

THE TECH

VOL. XXX. NO. 50

BOSTON, MASS., SATURDAY, DECEMBER 3, 1910

PRICE TWO CENTS

COMPENSATION FOR INDUSTRIAL ACCIDENTS

Professor Doten Tells the Story of Recent Convention in Chicago.

13 QUESTIONS SUBMITTED

By Massachusetts Commission Answered Satisfactorily and Unanimously.

Professor Doten, who is chief investigator for the Massachusetts Commission on Compensation for Industrial Accidents, has furnished the following information in regard to a conference of commissioners recently held at Chicago, Ill.

This conference was called by the Massachusetts Commission, which was instructed by a resolve of the last General Court, under which the Commission operates, to "investigate other laws and systems in operation in other States and countries, correspond or confer with committees and commissions in other States considering the same subject, and draft an act for the compensation of employees for industrial accidents.

The commission felt from the very beginning of its work that the most important thing to be done was to secure some degree of uniformity in the legislation proposed in the several States now at work upon this subject. Shortly after the commission was organized last July an invitation was sent out to seven other commissions at that time at work in the same general field to join in a conference at some convenient point, the time and place to be settled by mutual agreement. Since sending out this first letter three other commissions have been established. It was finally decided to hold this conference immediately after the fall election, and Chicago was settled upon as the place of meeting.

On November 10th representatives of the commissions from the following States, New York, Wisconsin, Ohio, Minnesota, Illinois, New Jersey, Montana and Massachusetts, of the Federal Commission, the United States Bureau of Labor, and a special committee of commissioners on Uniform State Laws, together with a special delegate appointed by the Governor of Connecticut, assembled at Hotel La Salle in Chicago. In order that the conference should not be disturbed in its deliberations the public and newspaper correspondents were excluded from the meetings.

Thirteen fundamental questions were submitted by the Massachusetts Commission for the consideration of the conference. These questions, with the conclusions arrived at by general consent, follow:

1. What employments shall the act cover? All employments.
2. Shall all injuries be covered irrespective of negligence?
 - (a) Irrespective of employers' negligence? Yes.
 - (b) Irrespective of employees' negligence? Yes, except where injury is self-inflicted for the purpose of recovery. Burden of proof that injury was self-inflicted to be placed on the employer.
3. Shall all persons engaged in such employments be included? Yes.
4. Shall compensation be paid in a lump sum or in installments?
 - (a) Temporary disability? Installments.
 - (b) Permanent disability or death? Installments with right to commute after given time with approval of some public official.
5. Amount and duration of compensation?
 - (a) Temporary disability? Fifty per cent. of the impairment of

(Continued on Page 3.)

PROPOSED SWIMMING TEAM FOR TECHNOLOGY

Meeting Will Be Held in Union Monday to Discuss Proposition.

ALL INVITED TO ATTEND.

Good Coach Can Be Secured and Many Men With Experience Are Available for Team.

A meeting will be held at the Union at 4.10 P. M. Monday, December 5th, to discuss the organization of a Technology swimming team. It is especially desired that all men who can swim, or are interested in swimming, be present to talk over the establishment of such a branch of athletics at the Institute. Members of the Faculty and the student body believe that the formation of a swimming team would be a very decided addition to Institute life, and would tend to foster the Technology spirit. Emphasis is to be laid on the fact that the presence of men who have not been in competitive swimming events is as much desired as that of men with previous experience. At present it appears probable that the services of an expert professional coach can be secured. Several swimming pools have been investigated, but nothing definite will be decided until the meeting Monday. It is of prime importance that all men interested should come to the Union Monday afternoon. However, in case any man finds it impossible to attend the meeting, if he will leave his name and address at the Cage for "Swimming Team" he will be informed of any action which may take place.

FINANCE COMMISSION STARTS ITS LABORS

As a beginning of its work the Finance Commission appointed by the Institute Committee has sent out letters to the proper officials of the various activities explaining the object for which the commission was created, and asking for answers to the following questions:

- (1) Did you commence this year with a balance or a deficit? If so, how much, and in case of a deficit, to whom was it owed?
- (2) What were the receipts and expenditures from the beginning of the term to December 1?
- (3) Please tell us, according to your present knowledge and judgment, what the prospects of your activity are for the balance of the year, both as to work planned and to financial stability.

In order to become acquainted with the men, and to have the opportunity of explaining these questions more fully, a dinner is to be given by the commission in the Union on Wednesday, December 7.

