

PROCEEDINGS
OF THE
BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS,
FOR THE YEAR ENDING AUGUST 31, 1892.

MEETING OF SEPTEMBER 8, 1891.

The Board of Trustees of the University of Illinois met in the University Parlor, in Urbana, at 4 o'clock p. m., Tuesday, September 8, 1891. Present, Messrs. Bullard, Clemens, Cobb, Graham, Raab, and Shawhan; absent, Governor Fifer and Messrs. Bryant, Funk, McKay, McLean, and Morgan.

Professor Burrill, Acting Regent, presented his report:

REGENT'S REPORT.

To the Board of Trustees, University of Illinois.

GENTLEMEN: However much I regret the emergency which has caused your action in making me Acting Regent of the University, I conceive it to be my duty formally to accept your call and to contribute in every possible way within my power to the well-being and well-doing of the great institution intrusted to your care. I fully appreciate both the honor and the difficulties of the position. For the first please accept my sincere thanks; for the second please give me your sincere support.

During the quarter now at its close the buildings have had their annual internal cleaning, and the wood work of University Hall has been painted in accordance with your instructions. A good deal of repairing has also been done outside and inside, and things are now in good shape for the opening of the term next week.

The barn on the experiment farm is not yet finished, but is so far along that it is estimated that it can be completed somewhat within the appropriation. It is desired that the balance may be made available for the construction of connected out-buildings and fittings. At your June meeting an appropriation of \$1,000.00 was made for machinery in the architectural shops, and at the August meeting another \$1,000.00 was assigned to the same department for a dry-room and lumber sheds. The former was to be expended under the direction of the Committee on Buildings and Grounds and the Regent: who was to expend the latter was not designated. As may be seen by the communication of Professor Ricker little has been done. I respectfully suggest that the further expenditure of these amounts be referred to the Professor of Architecture and the Business Agent. The desks ordered for the architectural rooms have been received and the computing instrument is soon expected.

The room for the work in electrical engineering has been re-floored and the apparatus ordered is on hand and in part ready for use. Much delay, however, occurred in getting the pieces set up on account of the disorganization of the mechanical department. But for the energy of Professor Stratton the work would have been much longer delayed. The demand for instruction in this branch at present is so urgent that the fullest possible provision should be made at once to meet it satisfactorily. A steam engine seems to be much needed for work beyond the power of the gas engine just put up. About \$1,000.00 is needed for this purpose, and as there is great pressure now upon the manufactories it will be necessary to order the engine sometime before it can be expected. Either an appropriation may be made, if you deem any action best, or authority may be given now to make inquiries and to place an order.

Professor Baldwin, elected at your last meeting to the chair of mining engineering, has arrived and reports ready for duty. It however seems unlikely that he will have many, if any, students in his special subjects. The department will require building up in this respect as well as in its material equipment. For the present, and perhaps permanently, it is proposed to assign to him the instruction in mineralogy, heretofore taught by the professor of chemistry. With this in view Professor Baldwin, aided by other professors, has examined the specimens for instruction on hand and has asked for leave to purchase such others as seem demanded now for the purpose. An appropriation of \$500.00 is asked on this account.

In this connection it may be stated that the tools used in the fall term by students in the laboratory work in mineralogy, have heretofore been used in a different term by the students in geology under Professor Rolfe. Now these two subjects are to be taught in the same term, and it therefore becomes essential to purchase more of these small implements. Sixty dollars is asked for this use.

I also submit requests as follows:

By Professor Ricker—	
For tools, etc., for architectural shops.....	\$511 00
For 4 wood lathes.....	160 00
For vertical drawing board.....	30 00
Total.....	\$701 00
By Professors Palmer and Parr—	
For lamps, filter stands, etc.....	\$135 00
For platinum ware.....	250 00
For filter pumps.....	75 00
For fitting up store room.....	300 00
Total.....	\$760 00

By Professor Baker:—	
For apparatus.....	\$655 00
For bridge joints.....	300 00
Total.....	\$955 00
By the Dean of the College of Engineering—	
For a computing machine.....	\$200 00
For apparatus for the testing laboratory.....	500 00
Total.....	\$700 00

There has been a desire expressed on the part of most of the members of the Faculty for considerable additions to the library. It is indeed impossible to do the best work in several of the departments without these needed books. I respectfully repeat the proposal made by our former Regent, Dr. Peabody, that \$4,000 be assigned for this purpose, one-half the amount to be taken from the congressional fund for year ending June 30, 1891, and one-half from that of year ending June 30, 1892, when this last is available.

I also respectfully ask that an assignment of \$150 be made for furniture for the Regent's office and parlor. The chairs now on hand for these rooms are quite too few in number, and a new carpet in the office would be a very desirable addition.

At your meeting in March of this year you appropriated \$100 for making wax models of fruits, etc. This work has been in progress during the summer with satisfactory results. We now find that it is desirable to use in this way \$50 more, if this may be permitted.

A report by Professor Morrow is herewith submitted for your information concerning the farm:

FARM REPORT.

UNIVERSITY OF ILLINOIS, Sept. 7, 1891.

Dr. T. J. Burrill, Acting Agent.

