jan. 20	The Engineering News Pub. Co.	Advertisement to Jan., 1900	8 87
1680	Jan. 20	Champaign County Herald	Printing, etc.	55 05
1681	Jan. 20	The Gazette		24 25
1682	Jan. 20	Champaign Co. Printing Co.	Printing blanks	88 50
1683	Jan. 20	W. W. Calkins	Herbarian	100 00
1684	Jan. 20	Kny - Scheerer & Co.	Model of silk worm, etc.	39 00
1685	Jan. 20	E. G. Keith	Clerk hire	150 80
1686	Jan. 20	G. C. Willis	Bunting, muslin, etc.	63 76
1687	Jan. 20	Munhall Printing House	Printing check books, etc.	32 85
1688	Jan. 20	H. Swannell & Son	Window glass, drugs, etc.	29 35
1689	Jan. 20	D. H. Burrill & Co.	Bottles, jars, etc.	46 40

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
1687	Jan. 20	L. V. Manspeaker.....	Table .....	\$7 50
1688	"	T. W. Corkery.....	Shoeing horses .....	4 00
1689	"	Twin City Ice & Cold Storage Co.....	Ice .....	5 20
1690	"	R. T. Robinson.....	Meal, etc. ....	17 25
1691	"	E. A. Robinson.....	Black pipe, etc. ....	6 41
1692	"	J. C. Suftern.....	Seed corn.....	9 97
1693	"	T. M. Wells.....	Photographs.....	3 67
1694	"	E. Davenport.....	Expenses.....	10 88
1695	"	Champaign Mach. & Sup'ly Co.....	Pipe fittings, valves, etc.....	72 17
1696	"	D. H. Lloyd & Son.....	Music.....	6 31
1697	"	Crane & Co.....	Valves, pipes, etc.....	86 52
1698	"	Ft. Wayne Electric Works.....	Lamp parts.....	2 15
1699	"	Garlock Packing Co.....	Packing.....	42 76
1700	"	Ashcraft Mfg. Co.....	Recording gauge, etc.....	7 00
1701	"	Adam Cook's Sons.....	Albany compound.....	5 00
1702	"	A. L. Ide & Sons.....	Bushings.....	3 45
1703	"	Jenney Electric Mfg. Co.....	Armatures.....	12 54
1704	"	Western Bank Note & Eng. Co.....	Diplomas.....	250 00
1705	"	Cunningham Bros.....	Photographic supplies.....	33 24
1706	"	Geo. W. Myers.....	Expenses.....	49 75
1707	"	Bryan Marsh Co.....	Lamps.....	95 00
1708	"	Commercial Electric Supply Co.....	Wire, tubes, etc.....	625 91
1709	"	Standard Oil Co.....	Oil.....	19 78
1710	"	Odin Coal Co.....	Coal.....	607 75
1711	"	James R. Scott.....	Paving, etc.....	148 03
1712	"	B. T. Batsford.....	Books.....	292 85
1713	"	Lemecke & Buechner.....		20 77
1714	"	R. R. Bowker.....	Subscription.....	3 00
1715	"	West Pub. Co.....		27 00
1716	"	Callaghan & Co.....	Books.....	10 00
1717	"	A. C. McClurg & Co.....	Books, stationery, etc.....	171 45
1718	"	Hubbard & Sons.....	Hardware, etc.....	5 40
1719	"	Chas. Munson Belting Co.....	Belting.....	49 54
1720	"	Paxton Hardware Co.....	Nickel plating.....	2 00
1721	"	Central Electric Co.....	Zinc plate*, etc.....	10 14
1722	"	Jones & Laughlins.....	Beams.....	11 56
1723	"	Veeder Mfg. Co.....	Cyclometers.....	5 10
1724	"	Lunkenheimer Co.....	Gate valve, etc.....	19 16
1725	"	Henry's Grocery.....	Brushes, etc.....	5 05
1726	"	Shea, Smith & Co.....	Tablets, inkwells, etc.....	10 31
1727	"	Chas. A. Besore.....	Lumber.....	43 65
1728	"	Eugene Dietzgen & Co.....	Paper, etc.....	57 08
1729	"	Orr & Lockett Hardware Co.....	Screws.....	1 90
1730	"	Standard Varnish Works.....	Varnish.....	1 69
1731	"	Daniel Stewart Co.....	Window glass.....	34 44
1732	"	Wm. Miebach & Co.....	Hardware.....	53 38
1733	"	John B. Bennett.....	Labor, materials, etc.....	27 45
1734	"	Wyckoff, Seamans & Benedict.....	Typewriter.....	102 50
1735	"	Lufkin Rule Co.....	Steel tapes, etc.....	11 20
1736	"	Keuffel & Esser Co.....	Level with tripod.....	126 00
1737	"	Crosby Steam Gauge & Valve Co.....	Gauges.....	51 44
1738	"	Chas. A. Strelinger Co.....	Screws, etc.....	2 73
1739	"	Peoria Steam Marble Works.....	Drilling holes, etc.....	29 25
1740	"	Electrical World & Engineer.....	Portfolios, Part 1-2.....	10 00
1741	"	Tinius Olsen & Co.....	Testing machine.....	500 00
1742	"	L. S. Starrett Co.....	Micrometer, etc.....	10 50
1743	"	Mittendorf & Kiler.....	Frame.....	2 40
1744	"	G. E. Stechert.....	Maps.....	11 23
1745	"	B. F. Sturtevant & Co.....	Apparatus.....	15 00
1746	"	Shaw Steel Casting Co.....	Casting.....	5 63
1747	"	Ozias Riley.....	Postage.....	40 00
1748	"	S. W. Shattuck, Business Mgr.....	Sundry accounts paid.....	67 35
1749	"	"	Pay-roll, students, December, 1899.....	262 84
1750	"	"	Pay-roll, men, December, 1899.....	1,180 97
1751	Jan. 31	A. S. Draper.....	Salary, January, 1900.....	583 33
1752	"	T. J. Burrill.....	"	208 33
1753	"	S. W. Shattuck.....	"	166 66
1754	"	N. C. Rieker.....	"	208 33
1755	"	Ira O. Baker.....	"	187 50
1756	"	S. A. Forbes.....	"	83 33
1757	"	C. W. Rolfe.....	"	175 00
1758	"	D. McIntosh.....	"	75 00
1759	"	A. N. Talbot.....	"	179 16
1760	"	A. W. Palmer.....	"	187 50
1761	"	F. F. Frederick.....	"	166 66

*Warrants—Continued.*

No.	Date.	To whom.	For what.	Amount.
1762	Jan. 31 1900	S. W. Parr .....	Salary, January, 1900 .....	\$175 00
1763	"	H. J. Barton .....	" .....	175 00
1764	"	C. M. Moss .....	" .....	175 00
1765	"	D. K. Dodge .....	" .....	166 66
1766	"	L. P. Breckenridge .....	" .....	187 50
1767	"	David Kinley .....	" .....	208 33
1768	"	E. Davenport .....	" .....	104 16
1769	"	A. P. Carman .....	" .....	187 50
1770	"	W. H. Jones .....	" .....	116 66
1771	"	E. B. Greene .....	" .....	150 00
1772	"	C. C. Pickett .....	" .....	175 00
1773	"	K. L. Sharp .....	" .....	166 66
1774	"	G. T. Kemp .....	" .....	166 66
1775	"	G. W. Myers .....	" .....	166 66
1776	"	Wm. L. Drew .....	" .....	166 66
1777	"	J. K. Shell .....	" .....	150 00
1778	"	L. A. Rhoades .....	" .....	150 00
1779	"	T. A. Clark .....	" .....	141 66
1780	"	A. H. Daniels .....	" .....	112 50
1781	"	G. D. Fairfield .....	" .....	133 33
1782	"	C. W. Tooke .....	" .....	112 50
1783	"	P. G. Holden .....	" .....	70 83
1784	"	Alison M. Fernie .....	" .....	133 33
1785	"	T. W. Hughes .....	" .....	141 66
1786	"	J. B. Scott .....	" .....	208 33
1787	"	Wm. S. Aldrich .....	" .....	208 33
1788	"	J. M. White .....	" .....	150 00
1789	"	William Esty .....	" .....	133 33
1790	"	Violet D. Jayne .....	" .....	133 33
1781	"	H. S. Grindley .....	" .....	125 00
1782	"	H. S. Platt .....	" .....	112 50
1793	"	F. A. Sager .....	" .....	104 16
1794	"	Frank Smith .....	" .....	116 66
1795	"	C. D. McLane .....	" .....	104 16
1796	"	J. D. Phillips .....	" .....	87 50
1797	"	Seth J. Temple .....	" .....	108 33
1798	"	Oscar Quick .....	" .....	87 50
1799	"	J. C. Blair .....	" .....	56 25
1800	"	Wm. H. Browne, Jr. ....	" .....	100 00
1801	"	G. H. Meyer .....	" .....	110 00
1802	"	M. S. Ketchum .....	" .....	100 00
1803	"	G. A. Goodenough .....	" .....	137 50
1804	"	S. D. Brooks .....	" .....	133 33
1805	"	Maude W. Straight .....	" .....	51 66
1806	"	Jennette E. Carpenter .....	" .....	90 00
1807	"	G. A. Huff .....	" .....	140 00
1808	"	W. J. Fraser .....	" .....	45 83
1809	"	C. R. Rose .....	" .....	95 00
1810	"	Margaret Mann .....	" .....	75 00
1811	"	C. T. Wilder .....	" .....	90 00
1812	"	W. C. Brenke .....	" .....	85 00
1813	"	M. B. Hammond .....	" .....	90 00
1814	"	H. L. Schoolcraft .....	" .....	85 00
1815	"	N. C. Brooks .....	" .....	80 00
1816	"	E. L. Milne .....	" .....	80 00
1817	"	Martha J. Kyle .....	" .....	75 00
1818	"	H. L. Coar .....	" .....	110 00
1819	"	E. C. Schmidt .....	" .....	100 00
1820	"	E. C. Oliver .....	" .....	75 00
1821	"	W. A. Adams .....	" .....	100 00
1822	"	Ralph Wylie .....	" .....	80 00
1823	"	Emma Q. Fuller .....	" .....	65 00
1824	"	E. J. Lake .....	" .....	80 00
1825	"	Lucy H. Carson .....	" .....	75 00
1826	"	W. J. Kennedy .....	" .....	83 33
1827	"	J. W. Lloyd .....	" .....	83 33
1828	"	G. M. Holferty .....	" .....	75 00
1829	"	H. E. Ward .....	" .....	83 33
1830	"	R. L. Short .....	" .....	80 00
1831	"	J. H. McClellan .....	" .....	80 00
1832	"	Oscar Erf .....	" .....	83 33
1833	"	Jessie Y. Fox .....	" .....	40 00
1834	"	G. P. Clinton .....	" .....	20 00
1835	"	G. D. Hubbard .....	" .....	60 00
1836	"	C. V. Seastone .....	" .....	60 00
1837	"	H. V. Carpenter .....	" .....	60 00
1838	"	J. L. Sammis .....	" .....	60 00
1839	"	H. L. Chippis .....	" .....	50 00

*Warrants—Continued.*

No.	Date.	To whom.	For what.	Amount
1840	Jan. 31	J. F. Kable.....	Salary, January, 1900.....	\$50 00
1941	..	A. D. Shamel.....	..	25 00
1942	..	D. T. Randall.....	..	50 00
1843	..	A. F. Burgess.....	..	80 00
1844	..	J. H. Walton, Jr.....	..	50 00
1845	..	F. R. Fraprie.....	..	50 00
1846	..	H. C. Marble.....	..	50 00
1847	..	A. R. Curtiss.....	..	85 00
1848	..	C. B. Clark.....	..	85 00
1849	..	Henry Jones.....	..	60 00
1850	..	J. H. Wilson.....	..	60 00
1851	..	Grace O. Edwards.....	..	75 00
1852	..	Laura R. Gibbs.....	..	60 00
1853	..	Cecelia McConnel.....	..	50 00
1854	..	Emma R. Juton.....	..	50 00
1855	..	F. C. Koch.....	..	30 00
1856	..	H. C. Porter.....	..	30 00
1857	..	R. W. Weirick.....	..	30 00
1858	..	O. A. Leutwiler.....	..	30 00
1859	..	G. H. Campbell.....	..	30 00
1860	..	A. E. Paine.....	..	20 00
1861	..	H. W. Quaintance.....	..	20 00
1862	..	W. A. Hawley.....	..	10 00
1863	..	E. G. Howe.....	..	150 00
1864	..	Lillie A. Clendenin.....	..	70 00
1865	..	C. W. Alvord.....	..	100 00
1866	..	C. B. Randolph.....	..	80 00
1867	..	J. W. Buchanan.....	..	70 00
1868	..	W. L. Pillsbury.....	..	162 50
1869	..	N. S. Spencer.....	..	125 00
1870	..	Lillie Heath.....	..	75 00
1871	..	L. A. Boice.....	..	60 00
1872	..	W. F. Marker.....	..	60 00
1873	..	Sue W. Ford.....	..	55 00
1874	..	Jennie M. Laffin.....	..	50 00
1875	..	Olive F. Saxton.....	..	50 00
1876	..	Chas. Royall.....	..	40 00
1877	..	Gertrude Shawhan.....	..	25 00
1878	..	W. O. Waters.....	..	25 00
1879	..	Adam Strohm.....	..	25 00
1880	..	Joe Morrow.....	..	83 33
1881	..	E. D. Gagnier.....	..	60 00
1882	..	M. T. Lindsey.....	..	40 00
1883	..	I. H. Allen.....	..	40 00
1884	..	Chas. B. Ewalt.....	..	35 00
1885	..	E. W. Justus.....	..	55 00
1886	..	Spencer Stuckey.....	..	55 00
1887	..	Fred Atkinson.....	..	60 00
1888	..	E. Atkinson.....	..	35 00
1889	..	Albert R. Lee.....	..	30 00
1890	..	W. J. Fulton.....	..	20 00
1891	..	P. P. Schaefer.....	..	10 00
1892	..	P. Adams.....	..	45 00
1893	..	Frank Spence.....	..	40 00
1894	..	E. A. Nelson.....	..	37 00
1895	..	A. McGlaughlin.....	..	37 00
1896	..	F. McClain.....	..	32 00
1897	..	E. G. Patterson.....	..	32 00
1898	..	J. J. Johnston.....	..	32 00
1899	..	Frank Gleason.....	..	32 00
1900	..	H. H. Wright.....	..	32 00
1901	..	Philip Schwehrm.....	..	27 00
1902	..	C. V. Millar.....	..	85 00
1903	..	R. W. Stark.....	..	60 00
1904	..	D. McIntosh.....	..	75 00
1905	..	Grace Maxwell.....	..	40 00
1906	..	J. H. Ridgway.....	Balance salary, January, 1900.....	60 48
1907	..	D. H. Clark.....	Salary, January, 1900.....	12 50
1908	..	Fuchs & Lang Mfg. Co.....	Paper.....	4 17
1909	..	W. S. Royal.....	Gasoline.....	9 90
1910	..	Chas. A. Strellinger Co.....	Steel emery wheels, etc.....	30 24
1911	..	C. H. Russell & Co.....	Hardware.....	41 42
1912	..	Yawman & Erbe Mfg. Co.....	Binding cases, etc.....	8 76
1913	..	Munhall Printing House.....	Printing, etc.....	28 75
1914	..	U. & C. R'y Gas & Electric Co.....	Gas, 3 mos. to Dec. 24, 1899.....	760 06
1915	..	James R. Scott.....	Hauling coal.....	67 98
1916	..	Viscosity Oil Co.....	Oil.....	17 33
1917	..	M. G. Copeland & Co.....	Flags.....	26 75

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
1918	1900			
Jan. 31		D. H. Lloyd & Son.....	Rules, books, etc.....	\$6 70
1919	..	Callaghan & Co.....	Books.....	3 00
1920	..	<i>The Gazette</i> .....	Printing pamphlets, etc.....	99 25
1921	..	Boston Book Co.....	Books.....	100 00
1922	..	Astronom. Society of the Pacific	Dues for 1900.....	5 00
1923	..	The Nat'l Educational Ass'n.....	Proceedings.....	2 00
1924	..	P. Ringer & Co.....	Book binding.....	254 10
1925	..	James B. Clow & Sons.....	Valves, pipe, gaskets.....	144 73
1926	..	Theo. C. Phillips.....	Loan.....	200 00
1927	..	General Electric Co.....	Express charges.....	1 37
1928	..	The Engineering Magazine.....	Back numbers.....	6 00
1929	..	Central Electric Co.....	Switches, etc.....	169 29
1930	..	Kariher Grocery Co.....	Salt, etc.....	1 75
1931	..	Richards & Co.....	Flasks, tubes, etc.....	555 08
1932	..	Munhall Printing House.....	Hand stamps.....	1 10
1933	..	Pictorial Printing Co.....	Paper.....	60 00
1934	..	Donohue & Henneberry.....	Composition books.....	7 65
1935	..	Kinsey & Mahler Co.....	Brass castings.....	6 16
1936	..	W. W. Sphung.....	Frogs.....	4 50
1937	..	Hausmann & Dunn.....	Model of stomach.....	10 80
1938	..	C. L. Shear.....	Fungi.....	70 00
1939	..	Kny-Scheerer & Co.....	Collection of insects.....	50 00
1940	..	Chas. K. Worthen.....	Taxidermists' supplies.....	19 50
1941	..	Bausch & Lomb Optical Co.....	Carbon.....	4 00
1942	..	Stratton D. Brooks.....	Expenses.....	62 06
1943	..	E. O. Vaile.....	Printing.....	16 00
1944	..	Smith Premier Typewriter Co.....	Platen roll.....	1 62
1945	..	A. C. McClurg & Co.....	Books, etc.....	69 49
1946	..	Ozias Riley, F. M.....	Postage.....	40 00
1947	..	W. W. Lindley, F. M.....	Freight.....	30 00
1948	..	S. W. Shattuck, Business Mgr.....	Sundry accounts paid.....	113 32
1949	..	..	Freight.....	86 98
1950	..	..	..	976 36
Feb. 10		V. Jobst & Sons.....	Contract.....	5,874 06
1952	..	Baumgarten Bros.....	..	2,965 99
1953	..	L. C. Llewellyn.....	Architect's fees.....	265 20
1954	..	Nalder Bros. & Co.....	Pyrometers.....	180 32
1955	..	Chas. A. Strelinger Co.....	Brass rods, etc.....	3 69
1956	..	Eimer & Amend.....	Platinum wire, etc.....	17 49
1957	..	American Hard Rubber Co.....	Rubber.....	7 00
1958	..	Hubbard & Sons.....	Hardware.....	23 17
1959	..	E. M. Burr & Co.....	Anchor bolts, etc.....	15 40
1960	..	J. D. Green.....	Lining tank, etc.....	33 65
1961	..	Heller & Brightby.....	Leveling instruments, etc.....	140 00
1962	..	Mittendorf & Kiler.....	Chairs, etc.....	95 50
1963	..	Medart Patent Pulley Co.....	Pulley.....	21 40
1964	..	Knowlton & Bennett.....	Paper, etc.....	33 45
1965	..	D. H. Lloyd & Sons.....	Sheet music, etc.....	33 20
1966	..	Cunningham Bros.....	Chemicals, etc.....	91 62
1967	..	Chas. A. Besore.....	Coal.....	85 88
1968	..	Crerar, Adams & Co.....	Crucibles.....	7 93
1969	..	Brown & Sharpe Mfg. Co.....	Apparatus.....	7 50
1970	..	James & Foote.....	Gears.....	3 00
1971	..	Chas. H. Field.....	Mould, etc.....	1 50
1972	..	American Arithometer Co.....	Paper.....	5 00
1973	..	Library Bureau.....	Cards.....	1 75
1974	..	Cowles Electric Smelting & Aluminum Co.....	Aluminum.....	13 00
1975	..	Champaign Mach. & Supply Co.....	Belting, etc.....	14 10
1976	..	Crosby Steam G'ge & Valve Co.....	Cord.....	12 00
1977	..	S. B. Hedges.....	Hay and straw.....	141 22
1978	..	P. G. Holden.....	Expenses.....	6 30
1979	..	Miller Harness Co.....	Rubber cloth, etc.....	6 90
1980	..	W. F. Hardy.....	Tank heater.....	8 00
1981	..	F. E. Fulkerson.....	Expenses.....	4 88
1982	..	Thomas Naughton.....	Photographs.....	9 75
1983	..	Campbell & Spalding.....	Shoeing horses.....	12 00
1984	..	Wm. Price Estate.....	Brushes, shellac, etc.....	3 50
1985	..	G. A. Garrison.....	Pasturing cattle.....	10 67
1986	..	Miller & Simpson.....	Straps, repairing, etc.....	2 40
1987	..	Wm. B. Sullivan.....	Law directory, 1899.....	1 00
1988	..	Aluminum Bronze Varnish Co.....	Varnish.....	4 00
1989	..	Walker & Mulliken.....	Picture frames.....	3 65
1990	..	T. H. Trevett.....	Hardware.....	41 09
1991	..	Bryant & McConney.....	Grate for furnace, etc.....	7 45
1992	..	Alexander Lumber Co.....	Lumber, etc.....	133 62
1993	..	Odin Coal Co.....	Coal.....	333 55
1994	..	James R. Scott.....	Hauling coal.....	33 93

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
1995	1900			
1996	Feb. 20	Champaign County Herald....	Printing blank forms.....	\$100 65
1997	"	C. A. Kofoid.....	Glycerine.....	4 56
1998	"	Blue Print Dept., U. of I.....	Negatives.....	1 75
1999	"	Elect. Eng. Dept., U. of I.....	Cleats and wire.....	4 48
2000	"	Mech. Eng. Dept., U. of I.....	Labor and material.....	76 37
2001	"	Repair Shop, U. of I.....		1,608 06
2002	"	Sangamon Coal Co.....	Coal.....	144 76
2003	"	R. S. Wilber.....		10 50
2004	"	Orr & Lockett Hardware Co.....	Door screws.....	7 06
2005	"	Edwin Hunt's Sons.....	Drawer pulls, etc.....	12 75
2006	"	Standard Varnish Works.....	Varnish.....	12 40
2007	"	C. H. Badelley.....	Soap, etc.....	8 06
2008	"	Richards & Co.....	Wire, etc.....	33 21
2009	"	Fuller & Fuller Co.....	Drugs.....	28 79
2010	"	E. H. Sargent & Co.....	Alcohol.....	5 95
2011	"	Eimer & Amend.....	Glass stop cocks.....	3 60
2012	"	T. H. Trevett.....	Hardware.....	4 75
2013	"	Asso. of Am. Agr'l. College and Experiment Station.....	Membership.....	10 00
2014	"	Frank F. Frederick.....	Expenses.....	26 28
2015	"	Ira O. Baker.....		34 50
2016	"	Stratton D. Brooks.....		40 07
2017	"	Alexander Lumber Co.....	Lumber.....	72 20
2018	"	Eugene Dietzgen Co.....	Paper.....	17 37
2019	"	Wm. Price estate.....	Painting, etc.....	71 13
2020	"	Machinist's Supply Co.....	Belting and lacing.....	7 20
2021	"	Sheldon Brick Co.....	Sand.....	1 30
2022	"	J. D. Smith Foundry Supply Co.....	Tongs, sand, facing, etc.....	38 60
2023	"	C. H. Russell Co.....	Nails.....	2 50
2024	"	Fred A. Rich.....	Cutter.....	3 49
2025	"	J. T. Slocumb & Co.....	Drills.....	6 50
2026	"	Armstrong Bros. Tool Co.....	Planer tool.....	5 25
2027	"	S. Obermayer Co.....	Sycapodium.....	8 75
2028	"	Hubbard & Sons.....	Hardware.....	20 23
2029	"	Champaign Mach. & Supply Co.....	Pipe, fitting, etc.....	28 10
2030	"	R. J. Haight.....	Subscription.....	1 00
2031	"	Bryant & McConney.....	Copper wire, etc.....	1 60
2032	"	Burke & James.....	Photographic materials.....	14 88
2033	"	Creamery Package Mfg. Co.....	Creamery apparatus.....	13 07
2034	"	Chas. A. Besore.....	Lumber.....	23 44
2035	"	Frison Bros.....	Repairs, etc.....	11 00
2036	"	F. L. Busey & Co.....	Crash, sheeting, etc.....	5 65
2037	"	The Gazette.....	Printing.....	69 80
2038	"	G. C. Willis.....	Cambric, etc.....	13 57
2039	"	The Plexus.....	Advertisement.....	2 00
2040	"	Burrow Bros. Co.....	Book.....	7 00
2041	"	J. Ed. Saxton.....	Books.....	8 00
2042	"	Callaghan & Co.....		15 40
2043	"	P. Ringer & Co.....	Binding books.....	76 41
2044	"	Lemcke & Buechner.....	Books.....	12 83
2045	"	G. E. Stechert.....		23 98
2046	"	Standard Oil Co.....	Gasoline and waste.....	15 61
2047	"	Commercial Elect. Supply.....	Tubes.....	9 66
2048	"	Western Electric Co.....	Lamp cord, wire, etc.....	101 02
2049	"	International Color Photo Co.....	Photo supplies.....	26 80
2050	"	S. W. Shattuck, business mgr.....	Pay-roll, men, January, 1901.....	1,873 35
2051	"	S. W. Shattuck, business mgr.....	Pay-roll, students, January, 1900.....	296 36
2052	Feb. 28	A. S. Draper.....	Salary, February, 1900.....	583 33
2053	"	T. J. Burrill.....		208 33
2054	"	S. W. Shattuck.....		166 66
2055	"	N. C. Ricker.....		208 33
2056	"	Ira C. Baker.....		187 50
2057	"	S. A. Forbes.....		83 33
2058	"	C. W. Rolfe.....		175 00
2059	"	D. McIntosh.....		75 00
2060	"	A. N. Talbot.....		179 16
2061	"	A. W. Palmer.....		187 50
2062	"	F. F. Frederick.....		166 66
2063	"	S. W. Parr.....		175 00
2064	"	H. J. Barton.....		175 00
2065	"	C. M. Moss.....		175 00
2066	"	D. K. Dodge.....		166 66
2067	"	L. P. Breckenridge.....		187 50
2068	"	David Kinley.....		208 33
2069	"	E. Davenport.....		104 16
2070	"	A. P. Carman.....		187 50
2071	"	W. H. Jones.....		116 66
2072	"	E. B. Greene.....		150 00