The letter is signed by Howard L. Cornum, 1898; I. W. Litchfield, 1885; Donald R. Stevens, 1911, and M. R. Scharff, 1909.

TECH 1912 MAN TO GO TO WEST POINT

Richard C. Stickney of Gloucester, for the past two years a member of the Class of M. I. T., 1912, has received an appointment to West Point Military Academy from the Sixth Congressional District, through Congressman Augustus P. Gardner. Stickney was a student in Course III, and spent the summer in Canada working in a mine. This Fall he took examinations for the Military Academy, and as his chances of receiving an appointment looked good, he did not return to the Institute.

J. W. LIEB, JR., ADDRESSES ELECTRICAL E. SOCIETY

Talks on History of Engineering and Engineering Ethics.

PROF. JACKSON AN ADMIRABLE HOST.

Announcement of Special Meeting of Electrical Engineering Society On Tuesday.

Last evening the members of the Electrical Engineering Society were given a most enjoyable entertainment. A splendid buffet luncheon, tastily prepared by Head Waiter Creighton and his assistants was served. Professor Jackson certainly lived up to his reputation as being a most bountiful and pleasant host.

After the luncheon Mr. J. W. Lieb, Jr., Vice-President of the New York Edison Company, gave a most interesting lecture on "Engineering Ethics." Mr. Lieb is a graduate of the Stevens Institute of Technology, and a past president of the American Institute of Electrical Engineers.

In the early days the professions were three in number—Theology, Law and Medicine. About 24 B. C. the type of work now known as engineering was all included under the term architecture.



PROF. DUGALD C. JACKSON

But little theoretical knowledge was available at this time, and the man practicing architecture was forced to depend chiefly on his own skill and originality. Without doubt the greatest inventive genius of his time (and probably the greatest one who has ever lived) was Leonardo de Vinci. The enormity of his genius is astounding. If he had but had a motor of some description one can hardly contemplate a limit to his inventive work.

While all of the early engineers were self-taught men, the engineer of today must know all about the previous work which has been done in his profession, and besides he must be a many-sided man, well informed on general topics. To be a "good mixer" will prove a most valuable asset in his business.

It is also necessary that he be resourceful, original and a quick thinker, and his work must prove to be both efficient and economical.

Fallacy, errors and mistakes will wreck one's engineering career, for in engineering work a radically wrong hypothesis cannot survive.

Such professions as law and medicine have certain ethical codes that their members live up to. Now it has often been hoped that such a code could be formed for engineering. This

(Continued on Page 3.)

FIRST ENTERTAINMENT OF YEAR LAST NIGHT

Mr. Seth K. Humphrey of Technology Club Spoke on "Messina and French Africa."

AUDIENCE VERY APPRECIATIVE.

Scenes of Recent Earthquake in Sicily and Italy Visited and Many Interesting Pictures Shown.

At the Union, last night, the first Friday night entertainment of the year was held in the form of a very interesting talk on "Messina and French Africa," by Mr. Seth K. Humphrey, Vice-President of the Technology Club. The talk was delivered to a small but appreciative audience. Some fifty photographs illustrated the talk. The places visited, in order, were the Azores, the Gibraltar and two days later Algiers was reached. Algiers is a typical French town and is rendered unbeautiful by the apartment houses that are numerous there. In the country, however, the scenery is very beautiful. At Naples, the principal sight is Pompei. The villages about the district are built on cliffs that rise directly from the sea. At Messina, the next city visited by Mr. Humphrey, the earthquake that had occurred had made the place desolate. The pictures shown gave an excellent idea of the effects of the earthquake of last January. The problem of housing the refugees was a big one for Italy to deal with. From Messina, Palermo was visited. Here was the principal refugee station. The last place of importance was Biskra. One of the most interesting things of that place is the orgy of the negro inhabitants. These negroes are really freed slaves, who, once a year, work themselves up into a frenzy during the day and finally at a signal they fall upon a calf that had been led about all day and tearing it to pieces, eat it raw and suck up his blood. Biskra is an oasis in the desert of Sahara, and makes a specialty of date palms.

Then the tour went back to Algiers, and from there the route was essentially toward home. Mr. Humphrey was warmly applauded and very favorable comments were heard after the talk.

