

## Meeting of March 14, 1905.

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The Board of Trustees of the University of Illinois met at the University at 9:00 o'clock a. m., Tuesday, March 14, 1905.

The members present were Messrs. Barber (president of the State Board of Agriculture), Bayliss, Bullard, Hatch, McKinley, McLean, and Nightingale, and Mrs. Abbott, Mrs. Alexander, and Mrs. Evans; absent, Governor Deneen and Mr. Kerrick.

The Secretary presented the minutes of the Board meeting of December 13, 1904, and for the adjourned session of the same held January 17, 1905, and February 20, 1905.

The minutes were approved as presented.

The members of the Board elected in November last—Mr. W. L. Abbott, Dr. Charles Davison, and Mrs. Mary E. Busey—were then introduced and, having already taken the oath of office, took their seats as members of the Board.

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

WHEREAS, Our fellow members, Mrs. Abbott and Messrs. Nightingale and Hatch are about to retire from the Board, we deem it but simple justice that we should adopt the following:

*Resolved*, That the thanks of this Board be, and are hereby, tendered to the said members for their faithful and disinterested services, and that we certainly hope that they will have a long and pleasant life. They will be remembered by us in time to come.

The outgoing members, Messrs. Hatch and Nightingale and Mrs. Abbott, having withdrawn, the Board was called to order by the Secretary, Mr. W. L. Pillsbury, and thereupon proceeded to the election of officers.

Mr. Bullard was elected president; Mr. W. L. Pillsbury was re-elected corresponding and recording secretary and registrar; Mr. E. G. Keith was re-elected treasurer.

The Executive Committee, of which the President of the Board is chairman, was filled by the election of Mr. McKinley and Mrs. Alexander to be the other two members.

The matter of securing a bond from the treasurer and the examination and auditing of his accounts for the past term was referred to the Executive Committee. Later during the session it was ordered that the bond of the Treasurer should be \$600,000.00 in amount.

Dr. Edmund J. James was re-elected President of the University.

President James presented the following matters for consideration:

1. John Main Trueman has been recommended by the Dean of the College of Agriculture for appointment as instructor in Dairy Husbandry in the College and First Assistant in the same subject in the Station, at a salary of \$1,800, \$600 of which are to be charged to the College and \$1,200 to the Station. It is desired that his work begin on May 2, 1905.

It was voted that Mr. Trueman be appointed instructor in dairy husbandry in the College and first assistant in the same subject in the Station, at a salary of \$1,800.00 per year, \$600 of which are to be charged to the College and \$1,200.00 to the Station, the appointment to be from May 1, 1905, to August 31, 1905.

2. The Faculty of the School of Pharmacy have presented the following recommendations:

"1. That the course leading to the degree of Graduate in Pharmacy be lengthened so as to include eight months in each school year, instead of seven, as at present; that the entrance requirements be raised to one year of high school work, or its equivalent, and the minimum age of entrance be increased to seventeen years; that the recitation classes be an obligatory part instead of optional as at present and that the present age and experience requirements for the degree of graduate in pharmacy be retained.

2. That a course be installed which shall lead to the degree of pharmaceutical chemist, with the same requirements as the preceding course, the instruction to occupy two years of eight months, and six days a week instead of three days, this course to be concurrent with the graduate in pharmacy course and the work of the two courses to be partly in common, no requirements to be made for graduation excepting the successful completion of the course.

3. That the matriculation fee, diploma fee, the laboratory deposit for both of these courses remain as at present; that the present alumni quiz fee (\$5.00) be added to the tuition fee for the graduate in pharmacy course, making the yearly tuition fee \$50.00, and that the yearly tuition fee for the course in pharmaceutical chemistry be \$100.00.

Voted that this subject be referred to the standing committee on the School of Pharmacy with power to act, provided that these recommendations be not followed unless the appropriation asked for in the University bill for the School of Pharmacy be obtained.

3. The Council of Administration recommended that the exercises connected with the formal installation of the President of the University be set within the month between the middle of October and the middle of November, taking the week which circumstances seem to make most desirable.

Voted that the recommendation of the Council of Administration in regard to the formal installation of the President of the University, be approved.

4. Mr. Fred Atkinson presents his resignation as superintendent of grounds, to take effect at such time as the Board may think best.

Voted that consideration of the acceptance of this resignation be postponed until the June meeting.