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
2072	Feb. 1900	C. C. Pickett.....	Salary, February, 1900.....	\$175 00
2073	Feb. 28	Katharine L. Sharp.....	.....	166 66
2074	..	G. T. Kemp.....	.....	166 66
2075	..	G. W. Myers.....	.....	166 66
2076	..	W. L. Drew.....	.....	166 66
2077	..	J. K. Shell.....	.....	150 00
2078	..	L. A. Rhoades.....	.....	150 00
2079	..	T. A. Clark.....	.....	141 66
2080	..	A. H. Daniels.....	.....	112 50
2081	..	G. D. Fairfield.....	.....	133 33
2082	..	C. W. Tooke.....	.....	112 50
2083	..	P. G. Holden.....	.....	70 83
2084	..	Alison M. Fernie.....	.....	133 33
2085	..	T. W. Hughes.....	.....	141 66
2086	..	J. B. Scott.....	.....	208 33
2087	..	W. S. Aldrich.....	.....	208 33
2088	..	James M. White.....	.....	150 00
2089	..	Wm. Esty.....	.....	133 33
2090	..	Violet D. Jayne.....	.....	133 33
2091	..	H. S. Grindley.....	.....	125 00
2092	..	H. S. Piatt.....	.....	112 50
2093	..	F. A. Sager.....	.....	104 16
2094	..	Frank Smith.....	.....	116 66
2095	..	C. D. McLane.....	.....	104 16
2096	..	J. P. Phillips.....	.....	87 50
2097	..	S. J. Temple.....	.....	108 33
2098	..	Oscar Quick.....	.....	87 50
2099	..	J. C. Blair.....	.....	56 25
2100	..	Wm. H. Browne, Jr.....	.....	100 00
2101	..	G. H. Meyer.....	.....	110 00
2102	..	M. S. Ketcham.....	.....	100 00
2103	..	G. A. Goodenough.....	.....	137 50
2104	..	S. D. Brooks.....	.....	133 33
2108	..	Maude W. Straight.....	.....	91 66
2106	..	Jennette E. Carpenter.....	.....	90 00
2107	..	Geo. A. Huff, Jr.....	.....	140 00
2108	..	W. J. Fraser.....	.....	22 91
2109	..	C. R. Rose.....	.....	95 00
2110	..	Margaret Mann.....	.....	75 00
2111	..	C. T. Wilder.....	.....	90 00
2112	..	W. C. Brenke.....	.....	85 00
2113	..	M. B. Hammond.....	.....	90 00
2114	..	H. L. Schoolcraft.....	.....	85 00
2115	..	N. C. Brooks.....	.....	80 00
2116	..	E. L. Milne.....	.....	80 00
2117	..	Martha J. Kyle.....	.....	75 00
2118	..	Henry L. Coar.....	.....	110 00
2119	..	Edward C. Schmidt.....	.....	100 00
2120	..	E. C. Oliver.....	.....	75 00
2121	..	W. A. Adams.....	.....	100 00
2122	..	Ralph Wylie.....	.....	80 00
2123	..	Emma Q. Fuller.....	.....	65 00
2124	..	E. J. Lake.....	.....	80 00
2125	..	Lucy H. Carson.....	.....	75 00
2126	..	W. J. Kennedy.....	.....	83 33
2127	..	J. W. Lloyd.....	.....	83 33
2128	..	G. M. Holferty.....	.....	75 00
2129	..	H. E. Ward.....	.....	83 33
2130	..	R. L. Short.....	.....	80 00
2131	..	J. H. McClellan.....	.....	80 00
2132	..	Oscar Erf.....	.....	83 33
2133	..	Jessie Y. Fox.....	.....	40 00
2134	..	G. P. Clinton.....	.....	20 00
2135	..	C. V. Seastone.....	.....	60 00
2136	..	G. H. Hubbard.....	.....	60 00
2137	..	H. V. Carpenter.....	.....	60 00
2138	..	J. L. Sammis.....	.....	60 00
2139	..	H. L. Chipps.....	.....	50 00
2140	..	J. F. Kable.....	.....	50 00
2141	..	A. D. Shamel.....	.....	25 00
2142	..	D. T. Randall.....	.....	50 00
2143	..	A. F. Burgess.....	.....	80 00
2144	..	J. H. Walton, Jr.....	.....	50 00
2145	..	F. R. Fraprie.....	.....	50 00
2146	..	H. C. Marble.....	.....	50 00
2147	..	A. R. Curtiss.....	.....	85 00
2148	..	C. B. Clark.....	.....	85 00
2149	..	Henry Jones.....	.....	60 00



*Warrants—Continued.*

No.	Date.	To whom.	For what.	Amount.
2150	1900	J. H. Wilson.....	Salary, February, 1900.....	\$60 00
2151	Feb. 28	Grace O. Edwards.....	" " " " " "	75 00
2152	"	Laura R. Gibbs.....	" " " " " "	60 00
2153	"	Cecelia McConnel.....	" " " " " "	50 00
2154	"	Emma R. Jutton.....	" " " " " "	50 00
2155	"	F. C. Koch.....	" " " " " "	30 00
2156	"	H. C. Porter.....	" " " " " "	30 00
2157	"	R. W. Weirick.....	" " " " " "	30 00
2158	"	O. A. Leutwiler.....	" " " " " "	30 00
2159	"	G. H. Campbell.....	" " " " " "	30 00
2160	"	A. E. Paine.....	" " " " " "	20 00
2161	"	H. W. Quaintance.....	" " " " " "	20 00
2162	"	W. A. Hawley.....	" " " " " "	10 00
2163	"	E. G. Howe.....	" " " " " "	150 00
2164	"	Lillie A. Clendenin.....	" " " " " "	70 00
2165	"	C. W. Alvord.....	" " " " " "	100 00
2166	"	C. B. Randolph.....	" " " " " "	80 00
2167	"	J. W. Buchanan.....	" " " " " "	70 00
2168	"	W. L. Pillsbury.....	" " " " " "	162 50
2169	"	N. S. Spencer.....	" " " " " "	125 00
2170	"	Lillie Heath.....	" " " " " "	75 00
2171	"	L. A. Boice.....	" " " " " "	60 00
2172	"	W. F. Marker.....	" " " " " "	60 00
2173	"	Sue W. Ford.....	" " " " " "	55 00
2174	"	Jennie M. Ladin.....	" " " " " "	50 00
2175	"	Olive F. Saxton.....	" " " " " "	50 00
2176	"	Chas. Royall.....	" " " " " "	40 00
2177	"	Gertrude Shawhan.....	" " " " " "	25 00
2178	"	W. O. Waters.....	" " " " " "	25 00
2179	"	Adam Strohm.....	" " " " " "	25 00
2180	"	Joe Morrow.....	" " " " " "	83 33
2181	"	E. D. Gagnier.....	" " " " " "	60 00
2182	"	M. T. Lindsey.....	" " " " " "	40 00
2183	"	I. H. Allen.....	" " " " " "	40 00
2184	"	Chas. B. Ewalt.....	" " " " " "	35 00
2185	"	E. W. Justus.....	" " " " " "	55 00
2186	"	Spencer Stuckey.....	" " " " " "	55 00
2187	"	Fred Atkinson.....	" " " " " "	60 00
2188	"	E. Atkinson.....	" " " " " "	35 00
2189	"	Albert R. Lee.....	" " " " " "	30 00
2190	"	W. J. Fulton.....	" " " " " "	2 1
2191	"	P. P. Schaeffer.....	" " " " " "	10 00
2192	"	Pearl Adams.....	" " " " " "	45 00
2193	"	Frank Spence.....	" " " " " "	40 00
2194	"	E. A. Nelson.....	" " " " " "	37 00
2195	"	A. McGlaughlin.....	" " " " " "	37 00
2196	"	F. McLain.....	" " " " " "	32 00
2197	"	E. C. Patterson.....	" " " " " "	32 00
2198	"	J. J. Johnson.....	" " " " " "	32 00
2199	"	H. H. Wright.....	" " " " " "	32 00
2200	"	Philip Schwehm.....	" " " " " "	27 00
2201	"	Frank Gleason.....	" " " " " "	32 00
2202	"	C. V. Millar.....	" " " " " "	85 00
2203	"	R. W. Stark.....	" " " " " "	60 00
2204	"	D. McIntosh.....	" " " " " "	75 00
2205	"	J. H. Ridgway.....	" " " " " "	75 00
2206	"	Grace Maxwell.....	" " " " " "	40 00
2207	"	D. H. Clark.....	" " " " " "	12 50
2207	"	Newton A. Wells.....	Part salary, 1900.....	200 00
2209	"	Bausch & Lomb Optical Co.....	Crucibles, etc.....	40 84
2210	"	Richards & Co.....	Oil ovens.....	81 00
2211	"	S. S. White Dental Mfg Co.....	Oxygen, etc.....	40 00
2212	"	Baker & Adamson Chem. Co.....	Crucibles, etc.....	26 95
2213	"	Munhall Printing House.....	Printing blanks.....	25 75
2214	"	N. A. Williams & Co.....	Fire clay.....	8 75
2215	"	Goldmark & Wallace.....	Trotter's Compound.....	1 60
2216	"	Babcock & Wilcox Co.....	Tubes.....	37 80
2217	"	Westinghouse, Church, Kerr & Co.....	Grate bar taps.....	17 65
2218	"	John B. Bennett.....	Labor, etc.....	6 05
2219	"	General Electric Co.....	Coil.....	3 51
2220	"	Peoria Steam Marble Works.....	Drilling holes in slate.....	68 40
2221	"	Prang Educational Co.....	Charts, etc.....	4 01
2222	"	Oscar Wentworth.....	Pen drawings, etc.....	5 85
2223	"	G. Cramer Dry Plate Co.....	Lantern slides.....	25 50
2224	"	Soule Photograph Co.....	Lantern slides.....	88 20
2225	"	A. C. McClurg & Co.....	Books, etc.....	24 23
2226	"	Alvin T. Tumbleson.....	Loan.....	100 00

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
	1900			
2227	Feb. 28	Ernest W. Ponzer.	Loan.....	\$150 00
2228	March 10	V. Jobst & Sons.	Contract.....	5,823 22
2229	"	Baumgarten Bros.	Contract.....	275 62
2230	"	Thomas & Smith.	Contract.....	257 55
2231	"	J. C. Llewellyn.	Architect's fees.....	190 69
2232	"	S. A. Bullard.	Expenses.....	81 55
2233	"	W. L. Pillsbury.	Expenses.....	12 06
2234	"	Elma Rugg.	First prize.....	20 00
2235	"	J. A. Freese.	Second prize.....	10 00
2236	"	W. C. Lindley.	Third prize.....	5 00
2237	"	H. T. Sperry & Son.	Insurance of arms, etc.	61 25
2238	"	B. F. Gump.	Cloth.....	1 17
2239	"	H. McFadden & Bro.	Brooms, etc.....	27 50
2240	"	Wm. Price estate.	Glass, etc.....	4 20
2241	"	H. J. Barton.	Expenses.....	7 98
2242	"	Richards & Co.	Rubber stoppers, etc.	2 58
2243	"	A. H. Curtiss.	Plants.....	15 68
2244	"	The Dayton Paper Novelty Co.	Paper.....	3 15
2245	"	Westinghouse Elect. & Mfg. Co.	Transformers.....	74 25
2246	"	Alexander Lumber Co.	Lumber.....	11 32
2247	"	H. Swannell & Sons.	Thermometers, lead, etc.	12 90
2248	"	Daniel Stewart Co.	Putty.....	2 50
2249	"	Ft. Wayne Elect. Works.	Brushes.....	2 00
2250	"	C. A. Hains.	Calves.....	10 00
2251	"	Library Bureau.	Cards, etc.....	16 50
2252	"	General Elect. Co.	Freight.....	4 83
2253	"	L. S. Starrett Co.	Tools.....	5 82
2254	"	J. D. Green.	Tin and copper work	48 75
2255	"	E. M. Burr & Co.	Test pieces, etc.....	29 11
2256	"	Ashcroft Mfg. Co.	Glass dome.....	2 00
2257	"	Western Elect. Co.	Bushings, tubes, etc.	39 77
2258	"	Champaign County Herald.	Printing bulletins, etc.	40 31
2259	"	Mahler & Grosh Cutlery Co.	Grafting knives, etc.	6 65
2260	"	The American Florist Co.	Directory, 1900.....	2 00
2261	"	D. H. Burrell & Co.	Glassware, etc.....	3 00
2262	"	W. H. Tarrant.	Rent of level, etc.	5 00
2263	"	Stereoptican & Film Exchange	Stereop. and fittings.	33 44
2264	"	Chas. A. Besore.	Lumber.....	58 66
2265	"	Callaghan & Co.	Books.....	2 75
2266	"	Ed. Thompson & Co.	Encyclopædia of law	3 00
2267	"	Burrows Bros. Co.	Book.....	7 00
2268	"	P. Ringer & Co.	Binding books, etc.	3 00
2269	"	Lemcke & Buechner.	Subscription for 1900	364 20
2270	"	A. C. McClurg & Co.	Books, etc.....	53 90
2271	"	Sangamon Coal Co.	Coal.....	118 42
2272	"	James R. Scott.	Hauling coal.....	149 42
2273	"	Ozias Riley.	Postage stamps.....	324 00
2274	"	S. W. Shattuck, Business Mgr.	Sundry acc'ts paid.....	119 79
2275	"	S. W. Shattuck, Business Mgr.	Freight.....	745 41
2276	"	Wyckoff, Seamans & Benedict.	Tabulator.....	20 00
2277	"	A. H. Andrews Co.	Desk.....	14 00
2278	"	Carroll & Lancaster.	Mats.....	18 80
2279	"	Kny-Scheerer Co.	Model of eve.....	12 00
2280	"	Bausch & Lomb Optical Co.	Thermometers, forceps, dishes, etc.	124 57
2281	"	Chas. K. Worthen.	Taxidermist supplies	209 70
2282	"	Walker & Mulliken.	Shades, mirrors, stools, etc.	40 08
2283	"	Arcade File Works.	Files.....	14 19
2284	"	Jones & Laughlins.	Steel.....	4 76
2285	"	H. Mueller Mfg. Co.	Aluminum, etc.....	96 50
2286	"	Blairs Fountain Pen Co.	Pens.....	4 61
2287	"	H. Schultz & Co.	Boxes.....	2 00
2288	"	J. D. Smith Foundry Sup'ly Co.	Flasks.....	7 65
2289	"	Fitzsimmons & Co.	Screw stock.....	3 50
2290	"	Chas. Munson Belting Co.	Belting.....	14 12
2291	"	J. Manz & Co.	Half tones.....	13 72
2292	"	Western Society of Engineers.	Advertisement.....	15 00
2293	"	Yawman & Erbe Mfg. Co.	Shannon files.....	8 05
2294	"	Dean Bros. Steam Pump Works.	Pump.....	258 24
2295	"	J. B. Clow & Sons.	Ells, tees, plugs, etc.	114 56
2296	"	Cleveland Machine Screw Co.	Machine.....	500 00
2297	"	Riehle Bros. Testing Mach. Co.	Dynamometer.....	250 00
2298	"	Champaign Co. Printing Co.	Printing circulars	18 85
2299	"	Cunningham Bros.	Lantern slides.....	11 54
2300	"	Chas. A. Strelinger Co.	Tool steel, etc.....	11 83
2301	March 20	Alex. McLean.	Expenses.....	85 10
2302	"	Alfred Bayliss.	".....	35 25
2303	"	F. M. McKay.	".....	19 35
2304	"	A. F. Nightingale.	".....	21 85

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
2305	1900			
2305	March 20	S. A. Bullard .....	Expenses .....	\$11 30
2306	"	Fred Hatch .....	" .....	27 66
2307	"	Lucy L. Flower .....	" .....	41 61
2308	"	Alice A. Abbott .....	" .....	34 95
2309	"	H. Morse Stephens .....	Lectures .....	150 00
2310	"	Stratton D. Brooks .....	Expenses .....	41 91
2311	"	Chas. L. Logue .....	Plates for 1900 Illo .....	25 00
2312	"	Newton A. Wells .....	Decorating Library Hall .....	400 00
2313	"	Schaffer & Budenberg .....	Charts .....	3 00
2314	"	General Electric Co. ....	Meter .....	28 00
2315	"	A. S. Aloe & Co. ....	Tracing cloth .....	8 40
2316	"	Walker & Mulliken .....	Chairs, etc. ....	136 75
2317	"	A. V. Abbott .....	Lecture .....	8 23
2318	"	Chas. B. Hatch .....	Board .....	3 00
2319	"	P. G. Holden .....	Expenses .....	5 75
2320	"	Fred H. Rankin .....	Advertisement .....	15 00
2321	"	H. M. Simpson & Son .....	Trees .....	6 25
2322	"	T. H. Smart .....	Book .....	7 00
2323	"	James R. Scott .....	Hauling coal .....	61 39
2324	"	Garlock Packing Co. ....	Packing .....	4 25
2325	"	W. W. Lindley .....	Postage stamps .....	184 00
2326	March 31	A. S. Draper .....	Salary, March, 1900 .....	583 33
2327	"	T. J. Burrill .....	" .....	208 33
2328	"	S. W. Shattuck .....	" .....	166 66
2329	"	N. C. Ricker .....	" .....	208 33
2330	"	Ira C. Baker .....	" .....	187 50
2331	"	S. A. Forbes .....	" .....	83 33
2332	"	C. W. Rolfe .....	" .....	175 00
2333	"	D. McIntosh .....	" .....	75 00
2334	"	A. N. Talbot .....	" .....	179 16
2335	"	A. W. Palmer .....	" .....	187 50
2336	"	F. F. Frederick .....	" .....	166 66
2337	"	S. W. Parr .....	" .....	175 00
2338	"	H. J. Barton .....	" .....	175 00
2339	"	C. M. Moss .....	" .....	175 00
2340	"	D. K. Dodge .....	" .....	166 66
2341	"	L. P. Breckenridge .....	" .....	187 50
2342	"	David Kinley .....	" .....	208 33
2343	"	E. Davenport .....	" .....	104 16
2344	"	A. P. Carman .....	" .....	187 50
2345	"	W. H. Jones .....	" .....	116 66
2346	"	E. B. Greene .....	" .....	150 00
2347	"	C. C. Pickett .....	" .....	175 00
2348	"	Katharine L. Sharp .....	" .....	166 66
2349	"	G. T. Kemp .....	" .....	166 66
2350	"	G. W. Myers .....	" .....	166 66
2351	"	W. L. Drew .....	" .....	166 66
2352	"	J. K. Shell .....	" .....	150 00
2353	"	L. A. Rhoades .....	" .....	150 00
2354	"	T. A. Clark .....	" .....	141 66
2355	"	A. H. Daniels .....	" .....	112 50
2356	"	G. D. Fairfield .....	" .....	133 33
2357	"	C. W. Tooke .....	" .....	112 50
2358	"	Alison M. Fernie .....	" .....	133 33
2359	"	T. W. Hughes .....	" .....	141 66
2360	"	J. B. Scott .....	" .....	208 33
2361	"	Wm. S. Aldrich .....	" .....	208 33
2362	"	James M. White .....	" .....	150 00
2363	"	Wm. Esty .....	" .....	133 33
2364	"	Violet D. Jayne .....	" .....	133 33
2365	"	H. S. Grindley .....	" .....	125 00
2366	"	H. S. Piatt .....	" .....	112 50
2367	"	F. A. Sager .....	" .....	104 16
2368	"	Frank Smith .....	" .....	116 66
2369	"	C. D. McLane .....	" .....	104 16
2370	"	J. D. Phillips .....	" .....	87 50
2371	"	S. J. Temple .....	" .....	108 33
2372	"	Oscar Quick .....	" .....	87 50
2373	"	J. C. Blair .....	" .....	56 25
2374	"	Wm. H. Browne, Jr. ....	" .....	100 00
2375	"	G. H. Meyer .....	" .....	110 00
2376	"	M. S. Ketchum .....	" .....	100 00
2377	"	G. A. Goodenough .....	" .....	137 50
2378	"	S. D. Brooks .....	" .....	133 33
2379	"	Maude W. Straight .....	" .....	91 66
2380	"	Jennette E. Carpenter ..	" .....	90 00
2381	"	G. A. Huff, Jr. ....	" .....	140 06
2382	"	W. J. Fraser .....	" .....	22 91

*Warrants—Continued.*

No.	Date.	To whom.	For what.	Amount.
2383	1900	C. R. Rose.....	Salary, March, 1900.....	\$95 00
2384	March 31	Margaret Mann.....	.. ..	75 00
2385	..	C. T. Wilder.....	.. ..	90 00
2386	..	W. C. Brenke.....	.. ..	85 00
2387	..	M. B. Hammond.....	.. ..	90 00
2388	..	H. L. Schoolcraft.....	.. ..	85 00
2389	..	N. C. Brooks.....	.. ..	80 00
2390	..	E. L. Milne.....	.. ..	80 00
2391	..	Martha J. Kyle.....	.. ..	75 00
2392	..	H. L. Coar.....	.. ..	110 00
2393	..	E. C. Schmidt.....	.. ..	100 00
2394	..	E. C. Oliver.....	.. ..	75 00
2395	..	W. A. Adams.....	.. ..	100 00
2396	..	Ralph Wylie.....	.. ..	80 00
2397	..	Emma Q. Fuller.....	.. ..	65 00
2398	..	E. J. Lake.....	.. ..	80 00
2399	..	Lucy H. Carson.....	.. ..	75 00
2400	..	W. J. Kennedy.....	.. ..	83 33
2401	..	J. W. Lloyd.....	.. ..	83 33
2402	..	G. M. Holferty.....	.. ..	75 00
2403	..	H. E. Ward.....	.. ..	83 33
2404	..	R. L. Short.....	.. ..	80 00
2405	..	J. H. McClellan.....	.. ..	80 00
2406	..	Oscar Erf.....	.. ..	83 33
2407	..	Jessie Y. Fox.....	.. ..	40 00
2408	..	G. P. Clinton.....	.. ..	20 00
2409	..	G. D. Hubbard.....	.. ..	60 00
2410	..	C. V. Seastone.....	.. ..	60 00
2411	..	H. V. Carpenter.....	.. ..	60 00
2412	..	J. L. Sammis.....	.. ..	60 00
2413	..	H. L. Chippis.....	.. ..	50 00
2414	..	J. F. Kable.....	.. ..	50 00
2415	..	A. D. Shamel.....	.. ..	25 00
2416	..	D. T. Randall.....	.. ..	50 00
2417	..	A. F. Burgess.....	.. ..	80 00
2418	..	James H. Walton, Jr.....	.. ..	50 00
2419	..	F. R. Fraprie.....	.. ..	50 00
2420	..	H. C. Marble.....	.. ..	50 00
2421	..	A. R. Curtiss.....	.. ..	85 00
2422	..	C. B. Clark.....	.. ..	85 00
2423	..	Henry Jones.....	.. ..	60 00
2424	..	J. H. Wilson.....	.. ..	60 00
2425	..	Grace O. Edwards.....	.. ..	75 00
2426	..	Laura R. Gibbs.....	.. ..	60 00
2427	..	Cecilia McConnel.....	.. ..	50 00
2428	..	Emma R. Jutton.....	.. ..	50 00
2429	..	F. C. Koch.....	.. ..	30 00
2430	..	H. C. Porter.....	.. ..	30 00
2431	..	R. W. Weirick.....	.. ..	30 00
2432	..	O. A. Leutwiler.....	.. ..	30 00
2433	..	G. H. Campbell.....	.. ..	30 00
2434	..	A. E. Paine.....	.. ..	20 00
2435	..	H. W. Quaintance.....	.. ..	20 00
2436	..	W. A. Hawley.....	.. ..	10 00
2437	..	E. G. Howe.....	.. ..	150 00
2438	..	Lillie A. Clendenin.....	.. ..	70 00
2439	..	C. W. Alvord.....	.. ..	100 00
2440	..	C. B. Randolph.....	.. ..	80 00
2441	..	J. W. Buchanan.....	.. ..	70 00
2442	..	W. L. Pillsbury.....	.. ..	162 50
2443	..	N. S. Spencer.....	.. ..	125 00
2444	..	Lillie Heath.....	.. ..	75 00
2445	..	L. A. Boice.....	.. ..	60 00
2446	..	W. F. Marker.....	.. ..	60 00
2447	..	Sue W. Ford.....	.. ..	55 00
2448	..	Jennie M. Laffin.....	.. ..	50 00
2449	..	Olive F. Saxton.....	.. ..	50 00
2450	..	Chas. Royall.....	.. ..	40 00
2451	..	Gertrude Shawhan.....	.. ..	25 00
2452	..	W. O. Waters.....	.. ..	25 00
2453	..	Adam Strohm.....	.. ..	25 00
2454	..	Joe Morrow.....	.. ..	83 33
2455	..	E. D. Gagnier.....	.. ..	60 00
2456	..	M. T. Lindsey.....	.. ..	40 00
2457	..	I. H. Allen.....	.. ..	40 00
2458	..	Chas. B. Ewalt.....	.. ..	35 00
2459	..	E. W. Justus.....	.. ..	55 00
2460	..	Spencer Stuckey.....	.. ..	55 00

