

# THE TECH

VOL. XXXI. NO. 104

BOSTON, MASS., TUESDAY, FEBRUARY 20, 1912

PRICE TWO CENTS

## ALL INVITED TO HEAR TALK ON PATENTS

Mechanicals Have Secured Mr. W. W. Dodge to Give Talk This Afternoon.

The Mechanical Engineering Society will hold an open meeting this afternoon in 11 Eng. B, to hear Mr. W. W. Dodge, a prominent Washington patent attorney, speak on "How a Man Can Protect an Idea That He Wants to Patent." Mr. Dodge, in accepting the invitation to speak, said that he plans to leave out the history of patents, and will explain instead the procedure followed in interference proceedings for the determination of disputed priority between different inventors. He has several practical suggestions concerning methods that the inventor might find useful in securing his rights to explain to the meeting. He intends to give some of his views on the relations which exist or should exist between an employer and an employee who has made a patentable invention that can be used in the factory. This question brings up that of contracts between employer and employee, especially in regard to business secrets.

These hints of some of the good things that Mr. Dodge has in store for his hearers are reason enough that the members of the Civil and Electrical Engineering Societies should honor Mr. Dodge's request and attend this meeting in full force. The speaker is one of the most prominent patent attorneys in the country. His son, now a member of his firm, Dodge & Sons, graduated from Course II in 1907.

Besides the members of the Civil and Electrical Engineering Societies the Mechanicals want any Tech man who is interested in patents to come to this meeting this afternoon at 4 o'clock.

## THE WEATHER MAN.

Dr. Abbot to Tell of Effect of Variation of Solar Radiation.

After having returned from Northern Africa during the past month and having pursued his work on nearly every corner of the globe, Dr. Charles G. Abbot, '94, will speak this evening in Huntington Hall before the Society of Arts on some of his world famous work and extremely interesting experiences.

Dr. Abbot is the youngest man who  
(Continued on Page 2.)

## CLASS BASKETBALL.

The Freshmen will go up against the Sophomores in the second game of the basketball series this afternoon at 5 o'clock, in the Gym. The Freshmen will present a much stronger lineup than they did in the former game and will give the 1914 men a lot of more trouble to win.

Morse, who has been playing on the Varsity team, will play on the 1915 team, and this fact will greatly increase their chance of winning. Dalton is another new man who is expected to give the Sophs a chance to win. No admission will be charged, and it is hoped that a crowd will go over to the game and make things interesting.

## HOCKEY TEAM OUTCLASSES PURPLE IN LIVELY GAME BEFORE MANY TECH MEN

Capt. Sloan and Eichorn Stars for the Institute, While Curtis Saves Williams from White-wash by Lucky Bounding Shot.

### THE LINEUP.

TECH.	WILLIAMS.
Yeareance, Fletcher, I. w.	I. w. Curtis, Swain
Sloan, c.	c. Field
Hurlburt, r.	r. de Bronkart
Storke, r. w.	r. w. Cutler
Stucklen, c. p.	c. p. Michael
Eichorn, p.	p. MacNamee
Ranney, g.	g. Cole
Goals made by: Sloan 3, Hurlburt 2, Stucklen, Michael.	
Officials: Referees, Hogan and Skilton; goal, Sutherland, W., and Carleton, T.	
Timers: Kelly and Gates. Time, two 20-minute periods. Attendance, 300.	

Within the sight of one hundred and fifty rooting Tech men, the hockey team wound up its season last night with a clean and decisive victory over Williams, the score being 6 to 1. The game as a whole was not the best exhibition that our boys have put up, but some very good points were brought out, and there was not a real dull moment during the forty minutes that the men were on the ice. "Ted" Sloan was, as usual, the star, and his fine rushing and shooting brought comments from all the spectators. Hurlburt and Eichorn played fine games and both shared honors with "Cap" Sloan. Field, the clever little center of the visitors, played a fast game, and was ably the round rubber, and it was carried toward the Tech goal, but only re-

mained there an instant or two, when the rapid Sloan got it in the end of his stick and rushed it the length of the field, where it was caged, but owing to a forward pass just before it was shot the goal was not counted. Both teams were playing pretty strong at this stage of the game, and the puck remained almost stationary for a minute or two, when Sloan again broke loose, but before he could cage the disk it was carried to the middle of the floor by Curtis, who was playing right wing for the Purple.

