

# THE TECH

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## THE TECH

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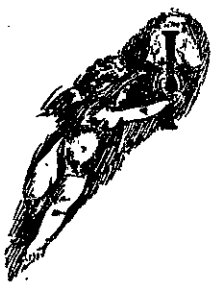
*For the benefit of students THE TECH will be pleased to answer all questions and obtain all possible information pertaining to any department of the College.*

*Contributions are requested from all undergraduates, alumni, and officers of instruction. No anonymous manuscript can be accepted.*

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As maturing plans are successfully carried out, the coming field day of the two lower classes will mark the beginning of a new era in Freshman-Sophomore athletics. Never before has such interest been taken in the events nor has such systematic planning been done for the complete success of the day. For some time past the matter has been before, and received the earnest attention of, the members of the Athletic Advisory Council and the Institute committee, in order that a program might be arranged which would do away with the cane rush; substituting

for it one or more events which would be just as popular and at the same time make use of other qualifications than that of the sheer brute force of numbers. With this in view the above committees, after much deliberation, have decided to make the field day events three in number, a football game, tug-of-war and relay race, the details of which will be announced as soon as completed.

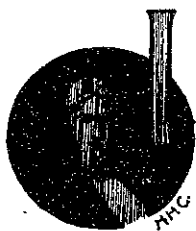
That the most significant and appropriate name be given to this day, it is requested that as many suggestions as possible be made by the undergraduates, and handed in at once to the Institute Committee. From these suggestions the most fitting term will be chosen to designate the day, so that the name with the recollections it awakens may thenceforth be handed down to posterity.

If a half holiday is granted the student body, every one should take advantage of the brief respite from work as it was intended they should, and at least witness the events of the day and cheer the contestants on.



IN the recent election of the Junior Class, symptoms of the old fraternity-non-fraternity contest again cropped out. Members of both factions, for factions there assuredly are, appear to deem it impossible to hold a class election without a greater or less extent of political engineering. The reporters of Technology news are apparently eager to aggravate any existing discord, thus showing lack of both true class and college spirit. All college men not members of fraternities must admit the value of the advantages offered by the brotherhood of these societies

of national extent, as also must members of fraternities recognize the fact that men not included in fraternity rolls are not a minus quantity. But these considerations have no place in class affairs. This narrow, unreasoning controversy is becoming tiresome, to say the least, and it is fully time that it was dead and buried. *Spice* in our elections is healthful and proper; but a pinch of *honor* and a bit of *sincere class loyalty* is the sort of seasoning needed.



It is with pleasure that we note the action of the Institute Committee in appointing a committee to take the question of a Tech flag in hand. The want of such a flag has been long felt and embarrassments have arisen from the lack. The same has been true to an even greater degree in the case of a representative Tech song. The latter has been attempted several times with but indifferent success. The obtaining of a college song is, however, a question of years, and as years go, the Institute is still young. To get a flag will, however, be a far easier matter. While it is not so important as the other, yet it is something the attainment of which is most desirable. The undertaking, being in charge of the Institute Committee, is in good hands, and THE TECH looks forward to a satisfactory solution of the matter.



ALTHOUGH going to 1905 by a number of points, the athletic meet of Saturday gives no definite idea of the relative strength of the classes. The meet being a handicap affair is not a just criterion to judge by, as without exception, the older men whose abilities are known, were severely penalized, the advantage going directly to the men new in Tech athletics. That the Fresh-

men did well, we are only too ready to admit, and the prediction has been made that if the enthusiasm aroused in athletics does not abate, 1905 will stand an excellent show of winning the class championship next spring. The scratch meets of the winter and spring enable the men from each class to compete on the same footing, hence ability only will win the events.

#### "M. I. T." at the Pan-American Exposition.

The Institute of Technology was represented at the Pan-American Exposition, not only by a most excellent and representative exhibit of its work as displayed in the Technology Exhibit, but it was also represented by President Pritchett, who, as Superintendent of Awards had in charge the entire work of selecting the jurors and organizing them for work. Professors Peabody, Puffer and Woodbridge served as members of the Marine Engineering and Transportation, in Electricity and in Sanitary Apparatus. In all 150 persons served upon the various division juries. The list included, among others, the following professions and callings:

Mechanical Engineers; Electrical Engineers; Mining Engineers; Military Engineers; Naval Constructors; Medical Experts; Experts in Educational Matters; Painters; Sculptors; Engravers; Architects; Chemists; Experts in Agricultural Products; Merchants; Musicians; Manufacturers; Experts in Fisheries, Laces, Silks, Woolens, Rubber, Gems, etc.; Geologists; Biologists; Anthropologists.

A significant feature of this list is the large number of jurors chosen from the various engineering professions. In one sense the proportion is misleading, since the number of experts necessary to judge exhibits in which the applications of engineering enter is of necessity out of proportion to the number required in such a subject as agriculture. Nevertheless, it is significant of the trend of modern civilization that when a body of experts is brought together to judge a great exposition the character of the exhibits is such that a majority of the judges are drawn from the ranks of the workers in applied science.