SIR: During the three months ending September 1st,

The receipts of the farms have been.....	\$1,047 59
The expenditures have been.....	722 56
Leaving balance to credit of farms of.....	\$325 03

The receipts may be classified as follows:

Wheat.....	\$321 60
Oats.....	148 78
Hay.....	182 48
Rent.....	190 00
Live stock.....	167 33
Miscellaneous.....	37 40

The expenses may be classified as follows:

Labor.....	\$597 69
Live stock.....	42 23
Machinery and repairs.....	53 29
Miscellaneous.....	29 35

During a part of the three months the farms suffered from drouth. The pastures were eaten closer than for years. There was some inconvenience from lack of water. The hay crop suffered somewhat. About 130 tons were secured in good condition. The wheat crop, aggregating about 420 bushels, was quite good, and the oat crop of about 1,600 bushels, was unusually good in yield and quality. The corn crop promises to be somewhat above an average. The live stock on the farms, as a whole, has done well. The new barn on the experiment farm has been enclosed, and the work is progressing rapidly. The extension of the water pipes to this barn and the dairy house, etc., has been completed, greatly to the relief of the farm and experiment work. The financial statements concerning these will be presented by the Business Agent.

Respectfully submitted,

G. E. MORROW.

I also present a communication from Miss Kimball in regard to the fee for music lessons, and invite your attention to it.

Your attention is asked to the status of Green street as a public thoroughfare. The question as to the party responsible for the maintenance of the sidewalk on the south side of this street has long been a debatable one. The walk is now badly out of repair and in a dangerous condition. By consulting page 142 of the 'Transactions of the Board of Trustees, 1868, it will be seen that the opening of this street for public purposes was duly authorized, though no deed to the land, from the University to the City of Urbana, was ever placed on file. Is it not wise that action be taken now by you, such as will be necessary to place the care of the street in the city within whose corporate limits it lies? If so, an agreement should be first required of the city authorities to keep the street and walk in proper order, without expense to the University.

Attention is also asked to the matter of the western land sales. The committee to which this was referred consisted of Dr. Peabody, Mr. Charles Bennett and the Business Agent. Evidently a new committee should be appointed with such instructions as you may desire to give.

During the summer vacation Mr. E. E. Chester, chairman of committee on educational exhibits of the Illinois Board of Commissioners of the World's Columbian Exposition, asked to meet as many members of the Faculty as could be convened to consult in regard to a proposed exhibit by the University. This meeting was held and a committee of the Faculty was appointed to estimate the cost and space required for such exhibit. Nothing very definite could be arrived at, but a total sum of \$13,000.00 for the preparation of the exhibit, \$2,000.00 for cases, and \$3,000.00 for attendance, together with 8,000 square feet of floor space was proposed. This preliminary and wholly unauthorized report was made to the Commissioners at their July meeting in Chicago. It is quite probable that something like this amount of money and of floor space will be assigned by the Commissioners for the purpose, if found necessary. It appears to me the time has fully come for your honorable body to take some action upon the subject, first, by authorizing the preparation of an exhibit under the direction of members of the Faculty and at the cost of the Illinois Commission and second, by the appointment of a suitable committee with proper authority, to which all matters pertaining to the exhibit should be referred.

I submit herewith the quarterly report of the President of the Agricultural Experiment Station.

AGRICULTURAL EXPERIMENT STATION.

Professor T. J. Burrill, Acting Regent.

DEAR SIR: The Board of Direction of the Agricultural Experiment Station presents the following papers:

Paper A is a statement of expenditures for the year ending June 30, 1891.

Paper B is a statement of expenditures for the quarter ending June 30, 1891.

Paper C is a statement of appropriations, expenditures, and balances for the quarter ending September 30, 1891.

Paper D is a list of warrants drawn, No. 968 to 1,021, inclusive, and No. 1 to 33, except No. 20, and is accompanied with vouchers for the same.

Paper E is a statement of appropriations asked for this and the next quarters.

PAPER A—FINANCIAL STATEMENT FOR THE YEAR ENDING JUNE 30, 1891.

<i>Receipts.</i>	
Appropriated by Congress.....	\$15,000 00
From State Board of Agriculture for analyses of fertilizers.....	90 00
	<hr/> \$15,090 00
<i>Expenditures.</i>	
Buildings and repairs.....	\$310 73
Board expense.....	75 41
Books and publications.....	711 63
Botanical apparatus.....	165 13
Bulletins.....	1,625 52
Chemical apparatus.....	728 41
Fertilizers.....	27 08
Fuel and lights.....	306 46
Incidentals.....	52 90
Printing, stationery, and postage.....	110 36
Salaries.....	6,488 52
Seeds and trees.....	54 62
Tools and supplies.....	259 03
Wages and teams.....	3,589 68
<i>Sundry—</i>	
Corn and wheat experiments.....	170 63
Dairying experiments.....	141 98
Dairy house fittings.....	226 14
State Fair exhibit.....	45 77
Total.....	<hr/> \$15,090 00

URBANA, ILL., September 8, 1891.

To the Trustees of the University of Illinois.

GENTLEMEN: The foregoing is a true statement of the receipts and expenditures of the Agricultural Experiment Station of the University of Illinois for the fiscal year ending June 30, 1891.

Respectfully submitted,

G. E. MORROW, *President Board of Direction.*

W. L. PILLSBURY, *Secretary Board of Direction.*

PAPER B—STATEMENT OF EXPENDITURES FOR QUARTER ENDING JUNE 30, 1891.

Buildings and repairs.....	\$280 73
Board expense.....	21 56
Books and publications.....	454 88
Botanical apparatus.....	104 65
Bulletins.....	387 72
Chemical apparatus.....	353 68
Fertilizers.....	16 08
Fuel and lights.....	132 30
Incidentals.....	22 50
Printing, stationery, and postage.....	41 85
Salaries.....	1,395 00
Seeds and trees.....	31 11
Tools and supplies.....	206 88
Wages and teams.....	985 65
<i>Sundry—</i>	
Corn and wheat experiments.....	77 71
Dairying experiments.....	25 44
Dairy house fittings.....	226 14
Total.....	<hr/> \$4,763 88

PAPER C—STATEMENT APPROPRIATIONS, EXPENDITURES, AND BALANCES FOR THE QUARTER ENDING SEPTEMBER 30, 1891.

