

THE TECH

VOL. XXXI. NO. 46

BOSTON, MASS., SATURDAY, NOVEMBER 18, 1911

PRICE TWO CENTS

KOMMERS DINNER TO BE HELD DECEMBER 2

Department Managers Will Tell of Work in Their Branches.

Preparations for the sixth annual Kommers dinner of the Show are now well under way. The dinner this year will be held on Saturday evening, December 2, in the Union, and bids fair to be one of the best ever given.

All the men in the Institute are invited to attend this dinner, and because of this fact the Kommers is one of the largest annual affairs held in the Union. Tickets are to be obtained at the very nominal price of 50 cents, from any one of the Show management, in the Show office, Room B, the Union, or at the Cage. It is hoped that many men will be present and help make this year's dinner a record one.

The primary object of the Kommers dinner is to give the men at Technology an idea of what the Show is, its workings and management, and what the production means to the Institute. Herein lies a great opportunity for the Freshmen, especially to inform themselves of these facts. Many of them as yet know very little of the various student activities, and here is the chance for them to become acquainted with at least one.

General Manager H. L. Woehling will act as toastmaster, and in the course of his remarks he will make known some of those facts which will vitally concern the welfare of Tech Show, 1912. Among these he will announce the various trips that will have been planned for next spring, and will also at this time open the envelope that contains the name of the man who has been the author of the successful hock which will have been chosen as the basis of the Show.

In addition to this, the managers of the various departments will speak of the progress of the work in their respective branches.

Negotiations are also being made to have various members of the Faculty and Coach Eugene Sanger of last year's Show present. The professors will present the relation of the Show to the Institute work, while Mr. Sanger, who is a very interesting speaker, will speak of his experience in the course of his long and varied theatrical career.

CHEMICAL SOCIETY.

Prof. Norton's Lecture to Be Repeated Tuesday Night.

Next Tuesday the Chemical Society will gather for a meeting and a lecture on "Some Refractory Substitutes for Wood," to be given by Professor Norton. The uses of asbestos board will be well explained in this talk, for Professor Norton has made a specialty of this substance. This talk was heard by the few engineering men who attended a former lecture in Chipman Hall, and they say it is well worth hearing.

The members will also be served refreshments at the end of the lecture, for which they will be asked to pay a quarter. If one can judge by the enthusiasm with which his lecture was received last Wednesday night one can say that the meeting next Tuesday, at 7.30, will be a great success.

CIVIL ENGINEERS VISIT LARGE FACTORY

C. L. Berger & Sons' Instrument Factory Inspected During Operation.

The postponed trip of the Civil Engineering Society to the factory of C. L. Berger & Sons took place yesterday afternoon. The men went in two parties, the first, composed mainly of Seniors, leaving right after lunch; the second, composed of Juniors and Sophomores, leaving about 3 o'clock.

Upon arriving at the factory each party was met by a member of the firm, who personally conducted the fellows through the whole establishment, from machine shop to "japan room." Every process in the manufacture of high-grade surveying and astronomical instruments was gone over and described, and an opportunity given for everyone to have all his questions answered by an expert in the business.

Among the most interesting machines shown were an apparatus for engraving the numbers on the various circles and plates (which works on the principle of the pantograph), and the four dividing engines for subdividing the circles of the instruments. One of these engines was made by a famous London manufacturer over a hundred years ago, and is used only for dividing compass circles. Where great accuracy is necessary the more modern machines, one of which cost about \$9,000, are used. It takes this machine from three to four hours to complete the division of one circle into twenty-minute spaces.

The trip was well worth taking, and the firm did all in their power to give the members of the society an enjoyable as well as instructive afternoon.

VARSITY RELAY TEAMS.

Majority of Men of Last Year's Crack Teams Available.

It is nearly time for candidates for the Varsity relay teams to report. The reports look good for crack teams this year with so many of the men left from last year, and the speedy Sophomore and Freshman relay teams to draw from. Coach Kanaly is giving the entering classmen road work twice a week, with the Hare and Hounds' runs every Saturday. A splendid opportunity is offered for the rest of the bunch to join in and get the soreness worn off.