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
2461	1900			
March 31		Fred Atkinson .....	Salary, March, 1900.....	\$60 00
2462	"	E. Atkinson .....	" .....	35 00
2463	"	Albert R. Lee .....	" .....	30 00
2464	"	W. J. Fulton .....	" .....	20 00
2465	"	P. P. Schaefer .....	" .....	10 00
2466	"	P. Adams .....	" .....	45 00
2467	"	Frank Spence .....	" .....	40 00
2468	"	E. A. Nelson .....	" .....	37 00
2469	"	A. McGlaughlin .....	" .....	37 00
2470	"	F. McClain .....	" .....	32 00
2471	"	Alcaner Burk .....	" .....	32 00
2472	"	J. J. Johnson .....	" .....	32 00
2473	"	H. H. Wright .....	" .....	32 00
2474	"	Philip Schwehm .....	" .....	27 00
2475	"	Frank Gleason .....	" .....	32 00
2476	"	C. V. Millar .....	" .....	85 00
2477	"	R. W. Stark .....	" .....	60 00
2478	"	D. McIntosh .....	" .....	75 00
2479	"	J. H. Ridgway .....	" .....	75 00
2480	"	Grace Maxwell .....	" .....	40 00
2481	"	D. H. Clark .....	" .....	12 50
2482	"	S. W. Shattuck .....	Salary, three months.....	100 00
2483	"	Edward Snyder .....	Interest .....	237 50
2484	"	General Electric Co. ....	Generator, transformers, etc ..	590 00
2485	"	A. F. Nightingale .....	Expenses .....	17 80
2486	"	F. M. McKay .....	" .....	17 85
2487	"	T. J. Smith .....	" .....	13 96
2488	"	C. H. Russell & Co. ....	Hardware .....	18 97
2489	"	H. McFadden & Bro .....	Broom, etc .....	23 50
2490	"	Edwin Hunt's Sons .....	Hardware .....	10 08
2491	"	W. W. Barnard & Co. ....	Seeds .....	5 60
2492	"	Riddiford Bros .....	Wringer .....	2 50
2493	"	A. V. Abbott .....	Material for views .....	8 50
2494	"	G. C. Willis .....	Cheese cloth, etc. ....	6 14
2495	"	Frank Minnis .....	Microhome .....	1 00
2496	"	Bausch & Lomb Optical Co ..	Microtome, knives, etc .....	25 69
2497	"	Cambria Steel Co .....	Hand books .....	5 00
2498	"	Am. Society of Mech. Engrs ..	Paper .....	2 40
2499	"	A. E. Price .....	Supplies .....	1 26
2500	"	A. B. Dick Co. ....	Stencil paper, etc .....	5 40
2501	"	Fassaner Ferron .....	Repairing bass violin .....	6 50
2502	"	John P. Wilson .....	Legal service .....	250 00
2503	"	Albert E. Weustman .....	Repairing clocks .....	2 00
2504	"	Eimer & Amend .....	Crucibles, etc .....	53 42
2505	"	Clayton F. Summy Co .....	Tuning pianos .....	12 50
2506	"	Munhall Printing House .....	Printing blanks .....	24 90
2507	"	Cham. Machine & Supply Co ..	Pipe fittings, etc .....	136 33
2508	"	Franklin Eng. & Electro. Co. ..	Zinc cut .....	4 44
2509	"	Alfred L. Robbins Co. ....	Compasses .....	3 21
2510	"	Western Electric Co. ....	Magnetic wire .....	20 24
2511	"	Chas. A. Strelinger Co. ....	Tubes, brass, etc. ....	13 40
2512	"	Eugene Dietzgen Co. ....	Tracing cloth, etc .....	10 20
2513	"	Champaign Co. Printing Co. ..	Printing proceedings, etc ..	136 44
2514	"	<i>The Gazette</i> .....	Printing blanks .....	213 35
2515	"	<i>Champaign County Herald</i> ..	Printing circulars, etc .....	76 75
2516	"	Paxton Hardware Mfg. Co. ....	Nickle plate .....	6 90
2517	"	Jones & Laughlins .....	Steel .....	6 90
2518	"	Machinists' Supply Co .....	Hammer handles .....	1 20
2519	"	Sheldon Brick Co. ....	Tile and sand .....	5 65
2520	"	Sprague, Warner Co. ....	Stone jars .....	6 74
2521	"	E. M. Burr & Co. ....	Castings .....	3 80
2522	"	Keuffel & Esser Co. ....	Slide rule, protractors, etc ..	22 81
2523	"	Cunningham Bros .....	Tracing cloth, etc .....	50 03
2524	"	S. W. Shattuck, Business Mgr ..	Express .....	46 76
2525	"	" .....	" .....	67 82
2526	"	Chas. A. Besore .....	Lumber, etc .....	59 17
2527	"	Hubbard & Sons .....	Keys, belting, etc .....	56 95
2528	"	Frison Bros .....	Repairs for dairy wagon .....	9 40
2529	"	Corkery & Spalding .....	Setting shoes .....	3 50
2530	"	A. Dietsch & Co .....	Hot bed sash .....	50 00
2531	"	Samuel Bartley .....	Rent of land .....	10 00
2532	"	Chas. T. Wilder .....	Expenses .....	5 50
2533	"	Bradner, Smith & Co. ....	Mounting board .....	5 50
2534	"	The Gardening Co .....	Advertisement .....	2 00
2535	"	A. J. Wallon & Son .....	Binders .....	4 00
2536	"	P. Ringer & Co .....	Index, etc .....	3 65
2537	"	R. E. Bowker .....	Subscription .....	4 00
2538	"	Boston Book Co. ....	Books .....	270 00

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
2539	March 31	1900.		
2540	"	A. C. McClurg & Co.	Books and stationery	\$17 36
2541	"	Lemcke & Buechner	Books	29 75
2542	"	Callaghan & Co.	Law books	7 75
2543	"	Daniel Stewart Co.	Window glass	36 40
2544	"	John Armstrong	Rubber boots	10 60
2545	"	Standard Oil Co.	Waste, etc.	51 38
2546	"	James R. Scott	Hauling coal	50 06
2547	"	S. W. Shattuck, Business Mgr.	Sundry accounts paid	92 49
2548	"	"	Pay-roll, students, February, 1900	310 73
2549	"	"	Pay-roll, men, February, 1900	1,373 24
2550	"	"	For extra expense, salary, etc.	700 00
2551	April 10	Newton A. Wells	Freight paid	141 41
2552	"	S. W. Shattuck, Business Mgr.	Contract	5,816 68
2553	"	V. Jobst & Sons	Architect's commission	174 50
2554	"	J. C. Llewellyn	Indicator spring	3 53
2555	"	Crosby Steam Gauge & V. Co.	Press clippings	6 00
2556	"	Ryan & Hart Co.	Levels, tapes, etc.	107 10
2557	"	Keuffel & Esser Co.	Grain tester	9 80
2558	"	Fairbanks, Morse & Co.	Short horn heifer	205 00
2559	"	J. R. Peak & Son	Printing blanks, etc.	57 00
2560	"	J. F. Prather	Rye	1 30
2561	"	Champaign County Herald	Double wheel hoe	6 30
2562	"	Union Roller Mills	Shut-off for pipe	1 40
2563	"	Bateman Mfg. Co.	Team with collars	305 00
2564	"	Bryant & McConney	Water, 3 months, to July 1, 1900	250 00
2565	"	Frank Miller	Beakera, test tubes, etc.	59 18
2566	"	C. & U. Water Co.	Bulbs, etc.	11 20
2567	"	Eemer & Amend	Appropriation	200 00
2568	"	Wm. J. Bohm	Blue prints	42 60
2569	"	The Illini	Expenses	33 60
2570	"	Albert B. Herrick	Wire	44 05
2571	"	L. P. Breckenridge	Chemical apparatus, etc.	24 25
2572	"	W. C. Heraens	Mounting paper, etc.	58 26
2573	"	Max Koehler & Martini	Coal	144 80
2574	"	Cambridge Botanical Sup. Co.	Gas consumed, 3 months, to March 24, 1900	774 48
2575	"	Sangamon Coal Co.	Freight paid	635 88
2576	April 23	S. W. Shattuck, Business Mgr.	Flower pots	25 03
2577	"	C. C. Pollworth Co.	Waste, oil	26 47
2578	"	Standard Oil Co.	Lumber	295 64
2579	"	Bonsack Lumber Co.	Typewriter oil	1 20
2580	"	Smith Premier Typewriter Co.	Hardware	25 79
2581	"	Hammacher, Schlemmer & Co.	Bolts, washers, etc.	5 77
2582	"	Paxton Hardware Mfg. Co.	Subscription to December, 1900	4 40
2583	"	The Engineering Magazine	Terrapin	2 00
2584	"	A. A. Sphung	Thermometers, slips, etc.	38 26
2585	"	Bausch & Lomb Optical Co.	Duplicator refilled	2 80
2586	"	Lawton & Co.	Pulleys	6 80
2587	"	Medart Patent Pulley Co.	Expenses	14 76
2588	"	E. Davenport	Printing letter heads and blanks	20 00
2589	"	Champaign Co. Printing Co.	Book	2 00
2590	"	Ginn & Co.	Binding periodicals	53 30
2591	"	R. B. Bowker	Books	2 50
2592	"	P. Ringer & Co.	Cards, etc.	57 25
2593	"	Callaghan & Co.	Steel	3 35
2594	"	Library Bureau	Drawings	14 80
2595	"	Jones & Laughlins	Paints, oils, etc.	2 33
2596	"	D. T. Randall	Gothic letters	5 71
2597	"	Wm. Price Estate	Wire	2 40
2598	"	Chas. A. Strelinger Co.	Tracing cloth	11 00
2599	"	Hanson & Van Winkle	Corrugated air cells	5 00
2600	"	A. S. Aloe Co.	Pipe, fittings, etc.	47 92
2601	"	Walch & Wyeth	Pipe fittings	53 40
2602	"	Cham. Machine & Supply Co.	Hose	8 55
2603	"	Crane Co.	Lumber	46 56
2604	"	Revere Rubber Co.	Belting	2 48
2605	"	Alexander Lumber Co.	Chairs	15 75
2606	"	Chas. A. Schieren & Co.	Expenses for dynamometer car	14 15
2607	"	Mittendorf & Kiler	Hardware	77 45
2608	"	E. C. Schmidt	Tubes, plates, etc.	3 55
2609	"	T. H. Trevett	Starting rheostats	32 50
2610	"	Western Electric Co.	Book	3 40
2611	"	General Electric Co.	Ascaris	8 00
2612	"	John Wiley & Sons	Book	10 54
2613	"	J. Ray Murlin	Supplies	38 00
2614	"	Josephine E. Tilden	Alcohol	70 57
2615	"	Ward's Natural Science Estab.		
2615	"	American Spirits Mfg. Co.		

## Warrants--Continued.

No.	Date.	To whom.	For what.	Amount.
	1900			
2616	April 20	The Public School Pub. Co.	Advertisement, 3 months	\$12 50
2617	"	C. M. Parker	Advertisement, 3 months, to April 30, 1900.	12 48
2618	"	Engineering News Pub. Co.	Advertisement, 3 months, to April 1, 1900.	6 87
2619	"	Champaign County Herald	Press bulletins, etc.	31 20
2620	"	Sheldon Brick Co.	Brick	10 20
2621	"	J. D. Green	Tin work, etc.	24 71
2622	"	Munhall Printing House	Printing reports.	13 75
2623	"	Wycoff, Seaman & Benedict	Ribbons	3 50
2624	"	D. H. Lloyde & Sons.	Books, paper, labels, etc.	8 20
2625	"	Henry A. Drear	Seeds	1 70
2626	"	R. T. Robinson	Wheat	2 00
2627	"	Iowa Seed Co.	Seeds	1 00
2628	"	Hubbard & Sons	Hardware	10 60
2629	"	Harry N. Hammond	Seeds	1 15
2630	"	J. A. Everett	"	7 19
2631	"	Johnston & Stokes	"	4 66
2632	"	James Vicks Sons	"	1 45
2633	"	W. W. Rawson & Co.	"	1 29
2634	"	John Lewis Childs	"	1 00
2635	"	F. B. Mills	"	2 20
2636	"	Peter Henderson & Co.	"	3 34
2637	"	Fuller & Fuller Co.	Chemicals, etc.	75 89
2638	"	J. C. Vaughan	Seeds	9 90
2639	"	The Gazette	Summer School circulars.	140 67
2640	"	A. W. Livingston's Sons	Seeds	1 20
2641	"	David Landreth & Sons	"	1 45
2642	"	J. M. Thornburn & Co.	"	2 37
2643	"	John A. Latzer Seed Co.	"	4 93
2644	"	W. Atlee Burpee & Co.	"	3 12
2645	"	John W. Foster	Expenses	129 20
2646	"	Ozias Riley	Postage	70 00
2647	"	C. A. Besore	Lumber, etc.	46 89
2648	"	S. W. Shattuck, Business Mgr.	Sundry accounts	93 88
2649	"	"	Express	11 00
2650	"	"	"	64 65
2651	April 30	A. S. Draper	Salary, April, 1900.	583 33
2652	"	T. J. Burrill	"	208 33
2653	"	S. W. Shattuck	"	166 66
2654	"	N. C. Ricker	"	208 33
2655	"	Ira O. Baker	"	187 50
2656	"	S. A. Forbes	"	83 83
2657	"	C. W. Rolfe	"	175 00
2658	"	D. McIntosh	"	75 00
2659	"	A. N. Talbot	"	179 16
2660	"	A. W. Palmer	"	187 50
2661	"	F. F. Frederick	"	166 66
2662	"	S. W. Parr	"	175 00
2663	"	H. J. Barton	"	175 00
2664	"	C. M. Moss	"	175 00
2665	"	D. K. Dodge	"	166 66
2666	"	L. P. Breckenridge	"	187 50
2667	"	David Kinley	"	208 33
2668	"	E. Davenport	"	104 16
2669	"	A. P. Carman	"	187 50
2670	"	W. H. Jones	"	116 66
2671	"	E. B. Greene	"	150 00
2672	"	C. C. Pickett	"	175 00
2673	"	Katharine L. Sharp	"	166 66
2674	"	G. T. Kemp	"	166 66
2675	"	G. W. Myers	"	166 66
2676	"	Wm. L. Drew	"	166 66
2677	"	J. K. Shell	"	150 00
2678	"	L. A. Rhodes	"	150 00
2679	"	T. A. Clark	"	141 66
2680	"	A. H. Daniels	"	112 50
2681	"	G. D. Fairfield	"	133 33
2682	"	C. W. Tooke	"	112 50
2683	"	Alison M. Ferine	"	133 33
2684	"	T. W. Hughes	"	141 66
2685	"	J. B. Scott	"	208 33
2686	"	W. S. Aldrich	"	208 33
2687	"	J. M. White	"	150 00
2688	"	Wm. Esty	"	133 33
2689	"	Violet D. Jayne	"	133 33
2690	"	H. S. Grindley	"	125 00
2691	"	H. S. Piatt	"	112 50

*Warrants—Continued.*

No.	Date.	To whom.	For what.	Amount.
2692	1900			
2693	April 30	F. A. Sager .....	Salary, April, 1900 .....	\$104 16
2694	"	Frank Smith .....	" .....	116 66
2695	"	C. D. McLane .....	" .....	104 16
2696	"	J. D. Phillips .....	" .....	87 50
2697	"	Seth J. Temple .....	" .....	108 33
2698	"	Oscar Quick .....	" .....	87 50
2699	"	J. C. Blair .....	" .....	56 25
2700	"	W. H. Browne, Jr. ....	" .....	100 00
2701	"	G. H. Meyer .....	" .....	110 00
2702	"	M. S. Ketchum .....	" .....	100 00
2703	"	G. A. Goodenough .....	" .....	137 50
2704	"	S. D. Brooks .....	" .....	133 33
2705	"	Maude W. Straight .....	" .....	91 66
2706	"	Jennett E. Carpenter .....	" .....	90 00
2707	"	G. A. Huff, Jr. ....	" .....	140 00
2708	"	W. J. Fraser .....	" .....	22 91
2709	"	C. R. Rose .....	" .....	95 00
2710	"	Margaret Mann .....	" .....	75 00
2711	"	C. T. Wilder .....	" .....	90 00
2712	"	W. C. Brenke .....	" .....	85 00
2713	"	M. B. Hammond .....	" .....	90 00
2714	"	H. L. Schoolcraft .....	" .....	85 00
2715	"	N. C. Brooks .....	" .....	80 00
2716	"	E. L. Milne .....	" .....	80 00
2717	"	Martha J. Kyle .....	" .....	75 00
2718	"	H. L. Coar .....	" .....	110 00
2719	"	E. C. Schmidt .....	" .....	100 00
2720	"	E. C. Oliver .....	" .....	75 00
2721	"	W. A. Adams .....	" .....	100 00
2722	"	Ralph Wylie .....	" .....	80 00
2723	"	Emma Q. Fuller .....	" .....	65 00
2724	"	E. J. Lake .....	" .....	80 00
2725	"	Lucy H. Carson .....	" .....	75 00
2726	"	W. J. Kennedy .....	" .....	83 33
2727	"	J. W. Lloyd .....	" .....	83 33
2728	"	G. M. Holferty .....	" .....	75 00
2729	"	H. E. Ward .....	" .....	83 33
2730	"	R. L. Short .....	" .....	80 00
2731	"	J. H. McClellan .....	" .....	80 00
2732	"	Oscar Erf .....	" .....	83 33
2733	"	Jessie Y. Fox .....	" .....	40 00
2734	"	G. P. Clinton .....	" .....	20 00
2735	"	G. D. Hubbard .....	" .....	60 00
2736	"	C. V. Seastone .....	" .....	60 00
2737	"	H. V. Carpenter .....	" .....	60 00
2738	"	J. L. Sammis .....	" .....	60 00
2739	"	H. L. Chipps .....	" .....	50 00
2740	"	J. F. Kable .....	" .....	50 00
2741	"	A. D. Shamel .....	" .....	25 00
2742	"	D. T. Randall .....	" .....	50 00
2743	"	A. F. Burgess .....	" .....	80 00
2744	"	J. H. Walton, Jr. ....	" .....	50 00
2745	"	F. R. Fraprie .....	" .....	50 00
2746	"	H. C. Marble .....	" .....	50 00
2747	"	A. R. Curtiss .....	" .....	85 00
2748	"	C. B. Clark .....	" .....	85 00
2749	"	Henry Jones .....	" .....	60 00
2750	"	J. H. Wilson .....	" .....	60 00
2751	"	Grace O. Edwards .....	" .....	75 00
2752	"	Laura R. Gibbs .....	" .....	60 00
2753	"	Cecelia McConnel .....	" .....	50 00
2754	"	Emma R. Jutton .....	" .....	50 00
2755	"	F. C. Koch .....	" .....	30 00
2756	"	Horace C. Porter .....	" .....	30 00
2757	"	R. W. Weirick .....	" .....	30 00
2758	"	O. A. Leutwiler .....	" .....	30 00
2759	"	G. H. Campbell .....	" .....	30 00
2760	"	A. E. Paine .....	" .....	20 00
2761	"	H. W. Quaintance .....	" .....	20 00
2762	"	W. A. Hawley .....	" .....	10 00
2763	"	E. G. Howe .....	" .....	150 00
2764	"	Lillie A. Clendenin .....	" .....	70 00
2765	"	C. W. Alvord .....	" .....	100 00
2766	"	C. B. Randolph .....	" .....	80 00
2767	"	J. W. Buchanan .....	" .....	70 00
2768	"	W. L. Pillsbury .....	" .....	162 50
2769	"	N. S. Spencer .....	" .....	125 00
2770	"	Lillie Heath .....	" .....	75 00



## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
2770	April 30	L. A. Boice .....	Salary, April, 1900 .....	\$60 00
2771	"	W. F. Marker .....	" .....	60 00
2772	"	Sue W. Ford .....	" .....	55 00
2773	"	Jennie M. Ladin .....	" .....	50 00
2774	"	Olive F. Saxton .....	" .....	50 00
2775	"	Chas. Royall .....	" .....	40 00
2776	"	Gertrude Shawhan .....	" .....	25 00
2777	"	W. O. Waters .....	" .....	25 00
2778	"	Adam Strohm .....	" .....	25 00
2779	"	Joe Morrow .....	" .....	83 33
2780	"	E. D. Gagnier .....	" .....	60 00
2781	"	M. T. Lindsey .....	" .....	40 00
2782	"	I. H. Allen .....	" .....	40 00
2782	"	Chas. B. Ewalt .....	" .....	35 00
2784	"	E. W. Justus .....	" .....	55 00
2785	"	Spencer Stuckey .....	" .....	55 00
2786	"	Fred Atkinson .....	" .....	60 00
2787	"	E. Atkinson .....	" .....	35 00
2788	"	Albert R. Lee .....	" .....	30 00
2789	"	W. J. Fulton .....	" .....	20 00
2790	"	P. P. Schaefer .....	" .....	10 00
2791	"	P. Adams .....	" .....	45 00
2792	"	Frank Spence .....	" .....	40 00
2793	"	E. A. Nelson .....	" .....	37 00
2794	"	A. McGlaughlin .....	" .....	37 00
2795	"	F. M. McClain .....	" .....	32 00
2796	"	Alcaney Burke .....	" .....	32 00
2797	"	J. J. Johnson .....	" .....	32 00
2798	"	H. H. Wright .....	" .....	32 00
2799	"	Frank Gleason .....	" .....	32 00
2800	"	Philip Schwehm .....	" .....	27 00
2801	"	O. V. Millar .....	" .....	85 00
2802	"	R. W. Stark .....	" .....	60 00
2803	"	D. McIntosh .....	" .....	75 00
2804	"	Grace Maxwell .....	" .....	40 00
2805	"	J. H. Ridgway .....	" .....	75 00
2806	"	Newton A. Wells .....	" .....	200 00
2807	"	D. H. Clark .....	" .....	12 50
2808	"	Royal Movers .....	Museum specimens .....	4 75
2809	"	Westinghouse Elect. & Mfg. Co.	Fuse blocks, etc. ....	23 79
2810	"	Katharine L. Sharp .....	Expenses .....	18 50
2811	"	Edw. G. Hines .....	Loan .....	80 00
2812	"	C. A. Kofoid .....	Expenses .....	6 30
2813	"	Frank Smith .....	" .....	24 92
2814	"	D. K. Dodge .....	" .....	15 90
2815	"	W. H. Horstman Co. ....	Flags .....	49 98
2816	"	Hartford Steam Boiler Inspection and Insurance Co. ....	Insurance .....	50 00
2817	"	Wyckoff, Seamans & Benedict.	Cabinet .....	28 50
2818	"	Alice A. Abbott .....	Expenses .....	7 25
2819	"	Geo. V. N. Dearborn .....	" .....	10 50
2820	"	E. G. Keith, Treas. ....	Clerk hire, 3 mos. to April 15, 1900. ....	150 00
2821	"	B. C. Beeth .....	Coal .....	112 46
2822	"	C. & U. Phoenix Tel. Co. ....	Services, 3 months. ....	36 00
2823	"	W. W. Lindley .....	Postage .....	30 00
2824	"	Stratton D. Brooks .....	Expenses .....	74 90
2825	"	James R. Scott .....	Hauling coal .....	96 35
2826	"	Kariher Grocery Co. ....	Salt, etc .....	4 10
2827	"	B. R. Hammer .....	Shoeing horses .....	3 10
2828	"	Creamery Package Mfg. Co. ....	Jars .....	9 04
2829	"	R. S. Wilber .....	Drayage .....	68 73
2830	"	Knowlton & Bennett .....	Shellac, oil, etc .....	9 80
2831	"	Henry Trevett .....	Ladders .....	4 50
2832	"	Wm. Price Estate .....	Paints, oil, etc .....	13 65
2833	"	E. Davenport .....	Expenses .....	8 59
2834	"	Walker & Mulliken .....	Picture frames, etc .....	12 25
2835	"	Macmillan Co. ....	Book .....	5 00
2836	"	Cunningham Bros .....	Paper, alcohol, etc. ....	129 46
2837	"	Machinists' Supply Co. ....	Wrenches, files, etc. ....	50 02
2838	"	Chas. A. Besore .....	Coal, etc .....	61 56
2839	"	P. Ringer & Co. ....	Binding periodicals .....	119 35
2840	"	Burrows Bros. Co. ....	Book .....	7 00
2841	"	Richards & Co. ....	Tubing, etc .....	3 46
2842	"	Wm. Ingersoll .....	Scaffold .....	5 00
2843	"	Crane Company .....	Pipe fittings .....	5 52
2844	"	John B. Bennett .....	Repairs on brick work, etc. ....	42 16
2845	"	Murphy Iron Works .....	Setting arch, brick, etc. ....	52 00
2846	"	Ft. Wayne Electric Works .....	Globes and lamp parts .....	9 15