	Appropriated	Expended.	Balance.
Buildings and repairs	\$10 00		\$10 00
Board expense	40 00		40 00
Books and periodicals	50 00	\$1 63	48 37
Botanical apparatus.....	70 00		70 00
Bulletins.....	250 00	44 70	205 30
Chemical apparatus.....	275 00	18 97	256 03
Fuel and lights.....	60 00		60 00
Incidentals.....	25 00		25 00
Printing, stationery, and postage.....	25 00	2 10	22 90
Salaries.....	1,750 00	1,108 34	641 66
Tools and supplies	35 00		35 00
Wages and teams.....	1,050 00	524 30	525 70
<i>Sundry experiments—</i>			
Dairying experiments.....	100 00	3 75	96 25
Wheat and other experiments in southern Ill..	100 00	2 00	98 00
Total.....	\$3,840 00	\$1,705 79	\$2,134 21

PAPER E—ESTIMATES.

<i>For quarter ending September 30, 1891.</i>	
Fertilizers.....	\$10 00
Seeds and trees.....	25 00
	<u>\$35 00</u>
<i>For quarter ending December 31, 1891.</i>	
Buildings and repairs.....	\$25 00
Board expense.....	40 00
Books and periodicals.....	250 00
Botanical apparatus.....	10 00
Bulletins.....	350 00
Chemical apparatus.....	50 00
Fuel and lights.....	100 00
Incidentals.....	25 00
Printing, stationery, and postage.....	25 00
Salaries.....	1,800 00
Seeds and trees.....	20 00
Tools and supplies.....	50 00
Wages and teams.....	850 00
<i>Sundry experiments—</i>	
Dairying experiments.....	100 00
Wheat and other experiments.....	25 00
Drainage.....	25 00
Exhibit at State Fair.....	60 00
Total.....	<u>\$3,805 00</u>

The Board of Direction asks that the Trustees appropriate funds according to estimates in Paper E for the use of the Station.

The Board also asks that Paper A be passed upon by the Trustees in order that it may be used as a basis of the financial report which by law must be made for the year ending June 30, 1891, to the Governor of the State and to the Secretary of the Treasury of the United States.

The Board of Direction will continue its work in the lines already laid down and does not at this time ask authority to undertake any new work.

The Board thinks it desirable to make an exhibit of some of its work at the State Fair again this year, and has inserted in the estimates for the next quarter an amount of sixty dollars to defray the expenses of such an exhibit.

The Board has also passed the following resolutions:

Resolved, That it is the opinion of this Board that such an exhibit should be made at the World's Columbian Exposition as will best illustrate the work of the Experiment Station.

Resolved, That this Board approves of the proposal to have a "Collective Exhibit of the Work of the Agricultural Experiment Stations of the Country" at the World's Columbian Exposition, and of this Station's giving such aid as shall be practicable in the preparation of such exhibit.

Respectfully submitted,

G. E. MORROW,

President Board of Direction.

In these several recommendations and requests of the Experiment Station I fully concur.

For the matters concerning appointments of new instructors, I refer to the report of the Committee on Instruction. For those concerning the military department and for the revision of rules, to the special committees upon these subjects. Also for information about the new science building to the Committee on Buildings and Grounds.

I am, very respectfully yours,

T. J. BURRILL,

Acting Regent.

The Board then adjourned to meet at the Doane House, in Champaign, at 7:30 o'clock p. m.

EVENING SESSION.

The Board met at the Doane House pursuant to adjournment. Present, Mr. Bryant and the same members who had been present in the afternoon.

The minutes of the last two meetings were approved.

The Treasurer, Mr. John W. Bunn, presented the following report, which was referred to the Committee on Finance:

TREASURER'S REPORT.

JOHN W. BUNN, TREASURER, IN ACCOUNT WITH THE UNIVERSITY OF ILLINOIS.

		<i>Dr.</i>		
1891.				
June	9	To balance		\$14,983 08
	15	.. interest on Urbana school bonds	\$550 00	
		.. .. Morgan county	1,400 00	
		.. .. Montgomery county school bonds	720 00	
		.. .. Homer school bonds	375 00	
				3,045 00
		.. .. on land contract No. 10, John Ellis	\$109 20	
July	2	.. .. No. 12, H. C. Kludas,	180 00	
				289 20
		.. .. Champaign county bonds	\$3,600 00	
		.. .. Pike county	2,100 00	
		.. .. Sangamon county	880 00	
		.. .. Chicago water	875 00	
		.. .. Macoupin county	660 00	
		.. .. Sangamon county	400 00	
		.. .. Pittsfield school	630 00	
		.. .. Litchfield school	440 00	
		.. .. Montgomery county school bonds	260 00	
		.. .. Champaign	210 00	
		.. .. Christian	120 00	
		.. .. Kankakee	1,500 00	
				11,675 00
				900 00

Treasurer's Report—Continued.

