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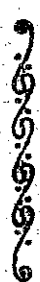
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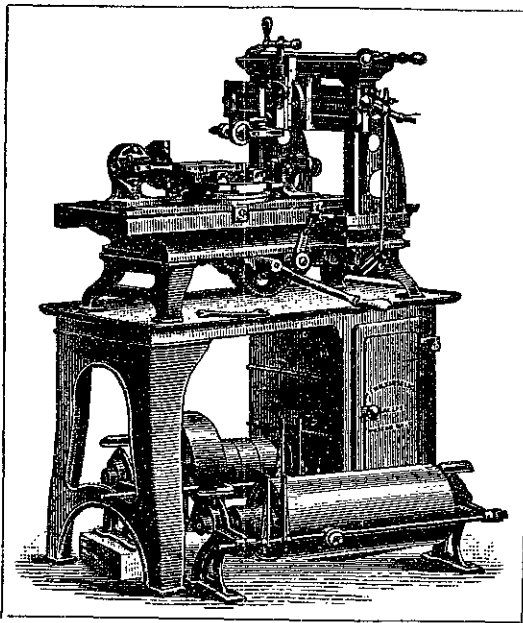
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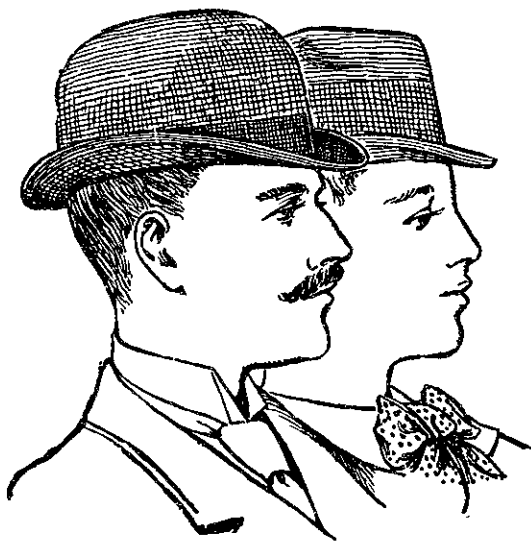
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The Tech.

VOL. XII.

BOSTON, APRIL 20, 1893.

NO. 27

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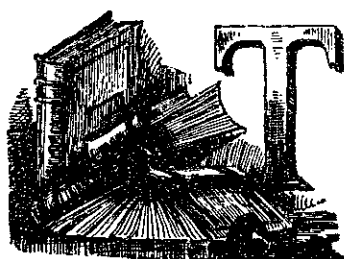
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For the benefit of students THE TECH will be pleased to answer all questions and obtain all possible information pertaining to any department of the College.

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THE TECH regrets that it must expose itself to the charge of inconsistency. That charge will appear deserved by many who will read this editorial, and a word of explanation is therefore necessary.

The issue of last week contained an expression of sentiments from which the opinion of the Board of Editors differs considerably. It is unfortunate that this latter opinion had no opportunity to find expression until after the appearance of the issue, when what was done could hardly be undone; but such is the fact.

What the Board, as a whole, wishes to condemn, is the comment made in nearly all the departments of the paper on the recent "Technology Assembly." Such an affair cannot, from its very nature, represent Technology.

And toward minority ideas and undertakings THE TECH can only show itself a well wisher, in case the Board of Editors consider the object worthy of their assistance or encouragement. THE TECH, when this affair was first proposed, expressed its hopes that it would prosper, and there it was the desire that the matter should rest. To deserve the extended notice which was bestowed upon it, it should have been entered into with a will by the whole mass of Technology.

The Board considers the general tone of the comment which was made in the last issue,—the comment of a minority,—as in very poor taste, and it is a source of greatest regret that that issue should not have been revised according to custom.

THE TECH considers that its professions as a publication in the interests of our whole student body have demanded these remarks. We wish to discourage nothing of value to Technology's interests, though it should emanate from but one man. But it is unjust to other undertakings, in which the college may be interested, to devote so much space to anything promoted by only a few as was devoted to this affair.