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
2847	1900			
2848	April 30	H. M. Shuck & Co.	Hardware	\$2 35
2849	"	Central Electric Co.	Copper wire, cleats, etc.	48 92
2850	"	West Publishing Co.	Books	39 75
2851	"	Jones & Laughlins	Steel	5 13
2852	"	Ferguson & Craig	Repairing clock	5 50
2853	"	Swan Peterson	Plants	4 00
2854	"	C. H. Russell & Co.	Hardware	34 22
2855	"	H. McFadden & Bro.	Feed	13 50
2856	"	Plant Seed Co.	Grass seed	17 92
2857	"	<i>The Champaign News</i>	Printing, etc.	52 32
2858	"	D. H. Lloyd & Son	Paper	4 17
2859	"	Munhall Printing House	Printing	8 55
2860	"	Bausch & Lomb Optical Co.	Rectangles, etc.	12 38
2861	"	A. B. Dick Co.	Stencil paper	4 00
2862	"	Boyer R'y Speed Recorder Co.	Speed recorder	85 00
2863	"	Eberbach & Son	Boxes	18 05
2864	"	Baker & Adamson Chem. Co.	Acid	70 80
2865	"	Edison Mfg. Co.	Zincs, etc.	7 07
2866	"	C. H. Baddley	Lantern globes	1 10
2867	"	N. Central Association	Membership fee, 1900	3 00
2868	"	Mahn & Co.	Steel bars	4 00
2869	"	J. C. Vaughan	Grass seeds	27 31
2870	"	Sam Hedges	Work	13 50
2871	"	T. H. Trevett	Hardware	97 82
2872	"	L. L. Olds	Seeds	5 20
2873	"	W. E. Rumsey	Lantern slides, etc.	9 96
2874	"	Thos. Naughton	Photographs	10 75
2875	"	S. W. Shattuck, Business Mgr.	Pay-roll, men, March, 1900	1,346 87
2876	May 10	V. Jobst & Sons	Pay-roll, students, March, 1900	416 97
2877	"	Thomas & Smith	Contract	4,264 01
2878	"	Baumgarten Bros.	"	2,964 80
2879	"	J. C. Llewellyn	Architect's fees	583 57
2880	"	A. C. McClurg & Co.	Books and stationery	234 37
2881	"	R. R. Bowker	Books and stationery	41 83
2882	"	Callaghan & Co.	Literary Index	3 50
2883	"	Lemcke & Buechner	Books	11 55
2884	"	Boston Book Co.	"	7 86
2885	"	P. Ringer & Co.	Binding periodicals	146 00
2886	"	G. E. Stechert	Books, etc.	132 95
2887	"	Albert Miller Allen	Loan	59 66
2888	"	T. H. Trevett	Blank cartridges	50 00
2889	"	Johnson & Johnson	Rubber adhesives	6 50
2890	"	O. H. Lyon	Heifer	5 76
2891	"	<i>The Plexus</i>	Advertisement	150 03
2892	"	<i>Illinois Agriculturist</i>	"	4 00
2893	"	Fuller & Fuller Co.	Chemicals	20 00
2894	"	Stratton D. Brooks	Expenses	29 60
2895	"	<i>The Illio</i>	Expenses, etc.	44 20
2896	"	Champaign Mach. & Supply Co.	Appropriation	100 00
2897	"	The American Well Works	Pipe	128 44
2898	"	Singbusch & Stoltey	Ash wood rods	18 98
2899	"	Bausch & Lomb Optical Co.	Flour	1 10
2900	"	Frank Smith	Objectives, etc.	23 18
2901	"	Smith Premier Typewriter Co.	Expenses	5 90
2902	"	Miller Harness Co.	Ribbons	1 50
2903	"	Campbell & Spalding	Straps, dressing, etc.	7 75
2904	"	Miller & Sampson	Shoeing horses	7 00
2905	"	Frison Bros	Repairing harness, etc.	2 65
2906	"	Knowlton & Bennett	Repairs on wagon	1 60
2907	"	E. A. Robinson	Tracing cloth, stationery, etc.	10 17
2908	"	C. H. Baddeley	Asbestos paper, etc.	1 21
2909	"	Sheldon Brick Co.	Jars, matches, etc.	24 24
2910	"	<i>The Gazette</i>	Sand	1 20
2911	"	Newman Clock Co.	Printing blanks	42 75
2912	"	E. Dietzgen & Co.	Clock and fittings	25 00
2913	"	Chas. H. Besley & Co.	Tracing paper, etc.	14 77
2914	"	G. C. Willis	Screws, saw blades, etc.	9 79
2915	"	Chas. A. Strelinger Co.	Cotton flannel, etc.	9 04
2916	"	Francke Hardware Co.	Brass rods, etc.	6 81
2917	"	Mittendorf & Kiler	Clamps and screw driver	4 45
2918	"	Montgomery, Ward & Co.	Picture frames, etc.	60 95
2919	"	Walter F. Webb	Gasoline tank	8 30
2920	"	Alexander Lumber Co.	Museum supplies	2 10
2921	"	Chas. K. Worthen	Plaster of paris	2 25
2922	"	D. H. Lloyd & Son	Supplies	4 03
2923	"	E. M. Burr & Co.	Stationery, etc.	8 15
2924	"	Library Bureau	Burners mounted, etc.	24 95
			Cards	32 19

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
2925	1900 April 30	J. M. Chase.....	Painting farm house.....	\$7 00
2926	May 20	G. W. Leeper.....	Contract sinking well.....	253 75
2927	..	The American Well Works.....	Screw.....	66 60
2928	..	Henry A. Dreer.....	Seeds.....	11 35
2929	..	Standard Oil Co.....	Cylinder oil.....	27 79
2930	..	A. E. Price.....	Painting sign.....	2 40
2931	..	The Elizabeth Nursery Co.....	Plants.....	10 20
2932	..	Stoors & Harrison.....	Seeds, etc.....	22 70
2933	..	Campbell & Spalding.....	Shoeing horses.....	2 00
2934	..	C. H. Russell & Co.....	Mortise locks, etc.....	7 20
2935	..	Cunningham Bros.....	Paper, etc.....	45 97
2936	..	Crosby Steam G'ge & Valve Co.....	Indicator cards.....	5 00
2937	..	Knowlton & Bennett.....	Book labels, etc.....	4 95
2938	..	A. N. Talbot.....	Expenses.....	9 25
2939	..	Eimer & Amend.....	Tubing, etc.....	11 80
2940	..	Fuller & Fuller Co.....	Pumice stone.....	1 00
2941	..	A. B. Dick & Co.....	Stencil paper, etc.....	7 40
2942	..	Richards & Co.....	Rubber tubing, etc.....	5 27
2943	..	Champaign Mach. & Supply Co.....	Pipe, ells, etc.....	29 06
2944	..	S. A. Forbes.....	Expenses.....	55 85
2945	..	A. Pichler's Witwe & Sohn.....	Model.....	10 87
2946	..	Fred Kaempfer.....	Stands, eyes.....	3 29
2947	..	The Kny-Scheerer Co.....	Models.....	127 84
2948	..	C. M. Parker.....	Advertisement for May, 1900.....	4 16
2949	..	<i>The Gazette</i> .....	Students' record book.....	22 50
2950	..	<i>Champaign County Herald</i> .....	Printing proceedings, etc.....	59 81
2951	..	John Oscar Laugman.....	Loan.....	50 00
2952	..	Alex. McLean.....	Expenses.....	72 10
2953	..	A. F. Nightingale.....	..	19 10
2954	..	Thomas J. Smith.....	..	14 41
2955	..	W. L. Pillsbury.....	..	11 86
2956	..	F. H. Newell.....	..	16 00
2957	..	F. W. Willcox.....	..	10 20
2958	..	The Armour Fertilizer Works.....	Fertilizer.....	48 00
2959	..	A. H. Andrews & Co.....	Arm chair.....	24 00
2960	..	Chas. A. Besore.....	Coal and sand.....	34 50
2961	..	Central Electric Co.....	Zinc plates, potash, etc.....	3 63
2962	..	Fitzsimmons & Co.....	Rods.....	8 91
2963	..	Chas. E. Perry & Co.....	Paper.....	7 00
2964	..	Jones & Laughlins.....	Nuts.....	1 53
2965	..	H. Swannell & Son.....	Barrel gasoline, etc.....	19 82
2966	..	Henry's Grocery.....	Brooms, etc.....	5 50
2967	..	Augustine & Co.....	Tree.....	9 00
2968	..	Oscar Erf.....	Expenses.....	7 20
2969	..	S. B. Hedges.....	Straw, etc.....	8 71
2970	..	George Keller & Son.....	Flower pots.....	4 13
2971	..	W. W. Lindley.....	Postage stamps.....	130 00
2972	..	Ozias Riley.....	..	74 00
2973	..	S. W. Shattuck, Business Mgr.....	Express.....	46 14
2974	..	..	Sundry accounts.....	78 91
2975	..	..	Freight.....	256 97
2976	May 31	A. S. Draper.....	Salary, May, 1899.....	583 93
2977	..	T. J. Burrill.....	..	208 33
2978	..	S. W. Shattuck.....	..	166 66
2979	..	N. C. Ricker.....	..	208 33
2980	..	Ira O. Baker.....	..	187 50
2981	..	S. A. Forbes.....	..	83 33
2982	..	C. W. Rolfe.....	..	175 00
2983	..	D. McIntosh.....	..	75 00
2984	..	A. N. Talbot.....	..	179 16
2985	..	A. W. Palmer.....	..	187 50
2986	..	F. Frederick.....	..	166 66
2987	..	S. W. Parr.....	..	175 00
2988	..	H. J. Barton.....	..	175 00
2989	..	C. M. Moss.....	..	175 00
2990	..	D. K. Dodge.....	..	166 66
2991	..	L. P. Breckenridge.....	..	187 50
2992	..	David Kinley.....	..	208 33
2993	..	E. Davenport.....	..	104 16
2994	..	A. P. Carman.....	..	187 50
2995	..	W. H. Jones.....	..	116 66
2996	..	E. B. Greene.....	..	150 00
2997	..	C. C. Pickett.....	..	175 00
2998	..	Katherine L. Sharp.....	..	166 66
2999	..	G. T. Kemp.....	..	166 66
3000	..	G. W. Myers.....	..	166 66

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
3001	May 31 1900	W. L. Drew.....	Salary, May, 1900.....	\$166 66
3002	"	J. K. Shell.....	"	150 00
3003	"	L. A. Rhoades.....	"	150 00
3004	"	T. A. Clark.....	"	141 66
3005	"	A. H. Daniels.....	"	112 50
3006	"	G. D. Fairfield.....	"	133 33
3007	"	C. W. Tooke.....	"	112 50
3008	"	Alison M. Fernie.....	"	133 33
3009	"	T. W. Hughes.....	"	141 66
3010	"	J. B. Soott.....	"	208 33
3011	"	W. S. Aldrich.....	"	208 33
3012	"	James M. White.....	"	150 00
3013	"	Wm. Esty.....	"	133 33
3014	"	Violet D. Jayne.....	"	133 33
3015	"	H. S. Grindley.....	"	125 00
3016	"	H. S. Piatt.....	"	112 50
3017	"	F. A. Sager.....	"	104 16
3018	"	Frank Smith.....	"	116 66
3019	"	C. D. McLane.....	"	104 16
3020	"	J. D. Phillips.....	"	87 50
3021	"	S. J. Temple.....	"	108 33
3022	"	Oscar Quick.....	"	87 50
3023	"	J. C. Blair.....	"	56 25
3024	"	Wm. H. Browne, Jr.....	"	100 00
3025	"	Geo. H. Meyer.....	"	110 00
3026	"	M. S. Ketchum.....	"	100 00
3027	"	G. A. Goodenough.....	"	137 50
3028	"	S. D. Brooks.....	"	133 33
3029	"	M. W. Straight.....	"	91 66
3030	"	Jennette E. Carpenter.....	"	90 00
3031	"	Geo. A. Huff.....	"	140 00
3032	"	W. J. Fraser.....	"	22 91
3033	"	C. R. Rose.....	"	95 00
3034	"	Margaret Mann.....	"	75 00
3035	"	C. T. Wilder.....	"	90 00
3036	"	W. C. Brenke.....	"	85 00
3037	"	M. B. Hammond.....	"	90 00
3038	"	H. L. Schoolcraft.....	"	85 00
3039	"	N. C. Brooks.....	"	80 00
3040	"	E. L. Milne.....	"	80 00
3041	"	Martha J. Kyle.....	"	75 00
4042	"	H. L. Coar.....	"	110 00
4043	"	Edward C. Schmidt.....	"	100 00
4044	"	E. C. Oliver.....	"	75 00
3045	"	W. A. Adams.....	"	100 00
3046	"	Ralph Wiley.....	"	80 00
3047	"	Emma Q. Fuller.....	"	65 00
3048	"	E. J. Lake.....	"	80 00
3049	"	Lucy H. Carson.....	"	75 00
3050	"	W. J. Kennedy.....	"	83 33
3051	"	J. W. Lloyd.....	"	83 33
3052	"	G. W. Holferty.....	"	75 00
3053	"	H. E. Ward.....	"	83 33
3054	"	R. L. Short.....	"	80 00
3055	"	J. H. McClellan.....	"	80 00
3056	"	Oscar Erf.....	"	83 33
3957	"	Jessie Y. Fox.....	"	40 00
3058	"	G. P. Clinton.....	"	20 00
3059	"	Geo. D. Hubbard.....	"	60 00
3060	"	C. V. Seastone.....	"	60 00
3061	"	H. V. Carpenter.....	"	60 00
3062	"	J. L. Sammis.....	"	60 00
3063	"	H. L. Chipps.....	"	50 00
3064	"	J. F. Kable.....	"	50 00
3065	"	A. D. Shamel.....	"	25 00
3066	"	D. T. Randall.....	"	50 00
3067	"	A. F. Burgess.....	"	80 00
3068	"	J. H. Walton, Jr.....	"	50 00
3069	"	F. R. Fraprie.....	"	30 00
3070	"	H. C. Marble.....	"	50 00
3071	"	A. R. Curtiss.....	"	85 00
3072	"	C. B. Clark.....	"	85 00
3073	"	Henry Jones.....	"	60 00
3074	"	J. H. Wilson.....	"	60 00
3075	"	Grace O. Edwards.....	"	75 00
3076	"	Laura R. Gibbs.....	"	60 00
3077	"	Cecilia McConnell.....	"	50 00
3078	"	Emma R. Jutton.....	"	50 00

*Warrants—Continued.*

No.	Date.	To whom.	For what.	Amount.
3079	May 31 1900	F. C. Koch .....	Salary, May, 1900.....	\$30 00
3080	..	Horace C. Porter .....	..	30 00
3081	..	R. W. Weirick .....	..	30 00
3082	..	G. A. Leutwiler .....	..	30 00
3083	..	G. H. Campbell .....	..	30 00
3084	..	A. E. Paine .....	..	20 00
3085	..	H. W. Quaintance .....	..	20 00
3086	..	W. A. Hawley .....	..	10 00
3087	..	E. G. Howe .....	..	150 00
3088	..	Lillie A. Clendenin .....	..	70 00
3089	..	C. W. Alvord .....	..	100 00
3090	..	C. B. Randolph .....	..	80 70
3091	..	J. W. Buchanan .....	..	70 00
3092	..	W. L. Pillsbury .....	..	162 50
3093	..	N. S. Spencer .....	..	125 00
3094	..	Lillie Heath .....	..	75 00
3095	..	L. A. Boice .....	..	60 00
3096	..	W. F. Marker .....	..	60 00
3097	..	Sue W. Ford .....	..	55 00
3098	..	Jennie M. Laffin .....	..	50 00
3099	..	Olive F. Saxton .....	..	50 00
3100	..	Chas. Royall .....	..	40 00
3101	..	Gertrude Shawhan .....	..	25 00
3102	..	W. O. Waters .....	..	25 00
3103	..	Adam Strohm .....	..	25 00
3104	..	Joe Morrow .....	..	83 33
3105	..	E. D. Gagnier .....	..	60 00
3106	..	M. T. Lindsey .....	..	40 00
3107	..	J. H. Allen .....	..	40 00
3108	..	Chas. B. Ewalt .....	..	35 00
3109	..	E. W. Justus .....	..	55 00
3110	..	Spencer Stuckey .....	..	55 00
3111	..	Fred Atkinson .....	..	60 00
3112	..	E. Atkinson .....	..	35 00
3113	..	Albert R. Lee .....	..	30 00
3114	..	W. J. Fulton .....	..	20 00
3115	..	P. P. Schaeffer .....	..	10 00
3116	..	P. Adams .....	..	45 00
3117	..	Frank Spence .....	..	40 00
3118	..	A. McGlaughlin .....	..	37 00
3119	..	E. A. Nelson .....	..	42 00
3120	..	Alcaney Burk .....	..	32 00
3121	..	H. H. Wright .....	..	37 00
3122	..	Frank Gleason .....	..	37 00
3123	..	J. J. Johnson .....	..	32 00
3124	..	Philip Schwegm .....	..	27 00
3125	..	C. V. Millar .....	..	85 00
3126	..	R. W. Stark .....	..	60 00
3127	..	D. McIntosh .....	..	75 00
3128	..	Grace Maxwell .....	..	40 00
3129	..	J. H. Ridgway .....	..	75 00
3130	..	Newton A. Wells .....	..	200 00
3131	..	C. S. Hill .....	Tuning pianos .....	8 50
3132	..	Raymond C. Ricker .....	Loan .....	50 00
3133	..	The Western Roofing & S. Co. .....	Paint and cement .....	17 00
3134	..	Walter Howe Jones .....	Sheet music .....	2 45
3135	..	W. H. Paige & Co. .....	Tuning pianos .....	17 50
3136	..	A. E. Wuestman .....	Gold Medals .....	40 00
3137	..	Kenyon News & Postal Sub. Co. .....	Subscriptions, etc .....	68 03
3138	..	Alfred L. Robbins-Martin Co. .....	Leyden jars, etc .....	29 35
3139	..	Chas. A. Strelinger Co. .....	Taps, etc .....	4 34
3140	..	James B. Clow & Sons .....	Well casting .....	6 75
3141	..	James & Foote .....	Gears .....	9 00
3142	..	Medart Patent Pulley Co. .....	Pulleys .....	7 80
3143	..	E. M. Burr & Co. .....	Washers, bolts, etc .....	29 69
3144	..	Brown & Sharp Mfg. Co. .....	Gauges .....	2 95
3145	..	H. A. Farnham .....	Lantern slides .....	1 50
3146	..	Commercial Elect. Supply Co. .....	Cleats, etc .....	14 50
3147	..	Underwriters Bureau of Fire Protection Eng'g. .....	Reproductions from reports .....	3 00
3148	..	Crosby Steam Gage & Valve Co. .....	Gages .....	135 64
3149	..	Schaeffer & Budenberg .....	Recording gage, etc .....	92 20
3150	..	John Wiley & Sons .....	Book .....	3 40
3151	..	F. M. Crunder .....	Traveling expenses .....	15 00
3152	..	S. D. Brooks .....	Expenses .....	28 18
3153	..	New York Public Library .....	Bulletins .....	1 00
3154	..	Callaghan & Co. .....	Books .....	5 25
3155	..	Kate P. Johnson .....	Typewriting .....	10 26

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
	1900			
3156	May 31	P. Ringer & Co.	Binding	\$2 75
3157	"	Lemcke & Buechner	Books	1 05
3158	"	T. H. Caston & Co.	"	2 35
3159	"	The Boston Book Co.	"	309 00
3160	"	Singbusch & Stoltey	Flour	1 10
3161	"	Central Electric Co.	Battery cells, etc.	8 09
3162	"	Winslow Bros. Co.	Bronze name plates	26 50
3163	"	Union Tile Co.	Tile	36 52
3164	"	Sheldon Brick Co.	"	5 09
3165	"	Richards & Co.	Filters, etc.	14 15
3166	"	Henry Heil Chemical Co.	Platinum wire, etc.	43 51
3167	"	Frison Bros.	Repairs of sprayer, etc.	8 00
3168	"	C. W. Burkett	Book	1 50
3169	"	<i>The Technograph</i>	Advertisement	25 00
3170	"	Wyckoff, Seamans & Benedict	Ribbons	3 50
3171	"	Wm. Feldmann	Self binders	8 81
3172	"	S. W. Shattuck, business mgr.	Expenses to Chicago	49 90
3173	"	James R. Scott	Hauling coal	57 23
3174	"	S. W. Shattuck, business mgr.	Pay-roll, men, April, 1900	1,609 89
3175	"	S. W. Shattuck, business mgr.	Pay-roll, students, April, 1900	356 27
3176	June 11	V. Jobst & Sons	Contract	5,710 86
3177	"	Baumgarten Bros.	"	1,197 17
3178	"	Thomas & Smith	"	536 15
3179	"	J. C. Llewellyn	Architect's commission	223 32
3180	"	Rida E. Sellick	Expenses	6 75
3181	"	Frank Smith	Mounted specimens	65 00
3182	"	Miller & Leming	Cases	400 00
3183	"	H. O. Woodworth	Expenses	27 76
3184	"	Chas. A. Hart	"	17 21
3185	"	E. B. Forbes	"	155 11
3186	"	E. G. Howe	"	22 71
3187	"	A. A. Abbott	"	32 75
3188	"	E. E. Elliott	"	1 80
3189	"	E. J. Lang	"	10 00
3190	"	A. W. Smith	"	5 00
3191	"	W. A. Adams	"	13 86
3192	"	W. R. Courtney	"	4 00
3193	"	E. Davenport	"	3 46
3194	"	N. S. Spencer	"	10 66
3195	"	L. E. Stearns	"	15 00
3196	"	S. D. Brooks	"	24 64
3197	"	A. P. Carman	Battery cells	10 83
3198	"	Central Union Telephone Co.	Toll service and rent	35 20
3199	"	Ozias Riley	Postage	38 00
3200	"	W. W. Lindley	"	80 00
3201	"	R. S. Wilber	Drayage	103 50
3202	"	Standard Oil Co.	Waste, etc.	17 88
3203	"	Sangamon Coal Co.	Coal	280 40
3204	"	Electric Appliance Co.	Lamps	3 04
3205	"	J. S. Fay & Co.	Work with team	9 45
3206	"	Eimer & Amend	Alcohol	12 30
3207	"	Richards & Co.	Bottles	14 10
3208	"	Mrs. John Conkle	Work	3 00
3209	"	H. McFadden & Bro.	Feed, etc.	35 74
3210	"	E. M. Burr & Co.	Repairing lawn mower	2 75
3211	"	Geo. Witbold Co.	Seeds	42 20
3212	"	Watson Falkner	Floor wax, etc.	43 15
3213	"	Hodge & Homer Co.	Cloth	5 71
3214	"	<i>Champaign County Herald</i>	Printing bulletins	19 00
3215	"	R. R. Donnelley & Sons Co.	Printing catalogue	1,014 08
3216	"	A. S. Cameron S. Pump Works	Valves, etc.	1 65
3217	"	Garlock Packing Co.	Packing	30 82
3218	"	<i>The Gazette</i>	Printing, etc.	47 50
3219	"	Cambridge Bottle Supply Co.	Mounting paper, etc.	48 24
3220	"	Western Electric Co.	Wire, sockets, etc.	94 08
3221	"	E. T. Schocnmaker	Slides	15 00
3222	"	Knowlton & Bennett	Paper, etc.	7 05
3223	"	Bausch & Lomb Optical Co.	Circles, etc.	3 01
3224	"	Orr & Lockett Hardware Co.	Pad locks, etc.	12 96
3225	"	Sheldon Brick Co.	Sand and cement	29 20
3226	"	Crosby Steam Guage & Val. Co.	Valve	2 50
3227	"	A. C. McClurg & Co.	Books	13 80
3228	"	Burrow Bros. Co.	"	7 00
3229	"	Lemcke & Buechner	"	4 32
3230	"	G. E. Stechert	"	6 09
3231	"	Miller Harness Co.	Trunk, etc.	13 35
3232	"	W. W. Barnard & Co.	Seeds	1 10
3233	"	Montgomery Ward & Co.	Flag	4 40

## Warrants—Continued.

No.	Date.	To wnom.	For what.	Amount.
3234	1900	G. C. Willis.....	Sheeting.....	\$14 18
3235	June 11	Wm. Price Estate.....	White lead, etc.....	4 40
3236	"	Western N. Y. Hort. Soc.....	Membership fee.....	1 00
3237	"	Geo. W. York & Co.....	Subscription.....	1 00
3238	"	Champaign Roller Mills.....	Bran.....	4 50
3239	"	Stereopticon & Film Exchange	Lenses.....	1 50
3240	"	A. F. Meeks.....	Pasture rent.....	71 00
3241	"	Chas. A. Besore.....	Lumber, etc.....	38 15
3242	"	Champaign Mach. & Supply Co	Pipe and fittings.....	93 69
3243	"	Henlon & Hubble.....	Pipe.....	170 22
3244	"	H. Swannell & Son.....	Wall paper, etc.....	24 77
3245	"	Jones & Laughlins.....	Steel.....	2 90
3246	"	Chas. H. Besly & Co.....	Sheet brass.....	2 20
3247	"	T. H. Trevett.....	Hardware.....	12 35
3248	"	Hubbard & Sons.....	Wire cloth, hardware, etc.....	79 93
3249	"	Edwin E. Howell.....	Map.....	125 00
3250	"	James B. Clow & Son.....	Pipe tees, etc.....	305 06
3251	"	A. S. Draper.....	Expenses, 6 months, to May 26, 1900.	143 60
3252	June 20	Alex. McLean.....	Expenses.....	31 82
3253	"	T. J. Smith.....	".....	17 16
3254	"	F. M. McKay.....	".....	19 85
3255	"	Alice A. Abbott.....	".....	12 19
3256	"	Fred L. Hatch.....	".....	30 00
3257	"	S. A. Bullard.....	".....	40 90
3258	"	A. D. Shamel.....	".....	12 21
3259	"	Oscar Erf.....	".....	14 16
3260	"	S. A. Forbes.....	".....	18 75
3261	"	<i>The Engineering Record</i> .....	Advertisement.....	20 00
3262	"	J. D. Phillips.....	Writing diplomas.....	104 75
3263	"	Chas. F. Brown.....	Expenses.....	10 00
3264	"	Am. Entomological Co.....	Supplies.....	5 00
3265	"	The Foster-Munger Co.....	Glass.....	3 65
3266	"	<i>American Florist</i> .....	Subscription.....	1 00
3267	"	The Cook Well Co.....	Strainer.....	108 70
3268	"	Harry & Haines.....	Meat.....	17 45
3269	"	Chas. K. Worthen.....	Museum materials.....	26 50
3270	"	R. Abernathy.....	Painting sign.....	6 25
3271	"	C. N. Clark & Co.....	Stone slab.....	7 00
3272	"	Henry Troemner.....	Balance.....	95 00
3273	"	Kimball & Hoffman.....	Motor, etc.....	27 58
3274	"	S. W. Shattuck, Business Mgr.	Pay-roll, students, May.....	248 08
3275	"	".....	Pay-roll, men, May.....	1,490 36
3276	June 30	A. S. Draper.....	Salary, June, 1900.....	583 33
3277	"	T. J. Burrill.....	".....	208 33
3278	"	S. W. Shattuck.....	".....	166 66
3279	"	N. C. Ricker.....	".....	208 33
3280	"	Ira O. Baker.....	".....	187 50
3281	"	S. A. Forbes.....	".....	83 33
3282	"	C. W. Rolfe.....	".....	175 00
3283	"	D. McIntosh.....	".....	75 00
3284	"	A. N. Talbot.....	".....	179 16
3285	"	A. W. Palmer.....	".....	187 50
3286	"	F. F. Frederick.....	".....	166 66
3287	"	S. W. Parr.....	".....	175 00
3288	"	H. J. Barton.....	".....	175 00
3289	"	C. M. Moss.....	".....	175 00
3290	"	D. K. Dodge.....	".....	166 66
3291	"	L. P. Breckenridge.....	".....	187 50
3292	"	David Kinley.....	".....	208 33
3293	"	E. Davenport.....	".....	104 16
3294	"	A. P. Carman.....	".....	187 50
3295	"	W. H. Jones.....	".....	166 66
3296	"	E. B. Greene.....	".....	150 00
3297	"	C. C. Pickett.....	".....	175 00
3298	"	Katharine L. Sharp.....	".....	166 66
3299	"	G. T. Kemp.....	".....	166 66
3300	"	G. W. Meyers.....	".....	166 66
3301	"	Wm. L. Drew.....	".....	166 66
3302	"	J. K. Shell.....	".....	150 00
3303	"	L. A. Rhoades.....	".....	150 00
3304	"	T. A. Clark.....	".....	141 66
3305	"	A. H. Daniels.....	".....	112 50
3306	"	G. D. Fairfield.....	".....	133 33
3307	"	C. W. Tooke.....	".....	112 50
3308	"	Alison M. Fernie.....	".....	133 33
3309	"	T. W. Hughes.....	".....	141 66
3310	"	J. B. Scott.....	".....	208 33
3311	"	Wm. S. Aldrich.....	".....	208 33