		<i>Dr.</i>			
1891.	July	8	To amount received from state for taxes on lands in Minnesota.....	\$1,511 24	
			" amount received from state, buildings and grounds....	2,500 00	
			" " " laboratories.....	1,500 00	
			" " " mechanical shops.....	2,000 00	
			" " " books and publications...	1,000 00	
			" " " specimens for cabinets...	500 00	
			" " " expenses of instruction...	20,000 00	
			" " " new boiler for Mil. Hall...	3,500 00	
			" " " barn and sheds.....	2,500 00	
			" " " furniture.....	1,000 00	
			" " " natural science building..	30,000 00	
			" " " furniture for ".....	5,000 00	
			" " " for Lab'y of Nat. History.		\$71,011 24
			" " " field work and office ex-		
			penses.....	\$1,500 00	
			" amount received on account library.....	1,000 00	
			" " " salaries and assistance...	3,500 00	
			" " " publication of bulletins...	500 00	
			" " " illustr'n of biennial rep't.	250 00	
			" " " printing additional copies		
			Natural History Survey of Illinois.....	600 00	
			" amount received on account United States act of Con-		7,350 00
			gress Aug. 30, 1890, for the year ending June 30, 1891....		16,000 00
		17	" amount received on account architectural department.	\$356 51	
			" " " fuel and lights.....	63 20	
			" " " mechanical department...	\$50 00	419 71
		31	" " " architectural department..	53 26	
			" " " ".....		103 26
Aug.		1	" interest on Champaign school bonds.....	\$810 00	
			" " Morgan county school bonds.....	600 00	
			" " Montgomery county school bonds.....	90 00	
		20	" " " ".....	84 00	
			" " land contract No. 12, H. C. Kludas.....		1,584 00
		31	" amount received on account buildings and grounds....	\$31 00	4 80
			" " " stationery and printing.....	2 25	
			" " " mechanical department...	299 52	
			" " " architectural.....	1,225 39	
			" " " agricultural.....	965 12	
			" " " horticultural.....	195 08	
			" " " laboratories.....	443 02	
			" " " library and apparatus.....	1 35	
			" " " Minnesota lands.....	50 00	
			" " " farm water supply.....	41 01	
			" " " University students' fees.	417 50	
			" " " preparatory year.....	70 00	
			" " " music fees.....	211 00	3,952 25
					\$131,317 54
		<i>Cr.</i>			
1891.	Aug.	31	By amount paid on account Board expense.....	\$522 40	
			" " " salaries.....	13,671 79	
			" " " buildings and grounds.....	170 09	
			" " " fuel and lights.....	608 45	
			" " " stationery and printing.....	1,253 74	
			" " " mechanical department.....	428 11	
			" " " architectural.....	1,262 44	
			" " " agricultural.....	722 56	
			" " " horticultural.....	131 77	
			" " " military.....	37 15	
			" " " laboratories.....	141 38	
			" " " library and apparatus.....	14 72	
			" " " incidental expense.....	140 46	
			" " " furniture and fixtures.....	\$23 89	\$19,105 06
			" " " commencement.....	189 71	
			" " " music fees.....	211 00	
			" " " gymnasium.....	2 15	
			" " " Minnesota lands.....	7 15	
			" " " premium on bonds.....	300 00	
			" " " farm water supply.....	1,057 13	
					1,791 03

Treasurer's Report—*Concluded.*

		Cr.		
1891.	State appropriations—			
Aug. 31	By amount paid on account	taxes on Minnesota lands.....	\$1,511 24	
		buildings and grounds.....	1,716 92	
		apparatus and materials.....	37 00	
		mechanical and arch'l shops..	181 13	
		books and publications.....	68 06	
		cabinets.....	223 58	
		farm barn	1,618 77	
		furniture	47 60	
		State Laboratory of Natural		
	History.....		2,700 96	
	“ amount paid on account	United States fund.....		\$8,105 26
	“ balances—Current funds		\$5,991 86	3,490 44
		United States fund.....	18,446 47	
		State appropriations.....	74,387 42	
				\$98,825 75
				<u>\$131,317 54</u>

Urbana, September 8, 1891.

JOHN W. BUNN, *Treasurer.*

The Treasurer stated that he had received from payment of bonds held as a part of the endowment fund, \$14,700.00; and that he had bought bonds for this fund to the amount of \$36,150.00, at a premium of \$1,199.00 for which he asked an appropriation.

On motion of Mr. Cobb, the report on the endowment fund was received, and the amount of \$1,199.00 was appropriated from current funds to pay the premium.

The Business Agent, Professor Shattuck, presented the following report:

BUSINESS AGENT'S REPORT.

UNIVERSITY OF ILLINOIS, Sept. 8, 1891.

Samuel A. Bullard, Esq., President Board of Trustees, University of Illinois,

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

Paper A is a statement of the current appropriations for the six months ending September 1, 1891.

Paper B gives the condition of the state appropriations, September 1, 1891.

Paper C gives the condition of the United States fund, September 1, 1891.

Paper D is a list of vouchers presented for audit, being 776 to 1,100 inclusive.

Paper E is an estimate of receipts and expenses for the twelve months ending September 1, 1892.

Paper F is a list of the usual appropriations for six months.

The Board is also asked to make the following assignments from state appropriations:

From appropriations for buildings and grounds—

For general repairs	\$400 00
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From appropriation for mechanical and architectural shops—

For power, tools and materials.....	\$1,200 00
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From appropriation for books and publications—

For books and periodicals.....	\$837 50
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From appropriation for apparatus and materials—

For chemie l laboratory supplies.....	\$600 00
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From appropriation for expenses of instruction—

For salaries.....	\$20,000 00
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From U. S. fund—

For salaries.....	\$8,000 00
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Paper G is a report for the Library Committee of the expenditure of the \$1,000 received from the state.