From last year's one-mile relay teams R. C. Thompson, 1913, and T. H. Guething, 1914, are available. Thompson has been taking regular work out at the field all the fall and looks to be in good condition for the winter. Guething showed that he has improved over last year by his performances in the fall handicap meet and the class relay races. R. D. Sampson, 1913, E. T. Marceau and E. B. Germain, 1913, are left to the two mile team. Both Marceau and Germain have shown well with the cross-country and each man won his event at the fall meet. Oettinger, who was on the team in 1910, is back and will be a good man to draw on. With these as a core to build around the Tech teams should be such that will vanquish every rival.

MR. BAKER GIVES INTERESTING TALK

Excellent Description Given of Uses of Electric Vehicles.

Last evening the Electrical Society members were much entertained by an illustrated lecture that was given by Mr. Day Baker, the New England manager of the Electric Vehicle Company.

Mr. Baker not only had a great many interesting slides of commercial wagons and trucks, but also had two long films, one of which pictured the parade of electric vehicles that occurred on Memorial Day, last spring, here in Boston. Many people were surprised at the large number that appeared in line, as it was not commonly known that there was so many electric business wagons in the Metropolitan district. As a matter of fact, however, Mr. Baker stated that only about half of these in actual operation here appeared in the parade. The other film showed trucks being loaded and unloaded at a number of New York City warehouses, that illustrated clearly the convenience and rapidity with which deliveries can be accomplished.

Mr. Baker explained that the War and Navy Departments of the United States government, as well as several large mercantile houses, of which John Wanamaker is a conspicuous example, had determined after tests extending over periods as long as three years, that all deliveries within a ten-mile radius of the distributing point can be made most cheaply by electric trucks. When the first stop is more than ten miles out gasoline machines are most economical.

Many concerns began to purchase small numbers of machines about ten years ago, most of which are still running today. This method of carrying goods has proved so economical that orders have continually grown until now a number of firms have more than fifty in operation. Strangely enough, among the earliest companies to change from horse-drawn to electric vehicles was the conservative house of Tiffany & Company, who have replaced a hundred and twenty-two horses by thirty-eight electric wagons. The latter occupy space in a building forty by seventy feet, whereas the original horse and wagon equipment required half a city block.

It is interesting to realize the great variety of uses to which electric are put. Mr. Baker showed slides of wagons used by cotton manufacturers, department stores, newspapers, express companies, railways, banks, hospitals and the police.

Besides Mr. Baker's talk new members were elected and the meeting adjourned for refreshments.

ORCHESTRA MEETING.

There will be a special meeting of the Orchestra Tuesday, November 21, at 4.30, in the Union. All the present members must attend, and it is desired that all those interested should come as matters of importance will be discussed. The welfare of the Orchestra will depend largely upon the attendance of this rehearsal. Several new pieces have been selected and will be tried out. A good list of dates is being prepared and will be published later.

TECH VS. B. A. A. AT ARENA TONIGHT

Captain Sloane Feels Confident of a Sure Victory in First Game.

Tonight, at 8 P. M., the Technology hockey team will open their season with a game against the fast B. A. A. team which won the Eastern championship of the United States last year. This game will afford a good opportunity to size up the team. The material this year has been both large in numbers and excellent in quality. Captain Sloane has instilled into the men the fact that they must work, and it is expected that they will put up a good exhibition. Everybody should be there and cheer until you can't talk. The more you cheer, the harder the team will play, and the more satisfactory will be the results. Last night the team played a short practice game with a team composed of members of the fast Colonials. Every man was given a chance to see what he could do, and the seven showed up well against this strong aggregation.

All the members of the B. A. A. team are Harvard players of recent years, and form a good combination which will be a hard proposition to beat. The probable lineup of both teams at the start will be as follows:

Tech—Forwards, Hurlbutt, Sloane (captain), Stucklen, Storke; cover point, Elchorn; point, Lane; goal, Ranney (manager).