5. The head of the military department announces the loss of 10,000 cartridge primers from the armory, and calls attention to the fact that it is impossible, under present conditions, to safeguard the military property of the University.

Voted that this subject be referred to the Committee on Buildings and Grounds for report.

6. A great service may be done the University in the publication of a suitable "Alumni Record." It is believed that this enterprise would pay for itself largely, but to carry it through successfully it would be necessary for the University to advance the money necessary to collect the information for the said volume.

Voted that the publication of such an "Alumni Record" be authorized and the sum of \$1,500 be appropriated toward the expense of such publication.

7. Mr. Shattuck desires to resign his position as business manager.

Voted to refer the consideration of this resignation to the Executive Committee and the Committee on Instruction for report at the June meeting.

8. A letter from Professor L. P. Breckenridge saying that he had been asked to go on as director of boiler trials for the United States Geological Survey, work undertaken in the summer of 1904 with the approval of the Board of Trustees.

Voted that the President be authorized to extend permission to Professor Breckenridge to continue to act in the capacity of director of boiler trials for the Committee of the United States Geological Survey having this in charge, providing this work do not interfere with his regular work in the University.

9. Mrs. Eunice Dean Daniels presents her resignation as instructor in piano and the director of the music school requests authority to look for a successor.

Voted that the President may appoint an instructor in piano in place of Mrs. Daniels at a salary not to exceed \$1,200.00.

10. A petition has been presented, numerously signed by students, that the ground on the south of Springfield avenue, between Wright street and Burrill avenue, be assigned as tennis courts and that the tennis courts now on the campus immediately south of the interurban railway and the new courts south of the gymnasium and armory be put in charge of the University Tennis Association, a branch of the University Athletic Association.

Voted that both recommendations be approved and the Committee on Buildings and Grounds be authorized to construct the tennis courts.

11. The following persons have been recommended for fellows by the council:

John Christopher Gustafson . . . . .	Architecture
Joseph Howard Matthews . . . . .	Chemistry
Oliver Morton Dickerson . . . . .	History
Harry Wilfred Reddick . . . . .	Mathematics
William D. Bannister . . . . .	Physics
John Philo Gilbert . . . . .	Zoology

Voted that the President be authorized to appoint the above named persons as fellows for the ensuing year and also two others to be named by the Council of Administration later.

#### ACCOUNTANCY.

The secretary received the following letter from Attorney General Stead in answer to certain inquiries made of him by order of the Board. The letter was received for record.

## STATE OF ILLINOIS, OFFICE OF ATTORNEY GENERAL,

SPRINGFIELD, ILL., Feb. 24, 1905.

W. L. Pillsbury, Esq., Secretary, Board of Trustees, University of Illinois,  
Urbana, Ill.

DEAR SIR—I have your favor of the 20th instant, in relation to the action of the Board of Trustees of the University of Illinois, respecting the application of J. A. B. Hossack, who has applied to become a certified public accountant, under the Act of 1903, authorizing examinations and the issuing of certificates of that character.

In my opinion, whether one is entitled to have a certificate granted to him under the provisions of the statute authorizing a waiver upon proof of five years' experience as public accountant prior to the passage of the Act, is a question for the determination of the board and where they honestly determine that question, upon the best evidence submitted to them, or upon such evidence as they are able to secure under reasonable rules adopted by them, their determination is final and conclusive.

I am also of the opinion that where an application is denied, the one who has failed to pass the examination is not entitled to the return of his examination fee. The questions prepared by the board of examiners do not become the property of applicants but may be retained by the board and disposed of in such manner as they see fit.

Very truly yours,

W. H. STEAD,  
Attorney General.

P. S.—Your enclosures are herewith returned.

The Board then took a recess until 2:30 p. m.

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Afternoon Session, March 14, 1905.

When the Board met after the recess the same members were present as in the morning with the exception of Messrs. Barber and McKinley.

## TREASURER'S REPORT.

The treasurer's report for the quarter ending Dec. 31, 1904, was presented by the secretary and referred to the Finance Committee.

Respectfully submitted,  
ELBRIDGE G. KEITH, *Treasurer.*

## BUSINESS MANAGER'S REPORT.

The following report from the business manager was received and referred to the Finance Committee.

URBANA, ILL., March 14, 1905.

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

DEAR SIR—I have the honor to hand you herewith the following financial statement and papers:

*Paper A* is a statement of the current appropriations, Dec. 31, 1904.