Paper H is a report for the committee on Minnesota Lands.

Respectfully submitted,

S. W. SHATTUCK, *Business Agent.*

PAPER A—CURRENT APPROPRIATIONS.

March 10, June 9, August 7, 1891.	Appropri'd	Receipts also appropri'd.	Exp'nded.	Balance.
Board expense	\$1,000 00	.....	\$707 74	\$292 26
Salaries for instruction.....	26,820 00	.....	17,034 16	} 218 66
{ Current...			2,067 18	
{ State.....			7,500 00	
{ U. S. fund.			2,238 91	11 09
" " services.....	2,250 00	.....	346 83	429 17
Buildings and grounds.....	715 00	\$61 00	1,022 25	92 21
Fuel and lights	1,000 00	114 46	1,584 27	317 98
Stationery and printing.....	1,900 00	2 25	675 71	95 21
Mechanical department.....	200 00	570 92	1,651 38	634 02
Architectural	200 00	2,085 40	1,261 22	1,205 99
Agricultural	200 00	2,267 22	192 85	364 23
Horticultural	100 00	457 08	70 37	29 63
Military	100 00		446 41	642 05
Laboratories.....	200 00	888 46	45 10	6 25
Library and apparatus.....	50 00	1 35	303 42	18 91
Incidentals.....	322 33	.....	
<i>Sundries—</i>				
Water supply.....	200 00	.....	200 00	.....
Furniture and fixtures.....	200 00	.....	136 63	63 37
Moving machine shop.....	90 81	.....	3 20	87 61
Gymnasium.....	117 71	6 00	147 12	.....
Griggs farm.....	53 50	.....	53 50	.....
Commencement	200 00	.....	189 71	10 29
Grading campus.....	550 00	.....	350 00	.....
University fees.....	.....	3,427 50	.....	3,427 50
Preparatory year.....	.....	570 00	664 98	.....
Music fees.....	.....	416 00	416 00	.....
Lumber sheds, etc.....	1,000 00	.....	.....	1,000 00
Agricultural convention.....	75 00	.....	.....	75 00
Minnesota lands.....	.....	50 00	7 15	42 85
Premium on bonds.....	300 00	.....	300 00	.....
Farm water supply.....	1,000 00	41 06	1,057 13	.....

PAPER B—STATE APPROPRIATIONS.

	Received.	Expended	Balance.	Assigned.
Taxes on Minnesota lands.....	\$1,511 24	\$1,511 24	.....	.....
Buildings and grounds.....	2,500 00	1,527 67	\$972 33	\$101 91
Apparatus and material.....	1,500 00	37 00	1,463 00	178 00
Mechanical and architectural shops	2,000 00	.....	2,000 00	.....
Books and publications.....	1,000 00	.....	1,000 00	162 50
Cabinets.....	500 00	338 42	161 58	161 58
Expenses of instruction.....	20,000 00	.....	20,000 00	.....
Heating Military Hall	3,500 00	.....	3,500 00	.....
Farm barn	2,500 00	1,618 77	881 23	881 23
Furniture.....	1,000 00	47 60	952 40	177 50
Natural science building.....	30,000 00	.....	30,000 00	.....
Furniture for same.....	5,000 00	.....	5,000 00	.....
Metallurgical laboratory	4,000 00	2,950 43	1,049 57	.....
	\$75,011 24	\$8,031 13	\$66,980 11	\$1,662 72
Illinois State Laboratory of Natural History.	8,900 27	1,492 96	7,407 31	2,682 24

PAPER C—UNITED STATES FUND.

	Received.	Exp'nded.	Balance.	Assigned.
<i>Year ending June 30, 1890.</i>				
Salaries for instruction	\$7,500 00	\$7,500 00		
Electric laboratory	2,500 00	2,393 78	\$106 22	\$106 22
Mechanical	1,000 00	593 98	406 02	406 02
Chemical	1,000 00	651 60	348 40	348 40
Civil engineering	500 00	408 38	91 62	91 62
Botany and physiology	500 00	81 86	418 14	418 14
Natural history	2,000 00	536 05	1,463 95	1,463 95
	\$15,000 00	\$12,165 65	\$2,834 35	\$2,834 35
<i>Year ending June 30, 1891.</i>				
Salaries for instruction	\$8,000 00		\$8,000 00	
Physical laboratory	1,175 00	\$364 63	810 37	\$810 37
Electric	500 00		500 00	500 00
Chemical	150 00		150 00	150 00
Architectural department	1,000 00	23 25	976 75	976 75
General	5,175 00		5,175 00	
	\$16,000 00	\$387 88	\$15,612 12	\$2,437 12

PAPER G—STATEMENT OF THE STATE APPROPRIATION FOR BOOKS AND
PUBLICATIONS FOR THE TWELVE MONTHS ENDING SEPTEMBER 1, 1891.