B. A. A.—Forwards, Leslie, Hicks, Hornblower, J. W. Foster; cover point, Windsor (captain); point, N. H. Foster; goal, Canterbury.

It is expected that a large number, if not all the candidates, will be given a trial before the game is over.

RECENT GIFTS OF ORE.

All Parts of World Contribute For Mining Research Work.

Gifts from various mining companies in all parts of the world come with reasonable frequency to the mining department and furnish a considerable portion of the material for the students' work. A ton of copper ore from a Jamaica mining company is one of the most recent donations, and when tests have been made the owners will be afforded the best possible way of getting full value out of their product. Several tons of gold ore from a South African company is another gift, and when such large quantities are sent means are furnished of investigating the special treatment that each ore may require.

CALENDAR.

Saturday, November 18, 1911.
2.00—Harvard-Dartmouth Football Game.
2.04—Hare and Hounds—North Station.
8.00—Cosmopolitan Club—Union.
8.00—Hockey Team—Tech vs. B. A. A.—Boston Arena.
Sunday, November 19, 1911.
2.00—Cross Country Walk—Wakefield.
Monday, November 20, 1911.
4.15—Glee Club Rehearsal—Union.
4.15—Gym Team—Gym.
5.00—Basketball—Gym.

TECH VS. B. A. A.---ARENA---8. P. M.

THE TECH

Published daily, except Sunday, during the college year by students of the Massachusetts Institute of Technology.

Entered as second-class matter, Sept. 15, 1911, at the postoffice at Boston, Mass., under the act of Congress of March 3, 1879.

Managing Board.

H. W. Hall, 1912.....General Manager
 E. W. Tarr, 1912.....Editor-in-Chief
 L. W. Chandler, 1912.....Managing Editor
 C. A. Cary, 1912.....Assignment Editor
 A. H. Waitt, 1914.....Chief News Editor
 A. T. Gibson, 1913.....Business Manager
 L. H. Lehmaier, 1913.....Adv. Manager
 P. G. Whitman, 1913.....Circulation Mgr.

News Board.

A. J. Pastene, 1913.....Institute

News Staff.

In charge of departments:
 E. W. Mann, 1914.....Athletics
 F. S. Somerby, 1914.....Societies
 Members:
 E. Steere, 1914.....M. A. Oettinger, 1914
 R. E. Barratt, 1914.....S. Zannetti, 1914

Business Board.

D. Van Volkenburgh, 1914.....Asst. Adv. Mgr.

Office, 42 Trinity Place.
 Phone—Back Bay 5527 or 2180.
 Night Phone—Back Bay 5527.

All communications should be addressed to the proper departments.

Subscriptions, \$2.00 per year, in advance. Single copies, 2 cents.

Subscriptions within the Boston Post-District and outside of the United States must be accompanied by postage at the rate of one cent a copy.

Printed by Rulter, 147 Columbus Ave.

SATURDAY, NOV. 18, 1911

IN CHARGE OF MONDAY ISSUE.

Associates—Belcher, Don, 1915; Mann, E. W., 1914; Oettinger, M. A., 1914.

Every man in the Institute who is a loyal Tech man will be found in the cheering section of the Arena this evening when the Tech Hockey Team opens their season with a game against the fast Boston Athletic Association team.

Last year the team was loyally supported by the undergraduates in every game, and the results were shown at the end of the season when M. I. T. came off a winner in a majority of the contests. Last year the B. A. A. team, under the name of the Boston Hockey Club, won out from M. I. T. by a score of 8-0. Tonight will give Tech a good chance to retrieve its lost honors and make a good start for a successful season.

The action of the House Committee in requesting the students to refrain from card playing in the Union during certain hours of the day is a good one. This seems to be the logical way of putting out of existence a "derogatory" evil. The men who are wasting their time in this form of amusement are those who can least afford to spare it in most cases, and it is hoped that all who indulge will accept the action of the committee and govern themselves accordingly.