### Sloan Gets First Blood.

The Tech section, under the cheer leader, broke forth into the "long M. I. T." which set the team a-going and immediately carried the puck to the vicinity of the Williams goal, but owing to the fine blocking of the goal tender no score was made. Eichorn broke loose with the plate, but lost it in carrying, and it was brought to the Tech basket, where Ranney was all alone, but he succeeded in blocking the attempt at goal and held the defense down until Eichorn was once more in his place. Eichorn again got a start and rushed the ball down, and while it was in the vicinity of the opposite goal Sloan saw a chance and, like a flash, caged the first goal 7 minutes and 10 seconds after the playing began.

After play was resumed, the puck was immediately brought to the Williams goal, but again a forward pass prevented the score being called. Michael of the Purple and White team rushed the puck down to the Tech goal, where he was stopped by the Williams men got the first grip on assisted by Curtis and Michael, the  
(Continued on Page 3.)

## TO RUN HARVARD.

Both One and Two-Mile Teams to Run Thursday.

Although our relay teams did not turn up in very great style at the Columbia games Saturday, the prospects for some good races are strong when they come up against the fast Harvard teams Thursday at Providence. The Harvard teams are both fast ones, but our two-mile team has four of the best milers that have ever represented the Institute, and judging from the results of their trials, in which several of them broke the half-mile Gym record, it is hard to dope out a winner.

In the Dartmouth race, at the B. A. A. games, two weeks ago, the one-mile team ran up against hard luck and were defeated, one of the men falling down. The team is a fast one, with three old men on it, and they are all fighters and it looks as if they will carry home at least one of the banners.

## MUSIC WRITERS CHOSEN.

Six Men to Write Music For Remaining Lyrics.

Coach Sanger and the authors of the Show, Edwin C. Vose and Wellesley J. Seligman, were present at the second and final tryout for the music writers of the Show held in the music room of the Union last Saturday afternoon. Seven compositions have been selected from those submitted and they will soon be printed for use at rehearsals.

The following men were chosen for the trials as the best suited to the needs of the Show, and they will compose music for the remaining lyrics, some twenty in number:

J. M. Hargrave, K. W. Faunce, S. E. Clark, P. H. Taylor, A. E. Howlett, G. S. Stevens.

They will co-operate with Coach Sanger, and it is expected that many catchy songs will be produced.

## PROMISED BRILLIANCY FOR COSMOPOLITANS

No Effort Spared for Anglo-American Dance—Foreign Officials to Be Present.

The Anglo-American Dance which is to be held by the Cosmopolitan Club on Saturday evening, February 24th, bids fair to be the most brilliant function ever given in the name of Technology. With the untiring efforts of the committee in making every appointment complete, the promise of a large number of Institute men, together with the many foreign dignitaries and officials who will be present, its success seems to be very much assured.

The ball room of the Hotel Tuileries has been selected on account of its fitness from every point of view and will be decorated very elaborately to conform to the nature of the affair, many novel and interesting features being introduced into the decoration which will greatly enhance the brilliancy of the occasion.

The Committee has been very fortunate in having their invitations to be patronesses accepted by the following ladies: Mrs. Richard C. MacLaurin, Mrs. Elwood B. Spear, Mrs. Robert P. Bigelow and Mrs. Seiskar M. Gunn, as well as in the many acceptances received from foreign representatives in this country, including the British and Mexican Consuls and other members of the various consular staffs.