September 1, 1890, balance		\$1,000 00
Warrant No. 120—Pantagraph Printing and Stationery Company, binding	\$192 44	
“ 121—A. C. McClurg & Co., books	6 96	
“ 126—L. C. Scott Publishing Co., subscription	4 00	
“ 127—McDonnell Bros., books	5 00	
“ 128—U. S. Patent Office, binding	31 20	
“ 166—Johns Hopkins Press, books	7 50	
“ 167—Railroad Gazette, subscription	2 10	
“ 168—Engineering News Co., book	5 00	
“ 169—Popular Science News Co., subscription	2 00	
“ 234—Sereeno Watson, books	18 00	
“ 242—A. E. Foote, atlas	7 00	
“ 284—Dibble Publishing Co., book	3 00	
“ 285—Massachusetts Board of Agriculture, books	3 00	
“ 286—Kenyon News Company, subscriptions	211 55	
“ 287—A. C. McClurg & Co., books	3 37	
“ 368—McDonnell Bros., books	5 00	
“ 571—American Philological Association, book	2 50	
“ 572—Kenyon News Company, subscription	3 10	
“ 573—D. H. Lloyd & Son, books	233 07	
“ 709—A. C. McClurg & Co., books	7 64	
“ 710—D. H. Lloyd & Son, books	138 25	
“ 711—Studies in Natural History, books	5 50	
“ 712—Ginn & Co., books	2 00	
“ 713—D. C. Heath & Co., books	6 80	
“ 714—McDonnell Bros., books	5 00	
“ 715—Carl Schoenhof, books	11 31	
“ 716—Kenyon News Co., books	3 65	
“ 801—D. Appleton & Co., book	6 00	
“ 842—Railroad Gazette, back numbers	1 50	
“ 843—Johns Hopkins Press, book	5 00	
“ 844—Journal of Association of Engineers, subscription	3 00	
“ 845—Kenyon News Co., subscriptions	5 90	
“ 852—Engineering News Co., Index	1 00	
“ 936—Gustav E. Stechert, books	49 16	
“ 937—A. C. McClurg & Co., books	2 50	
		\$1,000 00

MINNESOTA LANES.

UNIVERSITY OF ILLINOIS, September 8, 1891.

To the Board of Trustees of the University of Illinois.

GENTLEMEN: The committee on sale of Minnesota lands offers the following report of its work since August 7, 1891:

Sold, August 13, 1891, to Olof Mattson, the N. W. $\frac{1}{4}$, 10, 117, 35, 160 acres for \$10 per acre; cash received, \$400; on time, \$1,200.

This makes total amount of sales to date, \$12,381.90.

Your committee respectfully suggests that the Secretary of the Board might well be added to it; also some additional members.

Respectfully submitted,

S. W. SHATTUCK,

Committee on Minnesota Lands.

The following appropriations, for the six months ending February 29, 1892, as asked for in Paper F, presented by the Business Agent, were then made, on motion of Mr. Cobb:

Board expense.....	\$600 00
Salaries for instruction.....	28,870 00
Salaries for services.....	3,030 00
Buildings and grounds	400 00
Fuel and lights.....	2,500 00
Stationery and printing.....	600 00
Mechanical department.....	200 00
Architectural	200 00
Agricultural	200 00
Horticultural	100 00
Military	100 00
Laboratories	600 00
Library and apparatus	50 00
Incidentals	340 00
Furniture and fixtures	200 00
Water supply.....	200 00
Gymnasium	100 00
Lumber sheds, etc.....	1,000 00
Agricultural convention.....	75 00
Minnesota lands	40 00
Farm barn.....	1,000 00
	<hr/>
	\$40,365 00

The assignments from state and congressional appropriations, as asked in the Business Agent's report, were then made, on motion of Mr. Cobb.

The report on the expenditure of the state appropriation for the library, was referred to the Finance Committee.

The report on Minnesota lands was approved, and the President of the Board, the Secretary, and the Business Agent, were made the committee on the sale of these lands.

The special committee on military affairs made a report, which, after it had been read and discussed, was recommitted, to be revised by the committee.

The Board then adjourned to meet at 9 o'clock Wednesday morning in the University Parlor.

WEDNESDAY'S SESSION.

The Finance Committee submitted the following reports which were approved:

To the Board of Trustees of the University of Illinois.

GENTLEMEN: Your committee on Finance has examined vouchers of the University of Illinois on which warrants No. 776 to 1,100, inclusive, except No. 1,081, have been issued and has found the same correct in amount and properly receipted.

Respectfully submitted,

WM. W. CLEMENS, }
NELSON W. GRAHAM, } *Finance Committee.*

To the Board of Trustees of the University of Illinois.

GENTLEMEN: Your committee on Finance has examined the vouchers of the Experiment Station on which warrants No. 896 to 1,021, inclusive, and No. 1 to 33, inclusive, except No. 20, have been issued and has found the same correct in amount and properly receipted.

Respectfully submitted,

WM. W. CLEMENS, }
NELSON W. GRAHAM, } *Finance Committee.*

The Committee on Buildings and Grounds made the following report on the new building:

BIDS FOR THE NEW BUILDING.

To the Board of Trustees of the University of Illinois.

GENTLEMEN: Your Committee on Buildings and Grounds begs leave to report that the drawings and specifications for the new natural science building were completed by the architect and that proposals were called for to be in the hands of the Secretary of the Board September 7th. Three proposals were received for the construction for the complete work as specified, one for the excavation alone, one for stone and brick masonry alone, two for slate and metal work alone, and one for plastering alone. The architect's estimate of the cost of the building was \$60,000.

The bids for the complete work were too high, running considerably over the appropriation. There were not enough of the partial bids to cover all of the work had they been united.

After due consideration of the matter your Committee recommends that all bids received be rejected, that new bids be requested for the building in accordance with the amended drawings and specifications herewith submitted; that each contractor from whom bids have been received be notified in writing of this action, and that the new bids be received until noon of Monday, Sept. 21, 1891, and be opened at 2 p. m. on the same day.

Respectfully submitted,

S. A. BULLARD, }
NELSON W. GRAHAM, } *Committee on
Buildings and Grounds.*

The report of the committee was approved on motion of Mr. Cobb.