It seems that there must be one hundred men in the Institute who care enough about sanitary conditions to accept the proposition of the House Committee in regard to issuing ticket books for individual towels in the Union. The paper towels were found to be too expensive for practical use last year, and this idea of having individual towels seems to be the logical way of solving the problem and having sanitary conditions in a sanitary school. Let us hope that the men will hand in their names to the committee at once in order that arrangements may be made for starting the new system at once.

CREW CANDIDATES.

All men who are interested in the crew will meet in the Union Monday, at 4 P. M. Coach Leary, who has had charge of this work last year, will address the candidates then on the work for the coming season.

TECH CHINESE RECEIVE BANNER

Symbol of Recent Debating Victory Over Amherst Arrives.

The Technology Chinese Student Club will be given a splendid opportunity to celebrate its recent victory in debate over the Amherst Club tonight at the meeting of the Cosmopolitan Club in the Union. The question debated was: "Resolved, that industrial development is more important for China than military achievements.

The Tech men won the decision over their opponents, and as a reward were recently presented with a large silk banner, upon which is written in Chinese characters the names of the debating class and the inscription of the Chinese Alliance. In the centre is the motto: "The virtuous will be sure to speak correctly, but those whose speech is good may not always be virtuous."

The following men are those who supported the affirmative side for the Institute club: Moo Ching Hou, captain; Chee Sing Hsin and T. C. Hsi.

HOUSE COMMITTEE HOLD MEETING

Decide to Request Suppression of Card Playing During Certain Hours.

The Union House Committee at its meeting yesterday noon decided to place on sale several copies of Technique, 1910, which are taking up valuable room in the "Cage." These books contain a complete life history of President MacLaurin and also many topics of interest in regard to the Institute. As these are to be sold for less than half the original price, it is expected that a large number of men will avail themselves of the opportunity of securing a copy of the largest Technique ever printed.

The Committee is considering the practicability of purchasing some new music for the Union. It is planned to get within a few days the score of several of the more recent comedies, including "The Pink Lady," "The Three Ramees," "Madam Sherry" and others.

In regard to the matter of towels which has been under discussion recently, it was found impracticable to return to the use of paper towels on account of the expense attendant to the use of the same. However, the Committee is able to announce that if one hundred men will agree to buy ticket books calling for a certain number of towels, paying cost for the same, arrangements will be made to that effect. By this arrangement each student could have his own personal towel at a small expenditure of money, and conditions would be sanitary. Under the present conditions the towels in the Union are changed twice during the day, so ten towels are available for use daily instead of five, as previously stated.

The Committee also request the co-operation of the student body in the carrying out of a suggestion in regard to the suppression of card playing between the hours of 9 and 12 in the morning, and 2 and 3 in the afternoon, excepting on Saturdays. Many of the students come to the Union during these hours for the purpose of studying, and it is manifestly impossible for them to do so with any degree of success if there are four or five card games in progress in their immediate vicinity, with the accompanying noise. It is not the desire of the Committee to make this rule to be strictly enforced, but it is hoped that the students will be considerate of the feelings of their classmates. Continued disregard of this request will necessitate the making of a hard and fast ruling in regard to the matter. Attention was also called to the unwritten rule which requires that hats be removed in the Union.

Special Announcement.

Due to the removal of my Boston store to 336 Washington Street, I am offering a discount of 20 per cent. on all orders received from now on until the middle of December—a great opportunity for any one who appreciates good clothes. All my woollens are of foreign texture.

Style and workmanship guaranteed of the best.

L. PINKOS, College Tailor

9 State Street
BOSTON

Harvard Square
CAMBRIDGE

HOTEL BRUNSWICK BOSTON

EUROPEAN AND AMERICAN PLANS

HERBERT H. BARNES, Proprietor.