It is needless to say that an excellent program will be well played by Poole's orchestra, who have been retained, for every Tech man needs no introduction to them, and, final, the dance order, which will include  
(Continued on Page 2.)

## SHOW MEN TO REPORT.

The following men are to report to G. R. Thayer at the dining room at 4:00 P. M. today. Candidates for Assistant Stage Manager will please report at the same time.

Alt, Breck, Brown, Cardinal, Dalton, De Florez, Faunce, Hastings, Hiller, Ireland, Isaacs, McEwen, Ott, Rennie, Robinson, Salisbury, Scudder, J. S. Selfridge, S. W. Selfridge, P. Shedd, Spencer, Swenson, Wilson.

## CALENDAR.

In Charge of S. H. Taylor, 1914.

Tuesday, February 20.

4.15—Mandolin Club Rehearsal—Union.

4.00—M. E. Society Meeting—11 Eng. B.

5.00—1914 vs. 1915 Basketball—Gym.

8.00—Dr. Abbot on "Sun's Radiation"—Huntington Hall.

Thursday, February 22.

No TECH today.

Exercises Suspended.

Second Basketball Team vs. Boylston Five—Roxbury Y. M. C. A.

One and Two-Mile Relay Teams against Harvard at Providence.

Friday, February 23.

4.15—Glee Club Rehearsal—Union.

4.15—Mandolin Club Rehearsal—26 Lowell.

Saturday, February 24.

Second Basketball Team vs. Dartmouth Freshmen—Hanover.

8.00—Cosmopolitan Dance—Hotel Tuileries.

# 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.

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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 Rutter, 147 Columbus Ave.

TUESDAY, FEB. 20, 1912

In Charge of Wednesday Issue.

EDITOR—B. E. Adams, 1915.  
Associates—C. E. Chatfield, 1915.

Success to the architects.

## FORE!

Someone is aroused. Today's communication looking toward a re-establishment of a golf team indicates that there slumbers a desire to support congenial activities among some men if others are similarly disposed. It would be unfortunate to start a hockey tournament even if it meant that men would be drawn from the already too scantily peopled athletic teams, but if there are men not now interested in some team it might be well to again start the sport in the Institute. While not a major sport, it is, to those who like it, a healthful pastime, and for that reason may be valuable. Should a team or tournament be started, we trust it will be attacked in an earnest spirit, and not left to itself as tennis teams have been in the past.

## CLEAN IT OFF.

We regret to call attention to the sloppy condition of the small bulletin board in the Union. Indeed, it might have been more to the point to speak of it some weeks ago, as it had then reached the height of its ill appearance. However, though improved, it is not yet decent enough for a place in the Union.

The requirements call for four tacks on each notice, and also that the notices be dated. The requirements are not lived up to, and speaking of the four tacks, it is a nuisance to be obliged to bother to find four. We would suggest that the rules be changed for a more convenient method of attachment, but whatever be the rules, it is the duty of the committee to see that they are complied with. The point is obvious.

The offices around the Union are busy places these days!

Two goals in seventy-five seconds with a third coming the next minute is pretty fast hockey!

Seems a shame that there aren't as many men in the Institute who want to see Tech beat Williams as there are who are interested in the Show.

## ELECTRICALS VISIT "RIVER WORKS"

Professors and Men Shown  
General Electric Works at  
Lynn.

The Electrical Engineering Society spent a very pleasant afternoon yesterday at the General Electric Company's Plant in West Lynn, the station generally known as the River Works.

Twenty-five men of the society, accompanied by Professor Wickendon, Mr. George and Mr. Green, made the trip and were first shown through the motor department. Here the motors are made, and the men were shown the method of winding and assembling them. The turbine room was next visited but not much time was spent here, for most of the men were familiar with this type of engine from their visits to the power station in South Boston. The last place to be invaded was the apprentice room where the young men employed by the company are given both a theoretical and a practical knowledge of the machines which they are to handle in the factory later.