*Paper B* is a statement of the State appropriations, Dec. 31, 1904.

*Paper C* is a statement of the United States fund, Dec. 31, 1904.

*Paper E* is a statement of the United States Agricultural Experiment Station appropriations, Dec. 31, 1904.

*Paper F* is a statement of the School of Pharmacy appropriations, Dec. 31, 1904.

*Paper G* is a statement of the College of Medicine appropriations, Dec. 31, 1904.

## PAPER A—CURRENT APPROPRIATIONS.

	Appropriated.	Expended.	Balance.
December 31, 1904.			
Salaries for instruction .....	\$12,000 00	\$11,890 48	\$109 52
Salaries for services .....	3,000 00	2,562 31	437 69
Buildings and grounds .....	1,500 00	1,481 24	18 76
Heat and light .....	3,000 00	2,987 84	12 16
Stationery and printing .....	400 00	323 22	76 78
Academy .....	3,728 04	3,728 04	
Agricultural College .....	6,426 22	6,426 22	
Departments .....	5,000 00	4,094 82	905 18
Laboratories .....	6,500 00	6,408 62	91 38
Library and apparatus .....	500 00	82 54	417 46
Incidental expenses .....	1,000 00	838 66	161 34
<i>Sundries—</i>			
Edward Snyder fund, principal ..	5,972 98	5,972 98	
Settlement with Chicago College of Dental Surgery .....	2,258 27	2,258 27	
Library School .....	2 12	2 12	
Astronomy .....	150 00	20 00	130 00
Illinois libraries .....	150 00	100 71	49 29
World's Fair material .....	491 18	491 18	
Edward Snyder fund, interest ..	300 00	300 00	
School of Music .....	200 00	72 66	127 34
Accountancy .....	338 11	338 11	
Minnesota lands .....	76 75	76 75	
Photography .....	300 00	2 50	297 50
C. U. & D. Street Railway fellowship .....	300 00	90 00	210 00
Kimball & Norton fellowship .....	300 00	120 00	180 00
Legal services .....	175 00	175 00	
Furniture and fixtures .....	200 00	182 40	17 60
Summer School .....	108 38	108 38	
Soil examination receipts .....	48 40	48 40	
Feeding experiment receipts .....	2,445 17	2,445 17	
Treatment of orchards receipts ..	1,548 07	1,548 07	
Agricultural equipment receipts ..	447 04	447 04	
	\$58,865 73	\$55,623 73	\$3,242 00