STONE & WEBSTER

CHARLES A. STONE, '88 I.T.S. EDWIN S. WEBSTER, '88
 RUSSELL ROBB, '88 HENRY G. BRADLEE, '91
 ELIOT WADSWORTH, '91

Securities of Public Service Corporations
 Under the Management of Our Organization

STONE & WEBSTER
 Management Association
 GENERAL MANAGERS OF PUBLIC SERVICE CORPORATIONS

STONE & WEBSTER
 Engineering Corporation
 CONSTRUCTING ENGINEERS

COPLEY SQUARE HOTEL

HUNTINGTON AVENUE, EXETER AND BLADEN STREETS
 BOSTON, MASS.

Headquarters for Professional, College and Athletic Teams when in Boston.

360 Rooms. 200 Private Baths.

AMOS H. WHIPPLE, Proprietor

COBB, BATES & YERXA CO.

Have exceptional facilities for supplying hotels, restaurants, fraternity and college houses and large consumers of every sort.

222 SUMMER STREET

WHOLESALE ONLY

55 SUMMER STREET
 37 CAUSEWAY STREET
 274 FRIEND STREET
 6 and 8 FANEUIL HALL SQ.

Wholesale
 and
 Retail

Bak Grove Creamery Company

431-437 Boylston Street

Visit our New Lunch Room. Finest Food. Quickest Service

Open from 11.30 a. m. to 3 p. m.

Up One Flight

Elevator Service

Combination Breakfasts Special Lunches, a la Carte
 and Table d'hote Dinners

Street Floor

OPEN FROM 6 A. M. TO 8 P. M.

BOSTON OPERA HOUSE

HENRY RUSSELL, Managing Director

Monday, November 27, at 8 p. m.
SAMSON ET DALILA
In French. By Saint-Saens

Wednesday, November 29, at 8 p. m.
TOSCA
In Italian. By Puccini

Friday, December 1, at 8 p. m.
AIDA
In Italian. By Verdi

Saturday, December 2, at 2 p. m.
CARMEN
In French. By Bizet

GRAND OPERATIC CONCERT

At Popular Prices
SUNDAY, DECEMBER 3, AT 8 P. M.

A homelike, first-class hotel, proud of New England traditions, dating from Gen. Warren, yet newly furnished with every comfort & convenience

THE AMERICAN HOUSE
BOSTON

Long distance phone and hot and cold water in every room. Kept constantly clean by our vacuum plant. Rooms \$1.00 a day and up.

Barakian's Ideal Cafe

189 MASSACHUSETTS AVENUE

EUROPEAN PLAN

Combination Breakfasts
and Table d'hote Dinners

HOME COOKING QUICK SERVICE

Special Discount to Tech Students

\$2.25 for \$2.00 \$3.50 for \$3.00

OPEN 8 A. M. TO 8.30 P. M.

Lunch at...

CANN'S Sea Food

Broiled Live Lobsters
a Specialty

228 Massachusetts Avenue

OPEN FROM 6 A. M. TO 12 P. M.

DANCING

Miss ALICE B. DIAZ

24 Newbury Street, Boston

Telephone, Back Bay 3713M

SOCIAL and AESTHETIC DANCING

Class and Private Lessons

Teaching a Specialty

PRESTON'S Coffee House

OPEN ALL NIGHT

1036 BOYLSTON ST.
BOSTON

Telephone, 21717, B. B.

NEW CROSS-COUNTRY COURSE AT BROOKLINE

Cornell Is Favorite While the
Second Place Is Very
Undecided.

The Intercollegiate Cross-Country race will be held this year over the new Brookline Country Club course on November 25, the morning of the Harvard-Yale football game. A good six-mile course has been laid out which is said to be much better than the Princeton course, but is rather level. It has several advantages from the spectators' standpoint, as the first quarter and the last half is in view of the grand stand.

All the leading teams have now showed their hand except Dartmouth and Michigan. Up to date Harvard has beaten Tech, Yale and Princeton; Tech has beaten Brown; Cornell has won from Penn; Princeton beat Columbia, and Vermont has outrun Tufts and Bowdoin.