THE recently acquired Winslow Rink has passed from our control, temporarily at least, and may soon be leased for several years. This, though expected, indeed having been anticipated when the purchase was made, is to many a source of keen regret. No doubt the Institute needs badly the income to be derived from the lease—a matter of nearly \$13,000—and yet there were many purposes to which the property might have been devoted for the betterment of the Technology world. As an addition to the gymnasium, or

as a gymnasium itself; as a place for indoor tennis and indoor running; or, with more outlay, as the additional space required for a student reading room, for club headquarters, for the day storing of bicycles,—luxuries, perhaps, but surely not far removed from necessities,—for any of these uses the rink would have been invaluable.

But even more urgent than these, a thought too chimerical perhaps to be for an instant entertained, came the suggestion of the untold benefit that would have followed the employment of this property as a Technology restaurant, a place where Technology men, and they alone, might find a place to board.

It does indeed seem as though the first addition to the Institute buildings must be on the land at present vacant, for the rink would have to be entirely torn down to be at all useful to Technology for any purposes other than those mentioned. However, some enlargement must soon be forthcoming; meantime, all we can do is to ascertain our most pressing needs, and the best means of relieving them in the limited space that must be our lot even with another building.

COMMUNICATIONS.

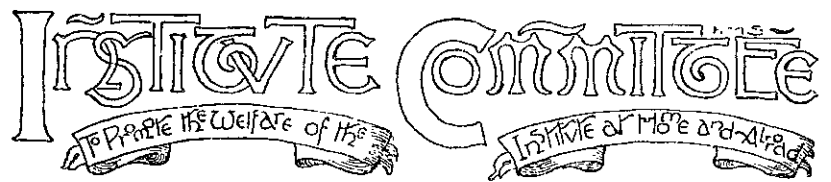
The Editors do not hold themselves responsible for opinions expressed by correspondents.

TO THE EDITORS OF THE TECH:—

The usual question appears on the Statistician's circular this year,—that asking who is the most popular man. I should like to know if he (the Statistician) wants each member of the class to vote for whom he thinks is most generally popular in the class, or for the man who is most popular to him individually.

'93.

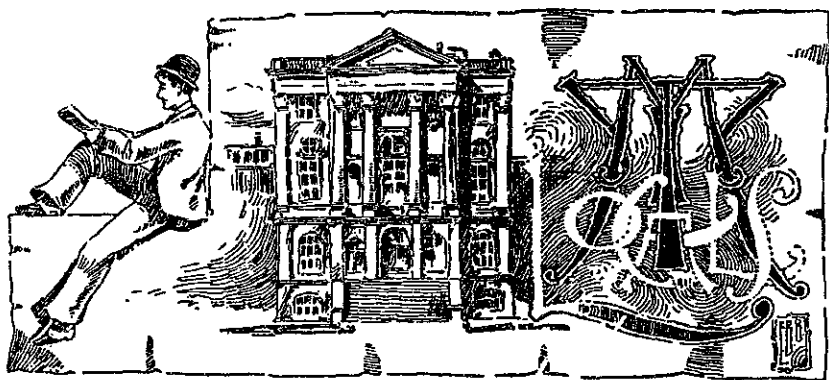
[As a man can scarcely be called "popular" when liked by one person, or even by a small percentage of the class, we must naturally understand the statistician to mean the man generally considered most popular. This an interview with the statistician has shown to be the case.—ED.]



THE regular meeting of the Committee was held on April 11th. The committee on "Tech pins" reported that the Boston jewelers are all anxious to make the pins, but are averse to originating the design. It was therefore decided to solicit competitive designs from the students of the Institute. From these the Institute Committee will choose one, which will be authorized as the correct "Tech pin."