The exhibits presented under the various divisions were, in the main, housed in buildings specially erected for the separate divisions, as in the Fine

Arts Building, the Machinery Building and others. A considerable part of the exhibit, and some of the most interesting ones, were contained in the buildings erected by the governments of Canada, of Mexico, and of the South and Central American republics. Still others were in the buildings erected by various States of the Union.

The juries examined and reported upon some seven thousand exhibits. These included an almost endless variety of objects, ranging from the simplest products of the soil and of the mine to the most delicate machinery and the most recent results of science and of art.

It was the wish of the exposition management that the awards be made solely on the ground of merit and with such discrimination as would make the awards of value. This could be accomplished only by the selection of jurors who were not only fair-minded, but who were experts in their various departments. Those who were invited to take part in this work were asked solely on the ground of fitness. They came together on Monday, July 22nd, and the entire work, with the exception of the examination of belated exhibits, was completed within two weeks. Those who composed the juries were busy men who gave their time freely for this work, at once arduous and in many cases tedious. No body of men could have been more patient, more energetic, or more desirous to obtain correct results. To the jurors, both the exposition management and the exhibitors are indebted for a difficult service cheerfully and unselfishly performed.

The jury awarded to the Massachusetts Institute of Technology its highest award, a Gold Medal, but on account of President Pritchett's presence on the jury the Institute was placed among those who were *hors concours*.

### Medals for Physical Development.

The medals which were offered for the best physical development during the past year have been awarded, but as yet they have not been distributed among the fortunate winners. The selection of the design is in the hands of Professor Hough, Mr. Briggs, Dr. Maylor and the advisory Council. The medals will probably be of silver, five in number and of the same design. Nothing has been done about

the matter as yet, owing to the absence of Professor Hough who is in the South suffering with typhoid fever. Nothing will be done until his return.

### Civil Engineering Society.

While the Civil Engineering Society is too well known to upper classmen to need any explanation, it is desirable that the men now beginning their second year work in Civil and Sanitary Engineering as well as any new men entering the upper classes, should understand fully the objects and purposes of this association. It is a society open to all men in Courses I. and XI. after their first year. Its aim is to give its members a broad view of engineering work in general, such as can not be obtained from the work of the classroom. Meetings are held every other week and are addressed by engineers, professors and instructors of the Institute and by undergraduates, the subject usually being some particular piece of work on which the lecturer has been engaged. In addition to these strictly professional meetings a number of social meetings are planned for the winter. The first meeting of the society is to be held next Monday at 4.15 P. M., in Room 11, Eng. B., and is to be addressed by President Pritchett, his subject being, "Some Extraordinary Variations of the Magnetic Needle observed in Alaska." All members are urged to be present, and men wishing to join the society should leave their names at the Cage for H. S. Baker, Secretary C. E. Society.

### Calendar.

*Saturday, October 26th.* — Hare and Hounds run at Hyde Park. Leave Back Bay station at 2.19. Fare 20 cents. '05 Football team *vs.* Brookline High, at Brookline.

*Monday, October 28th.* — First Civil Engineering Society Meeting, Room 11, Eng. B., 4.15 P. M.

HEMPTY — Something in my stomach tells me I need food.

'UNGRY — Nothing in mine tells me I need it! — *Lampoon.*

## HYGIENIC SUGGESTIONS.

By WILLIAM SKARSTROM, M. D., Instructor in Gymnastics.

IN TWO PARTS. PART I.

Students so often ask me regarding exercise, baths, food and similar subjects relating to personal hygiene that I will take this opportunity to briefly discuss a few of those questions, particularly that of exercise, in the hope that it will be of some help to those who are already interested in such matters, and perhaps awaken interest in others.

## FOOD.

The form and quality is, of course, a matter largely regulated by individual taste and length of purse. A sufficient amount of wholesome food, with approximately the right proportion of the different food elements, is, however, within reach of almost everyone. To maintain perfect nutrition the proportions of proteid (albuminous) material, fats and carbohydrates (starches and sugars) should be in the neighborhood of  $2 : \frac{1}{3}$ , varying somewhat with climate, work, and individual condition. Many people are inclined to eat more proteids than they need on the principle that food containing a large percentage of this element, such as meat, eggs and animal products in general, is more nutritious and concentrated than other classes of food. The latter is often true, but it does not follow that it is of advantage to ingest relatively larger quantities of this than of other less nutritious and more bulky food stuffs, such as vegetables, cereals, fruits, etc., which are considered of less value. A certain amount of coarse, bulky food, containing considerable indigestible matter is wholesome and indeed necessary, serving to stimulate the peristaltic movements of the intestines and giving them something to contract on. Variety in the diet is the simplest way of insuring a fairly correct proportion of food elements, required for perfect nutrition. It is also one essential for the maintenance of a good appetite, without which digestion and assimilation are not very well carried on. The sense of hunger and the enjoyment of one's meals bear an important relation to the secretion of the digestive juices and to the absorption of the digested food from the intestines. For this reason a highly nutritious but unpalatable food may be of less value than one which is poorer in nutritious material but which is eaten with more relish.

The amount of food necessary for each individual cannot be regulated by any general rules. A healthy appetite and the individual digestive power are the best guides.