## PAPER B—STATE APPROPRIATIONS.

	Received.	Expended.	Balance.	Assigned.
1899-1901.				
<i>Taxes on Minnesota lands</i> .....	\$4,000 00	\$4,000 00	.....	.....
1901-1903.				
<i>Taxes on Minnesota lands</i> .....	\$2,000 00	.....	\$2,000 00	\$2,000 00
<i>Cabinets</i> .....	\$2,000 00	\$1,638 11	\$361 89	\$361 89
<i>Engineering Equipment—</i>				
Closed out .....	\$17,621 88	\$17,621 88	.....	.....
General .....	2,378 12	252 79	\$2,125 33	\$2,125 33
	\$20,000 00	\$17,874 67	\$2,125 33	\$2,125 33
<i>Apparatus and Materials—</i>				
Closed out .....	\$3,200 00	\$3,200 00	.....	.....
Psychology .....	200 00	200 00	.....	.....
Physics .....	100 00	100 00	.....	.....
Chemistry .....	500 00	500 00	.....	.....
	\$4,000 00	\$4,000 00	.....	.....
1903-1905.				
<i>Engineering Equipment—</i>				
Purchase of land .....	\$13,000 00	\$12,500 00	\$ 500 00	\$ 500 00
College .....	750 00	189 88	550 12	550 12
Architecture .....	3,000 00	2,088 46	911 54	911 54
Laboratory of applied mechanics .....	3,750 00	2,828 57	921 43	921 43
Physics .....	3,750 00	4,398 84	.....	.....
Civil engineering .....	4,500 00	2,229 66	2,270 34	2,270 34
Electrical engineering .....	5,250 00	5,268 73	.....	.....
Mechanical engineering .....	9,000 00	8,576 09	423 91	423 91
Metal shop .....	10,000 00	8,978 80	1,021 20	1,021 20
Steam laboratory .....	20,000 00	7,615 64	12,384 36	12,384 36
	\$73,000 00	\$54,684 67	\$18,982 90	\$18,982 90
<i>Apparatus and Materials—</i>				
Botany .....	\$1,700 00	\$2,386 50	.....	.....
Geology .....	700 00	527 30	\$172 70	\$172 70
Applied chemistry .....	450 00	37 00	413 00	413 00
Physiology .....	1,000 00	777 06	222 94	222 94
Zoölogy .....	1,150 00	900 60	249 40	249 40
	\$5,000 00	\$4,628 46	\$1,058 04	\$1,058 04
<i>Shop practice</i> .....	\$5,000 00	\$4,118 72	\$881 28	\$881 28
<i>Cabinets</i> .....	\$2,000 00	.....	\$2,000 00	\$2,000 00
<i>Library</i> .....	\$30,000 00	\$18,195 87	\$11,804 13	\$11,804 13
<i>Fire protection</i> .....	\$3,000 00	\$3,000 00	.....	.....
<i>Pavements and walks</i> .....	\$10,000 00	\$6,905 42	\$3,094 58	\$3,094 58
<i>Vaccine laboratory</i> .....	\$3,000 00	\$2,166 37	\$833 63	\$833 63
<i>Painting and repairs</i> .....	\$10,000 00	\$10,000 00	.....	.....
<i>Water survey</i> .....	\$6,000 00	\$3,747 80	\$2,252 20	\$2,252 20
<i>Drains, fences and repairs</i> .....	\$7,500 00	\$5,985 39	\$1,514 61	\$1,514 61
<i>School of Commerce</i> .....	\$10,800 00	\$7,389 78	\$3,410 22	\$3,410 22
<i>School of Music</i> .....	\$4,500 00	\$4,024 57	\$475 43	\$475 43
<i>Teachers and institutes</i> .....	\$9,000 00	\$7,740 74	\$1,259 26	\$1,259 26
<i>New well</i> .....	\$2,000 00	\$1,628 95	\$371 05	\$371 05

*Paper B—Concluded.*

	Received.	Expended.	Balance.	Assigned.
1903-1905.				
<i>Telephone</i> .....	\$3,000 00	\$2,917 63	\$82 37	\$82 37
<i>Law building equipment</i> .....	\$2,500 00	\$1,870 05	\$629 95	\$629 95
<i>Armory floor</i> .....	\$2,500 00	\$2,337 10	\$162 90	\$162 90
<i>Agricultural College equipment</i> .....	\$75,000 00	\$66,395 29	\$8,604 71	\$8,604 71
<i>Woman's building</i> .....	\$80,000 00	\$30,042 85	\$49,957 15	\$49,957 15
<i>Interest on endowment fund—</i>				
General .....	\$23,384 69	\$23,384 69		
Agricultural College .....	23,384 70	17,579 74	\$5,804 96	\$5,804 96
	\$46,769 39	\$40,964 43	\$5,804 96	\$5,804 96
<i>Engineering Experiment Station—</i>				
General .....	\$ 1,000 00	\$ 37 00	\$ 963 00	\$ 963 00
Architecture .....	2,000 00		2,000 00	2,000 00
Civil engineering .....	3,000 00	1,153 49	1,846 51	1,846 51
Electrical engineering .....	5,000 00		5,000 00	5,000 00
Laboratory applied mechanics .....	9,000 00	2,657 38	6,342 62	6,342 62
Mechanical engineering .....	15,000 00		15,000 00	15,000 00
Physics .....	3,000 00		3,000 00	3,000 00
General engineering drawing .....	1,500 00	1,235 21	264 79	264 79
	\$39,500 00	\$5,083 08	\$34,416 92	\$34,416 92
<i>Salaries, Etc.—</i>				
Closed out .....	\$ 38,960 75	\$ 38,960 75		
Instructions .....	175,316 99	175,316 99		
Services .....	46,000 00	44,974 88	\$ 1,025 12	\$ 1,025 12
Board expenses .....	4,200 00	4,105 42	94 58	94 58
Stationery and printing .....	3,500 00	3,201 68	298 32	298 32
University studies .....	448 88	448 88		
Advertising, postage, etc. ....	7,600 00	6,987 68	612 32	612 32
Buildings and grounds .....	14,500 00	10,235 26	4,264 74	4,264 74
Heat and light .....	38,900 00	34,302 84	4,597 16	4,597 16
Summer school .....	12,505 00	12,505 00		
Accredited schools .....	1,000 00	792 07	207 93	207 93
Library supplies .....	863 95	863 95		
Library school .....	200 00	172 16	27 84	27 84
Furniture and fixtures .....	3,800 00	3,558 45	241 55	241 55
Literature and arts .....	200 00	197 15	2 85	2 85
Botany .....	400 00	382 56	17 44	17 44
Physical training .....	400 00	362 86	37 14	37 14
Art and design .....	400 00	295 42	104 58	104 58
Oratorical contest .....	400 00	231 65	168 35	168 35
Lectures .....	1,000 00	376 70	623 30	623 30
Zoölogy .....	200 00	165 92	34 08	34 08
Physiology .....	500 00	325 00	175 00	175 00
Chemistry .....	1,000 00	960 50	39 50	39 50
Geology .....	100 00	1 98	98 02	98 02
Education .....	200 00	97 41	102 59	102 59
Astronomy .....	100 00	23 29	76 71	76 71
Alumni report .....	104 87	104 87		
Photography .....	100 00	62 87	37 13	37 13
Unassigned .....	22,099 56		22,099 56	22,099 56
	\$275,000 00	\$340,014 19	\$34,985 81	\$34,985 81
<i>Agricultural Experiment Station—</i>				
Feeding experiments .....	\$37,500 00	\$36,690 95	\$ 809 05	\$ 809 05
Soil examination .....	37,500 00	36,871 29	628 71	628 71
Corn experiments .....	15,000 00	13,774 16	1,225 84	1,225 84
Treatment of orchards .....	15,000 00	16,473 93		
Dairy investigation .....	22,500 00	18,277 54	4,222 46	4,222 46