Cornell is the favorite for first place, but Harvard is sure to be close behind, with Tech, Michigan, Dartmouth and Penn to be reckoned with. The Tech team has made a lot of improvement since the Harvard race and showed up well in the Brown meet. Their system of bunching the team is sure to give good results, and although stars from other colleges will take the first few places, the Tech team, by finishing in consecutive order, should get a low score.

COSMOPOLITANS TO HOLD CHINESE NIGHT

Mr. Tsao to Talk on Revolution
—Chinese Music, Magic and
Refreshments.

The members of the Cosmopolitan Club and their invited friends will be the guests of its Chinese members, who will entertain in Oriental fashion tonight in the Union at 8 P. M. The program has been very carefully arranged, and it goes without saying that the entertainment will be the most interesting and amusing possible, as well as instructive.

The fact that our Chinese classmates are entertaining is sufficient to bring out a large attendance, for any one who was present "Chinese Night" last year knows what an enjoyable evening was spent by all. Every number on the program is to be a feature. Mr. Y. S. Tsao will give a talk on the Chinese Revolution, which will be illustrated with lantern slides of Chinese views. Mr. Tsao is a graduate of Yale, and won the oration there three successive years. There is no doubt but that his talk will be of the highest interest to all. In addition to this talk the club has arranged for some Chinese music, stereopticon views, magic and other features, peculiar to the Chinese. At the close of the entertainment Chinese refreshments will be served.

MUSEUM OF FINE ARTS.

Sunday, November 19, 1911.—Mr. William H. Kennedy will conduct a circuit through the galleries of the Department of Classical Art, beginning in the Archaic Room, at 2.30 P. M.

Mr. Francis Kershaw will meet visitors to the Exhibition of Pottery and Porcelain in the Court Gallery, the Japanese Wing of the Department of Chinese and Japanese Art, at 3.15 P. M.

Going to the hockey game?

The Freshmen won the class rush at Tufts in a pouring rain which was worse than our field day of last year.

See the Bursar if you lose your valuables. That does not apply to any money that you have bet on Harvard against Dartmouth or Yale.

Apollo

THE CHOCOLATES
THAT ARE DIFFERENT

FOR SALE AT THE UNION

"THE LITTLE PLACE
'ROUND THE CORNER'"

Copley Lunch

QUICK SERVICE

Lombardy Inn

Italian Restaurant...

Table d'Hote Dinner 5 to 8.30
A la Carte

STRICTLY ITALIAN CUISINE
ITALIAN WINES

BOYLSTON PLACE
Near Colonial Theatre
BOSTON, MASS.

Telephone Oxford 2948



Are worth an acquaintance. They possess all the good points.

Hygienic methods, skilled workmen, and the choicest material—briefly tell the story of their manufacture. Give them a trial and you will surely make a friend.

Samoset Chocolates Co., Boston

FACTORY TO WEARER
THE SPHINX HAT
\$2.00
THE MALLORY CRAVENETTE
\$3.00
30-BOYLSTON-ST-BOSTON

SPECIAL ATTENTION TO TECH MEN

M. J. HANNIGAN

Hotel Westminster Barber Shop

MANICURING

COPLEY SQUARE, BOSTON

Telephone, Back Bay 41030

Richards School of Dancing

30 HUNTINGTON AVE. (RICHARD'S HALL)

Lessons by Appointment Only

Receptions Friday Evening

Tel. 4475—M. B. B.



THE man behind a COLT can look calmly at danger because he knows he has the advantage. There's satisfaction in feeling secure.

For three-quarters of a century "the man who knows"—Cowboy—Soldier—Police Officer—has staked his life on the one arm that never fails. "It's a Colt," always dependable, accurate, and the proven superior of all other revolvers.

You take no chance in choosing a Colt; you run no risk in using it, because it has a Positive Lock insuring against accidental discharge, and is guaranteed for use with smokeless powder.

Catalog E mailed free.

If your Dealer does not sell COLTS, send your order to us.

Colt's Patent Fire Arms

Mfg. Co.

HARTFORD, CONN.

FOUNDED IN 1837

THEODORE METCALF CO.