Eating between meals, except when actually faint, or when special reasons for it exist, is bad policy, and is apt to ruin a good appetite and to disarrange a digestion accustomed to regular work. This applies also to smoking shortly before meals. Eating something late in the evening, four or five hours after dinner is rational, if the stomach plainly demands it. Of course a heavy, hearty meal is not advisable just before retiring, as digestion is not very active during sleep; but a little bread and milk, or some fruits or a similar light lunch will do no harm to healthy persons. The supposed disturbances of sleep produced by it are worth risking in preference to lying awake from hunger. Indeed, to most people a light lunch at the end of an evening spent in hard study or other activity is conducive to good sleep, because the blood is thereby diverted in a measure from the head to the abdominal organs. The drowsiness after hearty meals with which we are all familiar, depends upon this. For this reason it is perhaps a good rule not to try to study immediately after such a meal. Not because the blood supply of the digestive tract is greatly interfered with by mental activity, for this is at least doubtful, but the brain's blood supply being somewhat diminished during active digestion, this organ does not then work under favorable conditions.

The relation of physical exercise to meals will be discussed later.

## BATHS.

The question of the morning bath is a vexed one, and the practice of taking them is often abused. An immersion in water of  $45^{\circ}$  F. or less every morning throughout the winter is something in which only the strongest can afford to indulge. With all the vital activities of the body at a low ebb, the shock is too great, producing either overstimulation, lasting a comparatively short time, which is followed by lassitude for the remainder of the day; or else there is no reaction, or only a very feeble one,

and a feeling of chilliness, which is difficult to shake off, results. In either case a man is not in a good condition for work, or best fitted to stand the changes of temperature and draughts to which he is exposed during the day. If such effects follow the cold morning bath, it is wiser to try a higher temperature, say  $70^{\circ}$ ; or, standing in the tub in only a few inches of water, wring out a sponge over the body or apply a dripping towel, and quickly follow this by a brisk rub down. The towel bath can very conveniently be taken in one's room, is much milder and quicker, and serves the purpose of moderate stimulation admirably. To students taking a thorough bath at the gymnasium four or five times a week no stronger morning bath is needed.

The bath after exercise in the gymnasium, or otherwise, should not be too long. Two or at most three minutes is sufficient time to wash off with soap and warm water and this should be followed by 15-30 seconds of as cold water as the individual's condition and experience warrants. Too much time spent in the gymnasium baths is often the cause of excessive fatigue felt during the evening.

#### SLEEP.

There are those who claim that five to six hours' sleep out of the twenty-four is all they need, but for the majority of people, especially students, eight hours is none too much. Lack of sleep probably causes more breakdowns than any other single factor. Losing sleep and making it up (if one is able to do it, and few are) is not as wholesome as a full amount regularly.

#### CLOTHING.

Training the body to accommodate itself to changes of temperature is desirable within reasonable limits. There is in the body a beautiful mechanism for regulating the production and dissipation of heat, by which a constant temperature is maintained. If this is not given enough exercise, it becomes less efficient, and when the overcareful person (in the matter of clothing) is caught unawares, as is so often the case in this climate, he is apt to catch a severe cold because of this lack of training of his heat regulating mechanism. However, this does not mean that it is wise to go without an overcoat all winter, or be otherwise insufficiently dressed so as to be in a constant state of shiver, and obliged

to expend an unnecessarily large amount of vital activity in heat production.

For strong, healthy young men, at least, cotton underclothing of light or medium weight, supplemented by increased number and warmth of outer garments when going out, is preferable to heavy woolen underclothing which by overheating when in a warm room makes the contrast to the temperature outdoors seem greater.

[CONTINUED IN THE NEXT ISSUE.]

### Sophomore-Freshman Field Day.

The Advisory Council on Athletics has fixed upon the events which are to form the contest between the Sophomore and Freshman Classes as follows:

There shall be three events, to be held in the following order; (1) A Football Game; (2) A Relay Race; (3) A Tug-of-War. The conditions governing same are to be as follows: The management of these contests shall be vested under the Advisory Council in a committee of the following constitution:

The Chairman of the Advisory Council, the Presidents of the Athletic Association, Senior Class and Junior Class, and a member of the Advisory Council. This Committee shall make all arrangements, appoint all officials, handle all receipts, and decide all questions left uncovered by the rules of the Advisory Council.

A Football Game shall be held between elevens of each of the two classes; the game to be two 15-minute halves, with a rest of ten minutes between the halves; the current rules governing Intercollegiate Football Games will apply.

A Relay Race, not exceeding two miles, to be run by not less than nine (9) and not more than sixteen (16) men; on a track with laps of one-eighth, one-quarter or one-half miles each man shall run one-eighth mile; on a track of one-third mile lengths, each man shall run one-sixth of a mile. The sequence of runners shall be assured by the passing of

flags from man to man, these flags to be provided by the management. The rules of the New England Intercollegiate Association governing running races will apply.