## PAPER C—UNITED STATES FUND.

	Received.	Expended.	Balance.	Assigned.
December 31, 1904.				
General .....	\$12,500 00	\$10,722 84	\$1,777 16	\$1,777 16
Agricultural College .....	12,500 00	9,524 59	2,975 41	2,975 41
	\$25,000 00	\$20,247 43	\$4,752 57	\$4,752 57

## PAPER E—UNITED STATES AGRICULTURAL EXPERIMENT STATION.

	Appropriated.	Expended.	Balance.
December 31, 1904.			
Salaries .....	\$3,253 20	\$3,253 20	
Labor .....	1,277 92	1,277 92	
Publications .....	267 90	267 90	
Postage and stationery .....	353 27	353 27	
Freight and express .....	145 80	145 80	
Seeds, plants and sundries .....	188 98	188 98	
Library .....	10 00	10 00	
Tools, implements and machinery .....	8 15	8 15	
Scientific apparatus .....	31 09	31 09	
Traveling expense .....	120 30	120 30	
Buildings and repairs .....	5 73	5 73	
Unassigned .....	1,837 66		\$1,837 66
	\$7,500 00	\$5,662 34	\$1,837 66
<i>Farm Fund—</i>			
Labor .....	\$190 45	\$190 45	
Sundries .....	222 16	222 16	

## PAPER F—SCHOOL OF PHARMACY.

	Appropriated.	Expended.	Balance.
December 31, 1904.			
Salaries for instruction .....	\$1,639 81	\$1,639 81	
Salaries for services .....	1,450 00	1,450 00	
Buildings and grounds .....	2,665 29	2,665 29	
Fuel and lights .....	532 47	532 47	
Stationery and printing .....	116 37	116 37	
Laboratories .....	1,214 53	1,214 53	
Incidentals .....	130 96	130 96	
Sundries .....	4,704 44	4,704 44	
Advertising .....	917 42	917 42	
Furniture and fixtures .....	139 94	139 94	
Unassigned .....	1,488 77		\$1,488 77
	\$15,000 00	\$13,511 23	\$1,488 77

## PAPER G—COLLEGE OF MEDICINE.

	Appropriated.	Expended.
December 31, 1904.		
Salaries for instruction.....	\$ 5,789 96	\$ 5,789 96
Salaries for service.....	8,012 02	8,012 02
School of Dentistry.....	9,977 93	9,977 93
Buildings and grounds.....	13,534 92	13,534 92
Fuel and lights.....	1,924 77	1,924 77
Stationery and printing.....	720 58	720 58
Laboratories.....	3,481 46	3,481 46
Library.....	526 59	526 59
Apparatus and material.....	4,258 18	4,258 18
Incidentals.....	907 10	907 10
Advertising.....	1,088 92	1,088 92
Furniture and fixtures.....	423 62	423 62
Sundries.....	6,000 00	6,000 00
	\$56,646 05	\$56,646 05

*Paper H* is an estimate of the receipts and expenditures for the six months ending June 30, 1905.