A letter from Mr. John L. Shortall, Secretary of the Northwestern Alumni Association, was read. Mr. Shortall described the rooms to be used as Tech headquarters in Chicago. They are Nos. 1256 and 1258 Michigan Avenue. He requested that the Institute Committee decide on the weekly reunion day. Wednesday afternoons and evenings were chosen. On these days all Technology men who are in Chicago will be expected to make an especial effort to meet at the headquarters. A class and index register will be kept there, in which every Tech man is to register his name, place of residence in the city, and the intended date of his departure from the city. In addition to this, any special bulletins can be posted. During the summer a large banquet will be held, the date soon to be settled upon.

The matter for the students' exhibit at the World's Fair is being rapidly collected. Mr. C. W. Dickey was made chairman of the committee which is superintending the work. Any suggestions on the subject, or any photographs, dinner *menus*, or other objects of interest, should be left with him at the Cage. Photographs of the students in the different courses are especially desired. The time which can be allowed for the collection and compiling of this matter is very limited, therefore all contributions should be made immediately.



J. O. DeWolf, '90, spent the greater part of Monday, April 3d, at the Institute.

What an appetite! Professor F. does not want from any one in Descript. less than a plateful of errors.

Mr. A. C. Turner, Course IV., starts for Chicago this week. He expects to dodge the crowd, if possible.

Mr. R. K. Sheppard, '94, will have charge of Technology's exhibit at Chicago from its opening to August 1st.

"How thankful we should be that 'beautiful Wellesley' is so near! Many of us certainly do appreciate our blessings—on Monday evenings."—'96.

The three-inch Worthington water meter, presented to the Institute by Mr. Worthington, has been set up in the M. E. laboratory and is being tested.

We are glad to learn that Frank E. Perkins, '92, was a successful competitor at the recent entrance examinations at the Ecole des Beaux Arts, Paris. Hugh Tallant, Harvard, '91, is also of the number.

The Freshman nine played the initial game of the season with Andover, on Saturday last. Considering the superior training and practice of the Andover team, the score was one which cannot be despised.

President Walker was prevented from addressing the class in Political Economy last week on account of illness. It is expected he will be able to deliver his lecture on "Free Coinage" sometime this week.

THE TECH and "Technique" Boards and the Institute Committee have been photographed for the "Portfolio." All other organizations desiring to appear in it should hand in their pictures at once.

Three water meters are being tested in the mechanical engineering laboratories, as a part of the regular work. Messrs. Blake and Gorham have also made a series of tests upon these and other water meters, this being their thesis work.

Mr. G. W. Crockett has left the Institute to accept a position with the firm of Peabody & Stearns, Architects. Mr. Crockett is the second student to leave the architectural department within a week, both to fill responsible positions.

In German recitation: "Und die treulichste Versicherung, dass wir uns von Grund aus liebten."

R. B. A. translates: "And the earnest assurance that we loved ourselves from the ground up."

Two most interesting lectures were given last week to the Senior and Junior civils by Mr. E. P. North, of New York. Mr. North is an eminent highway engineer, and a man of large experience. He proved to be, also, a very entertaining lecturer.

Not long ago an under classman was showing some friends around the M. E. laboratory. Passing one of the large friction brakes, from which cooling water was flowing, he explained that that was "a machine for weighing the water as it flowed through."

The junior chemists and chemical engineers visited the Merrimac Chemical Works at South Wilmington, last Friday. The most unique and enjoyable feature of the trip was a very scientific and exhaustive quantitative analysis of a neighboring bake shop.

Wr-y (reporting on Australian races): "The Australians make use of a blow-pipe six feet long through which they blow poisoned arrows when hunting."

Prof. (after amazement has ceased) : "What magnificent cornet players those Australians would make !"

The concert given last week Wednesday by our Glee and Banjo Clubs at Melrose Highlands, was in every way a success. The local papers could not praise it too much, and endeavored to prove that Technology cannot be too proud of its musical organizations.

An audible smile swept the Physical Geography class as Professor Niles read the following clipping from a well-known daily : "The usual velocity of the Gulf Stream is about three miles per hour ; sometimes, however, it attains the velocity of fifty miles per hour. This furious velocity imparts to the stream the appearance of an enormous sheet of fire."

