THE TECH, BOSTON, MASS., DECEMBER 9, 1911

THE TECH

Published daily, except Sunday, during the year, and twice a month during the summer, by students of the Massachusetts Institute of Technology.

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

Massachusetts Board
H. W. Hall, 1912............General Manager
E. W. Tarr, 1912.........Editor-in-Chief
E. Lyman Pierson, 1912...............Managing Editor
C. A. Carr, 1912............Assistant Manager
A. J. Tabor, 1912............Assistant Manager
A. J. T. Glass, 1912............Business Manager
E. U. Lehtinen, 1912............Art. Manager
J. A. Ptak, 1912............Bookkeeper

Office of Trinity House,
Phone Back Bay 5827 or 5831
Night Phone—Back Bay 532.

All correspondence should be addressed to the proper departments.

Subscriptions, $1.00 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 each copy.

Printed by Houghton, 147 Columbus Ave.

SATURDAY, DEC. 9, 1911.

IN CHARGE OF MONDAY ISSUE.

EUGENE L. TARR, ’12

m E. S. SOCIETY TO DISCUSS HIGH SPEED GASOLINE ENGINES.

Next Tuesday evening, December 18th, the Mechanical Engineering Society will meet in the Union at 7.30. Mr. Senes, Messrs. A. R. David and H. Dasso, will talk on High Speed Gasoline Engines, a subject of interest and importance. Mr. David, due to a knowledge gained abroad during the last year, is well suited to discuss modern European designs. He limnates the foreign makes when an argument is started in the class room, and any man who has any interest in the subject should attend the meeting and hear how the speakers have to say. It is to be a very informal gathering, and all are cordially invited to be present, whether they are members of the Mechanical Engineering Society or not.

Basketball has been abolished by the Athletic Council of Troux. The whole body is objecting and an effort will be made to replace it as one of the college sports.

COMSTOCK DEVICES

LIGHTHOUSE SIGNAL

Invention of Institute Professor, Now in Use to Warn Keepers of Broken Mantles.

One of the professors of the Physics Department, E. F. Comstock, has perfected a little device which will prove of almost inestimable value to the life saving afloat. It is a signal which will cut off the illumination of the lighthouse, to prevent the lantern if the light should go out when he is in such a position that he could not see it.

On the Great Lakes there are a great many beacons which burn gas in a Welsbach mantle of a very fragile nature. On Lake Superior alone there are more than three hundred of this type. In case the mantle breaks in this style of lamp the light is gone, and unless the keeper is right on the job he might not notice that the lantern was not burning.

Professor Comstock's invention is devised to give a signal by means of the difference in conductivity of a compound which is a secret part of his invention, due to the difference in the heat distribution between the mantle when it is whole and when it is broken. It is evident that there will be a difference, for in the first case the mantle is giving off a white light, and in the other case it is merely a blue flame. Its collaboration with Professor Kaluus, formerly of the Institute, this little instrument which keeps guard over the guardians of the sea has been put into commercial shape through the action of this principle.

As the patent has not yet been granted the details cannot be made public at this time, but it is in such a form that it has been accepted by the Government department for use on all lake lighthouses.

INTERCOLONIALS

Meet the Past Boston Team at Arena in Hard Battle Tonight

Hockey enthusiasts will have a chance to see some fast hockey at the Union tonight, when the B. A. A. and the Intercolonial cross sticks for the first time. The men on the lineup of these two teams comprise the best hockey players in the city, and since both teams are out for the championship ship they will take no chances of losing this, the first game. The Intercolonial team is composed of the best players from the other teams, and the Intercolonialists have made the best score against the Institute team.

NOTED TURK AT TECH.

The Turkish government has recognized the Institute as the foremost engineering school of the country, and perhaps of the world, by sending Sahin A. Ejemian here for his education in civil engineering. Ejemian arrived in Boston yesterday and will enter on his work immediately after the completion of his four-year course he will return to Turkey and become head of the government's department of civil engineering.

SOPH'S FIRST GAME.

The Sophomore basketball team will play their first game today at Bridgewater Normal. The Bridgewater team list has been released, and the "Soph" will have to hustle to beat them. Last year the Normal beat the Vassar second team, and have always shown considerable strength in this sport.

The team that will accompany Captain Comber is as follows: Tye, Roff, Williams, Henderson, Claverly, Price and Gallen.

A CHECKMATE to your smoke that bites and burns! Velvet be selected tender middle leaf—aged in the leaf over two years—producing a mellowness that only the measured pace of time can encompass. Force and smoothness of mind, of the softest touch. Pipe smoking with Velvet is a revelation—proving that time only can make tobacco what we would all have—smoother.

"Your Most!"

At all dealers.

SPaulding & Merrick

CHICAGO

2 oz. Tin 10c

STONE & WEBSTER

CHARLES A. STONE, ’93
RUSSELL ROBB, ’94
EDWIN S. WEBSTER, ’93
ELIOT WADEWORTH, ’91

MANAGEMENT ASSOCIATION

Under the Management of Our Organization

STONE & WEBSTER

CONSTRUCTION ENGINEERS

The Tech

12 CHECKS

FOR 15 CENTS

AT CAGE