PROF. SEDGWICK TO PRESIDE OVER MILK COMMITTEE

Professor Sedgwick left for New York yesterday morning to preside over the Section on Public Milk Supplies and the Public Health of the New York Milk Committee which is holding a series of conferences today and tomorrow upon the general subject of city milk supplies. The title of Professor Sedgwick's address as chairman of his section is, "The Milk Problem in America Today."

Everybody out for the Hockey Game tonight. Arena at 7.30.

CALENDAR.

- Saturday.**
- 1.00—The Tech News Board Meeting.
 - 6.15—Hockey Practice—Arena.
- Monday.**
- 4.00—Mandolin Club Practice—Union.
 - 4.00—1913 Cross-Country—Gym.
 - 4.00—1914 Cross-Country—Gym.
 - 5.00—Basketball Practice—Gym.
 - 5.30—Hockey Practice—Arena.
 - 1.00—Tech Board Meeting, with lunch.

THE TECH

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

Entered as second-class matter, Sept. 29, 1910, at the post office at Boston, Mass., under the Act of Congress of March 3, 1879.

S. E. Bates, 1911.....General Mgr. News Board.

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Office, 42 Trinity Place.
Telephone, Back Bay 2184.

All communications should be addressed to the proper departments.

Subscriptions \$2.00 per year in advance. Single copies 2 cents.
Subscriptions within the Boston Postal District and outside of the United States must be accompanied by postage at the rate of one cent a copy.

Printed by Croke Printing Co.

SATURDAY, DECEMBER 3, 1910.

The other day, one of the boys who sells The Tech in the corridors was heard to remark: "Ain't it funny that rich fellers who go to Tech are afraid to spend two cents for The Tech!" We think it strange, too. To see a copy of The Tech pass from hand to hand in Pol. Econ. lecture or in the drawing room, one would certainly think that The Tech was well worth the trivial price, but to note the sales returns, indicating the proportion of buyers, one might judge otherwise. Which is the correct indicator of the value of The Tech to the student body?

We believe we have now practically remedied the cause for complaint concerning the lateness of publication and the lack of convenient distribution. The Tech for some time has appeared in good season and is on sale in the most frequented of the Institute buildings, and yet the sales are not what they ought to be. The Tech man is still close with his pennies and reads The Tech over his neighbor's shoulder. "Funny, ain't it?"

COMMUNICATIONS.

The following circular letter has, we understand, been distributed among the students of the Institute. As stated in yesterday's issue, it is a rule of The Tech as well as of every other newspaper not to publish anonymous contributions. We have publicly offered to print S. P. N.'s letter if he properly identifies himself, and furthermore, I agree to publish the real names of both Demi Tasse and Bud Weiser, provided S. P. N. will permit his to be printed at the same time. How about BACKBONE now? For the personal edification of S. P. N. I will add that neither Demi Tasse nor Bud Weiser are connected with The Tech Board.

MANAGING EDITOR.

Fellow Son of M. I. T.:

Last Thursday I sent a communication to The Tech, criticising the mistakes in their Calendar, which lately have been quite noticeable. The

Tech has failed to publish my communication. Do you suppose that they publish only such communications as "knock" outside activities and fail to publish any article which criticises their publication in the slightest? Perhaps Demi Tasse and Bud Weiser are knicknames for members of The Tech staff. If one cannot make a criticism of The Tech without notifying the editor of The Tech who he is, there probably will be no one who will criticise it.

(Signed) S. P. N.

Editor of The Tech:

Dear Sir:—I note with considerable interest the communication in a recent Tech signed S. P. N. ("Seeing Paris by Night, I suppose.") At least the gentleman is "seeing things" or does not know whereof he speaks. The very idea of defending the Entertainment Committee, which has done nothing all year, is preposterous. Speakers of some note are easy to secure for Tech affairs, as is evidenced by my being personally connected with an activity at the Institute which has no trouble in this line whatsoever. In regard to S. P. N. "innocently glancing through a Tech," I would like to refer him to a remark of one of your "kid" sales agents, who said the other day: "Ain't it hell that there are a lot of rich fellers at Tech who are afraid to spend two cents for a Tech?"

Respectfully,
DIOGONES.

TECH VS. CRESCENTS AT BOSTON ARENA

The hockey season opens tonight at 7.30 P. M., with a game between Tech and the Boston Crescents. The lineup will probably be as follows: Captain Gould, 1911, Sloane, 1912, Stucklen, 1911, Scoville, 1911, forwards; Eichorn, 1913, cover point; Polhemus, 1911, or Woodward, 1912, point, and Bakewell goal. As this is the first game and the Crescents have been champions of the Boston League for the past two years, it is hoped that a large delegation from the Institute will turn out to witness the game.