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
3312	June 30 1900	James M. White.....	Salary, June, 1900.....	\$150 00
3313	"	Wm. Esty.....	"	133 33
3314	"	Violet D. Jayne.....	"	133 33
3315	"	H. S. Grindley.....	"	125 00
3316	"	H. S. Piatt.....	"	112 50
3317	"	F. A. Sager.....	"	104 16
3318	"	Frank Smith.....	"	116 86
3319	"	C. D. McLane.....	"	104 16
3320	"	J. D. Phillips.....	"	87 50
3321	"	S. J. Temple.....	"	108 33
3322	"	Oscar Quick.....	"	87 50
3323	"	J. C. Blair.....	"	56 25
3324	"	Wm. H. Browne, Jr.....	"	100 00
3325	"	Geo. H. Meyer.....	"	100 00
3326	"	M. S. Ketchum.....	"	100 00
3327	"	Geo. A. Goodenough.....	"	137 50
3328	"	S. D. Brooks.....	"	133 33
3329	"	Maude W. Straight.....	"	91 66
3330	"	Jennette E. Carpenter.....	"	90 00
3331	"	George A. Huff.....	"	140 00
3332	"	W. J. Fraser.....	"	22 91
3333	"	C. R. Rose.....	"	95 00
3334	"	Margaret Mann.....	"	75 00
3335	"	C. T. Wilder.....	"	90 00
3336	"	W. C. Brenke.....	"	85 00
3337	"	M. B. Hammond.....	"	90 00
3338	"	H. L. Schoolcraft.....	"	85 00
3339	"	N. C. Brooks.....	"	80 00
3340	"	E. L. Milne.....	"	80 00
3341	"	Martha J. Kyle.....	"	75 00
3342	"	Henry L. Coar.....	"	110 00
3343	"	Edward C. Schmidt.....	"	100 00
3344	"	E. C. Oliver.....	"	75 00
3345	"	W. A. Adams.....	"	100 00
3346	"	Ralph Wylie.....	"	80 00
3347	"	Emma Q. Fuller.....	"	65 00
3348	"	E. J. Lake.....	"	80 00
3349	"	Lucy H. Carson.....	"	75 00
3350	"	W. J. Kennedy.....	"	83 33
3351	"	J. W. Lloyd.....	"	83 33
3352	"	G. M. Holferty.....	"	75 00
3353	"	H. E. Ward.....	"	83 33
3354	"	R. L. Short.....	"	80 00
3355	"	J. H. McClellan.....	"	80 00
3356	"	Oscar Erf.....	"	83 33
3357	"	Jessie Y. Fox.....	"	40 00
3358	"	G. P. Clinton.....	"	20 00
3359	"	G. D. Hubbard.....	"	60 00
3360	"	C. V. Seastone.....	"	60 00
3361	"	H. V. Carpenter.....	"	60 00
3362	"	J. L. Sammis.....	"	60 00
3363	"	H. L. Chipps.....	"	50 00
3364	"	J. F. Kable.....	"	50 00
3365	"	A. D. Shamel.....	"	25 00
3366	"	D. T. Randall.....	"	50 00
3367	"	A. F. Burgess.....	"	80 00
3368	"	J. H. Walton.....	"	50 00
3369	"	F. R. Fraprie.....	"	50 00
3370	"	H. C. Marble.....	"	50 00
3371	"	A. R. Curtiss.....	"	85 00
3372	"	C. B. Clark.....	"	85 00
3373	"	Henry Jones.....	"	60 00
3374	"	J. H. Wilson.....	"	60 00
3375	"	Grace O. Edwards.....	"	75 00
3376	"	Laura R. Gibbs.....	"	60 00
3377	"	Cecilia McConnel.....	"	50 00
3378	"	Emma R. Jutton.....	"	50 00
3379	"	F. C. Koch.....	"	30 00
3380	"	Horace C. Porter.....	"	30 00
3381	"	R. W. Weirick.....	"	30 00
3382	"	O. A. Leutwiler.....	"	30 00
3383	"	G. H. Campbell.....	"	30 00
3384	"	A. E. Paine.....	"	20 00
3385	"	H. W. Quaintance.....	"	20 00
3386	"	W. A. Hawley.....	"	10 00
3387	"	E. G. Howe.....	"	150 00
3388	"	Lillie A. Clendenin.....	"	70 00
3389	"	C. W. Alvord.....	"	100 00



## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
3390	1900 June 30	C. B. Randolph.....	Salary, June, 1900.....	\$80 00
3391	"	J. W. Buchanan.....	"	70 00
3392	"	W. L. Pillsbury.....	"	162 50
3393	"	N. S. Spencer.....	"	125 00
3394	"	Lillie Heath.....	"	75 00
3395	"	L. A. Boice.....	"	60 00
3396	"	W. F. Marker.....	"	60 00
3397	"	Sue W. Ford.....	"	55 00
3398	"	Jennie M. Laffin.....	"	50 00
3399	"	Olive F. Saxton.....	"	50 00
3400	"	Chas. Royall.....	"	40 00
3401	"	Gertrude Shawhan.....	"	25 00
3402	"	W. O. Waters.....	"	25 00
3403	"	Adam Strohm.....	"	25 00
3404	"	Joe Morrow.....	"	83 33
3405	"	E. D. Gagnier.....	"	60 00
3406	"	M. T. Lindley.....	"	40 00
3407	"	I. H. Allen.....	"	40 00
3408	"	E. W. Justus.....	"	55 00
3409	"	Spencer Stuckey.....	"	55 00
3410	"	Fred Atkinson.....	"	60 00
3411	"	E. Atkinson.....	"	35 00
3412	"	Albert R. Lee.....	"	30 00
3413	"	W. J. Fulton.....	"	20 00
3414	"	P. P. Schaefer.....	"	10 00
3415	"	J. H. Ridgway.....	"	75 00
3416	"	D. McIntosh.....	"	75 00
3417	"	S. W. Shattuck.....	Salary, three months.....	100 00
3418	"	Newton A. Wells.....	Salary, June, 1900.....	200 00
3419	"	R. W. Stark.....	"	67 50
3420	"	C. V. Millar.....	"	37 50
3421	"	Grace Maxwell.....	"	40 00
3422	"	Chas. A. Strelinger Co.....	Steel.....	4 45
3423	"	John Wiley & Sons.....	Books.....	7 30
3424	"	Shaw-Walker Co.....	Cards.....	6 20
3425	"	Lambert Gas & Gasoline Eng. Co.....	Repairing engine.....	48 57
3426	"	G. W. Leeper.....	Sinking well.....	256 37
3427	"	P. Ringer & Co.....	Binding publications.....	1 20
3428	"	Callaghan & Co.....	Books.....	2 75
3429	"	Edward Thompson Co.....	"	3 00
3430	"	Lucy L. Flower.....	Expenses.....	45 58
3431	"	Standard Oil Co.....	Cylinder oil.....	50 40
3432	"	Edison Mfg. Co.....	Zincs.....	19 13
3433	"	W. C. Brenke.....	Expenses.....	1 00
3434	"	A. C. McClurg & Co.....	Envelopes and paper.....	23 00
3435	"	Champaign County Herald.....	Printing.....	147 87
3436	"	Jas. B. Clow & Sons.....	Pipe, etc.....	623 99
3437	"	J. D. Green.....	"	4 13
3438	"	H. J. Barton.....	Expenses, athletic meet.....	212 10
3439	"	Goes Lithographing Co.....	Printing warrants.....	49 00
3440	"	Champaign News.....	Printing blank forms.....	70 50
3441	"	Bausch & Lomb Optical Co.....	Objectives, slips, etc.....	198 72
3442	"	T. H. Trevett.....	Hardware.....	26 20
3443	"	D. H. Lloyd & Son.....	Piano rent, etc.....	48 00
3444	"	James & Foote.....	Gears.....	74 50
3445	"	Cunningham Bros.....	Tracing cloth, etc.....	31 37
3446	"	Gulick Tailoring Co.....	Sewing canvass.....	4 00
3447	"	G. C. Willis.....	Sheeting, etc.....	60 73
3448	"	S. W. Shattuck, business mgr.....	Freight.....	118 18
3449	"	S. W. Shattuck, business mgr.....	Sundry accounts.....	184 56
3450	"	S. W. Shattuck, business mgr.....	Express.....	136 69

## Warrants—Continued.

## STATE LABORATORY OF NATURAL HISTORY WARRANTS.

No.	Date.	To whom.	For what.	Amount.
	1900			
1	April 30	E. S. Field.....	Index cards.....	\$19 04
2	"	J. C. Winship Co.....	Printing bulletins.....	62 50
3	"	H. C. Forbes.....	Petty expenses.....	5 21
4	"	Lydia M. Hart.....	Drawings.....	64 70
5	"	S. W. Shattuck, business mgr.	Salary of H. A. Surface, etc.	24 60
6	June 20	J. C. Winship Co.....	Printing bulletins.....	64 95
7	"	G. Lewis.....	Board.....	9 00
8	"	Lydia M. Hart.....	Drawings.....	16 03

## AGRICULTURAL EXPERIMENT STATION WARRANTS.

No.	Date.	To whom.	For what.	Amount.
	1899			
1	July 31	W. W. Lindley.....	Postage.....	\$20 00
2	"	Satteley Mfg. Co.....	Lister.....	32 00
3	"	T. J. Burrill.....	Salary, July, 1899.....	50 00
4	"	W. L. Pillsbury.....	".....	25 00
5	"	E. Davenport.....	".....	95 83
6	"	D. McIntosh.....	".....	25 00
7	"	P. G. Holden.....	".....	54 16
8	"	J. C. Blair.....	".....	50 00
9	"	W. J. Fraser.....	".....	41 66
10	"	C. G. Hopkins.....	".....	125 00
11	"	C. P. Clinton.....	".....	66 67
12	"	Kate McIntyre.....	".....	55 00
13	"	S. W. Shattuck.....	".....	16 66
14	"	S. W. Shattuck.....	June, 1899, pay-roll.....	441 55
15	"	P. G. Holden.....	Expenses.....	33 54
16	"	Munhall Printing House.....	Printing blanks.....	7 85
17	"	T. E. Leal.....	Hay.....	5 68
18	"	Pettengale Bros.....	Hay, corn, etc.....	7 05
19	"	Bausch & Lomb Optical Co.....	Test tubes, labels, etc.....	37 85
20	Aug. 31	T. J. Burrill.....	Salary, August, 1899.....	50 00
21	"	W. L. Pillsbury.....	".....	25 00
22	"	E. Davenport.....	".....	112 49
23	"	D. McIntosh.....	".....	25 00
24	"	P. G. Holden.....	".....	54 17
25	"	J. C. Blair.....	".....	50 00
26	"	C. G. Hopkins.....	".....	125 00
27	"	W. J. Fraser.....	".....	41 67
28	"	G. P. Clinton.....	".....	66 66
29	"	Kate McIntyre.....	".....	55 00
30	"	S. W. Shattuck.....	".....	16 67
31	"	C. A. Besore.....	Lumber.....	13 21
32	"	H. A. Aldrich & Co.....	Ladders.....	8 75
33	"	R. T. Robeson.....	Bran and corn.....	23 35
34	"	Champaign County Herald.....	Paper and envelopes, etc.....	9 75
35	"	Goes Lithographing Co.....	Printing warrant book.....	13 00
36	"	Hack & Anderson.....	Printing bulletin No. 55.....	321 94
37	"	The Gazette.....	Printing blank forms.....	3 50
38	"	Standard Oil Co.....	Oil.....	2 00
39	"	Torrey Botanical Club.....	Book.....	3 00
40	"	Hubbard & Sons.....	Tin pans.....	12 00
41	"	Geo. F. Lasher.....	Postal guide.....	2 50
42	"	Champaign Mach. & Supply Co.....	Pipe fittings, etc.....	10 52
43	"	A. C. McClurg & Co.....	Note book.....	5 04
44	"	J. C. Blair.....	Expenses.....	54 00
45	"	S. W. Shattuck, business mgr.	Freight expenses, etc.....	38 39
46	"	S. W. Shattuck, business mgr.	Pay-roll, men, July, 1899.....	365 13
47	"	Standard Oil Co.....	Gas.....	8 57
48	"	W. W. Lindley.....	Postage.....	10 00
49	"	Larry & Larry.....	Wire screen.....	8 25
50	"	The Gazette.....	Printing, etc.....	5 50
51	"	Henry Heil Chemical Co.....	Thermometers.....	2 40
52	"	Union Roller Mills.....	Grinding feed, etc.....	22 25
53	"	Thomas Taughton.....	Photographs.....	4 30
54	"	Samuel Bartley.....	Labor on experiment field.....	6 25

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
55	Aug. 31	1899		
56	..	Hubbard & Sons.....	Rope, etc.....	\$20 82
57	..	R. T. Robinson.....	Meal, bran, etc.....	15 00
58	..	Barney Salsbury.....	Clover hay.....	22 96
59	..	Pettengale Bros.....	Corn, etc.....	6 30
60	..	S. W. Shattuck, business mgr.	Pay-roll August, 1899.....	243 52
61	..	..	Freight and express.....	10 67
62	..	T. J. Burrill.....	Salary, September, 1899.....	41 66
63	..	W. L. Pillsbury.....	..	25 00
64	..	E. Davenport.....	..	104 16
65	..	P. G. Holden.....	..	70 83
66	..	J. C. Blair.....	..	56 25
67	..	W. J. Fraser.....	..	45 83
68	..	G. P. Clinton.....	..	66 67
69	..	Kate McIntyre.....	..	65 00
70	..	S. W. Shattuck.....	..	16 67
71	..	L. H. Smith.....	..	50 00
72	..	A. D. Shamel.....	..	25 00
73	Sept. 30	T. W. Corkery.....	Shoeing horses.....	3 50
74	..	D. H. Lloyd & Son.....	Blank books, etc.....	7 70
75	..	W. F. Hardy.....	Binder twine.....	17 00
76	..	Knowlton & Bennett.....	Oil of turpentine, etc.....	10 58
77	Oct. 10	C. C. Willis.....	Muslin.....	1 12
78	..	<i>The Gazette</i> .....	Tags.....	5 25
79	..	H. Swannell & Son.....	Prescriptions, etc.....	8 10
80	..	Samuel Bartley.....	Labor.....	6 00
81	..	Eugene Davenport.....	Expense.....	8 65
82	..	P. G. Holden.....	..	5 60
83	..	C. & U. Phoenix Tel. Co.....	Telephone services to Dec. 15, 1899.....	3 00
84	..	Champaign Mach. Supply & Co.....	Pulley shock lifter, etc.....	11 70
85	..	E. M. Burr & Co.....	Repairing pulley, etc.....	21 60
86	..	Hubbard & Sons.....	Hardware.....	8 86
87	..	Gustav E. Stechert.....	Books.....	3 72
88	..	H. M. Shuck & Co.....	Pipe, elbows, etc.....	5 50
89	..	Chas. A. Besore.....	Lumber.....	76 75
90	..	<i>Champaign Co. Herald</i> .....	Printing letter heads, etc.....	17 00
91	..	W. J. Fraser.....	Expenses.....	5 75
92	Oct. 20	G. A. Garrison.....	Corn.....	140 00
93	..	Twin City Ice & Cold Storage Co.....	Ice.....	4 75
94	..	Henry Heil Chemical Co.....	Chemicals.....	51 57
95	..	Cunningham Bros.....	Plates.....	4 81
96	..	G. E. Stechert.....	Subscription.....	3 50
97	..	Wm. Sims Drug Co.....	Kodak.....	19 75
98	..	W. W. Lindley, P. M.....	Postage stamps.....	20 00
99	..	J. C. Blair.....	Petty expenses.....	47 44
100	Oct. 31	S. W. Shattuck, business mgr.	Pay-roll, September, 1899.....	189 66
101	..	T. J. Burrill.....	Salary, October, 1899.....	41 67
102	..	W. L. Pillsbury.....	..	25 00
103	..	E. Davenport.....	..	104 17
104	..	P. G. Holden.....	..	70 83
105	..	J. C. Blair.....	..	56 25
106	..	W. J. Fraser.....	..	45 83
107	..	G. P. Clinton.....	..	66 67
108	..	Kate McIntyre.....	..	65 00
109	..	S. W. Shattuck.....	..	16 67
110	..	L. H. Smith.....	..	50 00
111	Nov. 20	A. D. Shamel.....	..	25 00
112	..	S. F. Earl.....	Papering.....	13 51
113	..	Henry J. Green.....	Thermometer.....	4 05
114	..	F. K. Robeson & Bros.....	Grain sacks.....	11 25
115	..	Chas. A. Besore.....	Lumber.....	12 03
116	..	H. M. Shuck & Co.....	Husking pins.....	1 00
117	..	Champaign Mach. & Supply Co.....	Iron, etc.....	1 75
118	..	Richards & Co.....	Bottles, tubings and pipettes.....	201 76
119	..	Otto H. Swigart.....	Steers.....	462 50
120	Nov. 30	S. W. Shattuck, business mgr.	Pay-roll, Oct., 1899.....	301 55
121	..	T. J. Burrill.....	Salary, November, 1899.....	41 67
122	..	W. L. Pillsbury.....	..	25 00
123	..	E. Davenport.....	..	104 17
124	..	P. G. Holden.....	..	70 84
125	..	J. C. Blair.....	..	56 25
126	..	W. J. Fraser.....	..	45 84
127	..	G. P. Clinton.....	..	66 67
128	..	Kate McIntyre.....	..	65 00
129	..	S. W. Shattuck.....	..	16 67
130	..	L. H. Smith.....	..	50 00
131	Dec. 9	A. D. Shamel.....	..	25 00
132	..	E. E. Chester.....	Stock.....	48 00
	..	W. J. Fraser.....	Expenses.....	12 13

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
133	Dec. 9	1899		
134	Dec. 9	Samuel Bartley.....	Labor, etc.....	\$10 50
135	Dec. 9	J. C. Blair.....	Expenses.....	3 00
136	Dec. 9	Chas. A. Besore.....	Coal.....	14 35
137	Dec. 9	W. W. Lindley, P. M.....	Postage.....	20 00
138	Dec. 20	S. W. Shattuck, business mgr.....	Freight and express.....	15 51
139	Dec. 20	F. K. Robeson & Bro.....	Grain sacks.....	18 00
140	Dec. 20	Villa Ridge Nursery.....	Fear trees.....	1 70
141	Dec. 20	Schulz Bros.....	Apple trees.....	3 06
142	Dec. 20	F. S. Phoenix.....	Apple pear and peach trees.....	3 65
143	Dec. 20	Griggs Nursery Co.....	Trees.....	2 95
144	Dec. 20	James Littler.....	Hard coal.....	1 58
145	Dec. 20	G. C. Willis.....	Sacks, etc.....	5 94
146	Dec. 20	Champaign Co. Herald.....	Printing.....	36 25
147	Dec. 20	Chas. A. Besore.....	Lumber, etc.....	18 33
148	Dec. 30	G. E. Stechert.....	Books.....	7 77
149	Dec. 30	T. J. Burrill.....	Salary, December, 1899.....	41 66
150	Dec. 30	W. L. Pillsbury.....		25 00
151	Dec. 30	E. Davenport.....		104 16
152	Dec. 30	P. G. Holden.....		70 83
153	Dec. 30	J. C. Blair.....		56 25
154	Dec. 30	W. J. Fraser.....		45 83
155	Dec. 30	G. P. Clinton.....		66 66
156	Dec. 30	Kate McIntyre.....		65 00
157	Dec. 30	S. W. Shattuck.....		16 66
158	Dec. 30	L. H. Smith.....		50 00
159	Dec. 30	A. D. Shamel.....		25 00
160	Dec. 30	S. W. Shattuck, business mgr.....	Pay-roll, Nov., 1899.....	144 95
161	Jan. 20	1900		
162	Jan. 20	Thomas Meehan & Sons.....	Subscription.....	2 00
163	Jan. 20	R. T. Robinson.....	Feed.....	2 55
164	Jan. 20	S. B. Hedges.....	Hay.....	8 58
165	Jan. 20	Pattengale Bros.....	Bran, Straw, etc.....	5 45
166	Jan. 20	Champaign Roller Mills.....	Bran.....	32 00
167	Jan. 20	Swannell Mfg. Co.....	Linseed cake.....	37 50
168	Jan. 20	C. & U. Phoenix Tel. Co.....	Services.....	3 00
169	Jan. 20	The Gazette.....	Postal cards, etc.....	8 25
170	Jan. 20	Fairbanks Morse & Co.....	Spring balance.....	3 50
171	Jan. 20	T. W. Corkery.....	Shoeing horses.....	2 00
172	Jan. 20	H. Augustine.....	Expenses.....	16 03
173	Jan. 20	Champaign Mach. Supply Co.....	Lace leather.....	1 00
174	Jan. 20	F. E. Burr.....	Seed corn.....	2 50
175	Jan. 20	Hubbard & Sons.....	Hardware.....	7 95
176	Jan. 20	Kimball & Hoffman.....	Pipe, fittings, etc.....	20 28
177	Jan. 20	Wm. Price Estate.....	Papering, etc.....	18 46
178	Jan. 20	E. Davenport.....	Expenses.....	10 17
179	Jan. 20	S. W. Shattuck, business mgr.....	Pay-roll, Dec., 1899.....	147 62
180	Jan. 20	T. J. Burrill.....	Salary, January, 1899.....	41 67
181	Jan. 20	W. L. Pillsbury.....		25 00
182	Jan. 20	E. Davenport.....		104 17
183	Jan. 20	P. G. Holden.....		70 83
184	Jan. 20	J. C. Blair.....		56 25
185	Jan. 20	W. J. Fraser.....		45 83
186	Jan. 20	G. P. Clinton.....		66 67
187	Jan. 20	Kate McIntyre.....		65 00
188	Jan. 20	S. W. Shattuck.....		16 67
189	Jan. 20	L. H. Smith.....		50 00
190	Jan. 20	A. D. Shamel.....		25 00
191	Feb. 10	Smith Premier Typewriter Co.....	Mimeograph.....	15 00
192	Feb. 10	Champaign County Herald.....	Maller.....	18 50
193	Feb. 10	E. Davenport.....	Expenses.....	7 70
194	Feb. 10	E. & H. T. Anthony & Co.....	Photographic supplies.....	21 05
195	Feb. 10	D. H. Lloyd & Son.....	Paper, etc.....	1 60
196	Feb. 10	Chas. A. Besore.....	Hard coal.....	3 50
197	Feb. 10	T. H. Trevett.....	Scales, tubing, etc.....	5 72
198	Feb. 10	Walker & Mulliken.....	Book cases, etc.....	21 50
199	Feb. 10	W. W. Lindley.....	Postage stamps.....	20 00
200	Feb. 10	S. B. Hedges.....	Hay.....	9 45
201	Feb. 10	J. Manz & Co.....	Half tones.....	8 96
202	Feb. 10	P. G. Holden.....	Expenses.....	7 65
203	Feb. 10	M. Lowenstern & Son.....	Trunk.....	5 00
204	Feb. 10	Hubbard & Sons.....	Hardware.....	7 90
205	Feb. 10	H. Swannell & Son.....	Oil.....	7 02
206	Feb. 10	R. R. Donnelly & Sons Co.....	Bound report.....	71 92
207	Feb. 10	G. E. Stechert.....	Book.....	2 06
208	Feb. 10	Asso. of Am. Agri. Col. & Exp. Sta.....	Membership fee of 1900.....	10 00
209	Feb. 10	Champaign County Herald.....	Paper and envelopes.....	20 00
210	Feb. 10	S. W. Shattuck, business mgr.....	Pay-roll men, January, 1900.....	130 06
211	Feb. 10	T. J. Burrill.....	Salary, February, 1900.....	41 67