Altogether three hours were spent at the plant, and they seemed to pass very quickly to the members of the society, who were kept intensely interested throughout.

The society is to make another trip to the Lynn plant, Wednesday, Feb. 28, and all members who were unable to go yesterday are cordially invited.

## COMMUNICATION.

(We invite communications from all men in the Institute on important subjects. We take no responsibility for their sentiments and do not agree to print any that may come in, whether they are signed or not.)

## THE TECH:

A few years ago the Institute had a golf team, which, however, died out for lack of good players, interest, or some other reason. It seems that there ought to be enough fellows here at present capable of appreciating the game and interested enough to come out and say so. I hope that through your columns interest may be aroused so that either a team or an individual tournament may be started this Spring. I hope that all the fellows who play the game will make known their ideas as to the possibility of such a project.

A. E. Howlett, '13.

## COSMOPOLITAN DANCE.

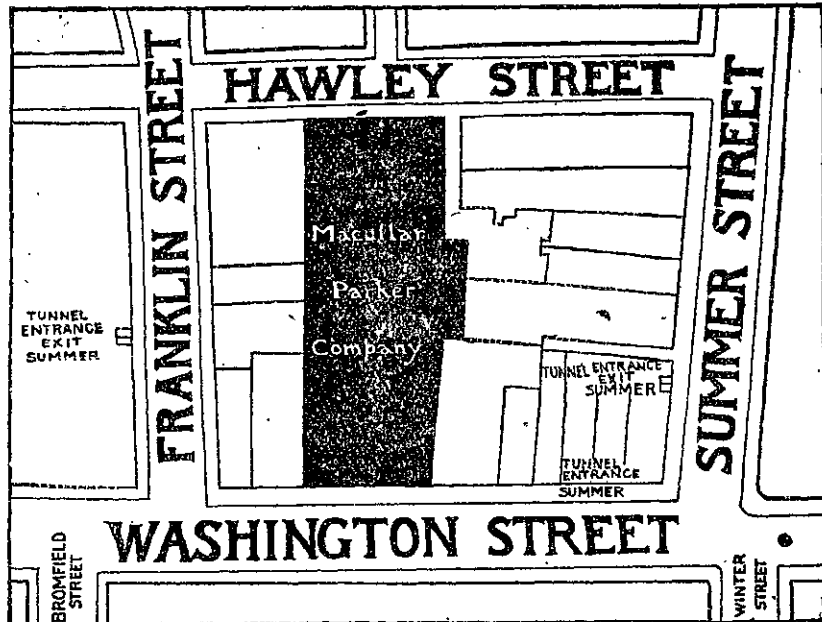
(Continued from Page 1.)  
eighteen dances, will be announced Friday.

Any men who have not yet signed up may still do so with any of the following committee: C. H. Carpenter, L. H. Lehmaier, B. H. Morash, some of whom will be in the Union from one to two o'clock daily. These men, together with David Montt, will be the ushers on Saturday evening, and L. H. Lehmaier will be floor director.

## THE WEATHER MAN.

(Continued from Page 1.)  
has ever been awarded the Draper Medal, given for the world's greatest astronomical discovery made during a period of two years preceding the award. He has proved through his work, and shown in his book on radiation, that the heat from the sun is subject to variations which appreciably affect the temperature of the earth, and adds that the changes may be caused by differences in the transparency of the sun's envelope. This fact will be used by weather prophets as soon as the proper observatories can be equipped, for a difference in the radiation of five per cent. is appreciably felt on the earth. It was for the work in this line that he was awarded the honor, and his absolute proof that the difference in solar intensity was at least as great as eight per cent.

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1914 TRACK TEAM.

On Saturday afternoon, February 24th, the 1914 track team will hold a dual meet with Phillips Andover Academy at Andover. The events will be the following: 60-yard dash, 440-yard run, 880-yard run, mile run, high jump, shot-put, pole vault, 50-yard hurdles, 390 yard relay race.