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

*Paper L* is a report of the receipts for the three months ending Dec. 31, 1904.

PAPER L—RECEIPTS OF THE BUSINESS MANAGER FOR THE THREE MONTHS ENDING  
DECEMBER 31, 1904.

University fees.....	\$21,236 65	
Academy fees.....	1,500 00	
School of Pharmacy.....	5,825 15	
College of Medicine.....	43,007 85	
Agricultural College.....	3,541 26	
State Agricultural College equipment.....	947 53	
State Agricultural Station, treatment of orchards.....	2,056 71	
State Agricultural Station, stock.....	232 64	
United States Agricultural Experiment Station.....	770 37	
Heat and light.....	193 10	
Buildings and grounds.....	770 34	
Incidentals.....	46 00	
Certified Public Accountant fund.....	27 00	
Edward Snyder fund, principal.....	310 00	
Edward Snyder fund, interest.....	107 61	
Illinois Traction System scholarship.....	300 00	
Norton Insurance scholarship.....	90 00	
Mechanical department.....	237 88	
Chemical laboratory.....	30 59	
Geology.....	4 54	
Zoology.....	3 70	
Physics.....	235 75	
Laboratory of applied mechanics.....	9 00	
Civil engineering department.....	263 88	
General engineering drawing.....	3 30	
Library and apparatus.....	47 80	
Land contracts, interest.....	1,045 94	
Land contracts, principal.....	3,260 00	
		\$86,104 99

## PAPER I—APPROPRIATIONS FOR THE THREE MONTHS ENDING JUNE 30, 1905.

Board expense.....	\$ 800 00	
Salaries for instruction.....	55,000 00	
Salaries for services.....	8,000 00	
Buildings and grounds.....	5,000 00	
Fuel, light and electric power.....	8,000 00	
Stationery and printing.....	3,000 00	
Advertising, postage, etc.....	1,000 00	
Departments.....	2,000 00	
Laboratories.....	2,000 00	
Libraries and apparatus.....	500 00	
Furniture and fixtures.....	1,000 00	
Incidentals.....	1,000 00	
Heating apparatus.....	1,000 00	
Library school.....	200 00	
Library supplies.....	300 00	
		\$88,800 00
School of Pharmacy.....	\$ 5,000 00	
College of Medicine.....	35,000 00	
		40,000 00
		\$128,800 00

*Paper M* is a list of the general University vouchers presented for audit, being Nos. 1201 to 2850 inclusive.

*Paper O* is a list of the United States Agricultural Experiment Station vouchers presented for audit, being Nos. 66 to 132 inclusive.

*Paper P* is a list of the School of Pharmacy vouchers presented for audit, being Nos. 69 to 170 inclusive.

*Paper Q* is a list of the College of Medicine vouchers presented for audit, being Nos. 293 to 669 inclusive.

Respectfully submitted,

S. W. SHATTUCK,  
*Business Manager.*

## APPROPRIATIONS.

The appropriations asked for by the Business Manager were made. (See paper I above.)

The receipts of the dairy department amounting to \$5,000 were appropriated for the use of the department.

## REPORT OF COMMITTEE ON BUILDINGS AND GROUNDS.

The Committee on Buildings and Grounds made the following report, which was adopted.

URBANA, March 14, 1905.

*To the Board of Trustees.*

Your Committee on Buildings and Grounds reports as follows with regard to sundry matters referred to it by the Board:

## LOCATION OF WOMAN'S BUILDING.

The woman's building is located with its west front sixty-eight feet east of and parallel with the east line of Wright street, and the north line of the building twenty-two feet south of the south line of Daniel street extended east.

## FLAGSTAFF.

Your committee advised with Professor White and Colonel Fechét and authorized them to contract for the erection of a steel flagstaff about 100 feet high, if satisfactory proposals were obtained for a sum within the amount of the appropriation. This has been done and the contractors are now putting the flagstaff in place.

## ERECTION OF BUILDINGS.

Your committee reports that the woman's building contracts are a little more than half completed. Since the breaking up of the cold weather of winter the work has been started, and as all or nearly all, the materials needed for the completion of the building are on the grounds, there will not be any occasion for further suspension of operations before completion.