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount
210	Feb. 28	1900 W. L. Pillsbury	Salary, February, 1900.	\$25 00
211	"	E. Davenport	"	104 17
212	"	P. G. Holden	"	70 84
213	"	J. C. Blair	"	56 25
214	"	W. J. Fraser	"	22 91
215	"	G. P. Clinton	"	66 67
216	"	Kate McIntyre	"	65 00
217	"	S. W. Shattuck	"	16 67
218	"	L. H. Smith	"	50 00
219	"	A. Shamel	"	25 00
220	March 20	G. E. Stechert	Books	6 86
221	"	Pantagraph Ptg. & Sta. Co.	Ink	3 00
222	"	W. W. Lindley	Postage	20 00
223	"	Richards & Co	Rubber supplies, etc	1 98
224	"	Eugene Dietzgen & Co.	Tracing cloth	11 90
225	"	Cunningham Bros	Paper plates, etc.	13 60
226	"	Henry J. Green	Rain gage	2 00
227	"	C. M. Phillips	Live stock	25 00
228	"	G. R. Gamble	Printing negatives	1 75
229	"	Champaign County Herald	Printing	18 50
230	"	J. Manz & Co	Half tones	39 92
231	"	E. Davenport	Petty expenses	6 26
232	"	S. W. Shattuck, business m'gr	Pay-roll, February, 1899	131 92
233	March 31	T. J. Burrill	Salary, March, 1900	41 66
234	"	W. L. Pillsbury	"	25 00
235	"	E. Davenport	"	104 16
236	"	J. C. Blair	"	56 25
237	"	W. J. Fraser	"	22 92
238	"	G. P. Clinton	"	66 66
239	"	Kate McIntyre	"	65 00
240	"	S. W. Shattuck	"	16 66
241	"	L. H. Smith	"	50 00
242	"	A. D. Shamel	"	25 00
243	April 20	C. W. Rolfe	Clover seed	5 15
244	"	H. H. Sawyer	Labor	3 50
245	"	E. Barr	Crude oil	6 50
246	"	G. R. Petty & Co	Stakes	14 00
247	"	W. F. Hardy	Clover seed	2 51
248	"	D. H. Lloyd & Son	Films, etc	26 75
249	"	The Hammond Typewriter Co.	Machine	29 45
250	"	Champaign County Herald	Printing circulars	7 50
251	"	Thomas Naughton	Photographs	1 25
252	"	Samuel Bartley	Supt. experiments	15 00
253	"	The Gazette	Printing	16 75
254	"	Hubbard & Sons	Hardware	3 65
255	"	Glucose Sugar Refining Co.	Gluten feed	60 50
256	"	S. B. Hedges	Hay	10 74
257	"	Lawton & Co	Refilling duplicator	3 20
258	"	H. B. Gurler	Expenses	14 46
259	"	A. W. Abernathy	Photographs	6 50
260	"	E. Davenport	Expenses	14 82
261	"	J. Thompson & Sons Mfg. Co.	Scales	45 00
262	"	S. W. Shattuck, Business M'gr	Freight, express, etc.	61 84
263	April 30	T. J. Burrill	Salary, April, 1900	41 67
264	"	W. L. Pillsbury	"	25 00
265	"	E. Davenport	"	104 17
266	"	J. C. Blair	"	56 25
267	"	W. J. Fraser	"	22 92
268	"	G. P. Clinton	"	66 67
269	"	Kate McIntyre	"	65 00
270	"	S. W. Shattuck	"	16 67
271	"	L. H. Smith	"	50 00
272	"	A. D. Shamel	"	25 00
273	"	S. W. Shattuck, business m'gr	Pay-roll men, March, 1900	244 50
274	"	C. H. Baddeley	Bottles, etc.	41 63
275	"	Johnson & Stokes	Seeds	2 84
276	"	L. L. Olds	"	9 60
277	"	J. A. Everett	"	1 53
278	"	Chas. A. Besore	Coal, etc.	11 39
279	"	T. W. Wood & Sons	Seeds	2 30
280	"	N. Stern & Bro	Gloves	1 50
281	"	Iowa Seed Co	Seeds	2 20
282	"	T. H. Trevett	Copper work	2 25
283	"	E. J. Lake	Drawing	15 60
284	"	Sheldon Brick Co.	Brick	64 40
285	"	Wizard Plow Co.	Steel	9 00
286	"	H. E. Ward	Expenses	8 00
287	"	G. C. Willis	Muslin	2 55

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
288	1900			
288	April 30	H. Swannell & Son.....	Brushes, lead, etc.....	\$4 05
289	"	W. Atlee, Burpee & Co.....	Seeds.....	7 03
290	"	Knowlton & Bennett.....	Oil, glycerine, etc.....	1 35
291	"	Peter Henderson & Co.....	Seeds.....	7 83
292	"	Fuller & Fuller Co.....	Formaline.....	2 00
293	"	Keuffel & Esser Co.....	Levels, etc.....	68 40
294	"	J. Manz Engraving Co.....	Zinc cuts.....	43 70
295	"	G. E. Stechert.....	Books.....	58 55
296	"	C. & U. Phoenix Telephone Co.	Services 3 mos. June 15, 1900	3 00
297	"	E. Davenport.....	Expenses.....	4 45
298	"	Morrill & Morley.....	Tank and connections.....	39 15
299	"	D. W. Lieb & Son.....	Nursery stock.....	1 10
300	"	Samuel Bartley.....	Plowing, planting, etc.....	17 00
301	"	Hack & Anderson.....	Printing bulletin No. 57.....	595 71
302	"	W. W. Lindley.....	Postage stamps.....	20 00
303	"	W. H. Conn.....	Work.....	10 00
304	"	Fred A. Claypoole.....	Board.....	8 37
305	"	H. H. Sawyer.....	Work.....	8 00
306	"	Guy Roberts.....	Board.....	19 00
307	"	A. C. McClurg & Co.....	Pens.....	2 98
308	"	E. M. Burr & Co.....	Ring and grate.....	9 17
309	"	H. Swannell & Son.....	Drugs, etc.....	12 58
310	"	E. Davenport.....	Expenses.....	6 92
311	May 20	Samuel Bartley.....	Expenses.....	5 20
312	"	W. S. Hotchkiss.....	Expenses.....	10 00
313	"	Hack & Anderson.....	Printing bulletin No. 58.....	121 91
314	"	D. T. Dobbins.....	Manure.....	2 50
315	"	<i>Champaign County Herald</i> .....	Printing circulars.....	17 50
316	"	Hammond's Slug Shot Works.....	Tobacco extract, etc.....	3 36
317	"	Chas. A. Besore.....	Lumber.....	6 12
318	"	E. G. Mendenhall.....	Strawberry plants.....	1 00
319	"	Anson A. Hinkley.....	Plants.....	16 30
320	May 31	T. J. Burrill.....	Salary, May, 1900.....	41 67
321	"	W. L. Pillsbury.....	" " " " " " " " " "	25 00
322	"	E. Davenport.....	" " " " " " " " " "	104 17
323	"	J. C. Blair.....	" " " " " " " " " "	56 25
324	"	W. J. Fraser.....	" " " " " " " " " "	22 92
325	"	G. P. Clinton.....	" " " " " " " " " "	66 67
326	"	Kate McIntyre.....	" " " " " " " " " "	65 00
327	"	S. W. Shattuck.....	" " " " " " " " " "	16 67
328	"	L. H. Smith.....	" " " " " " " " " "	50 00
319	"	A. D. Shamel.....	" " " " " " " " " "	25 00
330	"	S. W. Shattuck, business mgr.	Pay-roll, men, April, 1900.....	314 62
331	"	J. C. Blair.....	Expenses.....	18 52
332	"	Bausch & Lomb Optical Co.....	Test tubes, etc.....	6 27
333	"	G. Cramer Dry Plate Works.....	Plates.....	2 64
334	"	O. H. Swigart.....	Ewes.....	56 00
335	"	John Dodson.....	Bees.....	6 00
336	"	G. E. Stechert.....	Subscription.....	3 00
337	"	Hack & Anderson.....	Printing bulletin.....	230 48
338	"	J. Manz Engraving Co.....	Half tones.....	2 89
339	"	E. Davenport.....	Expenses.....	12 26
340	"	G. C. Willis.....	Cloth, etc.....	20 18
341	"	M. Crawford Co.....	Strawberry plants.....	7 40
342	"	H. M. Baker.....	Oats.....	9 00
343	"	J. C. Vaughan.....	Seeds.....	4 75
344	"	Corkery & Spalding.....	Shoeing.....	1 00
345	"	W. F. Hardy.....	Wagon.....	25 00
346	"	S. W. Shattuck, business mgr.	Pay-roll, May, 1900.....	265 11
347	June 30	T. J. Burrill.....	Salary, June, 1900.....	41 67
348	"	W. L. Pillsbury.....	" " " " " " " " " "	25 00
349	"	E. Davenport.....	" " " " " " " " " "	104 17
350	"	J. C. Blair.....	" " " " " " " " " "	56 25
351	"	W. J. Fraser.....	" " " " " " " " " "	22 92
352	"	G. P. Clinton.....	" " " " " " " " " "	66 67
353	"	Kate McIntyre.....	" " " " " " " " " "	65 00
354	"	S. W. Shattuck.....	" " " " " " " " " "	16 67
355	"	L. H. Smith.....	" " " " " " " " " "	50 00
356	"	A. D. Shamel.....	" " " " " " " " " "	25 00
357	"	Addressograph Co.....	Addressograph and cabinet.....	57 72
358	"	W. W. Lindley.....	Postage.....	20 00
359	"	<i>Champaign County Herald</i> .....	Envelopes and paper.....	5 25
360	"	J. C. Vaughan.....	Plants.....	2 65
361	"	H. M. Baker.....	Oats.....	3 60
362	"	Wm. Henry Maule.....	Seeds.....	6 00
363	"	Chemical department, U. of I.....	Chemicals, etc.....	5 45
364	"	P. Ringer & Co.....	Binding periodicals.....	68 55
365	"	S. W. Shattuck, business mgr.	Sundry accounts.....	23 77

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
	1900			
366	June 30	P. Ringer & Co.....	Binding periodicals.....	1 10
367	"	G. E. Stechert.....	Subscription.....	3 00
368	"	Hubbard & Sons.....	Hardware.....	6 75
369	"	W. A. Etherton.....	Labor.....	15 00
370	"	T. H. Trevett.....	Hardware.....	7 40
371	"	Alexander Lumber Co.....	Lumber.....	53 25
372	"	Old Dominion I. Clad Pt. & Roof Co.....	Roof paint.....	18 90
373	"	H. Heil Chemical Co.....	Chemicals, etc.....	36 06
374	"	Brown Merrill Co.....	Publication.....	10 00
375	"	Anton Roland.....	Hay.....	96 52
376	"	J. C. Blair.....	Expenses.....	11 86
377	"	The Armour Fertilizer Works.....	Freight.....	5 48
378	"	Walker & Mulliken.....	Desk, etc.....	38 00
379	"	Twin City Electric Co.....	Gas lamp.....	3 80
380	"	D. H. Lloyd.....	Albums, etc.....	2 95
381	"	T. W. Corkery.....	Shoes.....	2 00
382	"	Cunningham Bros.....	Drugs.....	1 70
383	"	Robt. C. Morris.....	Seeds.....	8 00
384	"	S. B. Hedges.....	Oats.....	3 60
385	"	H. Swannell & Son.....	Zinc, etc.....	10 30
386	"	University of Illinois.....	Heat, light and water.....	120 00
387	"	Champaign County Herald.....	Envelopes, etc.....	110 00
388	"	The Hammond Typewriter Co.....	Copyholder, etc.....	8 80
389	"	The Home Telephone Co.....	Services, 3 mos.....	3 00
390	"	E. Davenport.....	Expenses.....	2 96
391	"	The Alexander Lumber Co.....	Lumber.....	61 46
392	"	S. W. Shattuck, Business M'gr	Pay-roll, etc., June, 1900.....	350 79

## SCHOOL OF PHARMACY WARRANTS.

No.	Date.	To whom.	For what.	Amount.
	1899			
1	July 31	W. B. Day	Salary, July, 1899	\$75 00
2	"	Henry Eulert	"	50 00
3	Aug. 31	W. B. Day	Salary, August, 1899	75 00
4	"	Henry Eulert	"	50 00
5	"	E. J. Anthony	Receipt books, etc	5 75
6	"	Fuller & Fuller Co.	Paints, oil, etc	18 86
7	"	W. B. Day, Actuary	Petty expenses to July, 1899	38 18
8	Sept. 30	W. B. Day	Salary, September, 1899	75 00
9	"	Henry Eulert	"	50 00
10	"	The Oliver Typewriter Co	Repairs	3 70
11	"	E. J. Anthony	Envelopes, etc	5 50
12	"	Peabody Coal Co.	Coal	291 50
13	"	Donohue & Henneberry	Printing catalogue, etc	276 50
14	"	E. H. Sargent	Drugs, scales, etc	215 31
15	"	W. B. Day, actuary	Expenses from July 26 to Sept. 20, '99	86 83
16	Oct. 12	E. H. Sargent & Co.	Rubber tubing, wire, etc	86 25
17	"	The National Druggist	Advertisement	25 00
18	"	The American Distilling Co.	Alcohol	24 12
19	"	Merck & Co.	Advertisement	15 00
20	"	Randolph Box & Label Co.	Labels	2 50
21	"	Pharmaceutical Review Pub. Co.	Advertisement	15 00
22	"	P. F. Pettibone & Co.	Stationery	2 90
23	"	Meyer Bros., druggist.	Advertisement	15 00
24	"	A. C. McClurg & Co.	Tablets	3 23
25	"	D. O. Haynes & Co.	Advertising	85 00
26	"	Gilbert & Bennet Mfg. Co.	Wire cloth	6 37
27	"	General Chemical Co.	Ammonia, etc	3 40
28	"	The Druggist Circular	Advertising	33 33
29	"	Chicago Telephone Co.	Services to July 1, 1900.	31 25
30	"	Western Union Tel. Co.	Time service, 3 mos.	3 00
31	"	American Druggist Pub. Co.	Advertisement	50 00
32	"	Fuller & Fuller Co.	Corks, etc	1 88
33	"	E. J. Anthony	Envelopes, etc.	9 75
34	O ct. 3	F. M. Goodman	Salary, October, 1899	92 06
35	"	C. S. Hallberg	"	138 09
36	"	W. A. Puckner	"	138 09

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
37	Oct. 31	1899		
38	"	W. B. Day, actuary.....	Salary, October, 1899.....	\$121 03
39	"	H. Eulert.....	" " " " " " " "	50 00
40	"	J. H. Clough.....	Rent, 6 mos.....	1,200 00
41	"	W. B. Day, Actuary.....	Petty expenses.....	30 24
42	Nov. 20	Richards & Co.....	Forceps, vials, etc.....	69 56
43	"	Richards & Co.....	Platinum, etc.....	25 33
44	"	Mandel Bros.....	Crash.....	2 42
45	"	The Neostyle Co.....	Paper and ink.....	3 40
46	"	T. P. Brankin.....	Sprinkling for six months.....	10 00
47	"	S. B. Traub.....	Furnace repaired.....	22 40
48	"	Donohue & Henneberry.....	Paper, etc.....	10 15
49	"	Searle & Hereth Co.....	Drugs.....	7 45
50	"	E. H. Sargent & Co.....	Trommers, weights, etc.....	92 37
51	"	Fuller & Fuller Co.....	Drugs, etc.....	16 81
52	Nov. 30	F. M. Goodwin.....	Salary, November, 1899.....	92 06
53	"	C. S. N. Hallberg.....	" " " " " " " "	138 09
54	"	W. A. Puckner.....	" " " " " " " "	138 09
55	"	W. B. Day.....	" " " " " " " "	121 03
56	"	Henry Eulert.....	" " " " " " " "	50 00
57	Dec. 9	J. H. Clough.....	Rent, November, 1899.....	200 00
58	"	Neostyle Co.....	Stencil paper, etc.....	5 40
59	"	Donohue & Henneberry.....	Paper.....	3 00
60	"	General Chemical Co.....	Ammonia.....	1 75
61	"	Fuller & Fuller Co.....	Chemicals.....	28 75
62	"	Gilpin, Langdon & Co.....	Drugs.....	37 63
63	Dec. 20	W. B. Day, actuary.....	Petty expenses to Nov. 19, 1899.....	34 58
64	Dec. 30	Illinois Pharmaceutical Ass'n.....	Advertisement.....	10 00
65	"	F. M. Goodman.....	Salary, December, 1899.....	92 06
66	"	C. S. N. Hallberg.....	" " " " " " " "	138 09
67	"	W. A. Puckner.....	" " " " " " " "	138 09
68	"	W. B. Day.....	" " " " " " " "	121 03
69	"	Henry Eulert.....	" " " " " " " "	50 00
70	"	J. H. Clough.....	Rent for December, 1899.....	200 00
71	"	Neostyle Co.....	Printing blanks.....	2 65
72	"	E. H. Sargent & Co.....	Drugs, etc.....	1 98
73	"	Fuller & Fuller Co.....	Chemicals.....	6 69
74	"	Chicago Telephone Co.....	Telephone service, 3 months.....	31 25
75	"	Western Union Tel. Co.....	Service, 3 months.....	3 00
76	Jan. 10	Geo. T. Johnson.....	Toilet paper.....	11 00
77	"	1900.		
78	"	W. B. Day.....	Petty expenses to Dec. 15, 1899.....	40 37
79	"	F. M. Goodman.....	Salary, January, 1900.....	92 06
80	"	C. S. Hallberg.....	" " " " " " " "	138 09
81	"	W. A. Puckner.....	" " " " " " " "	138 09
82	"	W. B. Day.....	" " " " " " " "	121 03
83	"	Henry Eulert.....	" " " " " " " "	50 00
84	Feb. 10	J. H. Clough.....	Rent, January, 1900.....	200 00
85	"	W. B. Day, Actuary.....	Expenses to Jan. 20, 1900.....	47 38
86	"	Searle & Hearth Co.....	Drugs.....	2 50
87	"	Richards & Co.....	Chemicals.....	26 01
88	"	Pictorial Printing Co.....	Labels.....	3 50
89	"	Fuller & Fuller Co.....	Chemicals.....	9 54
90	"	Neostyle Co.....	Paper.....	2 65
91	"	Donohue & Henneberry.....	" " " " " " " "	4 50
92	Feb. 28	F. M. Goodman.....	Salary, February, 1900.....	92 06
93	"	C. S. N. Hallberg.....	" " " " " " " "	138 09
94	"	W. A. Puckner.....	" " " " " " " "	138 00
95	"	W. B. Day.....	" " " " " " " "	121 03
96	"	Henry Eulert.....	" " " " " " " "	50 00
97	"	J. H. Clough.....	Rent of building for February, 1900.....	200 00
98	"	H. H. Rogers.....	Services as lecturer.....	50 00
99	"	Neostyle Co.....	Stencils, etc.....	3 15
100	"	M. L. Barrett & Co.....	Oil, wintergreen, etc.....	2 90
101	"	S. B. Traub.....	Casting for furnace, etc.....	7 95
102	"	General Chemical Co.....	Ammonia.....	2 35
103	"	Richards & Co.....	Chemicals, etc.....	1 83
104	"	Morrison, Plummer Co.....	Drugs, etc.....	14 47
105	"	Goes Lithographing Co.....	Diplomas.....	12 50
106	"	W. B. Day, Actuary.....	Petty expenses.....	82 14
107	"	F. M. Goodman.....	Salary, March, 1900.....	92 06
108	"	C. S. N. Hallberg.....	" " " " " " " "	138 09
109	"	W. A. Puckner.....	" " " " " " " "	138 09
110	"	W. B. Day.....	" " " " " " " "	121 03
111	"	Henry Eulert.....	" " " " " " " "	50 00
112	April 20	J. H. Clough.....	Rent of building, March, 1900.....	200 00
113	"	H. H. Rogers.....	Lecturer in physiology.....	50 00
	"	Chicago Telephone Co.....	Services, 3 mos., to July 1, 1900.....	31 25
	"	Richards & Co.....	Test tubes, etc.....	7 22



## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
114	April 1900	Donohue & Henneberry.....	Paper.....	\$2 50
115	"	Chas. N. Crandle.....	Engrossing diplomas .....	11 25
116	"	Neostyle Co.....	Stencils .....	2 65
117	"	W. B. Day, Actuary .....	Petty expenses to March 13, 1900 .....	42 62
118	"	Fuller & Fuller Co.....	Chemicals.....	42 90
119	April 30	F. M. Goodman.....	Salary, April, 1900.....	92 06
120	"	C. S. Hallberg.....	" .....	138 09
121	"	W. A. Puckner.....	" .....	138 09
122	"	W. H. Day.....	" .....	121 03
123	"	Henry Eulert.....	" .....	50 00
124	"	J. H. Clough.....	Rent for April, 1900.....	200 00
125	"	Donohue & Henneberry.....	Paper .....	4 25
126	"	E. J. Anthony.....	Envelopes, etc.....	15 90
127	"	<i>The Western Druggist</i> .....	Advertisement, 5 months .....	20 00
128	"	Western Union Tel. Co.....	Time services, 3 months .....	3 00
129	"	W. B. Day, Actuary .....	Expenses.....	147 47
130	May 31	W. B. Day.....	Salary, May, 1900.....	75 00
131	"	Herman Schoepke.....	" .....	50 00
132	"	H. S. Cooper.....	Calclmining and plastering.....	65 00
133	"	W. B. Day.....	Petty expenses, etc.....	61 90
134	"	W. A. Puckner.....	Salary, balance, 1899-1900.....	393 70
135	"	C. S. Hallberg.....	" .....	393 70
136	"	F. M. Goodwin.....	" .....	262 47
137	"	W. B. Day.....	" .....	131 24
138	June 20	W. B. Day.....	Salary, June, 1900.....	75 00
136	"	Herman Schoepke.....	" .....	50 00

## SCHOOL OF MEDICINE—WARRANTS.

No.	Date.	To whom.	For what.	Amount.
1	July 1899	Burlington Coal Co.....	Coal.....	\$21 90
2	"	Imitation Typewriting Co.....	Printing, etc.....	558 18
3	"	<i>Medill High School Athlete</i> .....	Advertisement.....	6 00
4	"	Blakely Printing Co.....	Printing, etc.....	546 75
5	"	McDonald & Co.....	" .....	8 25
6	"	Riddeford Bros.....	Sponges, maps, etc.....	9 49
7	"	C. R. Killin.....	Dry goods .....	2 18
8	"	Sharp & Smith.....	Catgut.....	1 69
9	"	Marshall Field & Co.....	Carpets, etc.....	46 71
10	"	Fuller & Fuller Co.....	Chemicals.....	44 76
11	"	J. A. Wesener.....	Salary, July, 1899.....	75 00
12	"	W. A. Evans.....	" .....	50 00
13	"	W. T. Eckley.....	" .....	60 00
14	"	A. Gehrman.....	" .....	25 00
15	"	E. G. Earle.....	" .....	25 00
16	"	F. E. Wynekoop.....	" .....	10 00
17	"	W. E. Coats, Jr.....	" .....	10 00
18	"	N. M. Verry.....	" .....	70 00
19	"	E. M. Heelan.....	" .....	60 00
20	"	Grace W. Bryant.....	" .....	40 00
21	"	W. A. Pusey.....	" .....	41 66
22	"	P. D. Whyte.....	" .....	36 00
23	"	George Johnston.....	" .....	40 00
24	"	John McClain.....	" .....	25 00
25	"	A. N. DeVault.....	" .....	30 00
26	"	Rachelle G. Yarros.....	" .....	25 00
27	"	C. C. O'Byrne.....	" .....	30 00
28	"	S. W. Shattuck.....	Salary, 3 months.....	100 00
29	July 31	Western Union Telegraph Co.....	Time service.....	18 00
30	"	Chicago Telephone Co.....	Telephone service .....	60 42
31	"	Miller & Hills.....	Can of disinfectant.....	8 50
32	"	Peoples' Gas, Light & Coke Co.....	Gas to July 8, 1899.....	33 44
33	"	Burlington Coal Co.....	Coal.....	11 16
34	"	Commonwealth Elect. Co.....	Electricity to July 21, 1899.....	2 72
35	"	Oscar G. Lange.....	Repairing microscopes.....	28 50
36	"	West Side Hospital.....	Services of nurse.....	72 00
37	"	Richards & Co.....	Forceps.....	22 50
38	"	Fuller & Fuller Co.....	Chemicals, etc.....	28 92