Coach Kanaly wishes all candidates for the team to report at his office at 5 o'clock Wednesday.

TECH WINS.

(Continued from Page 1.)

latter shooting the only goal the visitors made. heavy Tech defense, Eichorn, who passed to Sloan, and the disk was again carried to the visitors' goal for the second score, made by Sloan in 8 minutes and 41 seconds.

Williams Scores.

When the game was started, Eichorn blocked another rush of Michael and carried the puck down, but missed on his shot for the cage. Curtis of the opponents carried the puck to the Tech goal, but was blocked by Stucklen. However, he recovered it in time to push it through Ranney's guard and Williams scored their only point for the game. The time was 12 minutes. During the rest of the first half neither side scored. Two long shots were tried by Tech, but both failed to linger in the cage and the half ended without further incident.

The second half opened with a rush to the Williams goal. Storke was twisted by the change in the position of the goals and rushed in the wrong direction, but caught himself in time and the puck was carried past the Williams defense, and Hurlburt made the first goal for the second half 1 minute and 20 seconds after play started.

No sooner was the india rubber cart wheel dropped by the referee than Sloan took it and was down the ice for an unassisted goal 35 seconds after Hurlburt's. Again Hurlburt repeated the act and another score was made in 25 seconds, making three points in 2 minutes and 20 seconds after the half was started.

The Tech team seemed to be exhausted by these strenuous efforts and the puck harrassed their goal till they recovered, and Storke rushed the puck once more into Williams' territory. Eichorn and Sloan had a merry time rushing the puck back and forth across the ice, but neither could break through the defense of the visiting team and they finally lost control of the disk and Curtis rushed it down to the Tech basket, where a fine trial for a goal was blocked by Ranney.

Fletcher Put In.

The Williams men again tried a rush, but Sloan stopped the ball in mid-air with his hand, but could not recover fast enough to gain headway and take it down. At this point Yeareance was taken out of the game and Fletcher was put in. Hurlburt tried to shoot a basked from a distance, but lost the puck and Fletcher fouled the Williams man in trying to take it away, and was put out of the game for two minutes, with the first penalty of the game. About 30 seconds afterward Storke tripped up one of the Williams men and was put out for two minutes, leaving Tech with a five-handed team for a minute and a half. Williams could not take advantage of this weakness, however, and no score was made while the players were out.

Soon after they came back into the game, Stucklen carried the disk the whole length of the field and caged the last score in 18 minutes and 25 seconds. Swain was put into the game in the place of Curtis for Williams, but did not strengthen it any and the whistle blew, leaving the score 6 to 1.

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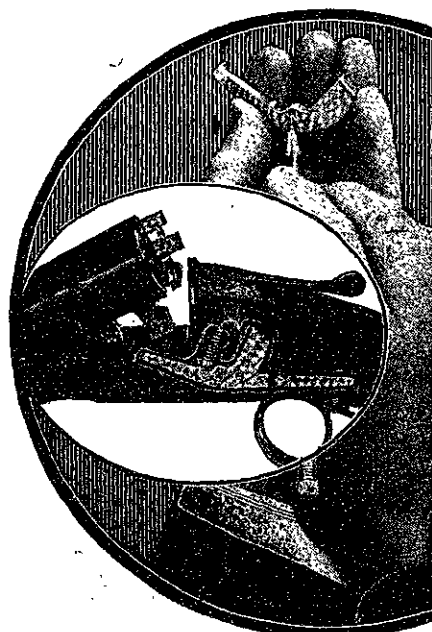
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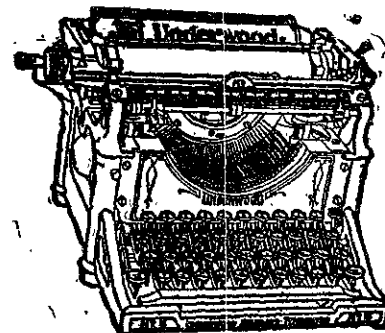
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