A Tug-of-War to be limited to not exceeding twenty-five (25) men from each class. No artificial means will be employed. Each contestant shall pull standing and no spikes on shoes will be allowed; the man nearest the centre of the rope on either side shall not at any time be within thirty (30) feet of his opposite opponent. The length of the pull shall be five (5) minutes. More detailed rules to govern this contest will be made by the Council and announced within two weeks.

Points will be counted as follows:

Football Game,	3 points,
Relay Race,	3 points,
Tug-of-War,	5 points.

In case of a tie in any of the above contests, each class will score half the number of points designated for that contest.

This makes the contest between the two classes perfectly definite, and it behooves every student of Technology and every graduate to put a shoulder to the wheel in order that this event may be of the greatest interest. President Pritchett and members of the Faculty will lend their aid to make the meeting a successful one, and there is no reason why a large number of tickets should not be sold, and a considerable amount realized for athletics at the Institute.

The committee appointed by the Advisory Council will announce in a few days the grounds which have been selected.

This report has been accepted by the Institute committee with the recommendation that the points be counted as follows:

Football Game,	4 points.
Relay Race,	2 points.
Tug-of-War,	3 points.

This recommendation will undoubtedly be accepted by the Advisory Council.

### The Fall Handicap Meet.

The Fall Handicap Meet of the Athletic Association was held last Saturday afternoon on Soldiers' Field. The meet was decidedly successful, and although the showing made in some events was poor, the prospects for a strong track team next spring are encouraging. Credit is due to Manager Gleason for the success of the meet and also for securing the use of the field. C. A. Sawyer, Jr., the clerk of the course, helped to run the events off in good time.

The strong wind hindered the athletes seriously, especially in the distance runs. The times made in these events seem slow, but judged by the standard of the Amherst and the Harvard meet held in the same strong wind upon the previous day, the showing made by our men is good.

The Freshman showed up well, scoring the largest number of points. Nichols, Berry, Snow, Fuller, Riley, Emerson, Goldthwaite and Sprague are promising men for the track team, and many others did good work for new men. It is rather early, however, to speculate on the Class Championship, especially as the strength of the upper classes was not out. The contest will certainly be an exciting one, and both the Freshman and Sophomore classes will be strong factors.

The hundred-yard dash was the best event of the day. Snow, '05 and Haynes, '04 both won their heats in fast time, from the four-yard mark. In the final the result was very close Haynes being only a few inches ahead of the Freshman. Winchester was the only old man to get a place in the finals. Fuller, '05 from scratch and Goldthwaite, '05 from the four-yard mark ran well. Technology certainly has good material from which to pick a team in the hundred.

In the two-twenty-yard dash Haynes and Snow had another close race, the two yards which the former had over the latter was about the extent of his lead at the finish.

Boggs, '04, from scratch ran a fine race but was unable to overcome the handicaps of the new men.

A large field started the mile run, Nichols, '05, soon taking the lead and winning the event in good time, considering the wind. He ran in good form and with judgment should prove a good addition to our distance runners. Sprague, '05, won second after a good race. Peaslee, '03, the scratch man, made a gamy try early in the race but could not catch the Freshmen.

Nichols duplicated his performance in the half-mile. Here as in the mile he ran a fine race and won out with a good margin. Pulsifer, '03, from the limit mark surprised the talent, holding the lead for more than a lap and finishing strong in second place.

Riley, '05, held the lead all the way, after the first lap, in the two-mile. Sweet, '04, and Peaslee, '03, the scratchmen, were unable to catch him, although the former made a splendid try in the sixth lap and pulled well ahead of Peaslee. Unfortunately Sweet, having come from Cornell this year, is not eligible for the track team next spring. We shall look for good work from him in 1903.

Both events in the hurdles were satisfactory. Fuller, '05, won the low hurdles handily, Grant, '02, the scratchman doing well in both. In the high hurdles owing to a mistake the course was one hurdle too short. In spite of this Kruse's win in 15-2 shows him to be a good man.

Both the high jump and pole vault were closely contested. Curtis, '04, did good work in both events. Berry, '05, although jumping in poor style, only failed at 5ft. 7in. and cleared this later in practice. Emerson, '05, won the high jump with an actual jump of 5ft. 5in.

The pole vault promised to be a three-cornered tie, till Curtis won first, clearing the bar in grand style at a height of 10 ft. 1 in.

Berry and Mackie tossed up for second place, the former winning.

The summary of the events is as follows:—

100-yard dash—1st heat—1st C. R. Haynes, '04 (4 yds.); 2nd, H. T. Winchester, '03 (scratch); 3rd, J. W. Crowell, '04 (scratch.) Time 10 1-5 seconds.

2nd heat.—1st, E. B. Snow, '05 (4 yds.); 2nd, L. F. Goldthwaite, '05 (4 yds.); 3rd, L. U. Fuller, '05 (scratch.) Time 10 2-5 seconds.

Finals.—1st, C. R. Haynes, '04; 2nd, E. B. Snow, '05; 3rd, H. T. Winchester, '03. Time, 10 1-5 seconds.

220-yard dash.—1st, C. R. Haynes, '04 (8 yds.); 2nd, E. B. Snow, '05 (6 yds.); 3rd, W. B. Boggs, '04 (scratch). Time, 24 seconds.