The prospects of the Freshmen for having an annual drill seems to be wavering just at present. Unless such an affair can be made an unqualified success, it certainly ought not to be undertaken. As the matter now stands, on account of former absences (now in large measure checked) and general indifference, the battalion is somewhat below the standard which it should have attained in the sixty drills already passed.

About a dozen members of the class of '92 met in Room 22, Rogers, on Wednesday, April 12th. Mr. Severance Burrage was chosen temporary chairman. A committee of three, consisting of Messrs. George V. Wendell, W. Spencer Hutchinson and Louis Derr, was appointed by the chair to arrange for the permanent organization of the class ; also to arrange for a class meeting and dinner to take place about the first of May.

Great preparations are being made for the World's Fair. The exhibit from the mechanical engineering laboratory takes an original and ingenious form. The details of the different pieces of apparatus are arranged in large portfolios ; each machine being represented by

an explanation, a photograph, a sample log and blank, and a record of a series of tests. The photographs form an interesting exhibit by themselves, and the photographer may well be praised for the high quality of work shown in them.

The Sophomore class held a meeting Friday noon for the discussion of an Institute dinner. In spite of the lateness of the season a committee of Messrs. Harbaugh, Lawson, and Leber was appointed to look up the matter and report on the feasibility of the project, the class voting to bear their share if any deficit occurred. On the troublesome subject of a class emblem, Messrs. F. W. Fuller, Masters, and Lothrop were appointed to arrange among the local tradesmen for class canes to be furnished to members desiring them.

On a Western railroad, the engineer in charge of construction gave to his subordinate the line through a three-mile cañon. The subordinate, although reporting that the three miles would certainly be washed out some day by a cloud burst, was ordered to go to work according to the survey. Last June the cloud burst came, washed out the three miles of road, and stopped all travel for six weeks. The chief was roundly censured, while the subordinate, from an early class of our Mining Course, received the recognition deserved. Thus is knowledge always power.

The class-day assessment this year is to be eight dollars. The collection will be under the supervision of H. W. Alden, treasurer of the committee, and all '93 men, regulars and specials, should, if possible, respond. Six invitations to everything but the reception will be given each subscriber, together with six tickets for the class-day exercises in Huntington Hall, and probably six tickets to Trinity Church for the Baccalaureate sermon, Sunday afternoon. Besides the above, three tickets will be given each subscriber for the evening reception, admitting himself and two others.

Professor Miller and Mr. Johnston have recently been using a new and original method for testing anemometers. The air for the test is furnished by an air pump, of which there are two in the mechanical engineering laboratory. It is first passed through an orifice of known size, and is then conducted through a pipe to the anemometer. The quantity of air is calculated by the formula for the flow of air through an orifice, and thus a direct comparison with the quantity shown by the anemometer is possible. It is expected that the perfection of the principle in use here will yield many valuable results.

The third and fourth year architects have been given a memorial tablet to design. The best design will be executed in bronze, and placed upon a wall of the physical laboratory. The inscription will read as follows:

The Rogers Laboratory of Physics,
established 1869.
The plan of
a physical laboratory
for the purpose of instruction
originated with
William Barton Rogers,
a founder of
The Massachusetts Institute of Technology,
and was first developed
in this institution.

This year, the third year engine tests are recorded upon a new log, arranged by Prof. Miller. It contains fifty-four columns for results, besides numerous other data. In spite of the great amount of writing required, it is found that it can be completed in the time allowed for the test. It is interesting, in these engine tests, to watch the instructors shift the engine from condensing to non-condensing without shutting down. 'Tis not so difficult as one would imagine, either,—shut the steam off from the condenser, and then when the pressure in the pipes gets up to the pressure of the atmosphere, open the outboard valve.

The third annual meeting of the Electrical Engineering Society was held April 11th in 22 Walker. S. E. Whittaker, '93, read an ex-

cellent paper on "The Inverse Electromotive Force of the Voltaic Arc." J. E. Woodbridge, also of '93, followed with a talk on the "Carrying Capacity of Wires," finding occasion to melt wire of various kinds, insulated and un-insulated, ranging from No. 36 Brown & Sharpe to No. 0, or ordinary trolley wire. This was accomplished by means of a welding transformer, kindly loaned the society by the Thomson Welding Co. A 1300-scale Aumeter from the General Electric Co., also was used. The meeting was well attended, there being about fifty present. The next meeting will be held near the end of April.