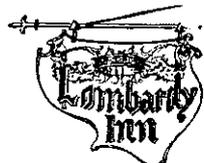
The women at Syracuse are to hold a track meet. Their practice is held every afternoon on a special athletic field. Last year several promising track athletes were developed, and the meet formed an important part of the year's program.

The Cosmopolitan Club of Chicago devoted one of its evenings to a discussion of courting. An effort was made to have the members from each foreign nation describe the methods of love-making used in their own country.

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OPPOSITE YOUNG'S HOTEL

(Continued from Page 1.)
has so far proved impossible, because there has never been a code formed which was broad enough to cover the engineering field. For this reason each engineer must form a code of ethics of his own. "No engineer should loan his name to the exploitations of any company which is a fake, a sham or a snare, and all engineers should see to it that they never accept graft in any form."
At the close of the lecture Mr. Lieb was given a vote of thanks by the E. E. Society, and was elected an honorary member of the society. The society also gave Professor Jackson a vote of thanks for his kindness in preparing so excellent a luncheon and lecture. After a short talk by Professor Dewey the meeting adjourned.

(Continued from Page 1.)
wages; maximum of \$10 per week, minimum of \$5 per week; or if wages less than \$5, then full wages (or 66 2-3 per cent. of wages up to \$7.50 of wages per week, then 50 per cent. of balance until compensation amounts to the maximum of \$10 per week, maximum). Payments not to extend beyond period of 300 weeks.
(b) Permanent disability? Same as temporary disability.
(c) Partial permanent disability? Fifty per cent. of impairment of wages. Maximum of \$10 per week. Payments not to extend beyond period of 300 weeks.
(d) Death?

1. Total dependents.
If orphans, 50 per cent. of wages of deceased.
If widow alone, 25 per cent. of wages.
If widow and one child, 40 per cent. of wages.
If widow and two children, 45 per cent. of wages.
If widow and three children, 55 per cent. of wages.
If widow and five children or more, 60 per cent. of wages.
If widow, father or mother, 50 per cent. of wages.
Children under 16 years of age only to be included, and only during period they are under 16 years of age.
Maximum of \$10 per week, minimum of \$5 per week or if full wages less than \$5, per cent. of wages up to their full wages (or 66 2-3 \$7.50 of wages per week, then 50 per cent. of balance until compensation amounts to \$10 per week, maximum). Payments not to extend beyond period of 300 weeks.
2. Partial dependents?
Fifty per cent. of the portion of the wages contributed by the deceased to the partial dependents.
3. No dependents?
Expenses of last sickness and burial not exceeding two hundred dollars.
6. Length of waiting period? Two weeks, during which period employer shall furnish medical treatment or hospital care, to an amount not exceeding \$100 in value.
7. Shall dependents include aliens and illegitimate relations? Shall not include aliens residing outside the country. Illegitimate children not to be mentioned.
8. Shall employees contribute? No.
9. Shall it be permissible for employers to substitute voluntary schemes? Yes, provided the voluntary scheme covers all points covered by the law and is approved by some public official to be determined in the law.
10. Method of determination of controversies? A system of board of arbitration approved.
11. Nature of scheme: Compensation, insurance, or state insurance?
(a) Voluntary, (b) Compulsory? Compulsory insurance, state insurance. If these not possible then compulsory compensation providing that the employer may transfer his liability by insuring in companies approved by a legally constituted body or official.
12. Repeal of other laws? All other laws should be repealed.
13. Constitutionality. General discussion, no definite agreement reached.
It should be noted in connection with the above mentioned agreements that they represent in practically every case an almost unanimous vote of the conference. This vote, how-

ever, was not in any sense binding upon the commissions represented except so far as expressing the consensus of opinion of the individuals in attendance. There is no question, however, that every commission represented at the conference will be greatly influenced in the drafting of a final report by the conclusions arrived at at this conference. The conference contained representatives of both employers and employees, with a liberal sprinkling of economists, sociologists and representatives of the general public.