440-yard dash.—1st, E. J. Hurley, '04 (5 yds.); 2nd, H. H. Needham, '04 (5 yds.); 3rd, Wm. A. Clark, '05 (scratch). Time, 1 minute.

Half-mile run—1st, R. P. Nichols, '05 (20 yds.); 2nd, H. B. Pulsifer, '03 (35 yds.); 3rd, F. O. Sprague, '05 (23 yds.). Time, 2 minutes, 18 seconds.

Mile run.—1st, R. P. Nichols, '05 (40 yds.); 2nd, F. O. Sprague, '05, (35 yds.); 3rd, A. C. Dickerman, '05, (40 yds.) Time, 5 minutes, 13 4-5 seconds.

Two-mile run.—1st, F. B. Riley, '05 (100 yds.); 2nd, A. J. Sweet, '04 (scratch); 3rd, H. F. Peaslee, '03 (scratch). Time, 11 minutes, 31 2-5 seconds.

105-yard high hurdles.—1st, R. L. Kruse, '03 (6 yds.); 2nd, R. D. Emerson, '05 (6 yds.); 3rd, K. C. Grant, '02 (scratch). Time, 15 2-5 seconds.

220-yard low hurdles.—1st, L. V. Fuller, '05 (6 yds.); 2nd, G. A. Curtis, '04 (6 yds.); 3rd, K. C. Grant, '02 (scratch). Time, 28 2-5 second.

Running broad jump.—1st, L. V. Fuller, '03, (6 in.) distance, 18 ft. 8 in.; 2nd, K. C. Grant, '02, (scratch) 19 ft. 1-2 in.; 3rd, L.



C. Hammond, '02, (1 ft.) 17 ft. 5 1-4 in.

Running high jump.—1st, R. D. Emerson, '05, (3 in.) height, 5 ft. 5 in.; 2nd, G. A. Curtis, '04, (1 in.) 5 ft. 6 in.; 3rd, H. E. Berry, '05, (scratch) 5 ft. 6 in.

Pole vault.—1st, G. A. Curtis, '04, (scratch) height, 10 ft. 1 in.; 2nd, H. E. Berry, '05, (8 in.) 9 ft. 4 1-2 in.; 3rd, W. Mackie, '05, (1 ft.) 9 ft. 1-2 in.

The following summary of points does not include the discus, hammer throw, shot put and bicycle race. These events were not run off at the meet at Soldiers Field.

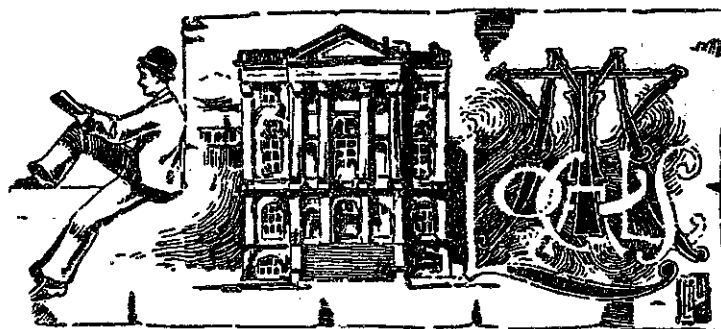
#### SUMMARY OF POINTS BY CLASSES.

Event	1902	1903	1904	1905
100-yard	—	1	5	3
200-yard	—	—	6	3
440-yard	—	—	8	1
Half-mile	—	3	—	6
Mile	—	—	—	9
Two Mile	—	1	3	5
120-yard hurdles	1	5	—	3
220-yard hurdles	1	5	—	3
High Jump	—	—	3	6
Broad Jump	4	—	—	5
Pole Vault	—	—	5	4
Total	6	15	30	48

#### Class Elections.

The results of the Senior class elections, which closed Monday, are as follows:—President, H. Y. Currey; 1st Vice President, R. V. Brown; 2d Vice President, K. Lockett; Secretary, F. H. Hunter; Treasurer, C. R. Place; Executive Committee, S. A. Gardner, E. T. Pollard; Institute Committee, H. K. Hooker, R. A. Pope.

The following officers were elected by the class of 1903 to serve during the Junior year:—President, L. H. Lee; 1st Vice President, H. Crosby; 2nd Vice President, L. W. Adams; Secretary, C. P. Nibecker; Treasurer, tie between R. B. Williams and J. F. Doran; Board of Directors, T. G. Babcock, H. S. Baker; Institute Committee, P. R. Parker, L. H. Underwood.



The number of 5th year men in the Architectural Course is unusually large this year, numbering eight in all.

Leave "Grinds" at "Cage" addressed *Technique* and you will be enrolled as a competitor for a copy of the book.

The Institute Committee desires suggestions as to an appropriate name for the Freshman-Sophomore Field Day.

The next Hare and Hounds run will start from Hyde Park. Leave Back Bay Station at 2.19 Saturday, October 26. Fare 20 cents.

Men who wish to join the Tennis Association may do so by handing their names to Paul D. Hawkins, "Cage," and paying their dues, \$1.00 per term.