Circulars descriptive of the proposed trip to Chicago by special "Tech" steamer have recently been issued, giving details of route, expenses, time, etc. The steamer Cadet is about 100 feet long, and will accommodate comfortably the number desired. She will be specially fitted up for the trip, will exhibit prominently our colors, and cannot fail to be a source of pride to Tech men. While at the fair it is proposed to give several receptions to Technology men on board the steamer, her spacious promenade deck offering plenty of room for such occasions. We cannot refrain from commending the generous and disinterested spirit of the originators and projectors of this plan. They are put to the very considerable trouble, annoyance, and risk of the undertaking, and beside pay their full share of the expenses like their fellow voyagers. This is generous and conscientious.

The annual meeting of the Co-operative Society was held in Room 21, Rogers, on Saturday, April 8th. Reports were given by the president, secretary and treasurer. President Fowle called for a general discussion upon the advisability of amending the constitution so that one dollar might be the price charged for membership tickets, instead of fifty cents as at present. The reason advanced for this change was that more money in the treasury would be a very desirable thing in order that more scholarships might be given.

Following the meeting of the society, the annual meeting of the Board of Directors was held for the election of officers. The proposed amendment to the constitution mentioned above was defeated by a vote of four to two. The arguments against the amendment were that the primary object of the society is to provide reasonable discounts for the students, and that the giving of scholarships might be called a secondary object; also that the membership would be very materially decreased by charging one dollar instead of fifty cents for membership. P. K. Crocker and F. W. Coburn were elected members of the Board from '96. The election of officers then followed and resulted as follows: president, R. K. Shepard '94; vice president, E. H. Huxley, '95; secretary, H. A. Baldwin, '94; treasurer, I. B. Hazelton, '94. A vote of thanks was extended to the retiring '93 members, and especially to Mr. Fowle, who has served the society as an officer long and well.

Books.

The Library Department has collected ninety text-books and "notes" prepared at the Institute for its students, to be sent to Chicago. In this collection the various departments are represented as follows:—

Civil Eng. 9; Mechanical Eng. (including Sanitary) 21; Mining 5; Architectural 8; Chemistry (including Chemical Eng.) 11; Biological 2; General Studies 15; Geological 3; Mathematical 11; Miscellaneous 5.

Two hundred new books were received from March 30 to April 13.

We wish to call the attention of students to the *Engineering Magazine* in the Engineering Library. This publication includes departments of industrial chemistry, architecture, and electricity, as well as mechanics.

We also note the following magazine articles of special interest to "Tech" students:

GENERAL LIBRARY.

European Mining Schools. *University Magazine*, February.

Educational value of the Methods of Science. W. T. Sedgwick, *Educational Review*, March.

ENGINEERING LIBRARY.

The Industrial Problem in Australia. *Engineering Magazine*, April.

Electricity and our Coast Defences. *Cassiers Magazine*, March.

GENERAL STUDIES.

Cost of Silver and the Profits of Mining. *Forum*, March.

Spain at the World's Fair. *N. A. Review*, March.

The Organization of Labor (Gen. Master Workman of the Knights of Labor). *Chautauquan*, April.

New York after the Revolution. *Mag. of Am. Hist.*, April.

We note the following of special interest:

ENGINEERING LIBRARY.

Traité mathématique et pratique des opérations financières. Leon Marcis.

CHEMICAL LIBRARY.

Public Health Problems. J. F. J. Sykes.

BIOLOGICAL LIBRARY.

Transactions Epidermological Society of London, 1881-91

PHYSICS LIBRARY.

Modern Mechanism, Park Benjamin.



A communication was recently received by Harvard, from the Oxford crew, in answer to the Yale-Harvard challenge for an international boat race. It stated that as most of the Oxford crew spent their vacation as tutors, it would be hardly possible to get them together for a trip to America, but, should the proper inducements be offered, that an international race might be perfected.