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
39	July 1899	31 Banker, Merchant & Mfr. ....	Advertisements .....	\$15 00
40	"	<i>Journ'l of Am'ric'n Med. Asso.</i> ..	" .....	26 00
41	"	Rachelle Yarros .....	Servant for July, 1899. ....	8 90
42	"	W. Hughes .....	Plastering .....	22 00
43	"	Lloyd Iron Roofing & Paint Co ..	Repairing skylights, etc .....	50 82
44	"	W. A. Pusey .....	Rent, etc. ....	77 00
45	"	H. Ahrens .....	Soap, etc. ....	27 73
46	"	E. D. Evans .....	Repairs, etc. ....	220 30
47	"	Goodhart's N. M. Laundry .....	Laundry work .....	12 52
48	"	John G. Butler .....	Oil .....	16 94
49	"	P. F. Pettibone & Co. ....	Ink .....	2 50
50	"	Cameron, Amberg & Co. ....	Cards .....	1 25
51	"	Rogers-Hall Co .....	Printing blanks, etc. ....	17 50
52	"	<i>The Plexus</i> .....	Advertisizing .....	42 75
53	"	Imitation Typewriting Co. ....	Addressing catalogues, etc. ....	7 71
54	"	Medical Recorder Pub. Co .....	Advertisement .....	10 13
55	"	Chicago Clinical Rev. Pub. Co. ....	" .....	18 75
56	"	Burlington Coal Co .....	Coal .....	23 64
57	"	Marshall Field & Co. ....	Cloth .....	48 04
58	"	J. P. Kearns & Co. ....	Cotton bags .....	6 38
59	"	V. Mueller & Co. ....	Instruments .....	12 35
60	"	Sharpe & Dohme .....	Drugs .....	12 53
61	"	W. A. Pusey .....	Services of stenographer, etc. ....	75 30
62	"	Richards & Co. ....	Chemicals, etc. ....	130 28
63	"	Fuller & Fuller Co .....	Ammonia, paints, etc. ....	32 27
64	August 31	J. A. Wesener .....	Salary, August, 1899 .....	75 00
65	"	W. A. Evans .....	" .....	50 00
66	"	W. T. Eckley .....	" .....	60 00
67	"	A. Gehrmann .....	" .....	25 00
68	"	E. G. Earle .....	" .....	25 00
69	"	F. E. Wynekoop .....	" .....	10 00
70	"	W. E. Coats, Jr. ....	" .....	10 00
71	"	N. M. Verry .....	" .....	70 00
72	"	E. M. Heelan .....	" .....	60 00
73	"	Grace W. Bryant .....	" .....	40 00
74	"	W. A. Pusey .....	" .....	41 66
75	"	P. D. Whyte .....	" .....	36 00
76	"	George Johnston .....	" .....	40 00
77	"	John McClain .....	" .....	25 00
78	"	A. N. DeVault .....	" .....	30 00
79	"	Rachelle Yarros .....	" .....	25 00
80	"	Charles C. O'Byrne .....	" .....	30 00
81	Sept.	9 Demonstrators' Asso. of Ill. ....	Assessment No. 8 .....	102 00
82	"	Mechanical Rubber Co. ....	Hose .....	8 75
83	"	R. S. Yarros .....	Expenses .....	10 00
84	"	Y. M. C. A. of Chicago .....	Advertisement .....	25 00
85	"	Commonwealth Electric Co. ....	Electricity to August 22, 1899 ..	1 00
86	"	Anton A. Frank .....	Sharpening knives .....	3 80
87	"	Cameron, Amberg & Co. ....	Binding record sheets, etc. ....	2 39
88	"	Fuller & Fuller Co .....	Chemicals, etc. ....	25 37
89	"	E. H. Sargent & Co. ....	Bottles, etc. ....	100 86
90	"	Richards & Co. ....	Chemicals, etc. ....	1,523 68
91	Sept.	15 Fuller & Fuller Co. ....	Chemicals .....	11 96
92	"	Gas Consumers' Association .....	Dues, 3 months, to August 31, 1899 ..	3 00
93	"	E. H. Sargent & Co. ....	Bottles, etc. ....	167 39
94	"	F. Gregory Connell .....	Services, 1898-1899 .....	50 00
95	"	John G. Beutler .....	Painting wood work, etc. ....	396 24
96	"	Burlington Coal Co .....	Block coal .....	10 44
97	"	Searle & Hereth Co .....	Drugs .....	13 45
98	"	<i>The Plexus</i> .....	Advertising .....	42 75
99	"	<i>The Medical Standard</i> .....	" .....	13 00
100	"	S. W. Shattuck, Business Mgr. ....	Gas to August 24, 1899 .....	31 00
101	"	Cameron, Amberg & Co. ....	Painting .....	1 91
102	"	D. A. K. Steele .....	Petty expenses to August 14, 1899 ..	70 60
103	"	Sharp & Smith .....	Catgut, etc. ....	3 05
104	"	A. H. Andrews & Co. ....	Moulding, etc. ....	14 15
105	"	Miss. Valley Med. Association .....	Advertisement .....	100 00
106	"	W. A. Pusey, Sec'y. ....	Services of stenographer, etc. ....	75 40
107	"	Sharp & Smith .....	Catgut, etc. ....	21 80
108	"	Fuller & Fuller Co. ....	Chemicals, cotton, etc. ....	25 63
109	"	Sharp & Dohme .....	Chemicals .....	4 20
110	"	Richards & Co. ....	Wire, bottles, etc. ....	76 25
111	"	S. S. White Dental Mfg. Co. ....	Plaster .....	12 00
112	"	J. P. Kearns & Co. ....	Cotton bags .....	1 84
113	"	Cameron, Amberg & Co. ....	Printing receipt blanks, etc. ....	21 50
114	"	The University Association .....	Advertisement .....	110 10
115	"	Commonwealth Electric Co. ....	Lamps .....	12 00
116	"	West Side Hospital .....	Services for nurse, etc. ....	51 80

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
117	1899			
118	Sept. 15	E. D. Evans.....	General repairs of building.....	\$462 40
119	..	J. A. Wesener.....	Salary, Sept., 1899.....	75 00
120	..	W. T. Eckley.....	.. ..	50 00
121	..	A. Gehrman.....	.. ..	60 00
122	..	E. G. Earle.....	.. ..	25 00
123	..	F. E. Wynekoop.....	.. ..	25 00
124	..	W. E. Coats.....	.. ..	10 00
125	..	A. M. Verry.....	.. ..	10 00
126	..	E. M. Heelan.....	.. ..	70 00
127	..	Grace W. Bryant.....	.. ..	60 00
128	..	W. A. Pusey.....	.. ..	40 00
129	..	P. D. White.....	.. ..	41 66
130	..	George Johnston.....	.. ..	36 00
131	..	John McClain.....	.. ..	40 00
132	..	A. N. DeVault.....	.. ..	25 00
133	..	R. Yarros.....	.. ..	30 00
134	..	C. C. O'Byrne.....	.. ..	25 00
135	..	John Richards.....	.. ..	30 00
136	..	Rachelle Yarros.....	Limestone flagging.....	160 00
137	..	A. N. DeVault.....	Services for 5 mos., to October, 1899	125 00
138	..	C. C. O'Byrne.....	Extra services, 5 mos., to Oct., 1899.	50 00
139	..	N. M. Verry.....	.. ..	50 00
140	..	J. P. Quigley.....	.. ..	29 00
141	..	Preston Filter Co.....	Hanging shades, etc.....	38 55
142	..	W. E. Coats.....	Tubes and tube holders.....	5 00
143	..	J. S. Tomlinson.....	Extra services.....	50 00
144	..	Mrs. Newman.....	.. ..	150 00
145	..	West Side Hospital.....	Services, Sept., 1899.....	10 00
146	..	W. A. Pusey.....	Services of nurse.....	60 90
147	..	Thos. Cusack & Co.....	Services of stenographer, etc.....	75 00
148	..	A. H. Andrews & Co.....	Lettering sign.....	15 20
149	..	Edward Jones.....	Tables, etc.....	45 82
150	..	Coll. Physicians and Surgeons.....	Labor.....	12 00
151	Oct. 10	John G. Buettler.....	Rent of bldg, 6 mos. to Oct. 21, 1899..	6,000 00
152	..	Geo. E. Cole & Co.....	Paints, oils, etc.....	19 40
153	..	Richards & Co.....	Blanks cut, etc.....	6 00
154	..	Commonwealth Electric Co.....	Test tubes.....	126 55
155	..	Gas Consumers' Association.....	Electricity to Sept. 13, 1899.....	1 12
156	..	E. H. Randall & Co.....	Dues to Sept. 30, 1899.....	1 00
157	..	The Book Shop Bindery.....	Printing slips.....	3 50
158	..	F. H. Chase.....	Book binding.....	86 00
159	..	Cameron, Amberg & Co.....	Services during examination.....	6 00
160	..	P. & S. Mandolin Club.....	Printing blanks.....	48 98
161	..	Maison Wasseur Tramond.....	Music furnished.....	15 00
162	..	G. J. Laben & W. A. Domer.....	Importations and apparatus.....	846 03
163	..	Davis Construction Co.....	Cleaning skeletons.....	450 70
164	..	Grace W. Bryant.....	Work on coil.....	92 00
165	..	Eckardt Catering Co.....	Extra salary, 5 mos. to Sept. 30, 1899.	100 00
166	..	A. M. Montandon.....	Banquet.....	60 00
167	..	Bausch & Lomb Optical Co.....	Importation.....	419 52
168	..	G. R. Parr.....	Repairing instruments.....	22 25
169	..	Victor Sporting Goods Co.....	Soap.....	3 50
170	..	F. B. Earle.....	Athletic supplies.....	208 50
171	Oct. 20	D. A. K. Steele.....	Shoes.....	29 50
172	..	W. Whitford.....	Petty expenses.....	50 31
173	..	Western Union Tel. Co.....	Typewriting.....	1 00
174	..	Lyon & Healy.....	Time service 3 mos.....	12 00
175	..	West Side Hospital.....	Drayage on piano.....	5 00
176	..	Chicago Telephone Co.....	Services of nurse.....	62 60
177	..	W. H. Peck.....	Services to Jan. 1, 1900.....	51 65
178	..	Fuller & Fuller Co.....	Roentgen X-ray apparatus.....	200 00
179	..	Physicians' Supply & Drug Co.....	Chemicals.....	58 49
180	..	Searle & Hereth Co.....	Surgical instruments.....	5 75
181	..	J. B. Colt & Co.....	Soda.....	4 50
182	..	Sharp & Smith.....	Objectives.....	25 10
183	..	The Am. Distilling Co.....	Cat gut, etc.....	60 00
184	..	Goodhart's N. M. Laundry.....	Alcohol.....	47 66
185	..	Fantus & Son.....	Laundry work.....	24 43
186	..	People's Gas Light & Coke Co.....	Envelopes, etc.....	9 75
187	..	Burlington Coal Co.....	Gas to Oct. 24, 1899.....	46 28
188	..	Ed. C. Seufert.....	Coal.....	21 84
189	..	Davis Construction Co.....	Services, 1898-1899.....	50 00
190	..	Commonwealth Electric Co.....	Valves, pipe, tees, etc.....	205 95
191	..	James Clancy.....	Wire connection, etc.....	48 75
192	..	Francis Modry.....	Plumbing.....	118 89
193	..	G. L. Harvey.....	Rent of rooms, 2 mos.....	22 00
194	..	Richards & Co.....	Architect's services.....	35 00
			Flasks, beakers, tubes, etc.....	367 67

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
195	Oct. 20	1899		
196	"	<i>The Plexus</i> .....	Advertising.....	\$42 75
197	"	Medical Recorder Pub. Co.....	Advertisement.....	10 13
198	"	Western College Magazine.....	Advertising.....	105 00
199	"	A. H. Andrews & Co.....	Furniture.....	35 00
200	"	Mrs. Newman.....	Services for October, 1899.....	15 00
201	"	Victor Sporting Goods Co.....	Leather elbow pads, etc.....	52 50
202	Oct. 31	S. W. Shattuck, Business Mgr.....	Gas, freight, etc.....	89 10
203	"	W. A. Evans.....	Salary, October, 1899.....	50 00
204	"	W. T. Eckley.....	".....	60 00
205	"	A. Gehrman.....	".....	50 00
206	"	E. G. Earle.....	".....	25 00
207	"	F. E. Wynekoop.....	".....	25 00
208	"	G. F. Butler.....	".....	35 00
209	"	W. E. Coats, Jr.....	".....	35 00
210	"	Rachelle Yarros.....	".....	50 00
211	"	L. H. Mettler.....	".....	33 33
212	"	O. H. Pagelson.....	".....	50 00
213	"	N. M. Verry.....	".....	75 00
214	"	Eliz. M. Heelan.....	".....	60 00
215	"	Grace W. Bryant.....	".....	60 00
216	"	W. A. Pusey.....	".....	75 00
217	"	Geo. Johnston.....	".....	40 00
218	"	John McClain.....	".....	25 00
219	"	Joe Lawrence.....	".....	25 00
220	"	C. C. O'Byrne.....	".....	40 00
221	"	P. D. Whyte.....	".....	36 00
222	"	A. N. DeVault.....	".....	40 00
223	Nov. 20	S. W. Shattuck, Business Mgr.....	Salary 3 mos. to Oct. 21, 1899.....	100 00
224	"	Richards & Co.....	Tubing, forceps, etc.....	8 16
225	"	Commonwealth Elect. Co.....	Electricity to Oct. 18, 1899.....	49 76
226	"	J. W. Reedy Elevator Mfg. Co.....	Labor and repairs.....	14 73
227	"	Bausch & Lomb Optical Co.....	Microtome.....	45 00
228	"	Globe Wernicke Co.....	Cabinet.....	19 00
229	"	T. F. Motell.....	Tablets.....	4 50
230	"	A. P. Little.....	Blotters, inks, etc.....	6 30
231	"	John Lincoln Potter.....	Expenses.....	37 25
232	"	Miller & Hills.....	Disinfectant.....	8 50
233	"	Chi. Clinical Review Pub. Co.....	Advertisement.....	18 75
234	"	Parke Davis & Co.....	Cabinet.....	25 00
235	"	Fuller & Fuller Co.....	Chemicals.....	25 07
236	"	Marshall Field & Co.....	Crash, etc.....	145 07
237	Nov. 30	W. A. Evans.....	Salary, November, 1899.....	50 00
238	"	W. T. Eckley.....	".....	60 00
239	"	A. Gehrman.....	".....	50 00
240	"	E. G. Earle.....	".....	25 00
241	"	F. E. Wynekoop.....	".....	25 00
242	"	G. F. Butler.....	".....	35 00
243	"	W. E. Coats, Jr.....	".....	35 00
244	"	Rachelle Yarros.....	".....	50 00
245	"	L. H. Mettler.....	".....	33 33
246	"	O. H. Pagelson.....	".....	50 00
247	"	N. M. Perry.....	".....	75 00
248	"	Elizabeth M. Heelan.....	".....	60 00
249	"	Grace W. Bryant.....	".....	60 00
250	"	W. A. Pusey.....	".....	75 00
251	"	Geo. Johnston.....	".....	40 00
252	"	John McClain.....	".....	25 00
253	"	James E. Lawrence.....	".....	25 00
254	"	C. C. O'Byrne.....	".....	40 00
255	"	P. D. White.....	".....	36 00
256	"	A. N. DeVault.....	".....	40 00
257	"	Peter MacDonald.....	".....	16 66
258	"	John Hallom.....	".....	14 66
259	"	Goodhart's N. M. Laundry.....	Laundry work.....	18 81
260	"	H. Broad.....	Amount refunded, fees.....	110 00
261	"	Riddiford Bros.....	Brooms, mops, etc.....	14 38
262	"	Sharp & Smith.....	Surgical supplies.....	11 30
263	"	H. Ahrens.....	Groceries, etc.....	3 52
264	"	West Side Hospital.....	Care and board of patients, etc.....	134 00
265	"	W. A. Fisher.....	Anatomical model.....	12 00
266	"	D. Blakely Hoar, Treas.....	Supplies.....	122 25
267	"	Geo. J. Lewis.....	Drawing chart.....	3 75
268	"	The Burlington Coal Co.....	Coal.....	52 20
269	"	The Consumers' Association.....	Dues for Oct., 1899.....	1 00
270	"	People's Gas Light & Coke Co.....	Gas to Nov. 24, 1899.....	2 80
271	"	Frances Modry.....	Rent of room for Nov., 1899.....	11 00
272	"	Charles Schlacke.....	Inspecting boilers.....	8 00
	"	W. A. Pusey.....	Expenses.....	75 00

## Warrants—Continued,

No.	Date.	To whom.	For what.	Amount.
273	Nov. 30	1899		
274	Nov. 30	<i>The Plexus</i> .....	Advertisement.....	\$42 75
275	Nov. 30	Bessie Newman.....	Service for Nov., 1899.....	15 00
276	Nov. 30	Arvid Johnson.....	Services to Nov. 6, 1899.....	12 10
277	Nov. 30	Fuller & Fuller Co.....	Glycerine, etc.....	8 18
278	Nov. 30	E. H. Sargent & Co.....	Bottles.....	9 00
279	Dec. 9	West Side Hospital.....	Nurses and care of patients.....	140 50
280	Dec. 9	Richards & Co.....	Burettes.....	11 70
281	Dec. 9	Gas Consumers' Ass'n.....	Dues for month of November, 1899.....	1 00
282	Dec. 9	Truax, Greene & Co.....	Forceps.....	10 00
283	Dec. 9	Cameron, Amberg & Co.....	Printing blanks.....	10 50
284	Dec. 9	Mills, Mountjoy & Co.....	.....	2 50
285	Dec. 9	Searle & Hereth Co.....	Drugs.....	2 72
286	Dec. 9	Edward B. Ellicott.....	Inspection fee.....	4 10
287	Dec. 9	Commonwealth Electric Co.....	Electricity consumed.....	7 00
288	Dec. 9	American Battery Co.....	Storage cell.....	46 80
289	Dec. 9	Sweet, Wallach & Co.....	Photographic supplies.....	29 45
290	Dec. 9	D. A. K. Steele, Actuary.....	Petty expenses.....	50 15
291	Dec. 9	Fuller & Fuller Co.....	Chemicals.....	110 23
292	Dec. 9	S. W. Shattuck, Business Mgr.....	Gas to November 24, 1899.....	59 60
293	Dec. 9	W. A. Pusey.....	Expenses, etc.....	75 00
294	Dec. 9	The Burlington Coal Co.....	Coal.....	102 41
295	Dec. 9	F. Gregory Connell.....	Services.....	50 00
296	Dec. 9	Arthur Bremken.....	.....	50 00
297	Dec. 9	Bessie Newman.....	Services for December, 1899.....	15 00
298	Dec. 9	Frances Modrey.....	Rent for December, 1899.....	11 00
299	Dec. 9	Commonwealth Electric Co.....	Electricity to Nov. 16, 1899.....	89 08
300	Dec. 9	Ass'n of Med. Librarians.....	Dues for 1899-1900.....	30 00
301	Dec. 9	R. H. Babcock.....	Expenses.....	7 65
302	Dec. 9	Sharp & Smith.....	Catgut.....	7 00
303	Dec. 9	<i>The Medical Standard</i> .....	Advertisement, 3 mos.....	19 50
304	Dec. 9	<i>The Plexus</i> .....	Advertisement, November, 1899.....	42 75
305	Dec. 9	W. A. Evans.....	Salary, December, 1899.....	50 00
306	Dec. 9	W. T. Eckley.....	.....	60 00
307	Dec. 9	A. Gehrmann.....	.....	50 00
308	Dec. 9	E. G. Earle.....	.....	25 00
309	Dec. 9	F. E. Wynekoop.....	.....	25 00
310	Dec. 9	G. F. Butler.....	.....	35 00
311	Dec. 9	W. E. Coats, Jr.....	.....	35 00
312	Dec. 9	Rachelle Yarros.....	.....	50 00
313	Dec. 9	L. H. Mettler.....	.....	33 33
314	Dec. 9	E. W. Whitmore.....	.....	50 00
315	Dec. 9	N. M. Verry.....	.....	75 00
316	Dec. 9	Eliz. M. Heelan.....	.....	60 00
317	Dec. 9	Grace W. Bryant.....	.....	60 00
318	Dec. 9	W. A. Pusey.....	.....	75 00
319	Dec. 9	Geo. Johnston.....	.....	40 00
320	Dec. 9	John McClain.....	.....	25 00
321	Dec. 9	James E. Lawrence.....	.....	25 00
322	Dec. 9	C. C. O'Byrne.....	.....	40 00
323	Dec. 9	P. D. Whyte.....	.....	36 00
324	Dec. 9	A. N. DeVault.....	.....	40 00
325	Dec. 9	Peter McDonald.....	.....	25 00
326	Dec. 9	Samuel Bowen.....	.....	25 00
327	Dec. 9	Philip B. Woodworth.....	Thermo regulator.....	15 00
328	Dec. 9	Sweet, Wallach & Co.....	Photographic supplies.....	36 30
329	Dec. 9	A. H. Andrews & Co.....	Furniture.....	85 85
330	Dec. 9	Commonwealth Electric Co.....	Electric wiring, etc.....	97 20
331	Dec. 9	John G. Butler.....	Glazing and plumbing.....	156 00
332	Dec. 9	E. D. Evans.....	Repairs of binding.....	503 23
333	Dec. 9	A. E. Wood.....	Plastering.....	96 20
334	Dec. 9	D. T. Boyle & Co.....	Plumbing fittings, etc.....	143 12
335	Dec. 9	P. F. Pettibone & Co.....	Punching paper.....	6 50
336	Dec. 9	<i>The Plexus</i> .....	Advertisement, December, 1899.....	49 69
337	Dec. 9	G. A. Flippin.....	Expense of training table.....	85 86
338	Dec. 9	W. G. Dowdall.....	Photograph, etc.....	1 82
339	Dec. 9	Will Major.....	Expenses.....	4 30
340	Dec. 9	P. D. Whyte.....	Services to Nov. 1, 1899.....	11 00
341	Dec. 9	Gus Bullard.....	Repairs, etc.....	20 85
342	Dec. 9	Hebard's Warehouse & Van Co.....	Bus.....	17 50
343	Dec. 9	Victor Sporting Goods Co.....	Shoes, sweaters, etc.....	33 25
344	Dec. 9	Fantus & Son.....	Envelopes, etc.....	5 00
345	Dec. 9	Frank B. Earle.....	Funds advances.....	384 45
346	Dec. 9	J. S. Brown.....	Blanks, etc.....	19 65
347	Dec. 9	Goodhart's Laundry.....	Laundry work.....	27 11
348	Dec. 9	S. W. Shattuck, Business Mgr.....	Gas.....	89 80
349	Dec. 9	A. E. Wood.....	Lathing, materials, etc.....	12 75
350	Dec. 9	Wm. A. Pusey.....	Expenses for stenographer, etc.....	78 20
		The Burlington Coal Co.....	Coal.....	206 18

## Warrants—Concluded.

No.	Date	To whom.	For what.	Amount.
	1900.			
351	Jan. 10	Sharp & Smith.....	Catgut, tubes, etc.....	\$36 25
352	"	Lenham Hardware Co.....	Furniture.....	2 40
353	"	Gas Consumers' Ass'n.....	Dues for December, 1899.....	1 00
354	"	Cameron & Amberg Co.....	Letter heads.....	8 50
355	"	Geo. T. Johnson.....	Toilet paper.....	10 00
356	"	Library Bureau.....	Cards, etc.....	7 00
357	"	R. J. Kittridge & Co.....	Circular.....	15 75
358	"	Office of Publishers' Weekly.....	Subscription.....	3 00
359	March 15	Chicago Telephone Co.....	Services, 3 mos. to April 1, 1900.....	51 25
360	"	Bausch & Lomb Optical Co.....	Microscopes, etc.....	1,026 60
361	"	H. Ahrens.....	Soap, sugar, etc.....	7 35
362	"	Goodhart's N. M. Laundry.....	Laundry work.....	16 31
363	"	Western Union Telegraph Co.....	Services, 3 mos.....	12 00
364	"	Barron Bros.....	Coal.....	15 80
365	"	Journal of Am. Medical Ass'n.....	Advertising.....	22 00
366	"	S. W. Shattuck, Business Mgr.....	Electricity.....	113 88
367	Jan. 20	D. T. Boyle & Co.....	Steam fitting.....	20 50
368	"	F. Modry.....	Rent for January, 1900.....	11 00
369	"	Bessie Newman.....	Services for January, 1900.....	15 00
370	Jan. 31	W. A. Evans.....	Salary, January, 1900.....	50 00
371	"	W. T. Eckley.....	".....	60 00
372	"	A. Gehrmann.....	".....	50 00
373	"	E. G. Earle.....	".....	25 00
374	"	F. E. Wynekoop.....	".....	25 00
375	"	G. F. Butler.....	".....	35 00
376	"	W. E. Coats, Jr.....	".....	35 00
377	"	Rachelle Yarros.....	".....	50 00
378	"	L. H. Mettler.....	".....	33 33
379	"	E. Whitmore.....	".....	50 00
380	"	N. M. Verry.....	".....	75 00
381	"	E. M. Heelan.....	".....	60 00
382	"	Grace W. Bryant.....	".....	60 00
383	"	W. A. Pusey.....	".....	75 00
384	"	Geo. Johnston.....	".....	40 00
385	"	John McClain.....	".....	25 00
386	"	J. E. Lawrence.....	".....	25 00
387	"	C. C. O'Byrne.....	".....	40 00
388	"	P. D. Whyte.....	".....	36 00
389	"	A. N. DeVault.....	".....	40 00
390	"	Samuel Bown.....	".....	25 00
391	"	Magus Peterson.....	".....	25 00
392	"	S. W. Shattuck.....	Salary, 3 mos.....	100 00
393	"	Medical Recorder Pub. Co.....	Advertisement.....	10 13
394	"	E. H. Sargent & Co.....	Test tubes.....	9 25
395	"	McIntosh Battery & Optical Co.....	Crooks tubes.....	31 00
396	"	James E. Lawrence.....	Labor.....	5 00
397	"	West Side Hospital.....	Services and care of patients.....	136 75
398	"	Marshall Field & Co.....	Cloth.....	53 23
399	"	Richards & Co.....	Zinc, mercury, etc.....	43 32
400	"	The Book Shop Bindery.....	Binding medical journals.....	54 15
401	"	James Clancy & Sons.....	Plumbing, etc.....	9 85
402	"	Huehl & Schmid.....	Services as architects.....	50 00
403	"	Commonwealth Electric Co.....	Electric wiring, etc.....	39 40
404	"	E. D. Evans.....	Repairs, etc.....	215 96
405	"	John McGetrick.....	Plumbing, etc.....	620 52
406	"	Cameron, Amberg & Co.....	Paper.....	1 60
407	"	Fantus & Son.....	Letter heads.....	1 75
408	"	Samuel Cupples Envelope Co.....	Envelopes.....	42 40
409	Feb. 10	W. A. Pusey.....	Services of stenographer, etc.....	75 00
410	"	Chicago Clinical Review.....	Advertisement.....	18 75
411	"	Fantus & Son.....	Envelopes, etc.....	21 30
412	"	West Side Hospital.....	Care of patients, etc.....	159 05
413	"	Fuller & Fuller Co.....	Drugs.....	115 97
414	"	Sharpe & Smith.....	Catgut.....	10 35
415	"	Richards & Co.....	Peptone beef.....	6 75
416	"	S. W. Shattuck, Business Mgr.....	Electricity to Jan. 18, 1900; gas to Jan. 24, 1900.....	162 38
417	"	Gas Consumers' Ass'n.....	Dues to Jan. 1900.....	1 00
418	"	Burlington Coal Co.....	Coal.....	219 32
419	"	Edward B. Ellicott.....	Inspection of lamps.....	4 20
420	"	Commonwealth Electric Co.....	Lamps.....	10 60
421	"	Geo. R. Parr.....	Kleansall.....	3 50
422	"	J. J. McAssey.....	Plumbing, etc.....	33 00
423	"	The Plezus.....	Advertisement.....	42 75
424	"	Olin McCormick.....	Services.....	88 00
425	"	H. Schiller.....	Wreath.....	15 00
426	"	Riddiford Bros.....	Mops, brooms, etc.....	14 12
427	"	Goodhart's N. M. Laundry.....	Laundry work.....	31 50