The members recently elected in the Architectural Society are G. Townsend, '02; F. H. Hunter, '02; L. Kern, '02; W. J. Wellman, '02; Kaufman, '03, and Hood, '03.

A committee to receive nominations for officers for the class of 1905 has been appointed as follows: R. H. Turner, '05, chairman, E. Chester Grant, '05, Philip E. Hinckley, '05.

Several improvements have been made in the Tech lunch room; more tables have been put in, and increased facilities have been provided for clearing the tables and washing the dishes.

All men wishing to enter the Chess Tournament should hand in their names and twenty-five cents to C. B. Cox, "Cage," before Sat-



urday, October 26. Club membership is not necessary.

M. I. T. Annual Handicap Meet at Soldier's Field, Cambridge, on October 19th at 3.00 P. M. Entries may be made at the Tech gymnasium.

All men who have ever attended Phillips Andover are requested to attend the first regular meeting of the Andover Club in Room 11, Rogers, at 1.00 P. M., Friday, October 18th.

E. R. Crane, '04, who played the part of the *Costumier* in the *show* last year will not return to the Institute until November. He at present holds a position in one of the Boston banks.

Dr. Skarstrom is still at work in the gymnasium with his measurements and strength tests. Students who wish to make appointments with him should do so at once, as the regular work will begin next month.

At the first regular meeting of the Institute Committee on Saturday, October 19, action was taken on the proposed regulations for the Annual Freshman-Sophomore Contest. These resolutions are now posted in Rogers Corridor. A committee was also appointed to take charge of the matter of a representative Tech flag.

At the first regular meeting of the Architectural Society this year held on October 11th., R. B. Derby, '02, was elected to the Executive Committee, taking the place of H. H. Saylor; and Jenkins, '03, was elected treasurer, filling the vacancy left by F. Nickerson who did not return this year. Several men were elected to membership in the society.

Professor Dewey has been appointed an expert special agent of the census, to prepare a report on wage statistics in connection with the census reports on manufactures and

mechanical industries. As a result of the investigations to be carried on under the supervision of Professor Dewey, it will be possible for the census office to show actual rates of wages and to make precise determinations as to what the real trend of wages has been.

The St. Johns Society of the Institute, will hold an evening service and informal reception to new members in Trinity Parish Rooms, Clarendon St., on Monday evening, October 28th — not the 21st as previously announced — at 8 P. M. The Rev. William B. Frisby will say evening prayer and there will be several other speakers who will be announced next week. The semi-annual meeting for the fall will be held at the same time. All persons in the Institute, connected with the Episcopal Church, even though they may not have received invitations, are especially invited to be present.

#### Hare and Hounds Club.

The annual business meeting of the Hare and Hounds Club was held last Friday and after an hour's discussion was adjourned, until Monday, when the business was completed. The Club took a radical departure from its previous policy, in deciding to enter cross country racing. A dual run will be arranged for as soon as possible. All men wishing to try for the team should begin training at once. Notice will be found on the Club Bulletin Board in Rogers Corridor and in the gymnasium.

The regular Saturday runs of the Club will be continued and everything points to a large and enthusiastic attendance.

The following officers were elected: Captain, S. T. Worcester, '04; Manager, A. M. Holcombe, '04; President, F. H. Hunter, '02; Secretary and Treasurer, U. P. R. Pember, '02; Vice-Captain, H. H. Gould, '04; Asst. Manager, A. J. Sweet, '04.



'90. Edward B. Raymond is with the General Electric Company of Schenectady, N. Y.

'90. William H. Collins has recently been made superintendent of the Silver Spring Bleach & Dye Works of Providence, R. I.

'92. Frank C. Shepherd has been appointed deputy superintendent of the street department of Boston.

'94. A. G. Robb is superintendent of the Robb Engineering Co., Ltd., Amherst, N. S.

'94. F. F. Low is chief draughtsman of the Architectural division of the Boston Elevated Co.

'97. Thomas F. J. Maguire has been appointed civil and electrical engineer for public buildings for the U. S. government in the Treasury Department at Washington.

'98. G. W. Blood is with Hornblower & Weeks, Wall Street, N. Y.

'98. R. T. Bennett is engaged on the construction of the Wachusett dam at Clinton, Mass.

'96. F. H. Davis and George M. Godley, '98, are at the Midvale Steel Company Works, Philadelphia.

1901.

Leonard S. Florsheim, I., is engaged in the reconstruction of the Chicago & Albany Ry. as rodman.

L. R. Henrich, IV., is taking a post graduate course in architecture at the Institute.

S. B. Miller, X., is surveyor and draughtsman in the plan department of the Associated Factory Mutual Insurance Co., Boston.