The game between '95 and the Boston Latin School, which was played on the clover field last Wednesday afternoon, resulted in an easy victory for '95, the score being 32-10. The condition of the grounds, no doubt, accounts for the large score and general loose playing; but it can easily be seen that '95 has some men who know how to use the bat with good effect.

The team went to Southboro, Mass., last Saturday to play the St. Mark's School nine of that place.

A meeting of the Athletic Club was called by President Lord on Saturday, April 15, in Room 11. The constitution was amended to the effect that the vice president be a member of the executive committee, thus making eight members composing this committee, instead of seven as heretofore.

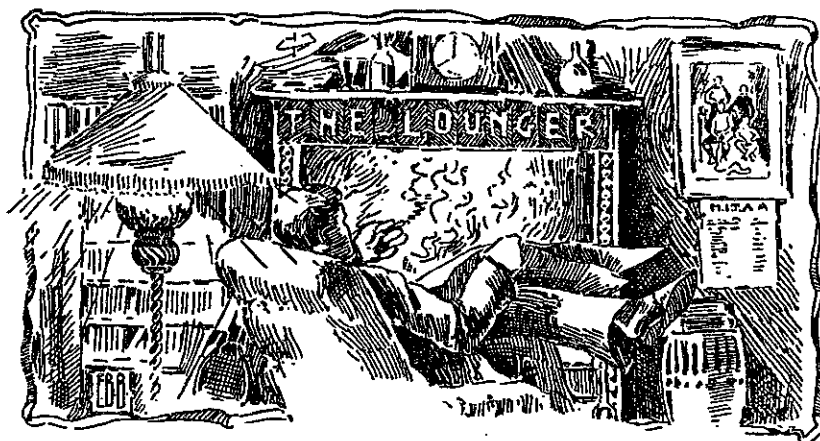
President Lord spoke to the club regarding the advisability of forming a track athletic team and allowing members of it only to wear the T. After discussion by Messrs. Dickey, Andrews, Hurd, and Thomas, it was moved and carried that such a team be formed and that the particular scheme of forming the same be left with the executive committee.

Schedule of Tech, '95, Baseball Team:—

April 6.	Cambridge H. and L.	Postponed, rain.
April 8.	C. M. T. S.	Postponed, rain.
April 12.	B. L. S. at Clover Field,	32-10.
April 15.	St. Mark's, at Southboro,	rain.
April 19.	C. M. T. S., at Cambridge.	
April 22.	Newton H. S., Newton.	
April 24.	Harvard '95, at Cambridge.	
April 26.	Open.	
April 29.	Medford A. A., at Medford.	
May 1.	Harvard '95, at Congress St. grounds.	
May 3.	C. H. and L., at Cambridge.	
May 6.	Open.	
May 10.	St. Mark's, at Southboro.	
May 13.	'95-'96, South End.	

The schedule of Harvard baseball games which will be played in Cambridge is as follows:—

April 24.	Amherst.
April 26.	Dartmouth.
April 27.	Dartmouth.
May 1.	Tufts.
May 3.	Lowell.
May 10.	Chicago Athletic Club.
May 15.	Brown.
May 22.	Cornell.
May 24.	Amherst.
May 30.	Princeton.
June 1.	Georgetown University.
June 3.	Yale Law School.
June 6.	Holy Cross.
June 12.	University of Pennsylvania.
June 14.	University of Pennsylvania.
June 15.	University of Vermont.
June 22.	Yale.