The agricultural buildings are nearly completed and the buildings are now occupied by the departments.

The steam laboratory contracts are about two-thirds done.

The plumbing contract for this building has not yet been made.

## ADDITIONS TO ARMORY.

The addition to the armory which the committee was authorized to make has not yet been made. It is undecided what it is best to do. Colonel Fechét has been asked to present for the consideration of the committee a plan of what he would recommend.

## NEW BOILERS.

In accordance with your instructions your committee authorized Professor Breckenridge to obtain proposals of the best terms possible for two new boilers. The best proposition was obtained from the Stirling Company for two 200-H. P. boilers set in the boiler house and provided with chain grates and automatic stokers, for \$7,400.00—the University to furnish the foundations. The contract was made Oct. 15, 1904, and the boilers have just been put into place. The foundations and the steam and smoke connections have cost about \$1,000.00.

Your committee asks that it be instructed to take out insurance covering these boilers as may be deemed necessary.

## RETURN OF EXHIBITS.

Under your instruction your committee authorized the president and deans to have the University exhibits returned to the University from the St. Louis Louisiana Purchase Exhibition, to purchase the cases on which the exhibits were made, and to purchase such other articles at the close of the exposition as in their judgment were of unusual value to the University, the amount to be distributed to the several departments as they should agree.

This work has been done, the exhibits returned, cases purchased and other articles for the several departments purchased, and all expenditures do not exceed the \$1,000.00 appropriated by the board.

## ELECTRIC WIRING.

Your committee asked Professor Morgan Brooks to have his department make a careful examination of the wiring in the several university buildings and report with recommendations to the committee. We present his report as follows:

UNIVERSITY OF ILLINOIS, March 13, 1905.

*S. A. Bullard, Esq., Chairman Buildings and Grounds Committee, University of Illinois.*

DEAR SIR—Regarding the question of defective wiring referred to me at a recent meeting of the trustees through your committee, I have to report that I have inspected the electric wiring in the various buildings of the University and have found a number of places where "an emergency" existed so that I have ordered immediate repairs to be made. A considerable amount

of work in improving the wiring has been done in the Agricultural Building, University Hall, the President's House, the Electrical Laboratory, the Wood Shop, the Armory and the Gymnasium. In the last named building the transformers have been removed from the building and located in the tunnel where any defect could not cause a fire. The troubles located have been caused mostly by causes not directly connected with electric wiring. For example underneath the main floor of the wood shop we found that a shaft hanger had been recklessly put up, the 220-volt wires being merely pushed aside, and remaining in contact with the iron of the hanger. It is a wonder that a short circuit was not caused at once. Only the good quality of the insulation prevented. Such dangers can only be remedied by inspection at reasonable intervals.

I desire to call your attention to the essentially defective wiring of the Natural History hall, of University hall, of the observatory, of the machine shop and of the boiler house. It would be only possible to bring the wiring in these buildings even approximately up to the standard of the Underwriter's rules for wiring by re-wiring the buildings, and this we recommend. The Natural History hall and the University hall are particularly bad. Not a single combination fixture in these buildings has the required insulation joint for one thing. Neither of these buildings is completely wired for electricity, and if rewiring is to be ordered the work should be made to include the unfinished wiring. Also Engineering hall (fairly well wired) is supplied with but half the number of fixtures and lamps needed to light the entire building. In a letter to President Draper, dated June 3, 1903, on this subject, I estimated the cost of completing the wiring of this building, including fixtures, sockets and lamps at \$850.

The lighting of the library building is inadequate, the rotunda suffering particularly. More light is demanded today for lighting than was formerly considered necessary, and I feel that the inadequacy of the lighting in this building is due largely to this fact. The large reading rooms need more light. Some gain could be made by lowering the fixtures, but a satisfactory solution of the problem would include heavier wiring and the purchase of a number of fixtures. I would like so to strengthen the overhead lighting as to do away entirely with the stand lamps on the tables, believing that the result would be to greatly enhance the appearance of these reading rooms. The rotunda, the finest interior architectural feature the University has, is positively gloomy after sunset, owing to insufficient lighting.

It may not be out of place to add here that additional lighting will soon be needed on the University grounds, especially south of University hall.

The present ugly pole line south of University hall along Burrill avenue will be taken down very soon, perhaps within ten days. The circuits supplied from this line will go under ground to the south end of the Agricultural building, thence by pole line on Mathews avenue to the new agricultural buildings.