A. W. Higgins, X., is draughtsman for Sayles' Bleacheries, Saylesville, R. I.

M. W. Hogle, II., is in the construction department of the Eastman Kodac Company, Rochester, N. Y.

W. G. Holford, IV., is taking a post graduate course at the Institute.

V. F. Holmes, V., is back at the Institute.

A. T. Hyde, X., is chemist for Stone and Webster at their plant in Rumford Falls, Me.

K. A. Knox, II., is travelling in Asia and Europe.

E. F. Lawrence, IV., is taking advanced work in architecture at the Institute.

J. B. Laws, IX., is a member of the firm of J. H. Laws & Co., Cincinnati, Ohio.

H. C. Marcus, III., is a mining expert. When last heard from he was in Ely, Nevada.

C. E. Martin, IV., is office assistant with the Metropolitan Water and Sewerage Board.

W. I. Martin, I., is draughtsman at the First National Bank Building, Chicago, Ill.

### Communications.

TO THE EDITORS OF THE TECH:

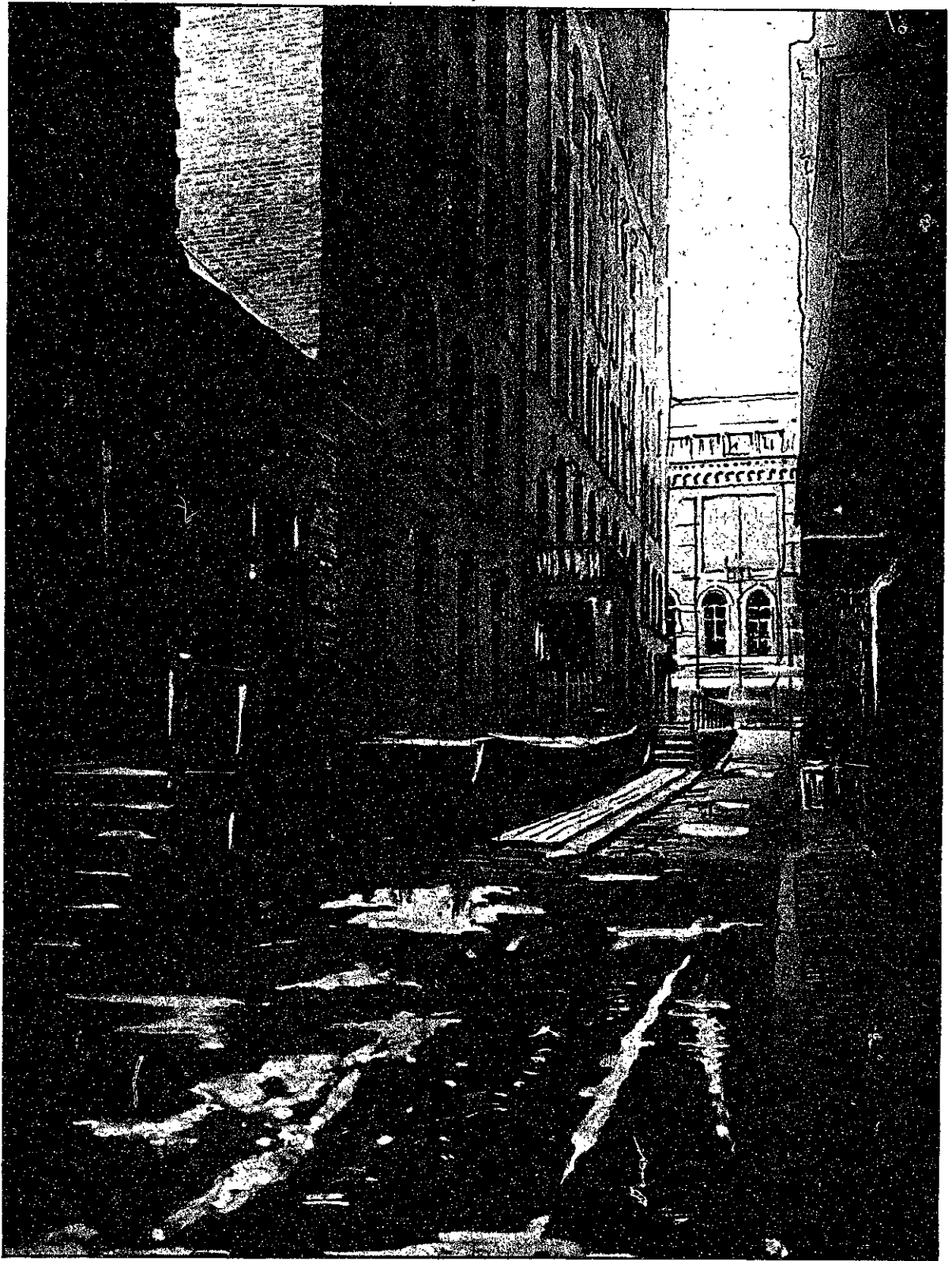
The Football Association wishes, through your paper, to state its position to the student body. Subscriptions have been collected to some extent for the support of the Football Team. The Team has played one game, and now, in accordance with the general sentiment of the student body, is disbanded. The Association finds itself in debt to the amount of \$190.00. This debt must be paid. The management hopes that no one will refuse to subscribe because the Team is disbanded but that everyone will help to clear the Association from its debt.

For the Association,

HENRY R. HOOPER, *President*,

JOHN M. GRICE, *Manager*,

CLAUDE E. PATCH, *Secretary-Treasurer*.



Familiar scenes about Technology. Engineering Alley as it is today.