The Board then, on recommendation of the Committee on Buildings and Grounds, ordered that a warrant for \$750 be drawn in favor of Professor Ricker for services as architect.

The Board also appropriated \$50, to be used, so far as may be needed, in payment of bills for advertising for proposals for the new building.

Professor Ricker made a full explanation of changes in the plans for the building and in the specifications, and stated what difference these would make in the cost.

The matter of receiving bids was, on motion of Mr. Shawhan, referred to the Executive Committee and the Committee on Buildings and Grounds jointly, with full power to act thereon, and to authorize the President and Secretary to contract for the erection of the building upon a satisfactory bid.

The President and Secretary were instructed to attend to advertising for bids.

The Committee on Buildings and Grounds made this report on furnishing a room for the new society, the *Academy*:

HALL FOR THE ACADEMY.

To the Board of Trustees of the University of Illinois.

GENTLEMEN: Your Committee on Buildings and Grounds, to which was referred the petition of the committee of the new literary society in the University, the *Academy*, for the use of the physical lecture room as a society hall, and for the proper fitting up of said room for that purpose, after having had the same under consideration asks leave to report:

That the use of the room be granted for the time requested.

That five dozen chairs be purchased, not exceeding one dollar each in cost.

That the necessary matting for aisles be purchased, not exceeding forty dollars cost.

If it be found that more satisfactory arrangements for rooms may be made by the Faculty, that the Faculty be authorized to do so, using the appropriations herein stated.

Respectfully submitted,

September 9, 1891. S. A. BULLARD,
NELSON W. GRAHAM, } *Committee.*

The report was approved and the appropriation made as asked, on motion of Mr. Cobb.

The special committee on military affairs made the following revised report:

MILITARY AFFAIRS.

To the Board of Trustees of the University of Illinois.

GENTLEMEN: Your special committee on military affairs submits the following report:

1. Every male student shall study military tactics, and shall recite upon the same once a week until he passes two creditable term examinations; and every male student, not excused for physical disability, or other cause hereinafter specially provided, shall have military drill twice a week until he obtains six creditable term records. Those selected as officers shall continue the recitations as above during their time of service.

2. The class room instruction and the drill practice shall begin for each student as soon as practicable after he enters the University; *Provided*, That students in the preparatory classes carrying no freshman studies, and not expecting to matriculate during the year, shall not be thus enrolled.

3. Officers of the battalion shall be nominated by the professor in charge and confirmed by the Faculty. All students having passed two term examinations in class room military instruction, and having gained

two term credits in drill practice shall be eligible for corporals; those having three term credits in each shall be eligible for sergeants; and those having six term credits in each shall be eligible for lieutenants and for officers of higher rank.

Proficiency and capacity in the military department shall be the basis of promotion in the battalion; *Provided*, That any serious college censure shall disqualify in this respect.

4. Special military scholarships shall be created, good for one year, to which shall be attached a money value of twenty-two and one-half dollars. Students attaining the rank of commissioned officers shall be eligible for these scholarships, and one scholarship shall be awarded to each such officer actually serving in the battalion, one-third its value to be payable at the close of each University term

Your committee recommends that the above report be referred to the committee on rules, with instructions to revise immediately all rules relating to the military department on this basis, and that the Faculty be authorized to proceed under them, at once.

G. R. SHAWHAN, }
S. A. BULLARD, } *Committee.*
T. J. BURRILL, }

The report was approved.

The Committee on Buildings and Grounds made the following report, which was approved and the appropriation made:

To the Board of Trustees of the University of Illinois.

GENTLEMEN: Your Committee on Buildings and Grounds has inquired into the cost of providing a flag pole and flags for the military department and finds that a pole of Washington cedar, 100 feet above ground may be had for \$225; and that a set of flags of government sizes may be had for \$55.

In order to make the military department more interesting and instructive to the students, the committee recommends that appropriations for the amounts herein be made, and that a flag pole and flags be obtained for use of the military department.

S. A. BULLARD, }
NELSON W. GRAHAM, } *Committee on*
Buildings and Grounds.

The Secretary presented the following petition, stating that Miss Katherine L. Kennard, when she handed him the petition, had said that another petition in the same language and numerous signed had failed to reach her in season. The Secretary also presented a large number of letters received by him, relating to the subject of the petition:

PETITION.

We, the undersigned, do petition the Trustees of our Alma Mater, the University of Illinois, to weigh and consider the question of making this a *Co educating* as well as a *Co-educational* institution.

At present, the young women here in attendance are without representation in the Faculty of the University.

Believing the highest good to students comes through co-educating influences, we beseech you, O Trustees of the University of Illinois, in the name of Reason, Truth, and Justice, and in behalf of the best interests of the University and of the State of Illinois, to appoint women to professorships, making them full professors in the said University of Illinois.

The petition had 36 signatures.

The Board, after expressing its hearty approval of the request of the petitioners and its sympathy with their aims, referred the petition and letters to the Committee on Instruction.

The Committee on Instruction presented the following report, which was approved

To the Board of Trustees of the University of Illinois.

GENTLEMEN: Your Committee on Instruction, pursuant to your directions, begs to report that, in consideration of the increased labors of the Acting Regent, the sum of one thousand dollars per annum be paid him in addition to his regular salary for the time he acts as such Regent.

Respectfully submitted,

HENRY RAAB, } Committee on
G. R. SHAWHAN, } Instruction.

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

Resolved, That the pledge heretofore required of candidates for entrance to the University in regard to college fraternities be omitted, and that the subject of these fraternities be referred to the committee on rules.