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
428	Feb. 20	Bessie Newman	Services for Feb. 1900	\$15 00
429	"	Frances Mordry	Rent for dispensary, Feb. 1900	11 00
430	"	H. Ahrens	Groceries	10 64
431	"	D. A. K. Steele	Petty expenses to Dec. 23, 1899	50 00
432	"	Searle & Hereth Co.	Drugs, etc	9 30
433	"	Sharp & Dohme	Drugs, etc	23 00
434	"	E. H. Sargent	Test tubes, etc.	4 25
435	"	Sweet, Wallach & Co.	Photographic supplies	72 60
436	"	Richards & Co.	Chemical apparatus	10 40
437	"	Sharp & Smith	Tubes, etc	5 50
438	"	P. F. Pettibone & Co.	Examination sheets	35 00
439	Feb. 28	W. A. Evans	Salary, February, 1900	50 00
440	"	W. T. Eckley	"	60 00
441	"	A. Gehrman	"	50 00
442	"	E. G. Earle	"	25 00
443	"	F. E. Wynekoop	"	25 00
444	"	G. F. Butler	"	35 00
445	"	W. E. Coats, Jr.	"	35 00
446	"	Rachelle Yarros	"	50 00
447	"	L. H. Mettler	"	33 33
448	"	W. Whitmore	"	50 00
449	"	N. M. Verry	"	75 00
450	"	E. M. Heelan	"	60 00
451	"	Grace W. Bryant	"	60 00
452	"	W. A. Pusey	"	75 00
453	"	Geo. Johnston	"	40 00
454	"	John McLain	"	25 00
455	"	J. E. Lawrence	"	25 00
456	"	C. C. O'Byrne	"	40 00
457	"	P. D. White	"	36 00
458	"	A. N. DeVault	"	40 00
459	"	Magus Peterson	"	25 00
460	"	Carl Hamkins	"	25 00
461	March 20	Goodhart's N. M. Laundry	Laundry work	19 54
462	"	Wm. Whitford	Typewriting	5 00
463	"	G. R. Parr	Kleinsall	3 50
464	"	Western Electric Co.	Inspecting motor	1 74
465	"	Columbia Typewriter Mfg Co.	Ribbon and repairs	1 50
466	"	Frances Mowdry	Rent for March, 1900	11 00
467	"	Wm. Kriegsmann	Setting window glass	4 00
468	"	Mrs. Bessie Newman	Salary for March, 1900	15 00
469	"	West Side Hospital	Care of patients	72 30
470	"	Chicago Engineer Supply Co.	Packing	14 85
471	"	Commonwealth Elect. Co.	Incandescent lamps, etc	75 00
472	"	Gas Consumers' Ass'n.	Dues, Feb. 1900	1 00
473	"	S. W. Shattuck, Buginess Mgr.	Gas to Feb. 8; elect. to Feb. 16	206 38
474	"	W. A. Pusey	Expenses for rent, etc	75 00
475	"	Cameron, Amberg & Co.	Printing	12 00
476	"	Edwards & Hancock	Paper	3 00
477	"	J. P. Quigley	Hanging shades, etc	3 00
478	"	The Plexus	Advertisement	42 75
479	"	The Am. Distillery Co.	Alcohol	48 28
480	"	Marshall Field & Co.	Cloth	49 21
481	"	Richards & Co.	Zinc slabs, etc	37 25
482	"	Sharp & Smith	Catgut, etc	23 89
483	"	Fuller & Fuller Co.	Drugs, etc	214 66
484	"	W. A. Evans	Salary, March, 1900	50 00
485	"	W. T. Eckley	"	60 00
486	"	A. Gehrman	"	50 00
487	"	E. G. Earle	"	25 00
488	"	F. E. Wynekoop	"	25 00
489	"	G. F. Butler	"	35 00
490	"	W. E. Coats, Jr.	"	35 00
491	"	Rachelle Yarros	"	50 00
492	"	L. H. Mettler	"	33 33
493	"	E. Whitmore	"	50 00
494	"	N. M. Verry	"	75 00
495	"	E. M. Heelan	"	60 00
496	"	Grace W. Bryant	"	60 00
497	"	W. A. Pusey	"	75 00
498	"	Geo. Johnston	"	40 00
499	"	James E. Lawrence	"	25 00
500	"	C. C. O'Byrne	"	40 00
501	"	P. D. Whyte	"	36 00
502	"	A. N. DeVault	"	40 00
503	"	Magus Peterson	"	25 00
504	"	Carl Hasselkuss	"	25 00
505	"	Peter Berzinsxy	"	25 00

## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
506	1900 March 20	E. D. Evans .....	Carpenter work .....	\$99 73
507	"	Varty & Co. ....	Boiler compound .....	6 00
508	"	J. E. Forrest .....	Plexus purchase .....	100 00
509	"	Steele Weedless Co. ....	Soap, etc .....	31 11
510	"	Burlington Coal Co. ....	Coal .....	256 14
511	April 10	C. O. Beechto .....	Special instruction .....	105 00
512	"	W. W. Kimball .....	" .....	50 00
513	"	W. M. Newman .....	" .....	50 00
514	"	J. M. Meyers .....	" .....	50 00
515	"	E. C. Seufert .....	" .....	50 00
516	"	F. Zapffe .....	" .....	50 00
517	"	Miss J. Welch .....	" .....	50 00
518	"	M. Frank .....	" .....	50 00
519	"	H. A. Vincent .....	" .....	50 00
520	"	Miss M. M. Day .....	" .....	50 00
521	"	Ira Wynekoop .....	" .....	50 00
522	"	A. L. Lindsey .....	" .....	50 00
523	"	G. J. Laben .....	" .....	25 00
524	"	Mr. Besser .....	" .....	25 00
525	"	R. C. Cupler .....	" .....	25 00
526	"	C. A. DeVoe .....	" .....	25 00
527	"	P. D. Whyte .....	" .....	25 00
528	"	S. M. Keys .....	" .....	25 00
529	"	W. D. McDowell .....	" .....	25 00
530	"	L. B. Coates .....	" .....	25 00
531	"	Mrs. C. B. Eckley .....	" .....	50 00
532	"	A. C. Page .....	" .....	50 00
533	"	Felix Kalacinski .....	" .....	50 00
534	"	F. D. Moore .....	" .....	50 00
535	"	Dr. Eberhart .....	" .....	50 00
536	"	M. E. Bloch .....	" .....	50 00
537	"	Arthur Bremkin .....	" .....	50 00
538	"	Chas Roehr .....	" .....	50 00
539	"	F. Zapffe .....	" .....	50 00
540	"	T. P. Knox .....	" .....	25 00
541	"	E. J. Clemons .....	" .....	25 00
542	"	C. O. Wiltfong .....	" .....	25 00
543	"	C. M. Noble .....	" .....	25 00
544	"	H. H. Sherwood .....	" .....	25 00
545	"	W. M. Cornell .....	" .....	25 00
546	"	J. M. Wilson .....	" .....	25 00
547	"	J. J. McGuinn .....	" .....	50 00
548	"	Demonstrators' Ass'n of Ill .....	Assessment No. 3 .....	129 00
549	"	Sharp & Smith .....	Catgut, etc .....	10 60
550	"	Gas Consumers' Ass'n .....	Dues for March, 1900 .....	1 00
551	"	Daniels Co. ....	Printing blanks .....	13 30
552	"	Western Banknote Engr. Co. ....	Diplomas .....	187 50
553	"	Bessie Newman .....	Salary, April, 1900 .....	15 00
554	"	D. A. Steele .....	Laboratory deposit fees .....	914 75
555	"	West Side Hospital .....	Care of patients, etc .....	96 00
556	"	Franklin Engr. & Elect. Co. ....	Half tones .....	24 63
557	"	Journal of Am. Medical Ass'n .....	Advertisement, 3 months .....	16 00
558	"	The Plexus .....	Advertisement, March, 1900 .....	42 75
559	"	Burlington Coal Co. ....	Coal .....	201 90
560	"	S. W. Shattuck .....	Salary, 3 months, to April 21 .....	100 00
561	"	Barron Bros. ....	Coal .....	16 60
562	"	Chicago Telephone Co. ....	Service, 3 mos., to July 1, 1900 .....	51 25
563	"	E. D. Evans .....	Contract for clinic rooms .....	370 00
564	"	F. Modry .....	April rent, 1900 .....	11 00
565	"	College of Physicians & Surgs. ....	Six months' rent, to April 21, 1900 .....	6,000 00
566	"	W. A. Pusey .....	Expenses .....	106 25
567	"	S. W. Shattuck, Business Mgr. ....	Gas and electricity .....	182 00
568	"	H. E. Santee .....	Salary, 1899-1900 .....	40 00
569	April 30	Otto Pagelson .....	" .....	40 00
570	"	F. E. Zapffe .....	" .....	45 00
571	"	A. B. Hale .....	" .....	40 00
572	"	E. S. Antisdale .....	" .....	5 00
573	"	C. W. Barrett .....	" .....	45 00
574	"	S. L. Friduss .....	" .....	45 00
575	"	J. Fleming .....	" .....	20 00
576	"	D. S. Fantus .....	" .....	45 00
577	"	C. S. Wynekoop .....	" .....	45 00
578	"	A. C. Page .....	" .....	35 00
579	"	J. F. E. Ehrmann .....	" .....	25 00
580	"	J. L. Porter .....	" .....	5 00
581	"	T. J. Jackson .....	" .....	20 00
582	"	W. E. Coats .....	" .....	10 00
583	"	C. E. Huniston .....	" .....	10 00



## Warrants—Continued.

No.	Date.	To whom.	For what.	Amount.
584	1900.			
585	April 10	D. H. Eisendrath .....	Salary, 1899-1900.....	\$25 00
586	"	Columbus Safe Deposit Co .....	Rent to April 26, 1900.....	5 00
587	"	Ass'n of Am. Med. Coll. ....	Dues to June 1, 1901.....	5 00
588	"	D. E. Quine .....	Rent of Central Music Hall.....	150 00
589	"	D. A. K. Steele .....	Petty expenses.....	74 91
590	"	W. A. Evans .....	Salary, April, 1900.....	50 00
591	"	W. T. Eckley .....	" .....	80 00
592	"	A. Gehrman .....	" .....	50 00
593	"	E. G. Earle .....	" .....	25 00
594	"	F. E. Wynekoop .....	" .....	25 00
595	"	Geo. F. Butler .....	" .....	35 00
596	"	W. E. Coats, Jr. ....	" .....	35 00
597	"	Rachelle Yarros .....	" .....	50 00
598	"	L. H. Mettler .....	" .....	33 33
599	"	E. Whitmore .....	" .....	50 00
600	"	N. M. Verry .....	" .....	75 00
601	"	E. M. Heelan .....	" .....	60 00
602	"	Grace W. Bryant .....	" .....	60 00
603	"	W. A. Pusey .....	" .....	75 00
604	"	Geo. Johnston .....	" .....	40 00
605	"	James E. Lawrence .....	" .....	25 00
606	"	C. C. O'Byrne .....	" .....	40 00
607	"	P. D. Whyte .....	" .....	36 00
608	"	A. N. DeVault .....	" .....	40 00
609	"	Magus Peterson .....	" .....	25 00
610	"	Carl Hasselkuss .....	" .....	25 00
611	"	Peter Berzinsky .....	" .....	18 10
612	"	Goodhart N. M. Laundry .....	Laundry work.....	23 24
613	"	Lyon's Orchestra .....	Music furnished .....	70 00
614	"	Auditorium Hotel .....	Banquet .....	348 00
615	"	Bertha Willing .....	Typewriting .....	5 00
616	"	John G. Beutler .....	Setting glass .....	2 00
617	"	V. Mueller & Co .....	Gas brackets, etc .....	11 50
618	"	Cameron, Amberg & Co .....	Printing programs, etc .....	18 50
619	"	F. C. Wheat .....	Engrossing diplomas .....	66 50
620	"	Sharp & Smith .....	Catgut, etc .....	3 40
621	"	Sharp & Dohme .....	Drugs .....	7 77
622	"	Fuller & Fuller Co .....	Chemicals .....	59 43
623	"	Medical Recorder Pub. Co. ....	Advertisement .....	10 13
624	"	Columbus Laboratories .....	Entertainment of Alumni Ass'n.....	217 45
625	"	Burlington Coal Co .....	Coal .....	82 74
626	"	Wm. A. Flamm & Co .....	Map of Chicago .....	15 00
627	"	American Battery Co .....	Recharging cells .....	2 25
628	"	Gas Consumers' Ass'n .....	Dues for April, 1900.....	1 00
629	"	Library Bureau .....	Subject heading, etc .....	4 25
630	"	Sharp & Dohme .....	Drugs, etc .....	3 96
631	"	West Side Hospital .....	Board and care of patients .....	112 20
632	"	E. D. Evans .....	General repairs of building .....	97 70
633	"	Geo. R. Parr .....	Kleansall .....	3 50
634	"	John McGetrick .....	Marble, etc .....	17 49
635	"	Albion College Pleiad .....	Advertisement .....	5 00
636	"	The Central News .....	" .....	7 00
637	"	The Clinical Review .....	" .....	18 75
638	"	Centre College Cento .....	" .....	4 00
639	"	Frank G. Frost .....	in <i>Ilto</i> .....	35 00
640	"	DePauw Palladium .....	3 mos. to June 31, 1900.....	6 00
641	"	Earlhamite .....	" .....	2 75
642	"	Hiram College Advance .....	" .....	2 75
643	"	Marietta College Otto .....	" .....	1 65
644	"	M. S. U. Independent .....	" .....	5 00
645	"	Publishers of the Round Table .....	3 mos. to July, 1900.....	6 00
646	"	The Knox Student .....	Advertisement, 3 mos. spring term, 1900.....	6 00
647	"	The Purdue Exponent .....	" .....	7 00
648	"	The Student .....	" .....	4 50
649	"	The Volante .....	" .....	3 00
650	"	The Voice of W. D. H. S .....	" .....	6 00
651	"	The Vidette Reporter .....	" .....	12 00
652	"	The Wooster Voice .....	" .....	7 00
653	"	The Wabash .....	" .....	3 00
654	"	The Winkle .....	" .....	10 00
655	"	College of Physicians & Surgs. S. W. Shattuck .....	Rent .....	333 33
656	"	S. W. Shattuck, Business Mgr. ....	Salary .....	11 12
657	"	College of Physicians & Surgeons of City of Chicago .....	Gas, electricity and sundries .....	158 50
			Final settlement .....	28,380 97

## COLLEGE OF MEDICINE WARRANTS.

No.	Date.	To whom.	For what.	Amount.
1	1900.			
1	May 31	W. A. Evans.....	Salary, May, 1900.....	\$50 00
2	"	W. T. Eckley.....	" ".....	60 00
3	"	A. Gehrmann.....	" ".....	50 00
4	"	E. G. Earle.....	" ".....	25 00
5	"	F. E. Wynekoop.....	" ".....	25 00
6	"	W. E. Coates.....	" ".....	35 00
7	"	Rachelle Yarros.....	" ".....	50 00
8	"	L. H. Mettler.....	" ".....	33 33
9	"	W. A. Pusey.....	" ".....	75 00
10	"	N. M. Verry.....	" ".....	75 00
11	"	E. M. Heelan.....	" ".....	60 00
12	"	Grace W. Bryant.....	" ".....	60 00
13	"	Geo. Johnson.....	" ".....	40 00
14	"	James Lawrence.....	" ".....	25 00
15	"	C. C. O'Byrne.....	" ".....	30 00
16	"	P. D. Whyte.....	" ".....	36 00
17	"	R. Coupler.....	" ".....	40 00
18	"	C. Hasselkuss.....	" ".....	25 00
19	"	Magnus Peterson.....	" ".....	8 37
20	"	Bessie Newman.....	" ".....	15 00
21	"	Western Union Tel. Co.....	Time service.....	8 00
22	"	T. Rupp & Co.....	Copper lining.....	46 00
23	"	F. Modry.....	Rent for May, 1900.....	11 00
24	"	<i>The Illini</i> .....	Advertisement.....	8 25
25	"	<i>The Wisconsin Agis</i> .....	" ".....	4 00
26	"	<i>Notre Dame Scholastic</i> .....	" ".....	10 00
27	"	<i>Coe College Cosmos</i> .....	" ".....	3 00
28	"	<i>Cornellian</i> .....	" ".....	8 00
29	"	<i>Oberlin Review</i> .....	" ".....	14 00
30	"	<i>Medill Light</i> .....	" ".....	6 00
31	"	<i>The College Index</i> .....	" ".....	2 75
32	"	<i>The Adelbert</i> .....	" ".....	4 00
33	"	<i>The Student</i> , G. D. Nicoll.....	" ".....	2 50
34	"	<i>The Student</i> , C. G. Malott.....	" ".....	4 00
35	"	<i>The Kansas Univ. Weekly</i> .....	" ".....	8 00
36	"	Otto Chellberg.....	Repairing.....	2 50
37	"	College Current Co.....	Advertising.....	10 00
38	"	<i>The Northwestern</i> .....	Advertisement.....	11 00
39	"	Cameron Amberg & Co.....	Printing.....	15 37
40	"	P. F. Pettibone & Co.....	Envelopes, etc.....	81 75
41	"	Rogensburg & Seckbach.....	Printing blanks.....	7 75
42	"	Sharp & Smith.....	Catgut.....	30 05
43	"	Marshall Field & Co.....	Cloth.....	96 28
44	"	Richards & Co.....	Museum jars, etc.....	9 32
45	"	<i>S. U. I. Quill</i> .....	Advertisement.....	7 50
46	June 20	<i>The Student Record</i> .....	" ".....	5 00
47	"	<i>The Pleasus</i> .....	" ".....	85 50
48	"	<i>The Ranger</i> .....	" ".....	9 00
49	"	Gas Consumers Association.....	Dues, May 31, 1900.....	1 00
50	"	Burlington Coal Co.....	Coal.....	47 77
51	"	Cameron Amberg & Co.....	Letter book.....	1 80
52	"	Goodhart's M. Laundry.....	Laundry work.....	24 10
53	"	United Typewriter & Sup's. Co.....	Platen.....	2 00
54	"	W. A. Pusey.....	Expenses stenographer.....	85 00
55	"	<i>Normal Advance</i> .....	Advertisement.....	5 00
56	"	Randolph Box & Label Co.....	Labels.....	3 75
57	"	Sharp & Smith.....	Catgut.....	8 91
58	"	Sweet, Wallach & Co.....	Photographic material.....	16 96
59	"	Fuller & Fuller Co.....	Chemicals, etc.....	122 54
60	"	W. A. Evans.....	Salary, June, 1900.....	50 00
61	"	W. T. Eckley.....	" ".....	60 00
62	"	A. Gehrmann.....	" ".....	50 00
63	"	E. G. Earle.....	" ".....	25 00
64	"	F. E. Wynekoop.....	" ".....	25 00
65	"	W. E. Coates.....	" ".....	35 00
66	"	Rachelle Yarros.....	" ".....	50 00
67	"	L. H. Mettler.....	" ".....	33 33
68	"	W. A. Pusey.....	" ".....	75 00
69	"	N. M. Verry.....	" ".....	75 00
70	"	Elizabeth M. Heelan.....	" ".....	60 00
71	"	Grace Bryant.....	" ".....	60 00
72	"	Geo. Johnson.....	" ".....	40 00
73	"	Jas. Lawrence.....	" ".....	25 00
74	"	C. C. O'Byrne.....	" ".....	30 00
75	"	P. D. White.....	" ".....	36 00
76	"	R. Coupler.....	" ".....	40 00
77	"	C. Hasselkuss.....	" ".....	25 00
78	"	Rachelle Yarros.....	Supplies.....	1 93

*Warrants—Concluded.*

No.	Date.	To whom.	For what.	Amount.
79	1900			
80	June 20	West Side Hospital.....	Nurse, May and June.....	\$109 15
81	"	A. B. Dick & Co.....	Stencil paper.....	2 00
82	"	S. S. White Dental Mfg. Co....	Plaster I.....	10 45
83	"	Sharp & Smith.....	Catgut.....	31 97
84	"	Graves & Co.....	Plates.....	2 53
85	"	S. W. Shattuck, business mgr..	Sundry accounts.....	91 00
86	"	Burlington Coal Co.....	Coal.....	24 61
87	"	Goodhart's N. M. Laundry .....	Laundry work .....	18 41
		Marshall Field & Co.....	Crash.....	4 20

## ACRICULTURAL EXPERIMENT STATION.

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

GENTLEMEN:—The energies of the Agricultural Experiment Station for the past two years have been directed chiefly along the following lines:

The comparative efficiency of individual cows as to their ability to produce milk and fat from a given amount of food; the value of silage in beef production; the effect of an addition of small amounts of gluten meal to the corn ration in feeding for beef; the sources of contamination of milk; influence of selection upon the chemical composition of corn; effect of in-breeding upon corn; effect of de-tasseling and of deep and shallow cultivation; investigation into the types and breeds of corn raised in Illinois; suitability of Illinois for sugar production; various methods of treating seed oats for the prevention of smut; the fungous enemies of fruits and flowers; spraying fruit trees for canker worm and for apple scab; effect of spraying during bloom of fruit trees upon the lives of honey bees; characteristics of a great number of varieties of apples and grapes; the winter killing of fruit trees, and the publication of the following bulletins and circulars:

*Bulletin No. 53*, 18,000, July, 1898, 52 pp. The Chemistry of the Corn Kernel.

*Bulletin No. 54*, 18,000, March, 1899, 24 pp. Spraying Apple Trees with Special reference to Apple Scab Fungus.

*Bulletin No. 55*, 18,000, June, 1899. Improvement in the Chemical Composition of the Corn Kernel.

*Bulletin No. 56*, 18,000, July, 1899. Recent Work on the San José Scale in Illinois.

*Bulletin No. 57*, 18,000, March, 1900. The Smuts of Illinois Agricultural Plants.

*Bulletin No. 58*, 18,000, April, 1900. Composition and Digestibility of Corn Fodder and Corn Stover.

*Bulletin No. 59*, 18,500, April, 1900. Orchard Management.

*Annual Reports, 1897-8 and 1898-9*, 1,000 copies of 1897-8, and 500 copies of 1898-9.

*Circular No. 11, July 1898*, 1,000. Special Precautions for Producing Pure Milk in Hot Weather.

*Circular No. 12, October, 1898*, 1,000. Special Instructions for Taking Samples of Sugar Beets for Analysis.

*Circular No. 13, December, 1898*. A Study of the Milk Supply of Chicago.

*Circular No. 14, February, 1899*, 1,000. Sugar Beet Experiments in Illinois.

*Circular No. 15, March, 1899*, 1,000. Green Feed for Summer Drought.

*Circular No. 16, April, 1899*, 1,000. Sugar Beet Seed, Seed Corn tested, etc.

*Circular No. 17, October, 1899*. Special Instructions for Taking Samples of Sugar Beets for Analysis.

*Circular No. 18, January, 1900, 1,000.* Some Facts regarding Broom Corn.

*Circular No. 19, February, 1900, 1,000.* The Sugar Beet Industry in Illinois.

*Circular No. 20, March, 1900, 1,000.* Treatment of Oats for Smut.

*Circular No. 21, March, 1900, 1,000.* Variety Tests of Oats, 1899.

*Circular No. 22, April, 1900, 1,000.* Tests of Varieties of Corn.

*Circular No. 23, April, 1900, 1,000.* Instructions for Growing Sugar Beets.

*Circular No. 24, April, 1900, 1,000.* Seed Corn.

*Circular No. 25, June, 1900.* Inquiry Concerning Smut of Oats.

The last General Assembly made appropriations to the Experiment Station for the publication of bulletins of the State Entomologist, under which act was published Bulletin No 56, "Recent Work on the San José Scale in Illinois."

E. DAVENPORT,  
*Director of Agricultural Experiment Station.*

## THE SCHOOL OF PHARMACY.

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### *To the Trustees of the University of Illinois.*

The School of Pharmacy has enjoyed a fair degree of prosperity during the two years which has elapsed since the last report was presented.

The attendance for the session of 1898-9 was 157—a gain over the year preceding of 17 students. In 1899 1900 the junior class showed another small increase which, however, was more than offset by a decrease in the senior class, apparently from purely accidental causes, so that the total attendance was but 149. Of the fifty-seven schools of pharmacy in this country, our school ranked fifth in the size of its attendance last year.

Beginning with the session of 1898 9, the course was lengthened by the addition of two weeks to each school year, so that the entire course now occupies fourteen months, instead of thirteen as heretofore. At the same time, instruction in physiology was added to the curriculum. As a preparation for the study of materia medica, this has proved of great value.

An active alumni association is a potent factor in promoting the prosperity of a teaching institution, and in this respect our School is most fortunate. During the session of 1898-9, the alumni association arranged for a number of special lectures on business topics which were delivered at the school outside of the regular hours and were highly appreciated by the students. In February, 1900, the association inaugurated a series of meetings for the discussion of the decennial revision of the United States pharmacopeia. Four meetings were held and the discussions were participated in by professors from several medical colleges as well as those from the School of Pharmacy, and also by prominent physicians and pharmacists of Chicago. The meetings attracted much attention and were reported at considerable length in the pharmaceutical press.

Arrangements are now making by the association which will provide for a more extended course of lectures on business topics, to be delivered at the School during the coming session.

Since the date of the last report, the list of states which recognize the diploma of the School, in lieu of examination for registration, has been augmented by the addition of Iowa, Oregon, and Missouri, while during the same interval, at least one state, Utah, has discontinued diploma recognition.

Judging from the opinions expressed in the pharmaceutical journals and by the action of various state pharmaceutical associations, there is a growing sentiment among pharmacists, looking toward the enforcement of college graduation as a prerequisite to examination for registration. Apparently the time is not far distant when it will be compulsory upon every person entering pharmacy to acquire a thorough pharmaceutical education, and then will the pharmacist occupy in the estimation of medical men and of the public, the position to which his training and the responsibility that he is compelled to assume entitle him.

The outlook for the School of Pharmacy is most encouraging. There is every prospect of a larger attendance of better educated matriculates. A more modern building, a more complete equipment, and a less objectionable location are the urgent needs of the School. When these are provided, the future of the School will be assured.

Respectfully submitted,

W. B. DAY,  
*Secretary of the Faculty.*

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