See THE LOUNGER, Page 32.



The Class of 1902 recently sustained a severe blow on the political side, and, though THE LOUNGER speaks plainly, he deems it necessary to say that the attempt to recover was neither graceful nor effective. When, last week, politics were rife, and the vortex ring of excitement was circling about the heads of the respective nominees for President, no one thought, excepting Course IV., of nominating a candidate for the office of Secretary. When, therefore, the nominations came to be posted, the statesmen of the Senior Class beheld with blasted eyes,

“Lo, the last of divers desolations,”

Free Hand H-n-t-r nominated for Secretary. Whereupon the statesmen conceived that were they to call a class meeting to open the nominations again for Secretary, they would be circumventing the disaster in a most righteous and highly statesman-like way. What happened at the class meeting, THE LOUNGER cannot state with exactness, but it is understood that a certain logical statesman delivered himself somewhat as follows: That while the class appreciates that the nominee's ability was certain enough, and that he would be capable of carrying out the work efficiently, *yet* the officerships of the Senior year were important, and it must be deeply considered who shall fill them. Therefore the nominations should be opened. And they were opened. Just where such logic as the above originated THE LOUNGER dare not say. But the end is not yet. Later in the day, after the above action had been taken, it was declared by the Executive Committee unconstitutional, and so the farce ended. Those who see any glory in the affair lying about loose are welcome to take it.



In the year 1433, or thereabouts, THE LOUNGER began to call attention to the condition of affairs in that modest thoroughfare called by the unregenerate, Engineering Alley. From the most reliable sources of information, it appears that the alley was once in a wretched condition, the roadbed being uneven, hard of passage, and occasionally even muddy. At that time, too, the Grundman studios were 375 years

old, or thereabouts, and were fast falling into decay. It was not until recent years that a marked improvement in the condition of affairs began to be shown. About ten years ago the upper part of the alley (which is never used by Tech men) was paved, and in 1898 the magnificent embankment was constructed, flanking the Engineering Building and adding generally to the picturesqueness of the surroundings — an immortal monument to the Engineering Corps of the Institute. Since then the roadbed has been improved; it is no longer uneven or muddy, and as the pen and ink sketch on the foregoing page shows, the alley is now a model thoroughfare. Now that a new Institute Committee has been elected, it might consider the advisability of procuring lace curtains for the windows of the Engineering Building. It has been suggested also that resting chairs be placed at intervals along the alley, but this, THE LOUNGER thinks, is carrying the æsthetic too far. THE LOUNGER would urge that the authorities make every effort to maintain the passageway at the standard of excellence it now possesses.



With the excited voices of many self-styled class politicians ringing in his ears, THE LOUNGER awakens to the fact that class elections, those inevitable results of so-called perfect social organizations, are in progress. The unsuspecting classman is pounced upon by one of the candidate's supporters, pale and haggard from want of rest, and is forced to admit the candidate's superiority in every way, over all opponents. Now as a matter of fact, THE LOUNGER, ever a peace-loving and law-abiding person, is loath to hear any of his friends discussed *pro* and *con* by equally rabid supporter and enemy, who, by gradual exaggeration, conclusively prove the candidate in question, an angel or a villain. To avoid this THE LOUNGER would suggest that the candidates be given a thorough examination in the qualifications mentioned below, with the accompanying numbers as a basis for perfection, the candidate receiving the greatest number of points to be elected without further ado: —

Lung capacity	50
Bluffing ability	27
Social tendencies	21
*Mental ability	2

\*This may be left out if necessary.

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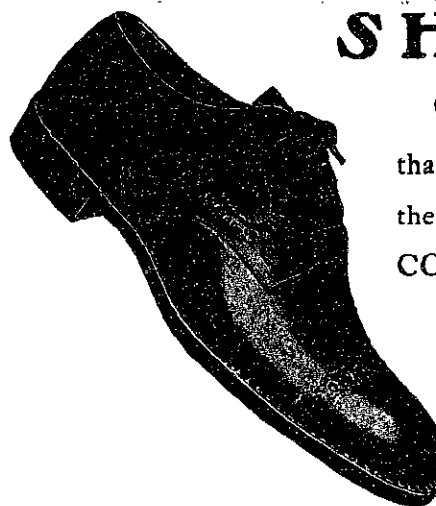
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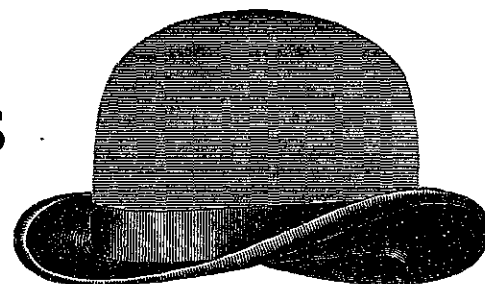


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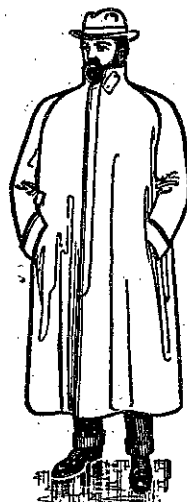
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