Apothecaries

535 Boylston Street

CORNER CLARENDON STREET

Wholesale & Laboratory

141 FRANKLIN COR. FEDERAL ST.

All Goods Required by
Students at

MacLachlan's

502 BOYLSTON STREET

Drawing Instruments and Materials,

Fountain Pens Text-Books

PLYMOUTH THEATRE
Tel. Ox. 2075
ELIOT ST., NEAR TREMONT
Pomander Walk

SHUBERT THEATRE
Evenings at 8
Wed. and Sat. Matinees at 2
Maeterlinck's Exquisite Fantasy
THE BLUE BIRD
NEW THEATRE PRODUCTION

MAJESTIC THEATRE
Tonight at 8.15
Matinees Wed. & Sat. at 2.15
HENRY W. SAVAGE
offers the Inspiring Dramatic Spectacle
A MODERN MORALITY PLAY
BY WALTER BROWN
EVERY-WOMAN
Her Pilgrimage in quest of Love
N. Y. Production and Cast
Ensemble of 200 people

Castle Sq. Daily 2 and 8
Tel. Tremont 5
Mr. John Craig Announces
"The End of the Bridge"
Prices 15c, 25c, 50c, 75c, \$1.
Down Town Ticket Office—15 Winter Street

Old Established Dining Room
Mrs. H.O. Hanson, Prop.
33 SAINT BOTOLPH STREET
21 Meal Ticket \$4.50 14 Meal Ticket \$3.50
7 Dinners . . . 2.50 7 Lunches . . . 1.50
Breakfasts 30c. Luncheon 25c. Dinner 40c.
WE CATER ESPECIALLY TO STUDENTS

HAIR CUTTING
UNDER
COPLEY SQUARE HOTEL
4 BARBERS MANICURE
H. J. LANDRY, - - Proprietor

It won't leak
You should own a **MOORE'S** BECAUSE
It can be carried anyway, anywhere, in pocket or bag, it can't leak.
It writes without shaking. When the cap is on, the pen resting in the ink, remains moist.
It writes continuously with an even flow of ink.
It will carry any kind of ink, even Hieron's India Drawing Ink, the heaviest ink made.
It is the simplest fountain pen to fill. No joints to unscrew, just take off the cap and it is ready to fill.
It is made in the simplest manner of the fewest parts, nothing to get out of order.
It is giving satisfaction to thousands of users all over the world.
It is the best Fountain Pen made.
MOORE'S
NON-LEAKABLE
FOUNTAIN PEN

"All Work and No Play Makes Jack a Dull Boy"

The Trinity Court Bowling Alleys

Offers Tech men an admirable and convenient source of recreation. Directly opposite the Tech Union on Stuart St.
Pronounced

"The Parlor Alleys of the City"

Telephone, B. B. 4030

E. B. THRASHER, Prop. and Mgr.

Classified Advertisements and Notices

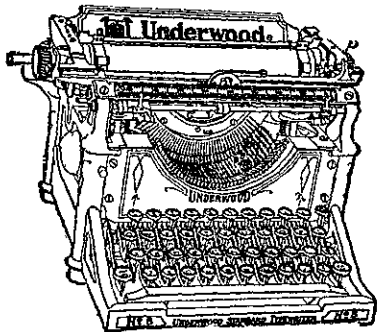
HERRICK, COPLEY SQUARE
Choice Seats for all Theatres
Phone B. B. 2323
Key Number Connecting Five Phones (1-17)

GENTLEMEN—I call to your attention that I will pay more for cast-off clothing than any one in my line of business. A trial will convince you. Send postal to Max Keezer, 3 Bow street, or telephone Cambridge, Mass., 302. (21-26t)

1243 COMMONWEALTH, Allston, Bri. 686-3. Sunny room, \$2.00.

LOST—A self-filling fountain pen has been left on the table of the Union reading room. The finder is kindly requested to leave the pen for the owner at the Cage.