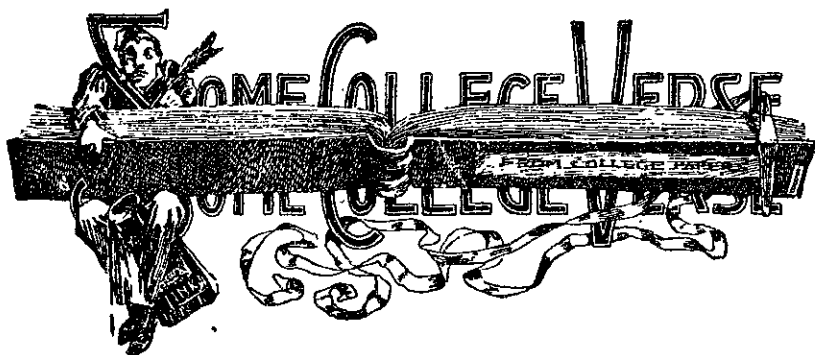


As the Lounger dropped into his chair for his weekly contemplation, he appealed to his silent companions for inspiration. Macaulay's "Lays of Rome" greeted him with "that may be, on the whole, an improvement." Meaningless phrase! He dropped the book, and reaching for Carlyle's perceptions, read, "Seldom had man such a talent for borrowing." Ah! 'tis the lead-pencil fiend, quoth he, and pondered. But no! Once more he partook of an invigorator, and in Longfellow found, "I must confess to something still more strange." What gaunt imagining was this! He hurriedly turned a few more pages, and read, "He hath degraded his art into a handicraft." Through his brain shot phantoms of shocking Seniors, bar-keeper militiamen, fierce historians, and presumptuous females of the squaw variety. "I have it," said he, at last, "'tis the '94 'Technique'." At that moment, from his latest novel his eye caught the words, "if it pleaseth thee it pleaseth me," and bowing to the wand of Fate, the Lounger turns to wider fields and untrodden paths.

Speaking of paths reminds one of glory, and this smacks of poets. In these the Lounger has lately become interested. Not in the well-known five-dollar gilt-edged poet, but in the meek candidates for gubernational honors, who chew their pencils for fleeting forms to haunt the unwary reader. In those who, though they may be poets none the less, do not as yet ascend to airy heights in fancy free, but with Saint Cecilia draw the angels down. To these the Lounger would say in patent medicine language,—beware of imitations. At best there are but flitting shadows of effervescent powers beyond. No; make it straight and short, and we will extol thee.

The time seems ripe for the Lounger to express himself over the much-mooted lunch question. Yea, verily, then, if the Lounger had it his way there would

be no lunch room, and hence no question. For years it has been his fate to behold the greedy crew crowd and cram around the festive board, while the waiting maids pursued their unmolested way within the pale. But as we must eat, "it would seem that the Faculty" have been indeed slow to apply their interest in testing machines to intestinal ones. The lunch room officials appreciate the almighty dollar with the rest of us; and, above all, do the chair-tilting, grub-grabbing students render oppressive the steam-laden atmosphere ascending the spiral. Here are "eleven hundred students" (!*†?; [-]!!) who alternate from Priest's to the "lunch" room, from boarding houses to "tin lunch pans," and yet the sticker remains. What an opportunity for capitalists! Even the Lounger is tempted to borrow a few scents, erect a commodious train shed, and dispense hash sandwiches, string croquettes, froth pies, water milk, salt and crackers to the groaning multitude.



HER POSTSCRIPT.

A postscript she wrote
At the end of her letter.
'Twas but a short note,—
A postscript she wrote,
On her postscripts I dote,
(Ten pages or better!)
A postscript she wrote
At the end of her letter.

—*U. of P. Courier.*

SHE SAYETH "NO."

She sayeth "No,"—my lady fair—
And lightly laughs at my despair.
She quick evades my least caress,
Nor grants to me a single tress
From out her wealth of golden hair,
Yet to her cheeks creeps crimson rare,
When I for her my love declare.
But while her blue eyes tell me "Yes,"
She sayeth, "No."
The maid well knew I would not dare
Try to escape her gentle snare.
And, if I really must confess,
I own I trust her lips far less
Than her blue eyes beyond compare.
She sayeth "No" —*Dartmouth Lit.*

AND SO DID I.