A telegram from Professor DeGarmo was read, stating that he had accepted the presidency of Swarthmore College. This being taken as in effect a resignation by him of the professorship of psychology, it was

Resolved, That we learn with great regret that Professor Charles DeGarmo resigns his position of professor of psychology in this University, but that we feel constrained to accept the resignation, to take effect, however, December 31, 1891.

The matter of building the new dry house and lumber sheds was put into the hands of Professor Ricker and the Business Agent on motion of Mr. Raab.

On motion of Mr. Cobb, Professor Stratton was instructed to get bids for a new engine, such as was desired for the electrical laboratory, and to report the same to the Board at its next regular meeting.

On motion of Mr. Cobb, \$500 was appropriated from the metallurgical laboratory fund for the purchase of mineralogical specimens, the amount to be expended by the Business Agent and Professor Baldwin.

On motion of Mr. Shawhan, \$60 was appropriated from the U. S. fund for the purchase of tools for class use in the geology and mineralogy classes, the amount to be expended by the Business Agent and Professor Rolfe.

On motion of Mr. Cobb, it was voted that appropriations be made as follows:

From U. S. fund.....	\$430 00
From state appropriations for shops.....	241 00
From state appropriations for apparatus and material.....	30 00

these amounts to be expended by Professor Ricker and the Business Agent in the purchase of tools, lathes, and a drawing board, as asked by the Regent, on Professor Ricker's recommendation.

On motion of Mr. Raab, \$700 was appropriated from the U. S. fund for the purchase of a Burkhard's Thomas's computing machine and of apparatus for the college of engineering, as requested; the amount to be expended by the Business Agent and Professor Ricker.

On motion of Mr. Raab, \$2,000 was appropriated from the U. S. fund for the purchase for library of books useful in "instruction in agriculture, the mechanic arts, the English language, and the various branches of mathematical, physical, natural, and economic science, with special reference to their applications in the industries of life."

For chairs and other furniture needed in the Regent's office and the University parlor, \$150 was appropriated from current funds on motion of Mr. Raab.

On motion of Mr. Graham, \$50 from the U. S. fund was appropriated for making wax models of fruit.

On motion of Mr. Raab, \$460 was appropriated from the U. S. fund, and \$300 from current funds to meet the requests of the chemical department, to be expended by the Business Agent and Professors Palmer and Parr.

For the purchase of additional apparatus and a set of bridge joints for use in the department of civil engineering, \$955 from the U. S. fund was appropriated on motion of Mr. Raab, to be expended by Professor Baker and the Business Agent.

It was voted that, in view of the publication made in the catalogue, it would not be just to change the amount of the music fees for this year. The Committee on Instruction was directed to confer with Miss Kimball, instructor in music, and report to the Board at the next regular meeting what changes should be made in regard to music in the next catalogue.

The matter of a sidewalk on the south side of Green street was referred to the Committee on Buildings and Grounds for investigation, and report at the next meeting.

The Board voted that the University should make an exhibit at the World's Columbian Exposition, and that the matter of outlining such exhibit and determining its character and extent be referred to the Faculty, to be reported upon at the next regular meeting of the Board, or to the Executive Committee of the Board, if necessity should arise for earlier action.

Paper A, submitted in the report of the Experiment Station, was referred to the Committee on Finance.

On motion of Mr. Shawhan, the report of the Agricultural Experiment Station was approved for record, and appropriations of Station funds were made as asked in that report.

The matter of securing a professor of mechanical engineering was referred to the Regent and the Committee on Instruction, with power to act in conjunction with Executive Committee of the Board.

Authority was, on motion of Mr. Cobb, given to the committee in charge of the construction of the farm barn, to use any surplus of the \$3,500 appropriated for this purpose in the construction of sheds, and other buildings needed as adjuncts of the barn.

The Committee on Finance submitted the following reports, which were approved for record:

URBANA, ILL., September 8, 1891.

To the Board of Trustees of the University of Illinois.

GENTLEMEN: Your Finance Committee, to which were referred the statement of the receipts and expenditures of the Agricultural Experiment Station for the year ending June 30, 1891, and the Treasurer's warrants No. 737 to 1,021, inclusive, reports that it has examined the same and finds them correct, and that the receipts have been \$15,090.00 and the expenditures \$15,090.00.

Respectfully submitted,

WM. W. CLEMENS, }
NELSON W. GRAHAM, } *Finance Committee.*

URBANA, ILL., September 9, 1891.

The undersigned, your Finance Committee, having examined the Treasurer's report bearing date September 8, 1891, showing by topics or subjects the disbursements and the receipts from June 1, 1891, to August 31, and finding no error recommends its approval.

To facilitate comparisons between reports and warrants and vouchers we suggest that financial reports contain references, by figures, letters, or characters to be endorsed on such warrants and vouchers identifying them with the topics in the reports; and that reports be accompanied with such arrangements of the warrants and vouchers, or an index referring to them, as will simplify comparisons by the committee.

Respectfully submitted,

WM. W. CLEMENS, }
NELSON W. GRAHAM, } *Finance Committee.*

The Finance Committee returned the library statement approved for record.

On motion of Mr. Cobb, the matter of heating Military Hall was referred to the President, Professor Ricker, and the Business Agent, the work to be done within the limits of the state appropriation.

On motion of Mr. Graham, it was voted that the Regent be authorized to employ such assistance in his office as he needed, and \$40 a month was appropriated for the same.

Adjourned.

W. L. PILLSBURY,
Secretary.

S. A. BULLARD,
President.