Established 1847
THOS. F. GALVIN, Inc.
Flowers
24 Tremont St., Boylston cor. Fairfield
BOSTON



The Machine You Will Eventually Buy

Underwood Typewriter Co.
214-216 DEVONSHIRE ST., BOSTON

Our Special Offer
FULL DRESS SUIT
Silk lined throughout . . . at \$45.00
C. A. Patten & Co., Merchant Tailors
43 Tremont St., Carney Bldg., Boston

TECH STUDENTS! You will find it to your advantage to call and see US when you want a new suit or overcoat. Our prices are reasonable.
Repairing and Cleaning
L. GREENHILL & CO.
FURRIERS AND TAILORS
230 MASSACHUSETTS AVENUE, BOSTON
3 minutes walk from "Tech."

Don't!!! Forget the address. . .
We make a special effort to win the esteem of Tech men. . .
Copley Square Pharmacy
E. G. BOSSOM, Prop.
51 Huntington Avenue, Boston

INTERNAL COMBUSTION ENGINES

A course of lectures on gas and oil engines will be given by Professor Riley in Room 6 Lowell, on Tuesdays and Fridays, at 4.10 P. M., beginning November 21.

No registration is required for this course. It is open to all fourth year students and to special students who have completed their courses in Heat Engineering.

WALTER HUMPHREYS, Registrar.

The proof of the list of students for the Catalogue will remain posted until Tuesday night. Corrections should be left in writing at the Registrar's office not later than Tuesday, November 21st.

WALTER HUMPHREYS, Registrar.

SUITABLE REWARD for return of pair of gloves lost in Rogers, Thursday P. M., to H. S. James, 30 Newbury street. (46-1t)

THORNDIKE HOTEL
BOYLSTON STREET OFF PUBLIC GARDEN
BOSTON
Recognized as one of Boston's best hotels. Suited to the requirements of tourists—and the best class of business men and their families.
Rates per Day:
Single Rooms 1.50, 2.00, 2.50
with Bath 2.00 to 4.00
Double Rooms 2.50 to 4.00
with Bath 3.50 to 6.00
Parlor, Chambered and Bath 6.00 to 10.00
"Ye Old English Room"
Conspicuous for its cuisine and service. High class and same standard as the best New York restaurants.

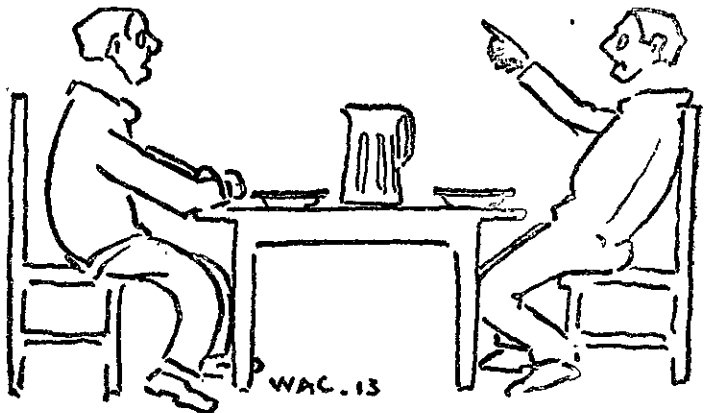
J. C. LITTLEFIELD
HIGH CLASS Tailor

Smart and effective fabrics; the latest textures and the most fashionable shades; prices that are right. Come and be "suited."

DRESS CLOTHES A SPECIALTY

12 Beacon St., Boston

Velvet
THE SMOOTHEST TOBACCO



THE greatest joy that follows the hardships of training, is the moment that you can heap the briar bowl with good old Velvet. Superb leaf—the tenderest leaf—aged over two years—perfect maturity—disappearance of all leaf harshness—leaving that rare degree of mellowness—superb flavor—the smoothness so enjoyable. Velvet is free from all harshness. Smoke Velvet as often as you like, always cool burning—"good old stuff!" At all dealers.

Full Two Ounce Tins **10c**

SPAULDING & MERRICK
CHICAGO