Before the fire, that winter's night,
None seemed so sweet as she,
With winning smile, and dark eyes bright,
And playful repartee.
The dancing light—as 'round it flashed
To her seemed drawing nigh—
Her slender waist pressed unabashed;
Thus guided, so did I.
It softly touched her cheeks aflame.
I scarce repressed a sigh.
It touched her lips. Dared I the same?
Too tempting; so did I.
Her ruby lips half-pouting seemed
My boldness to decry.
Pa's step was heard. The flame scarce gleamed,
Went out—and so did I.

—*Dartmouth Lit.*

TO BE, OR NOT TO BE.

Tell me, darling, if I asked you
Now, to be my wife,
Told you that I loved you madly,
More than my own life;
Would you answer 'yes' or 'no,' dear?—
Hopefully I stood,
But I wonder which she meant by
"Well, I think I would."

—*University Cynic.*

WHY?

The list of inconsistencies
It seems is never done;
Now, why should colors be called "fast"
Whene'er they never run?

—*Lehigh Burr.*

A STOLEN GLANCE.

I sing of the grace of a fleeting face,
And the charm of a hurried glance,
Of a form so neat, and a smile so sweet,
In the maze of the whirling dance.
I see her alone, then the vision has flown,
And the music grows dreamy and low;
The gay flashing light is not half so bright,
And my heart-beats are heavy and slow.
But my heart I conceal, till once more do I feel
The magical charm of her glance;
For she blushes so sweet, as our eyes again meet,
In the maze of the whirling dance.

—*Brunonian.*

Her hair as airy forms doth take
As wind-clouds in the skies;
A clear, unfathomed mountain lake,
The depths of her tender eyes.
Why is it then that I love best
Her hand so soft and fine,
And seeing it forget the rest
In wishing it was mine?

—*Harvard Advocate.*



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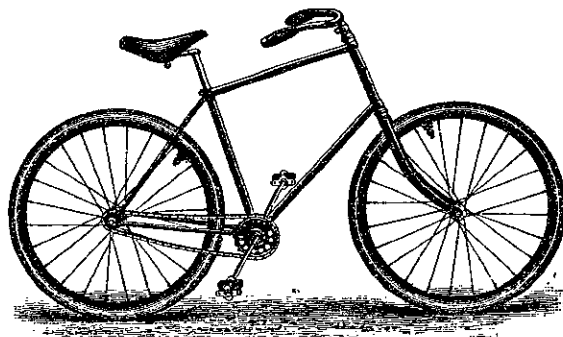
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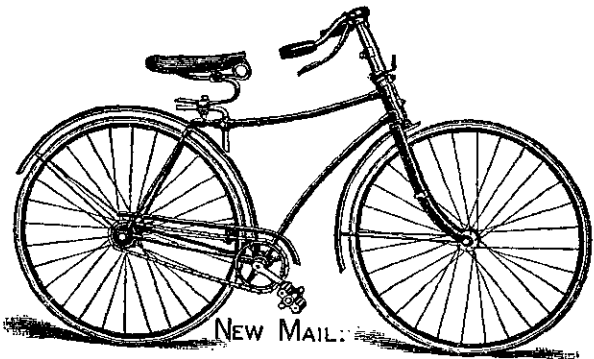
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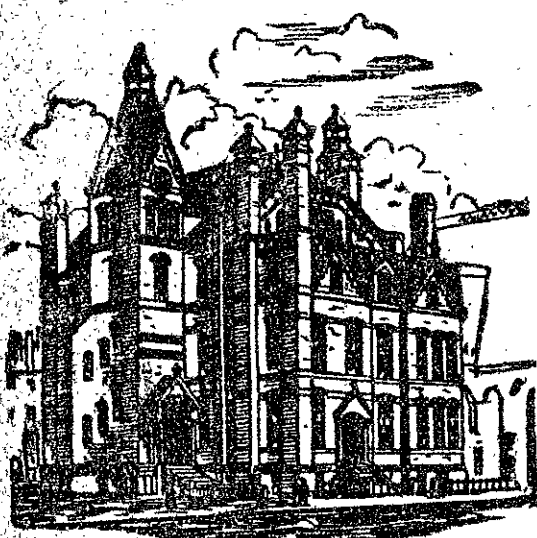
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