Perfect harmony prevailed throughout the sessions, which lasted three days, and at the conclusion of the conference it was voted to publish the stenographic proceedings for the benefit not only of the commissions and individuals concerned in the conference, but of all future commissions that may have the same problems to solve. These proceedings will make a book of about three hundred pages and will be offered for sale to libraries, and it is hoped that there will be a large demand for the book.

A number of conferences of various kinds have been held upon this subject, but it was the general feeling of those present, who have also attended conferences in the past, that no meetings have ever been more productive of valuable results than was this one. At the close of the conference a committee of three was appointed to draft a bill embodying the agreements reached. This committee is now at work, and it is hoped that their report will be in the hands of the several state commissions within the next week.

INTERCOLLEGIATE NEWS.

Prof. Henri Marion, of the Naval Academy, has typhoid fever. Thirteen cadets with the disease are in the hospital. Typhoid anti-toxin will be given to any cadet desiring it, but only 150 of 800 midshipmen decided to submit to it.

A table of statistics on scholarship has been compiled by the Scholarship Committee of Stanford University for the year 1909-1910. The figures show that the academic standing of non-fraternity men is better than that of those belonging to fraternities. Although but 27 per cent. of the total registration of men belonged to fraternities, 32 per cent. of the deficiencies were found among fraternity men. On the other hand, among the women, the figures favor those who are members of sororities.

Of the 2000 men in attendance at the University of California, only about 350 are members of fraternities.

The enrollment at Princeton this year shows an increase of 69 over that of last year, making the total 1469. In the classification by States, New York holds the lead in the number of students, with New Jersey and Pennsylvania following.

The Senate at Case is considering the adoption of a college pin.

Professor George Oscar James is giving a course of six lectures to Senior Engineers at Washington University on "The Mathematics of the Aeroplane."

A library erected to the memory of John Hay was dedicated at Brown on November 11. Many prominent statesmen took part in the services.

The heaviest man who has played at Yale since 1900 weighed 265 pounds; the tallest man was 6 feet, 4 inches, and the oldest was 26 years. Nineteen players under twenty years have been on the squad since 1900.

The Dean of Women of Cornell in a speech at Michigan expresses her disapproval of large dormitories for women. She says that the advantages of a hall containing 100 to 400 women are far outnumbered by its disadvantages.

"The use that a student makes of his time is a test of character * * * the most economical use of time occurs when students have systematized their time," says President Thompson of State.

Each year the University of North Dakota holds a "free-for-all" debate.

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ASSISTANT MANAGERS OF TECH SHOW.

Competition for assistants in Tech Show, 1911, has begun. There are three assistants to be chosen, preferably one Sophomore and two Freshmen. Manager Lendaerts will be in the Show Office, Room B, daily, from 1 to 2 o'clock, to meet all candidates.

SENIOR PORTFOLIO ELECTIONS.

Ballots for Senior Portfolio Committee elections have been left at the Cage for every man carrying a majority of subjects with 1911. Ballots due at the Cage Monday, December 5, at 4 P. M.

H. F. DOLLIVER, Clerk.

1912 PROM. COMMITTEE.

All nominations signed by ten men must be at the Cage by 4 P. M., Monday, December 5.

J. L. BERRY,
P. W. DALRYMPLE,
BATES TORREY.

NOTICE.

Tech News Board Meeting Saturday, December 3, at 1 P. M.

CIVIL ENG. SOCIETY PINS AND FOBS.

Design posted in Eng. A Bulletin Board. Plain Pins, 80c.; Pin with safety catch, \$1.00; Black Leather Fob, \$1.00. Members may obtain same by placing order with I. D. Powell, Wm. H. Coburn, or H. P. Ireland, AT ONCE.

LOST.

A small black leather-covered note book with owner's name inside front cover. Finder kindly leave at the Cage. (3)

NOTICE.

Gentlemen, I call to your attention that I will pay more for your 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. (tf)

NOTICE.

Two volumes of Technique for sale, 1894 and 1895; 1895 is dedicated by President Walker and has his picture as a frontispiece. Apply at Room 36, Walker.

Ben Ellis, 94 Dudley street, pays highest prices for Students' cast-off clothing. Send postal and will call. Nov 22 (1)

NOTICE.

Lost—A Cravenette Coat in Eng. B. or Eng. A, Thursday afternoon. Finder return to the Cage and receive reward. F. C. Weiss. (3t)

AERO CLUB.

Trip to Burgess Works today. Meet at North Station at 2.15 P. M. Train for Marblehead leaves at 2.30.

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