Respectfully yours,  
MORGAN BROOKS,  
*Professor of Electrical Engineering.*

#### FIRE PROTECTION.

Your committee has considered the matter of more adequate fire protection and recommends the placing of additional extinguishers in all our buildings, or until there are three, or at least two, in each corridor and each story of the smaller buildings and four in each corridor of the larger buildings.

Your committee recommends that two chemical engines or trucks be purchased and installed, one north and one south of Green street, either in some rooms of buildings conveniently situated therefor or in a small building or buildings constructed for the purpose.

These trucks are to be double charged and provided with sufficient hose to reach from the truck to any part of the building and with hose to reach water plugs and to be re-charged as rapidly as necessary. That the janitors be organized into brigades for handling these trucks, and that during term time a fire brigade be organized among the students, allowing the deduction of semester fees to such as join the brigade. That these brigades practice in the use of chemical engines at intervals so that the service may be efficient.

Your committee believes that this would afford protection against incipient fires and that this service would either put fires out or hold them in check until the city departments could arrive.

Your committee recommends that it be authorized to get proposals for such apparatus, examine more fully where the engine may be placed and advise with the superintendent of buildings with regard to the details of the organization proposed and report at the June meeting of the Board.

The committee is of the opinion that it is possible to unite with the cities of Champaign and Urbana in providing a joint fire department in the vicinity of the University, and recommends that it be authorized to formulate such a plan, if such can be made with the cities, limiting the annual expense to the University to \$600.00 a year, and report to the Board.

#### CENTRAL UNION TELEPHONE COMPANY.

Your committee reports that the Central Union Telephone Company has not yet constructed its system of wires across the parade ground of the north campus; but the materials are on the ground and we are told that the work will be begun within a few days.

## PROFESSOR BROOKS'S REQUEST FOR LIGHT AND HEAT.

With regard to Professor Brooks's request for light and heat at reduced rates for a dormitory building, your committee reports that Professor Brooks, after investigating with regard to the cost of the proposed building and the probable income therefrom, has decided not to proceed with the matter, and so withdraws his request.

Respectfully submitted,

S. A. BULLARD,  
W. B. MCKINLEY,  
ALEXANDER MCLEAN,  
A. F. NIGHTINGALE,

*Committee on Buildings and Grounds.*

The following resolution was adopted:

*Resolved*, That a special committee of three members of the Board be named by the President of the Board to ascertain and report the facts of the rumored imprudent connection of any person responsible for the good name of the University with the promotion of certain phosphate mines in Tennessee.

The committee appointed is Mr. Bayliss, chairman; Messrs. McLean and McKinley.

## INCIDENTAL FEES.

The vote by which the incidental fee was reduced from twelve to ten dollars a semester (see p. 45) was reconsidered, and it was then voted not to change the fee.

## STANDING COMMITTEES.

On motion of Mr. McLean the Board voted that Mr. Bullard should be chairman of the Committee on Buildings and Grounds.

The President of the Board named the standing committees as follows:

*Agriculture*—Leonidas H. Kerrick, chairman; Austin D. Barber, Mrs. Mary E. Busey.

*Buildings and Grounds*—Samuel A. Bullard, chairman; Alexander McLean, William B. McKinley, William L. Abbott, Mrs. Laura B. Evans.

*Finance*—Alexander McLean, chairman; Leonidas H. Kerrick, William L. Abbott.

*Instruction*—Mrs. Carrie T. Alexander, chairman; Alfred Bayliss, Leonidas H. Kerrick.

*Publication*—Dr. Charles Davison, chairman; Alfred Bayliss, Mrs. Laura B. Evans.

*Library*—Mrs. Laura B. Evans, chairman; Dr. Charles Davison, Leonidas H. Kerrick.

*Students' Welfare*—Mrs. Mary E. Busey, chairman; Mrs. Carrie T. Alexander, Mrs. Laura B. Evans.

*School of Pharmacy*—William L. Abbott, chairman; Mrs. Carrie T. Alexander, Mrs. Mary E. Busey.

*College of Medicine*—Alexander McLean, chairman; Dr. Charles Davison, William B. McKinley.

*Engineering*—William B. McKinley, chairman; William L. Abbott, Alexander McLean.

The Board adjourned.

W. L. PILLSBURY,  
*Secretary.*

S. A. BULLARD,  
*President.*