CAST OF TEXTILE SHOW 1928

The Third Annual Textile Show will once be in the making. Just a word at this time should remind those men who have been interested in the show for the last two years and those new men who will be interested in it this year, that a good deal of material will be needed soon if this make the production the best the school has known. As soon as a play can be decided upon and a cast selected, a call will be made for men to take part in the cast, and for assistants on the managerial staff. It is planned to have things in shape early enough to enable those picked for the cast to work out their part in the December vacation in order to have things in readiness for production sometime in February.

For the benefit of the new men in the school it might be stated that in the last two years "Stop Thief!" and "A Farce of Texas" have been staged by members of the student body with a great deal of success. We are looking to the freshman class for a substantial contribution of material this year.

When the call comes we are depending upon YOU to come out and do your share. Make this show one of which the school can be proud. Let's get together now, and show Lowell what we can do.

Basketball, 1922

SCHEDULE

Jan. 7, Sat.—Fitchburg Normal Lowell
Jan. 11, Wed.—Worcester Institute

Jan. 13, Fri.—Providence College Lowell
Jan. 18, Wed.—N. H. State College
Jan. 21, Sat.—Northeastern Institute
Jan. 23, Mon.—Junior College

Feb. 3, Fri.—Boston College
Feb. 5, Mon.—Norwich University
Feb. 7, Wed.—Northfield School
Feb. 10, Fri.—University of Vermont

Feb. 11, Sat.—St. Michael's Burlington
Feb. 14, Tues.—Boston College

(Continued on Page 3)

Textile Closes Season by Defeating Mass. Aggies

TEAM SHOWS REAL CLASS IN ROLLING UP SCORE OF 35-0

In a game which was filled with classy plays by classy players, Textile rolled up its third victory of the season on Saturday afternoon when Mass. Aggies showed some fight in the first half, but were completely routed in the last half. The game was played on a dull day on a very slow field, but the followings showed the fastest playing of the season.

Textile Engineering Society Notes

Mr. Benoit Gives Interesting Address

On November 16th Mr. A. W. Benoit, from the office of Charles T. Mills, M. E. Engineer, gave an interesting talk on the subject, "Machine Layouts in Wooden and Water Mills. Thirty-four members of the Society were present and had at hand their guests thirty-three Welsh Men. Mr. Benoit's talk, as examples of spindle wound mill and a ten vectorial mill, explained the machine spacing and its engineering problems encountered in mill machinery planning.

In conclusion Mr. Benoit brought out the fact that in making machinery layouts in textile plants the designer must always keep in mind possible future arrangements. He must remember that the size and type of machinery for different situations are constantly being changed, and he must also design his plant that the future improvements in the art will fit into the building which he creates. He must also keep in mind that from season to season their will be changes, and the product of the mill will consequently change, and the machinery organization must be flexible enough to adapt itself to these changes. He stated the need of some material organization. Above all there should be an unwavering credence of machinery which prevent the uninitiated from working to the best efficiency.

At the next meeting the program will be to hand in a speech on this subject. The society has also on the agenda the plans for trips to neighboring textile and engineering plants.

The Textile Branch of the A. S. M. E. will be represented by delegates at the 40th Annual Meeting to be held in New York December 5-9, 1921. The textile delegation will consist of:

E. C. Clapp, Jr.
W. H. Y. Teix
M. R. Bulfin, Jr.

At present the membership in the society is eighty-seven and by the end of the month it is expected to reach fifty. The men in the second and third and fourth year Engineering Classes desire to become members of the A. S. M. E. should send their names to the membership committee composed of:

W. W. Thurston, Chairman
Howard M. Bingham
Geo. K. Lewis
M. Robert Hallowell

See What Our Freshies are Doing

FRESHMAN BANQUET

On last Wednesday evening the freshman class turned out in full force and enjoyed their first banquet. It was not only well conducted, but many such affairs will follow. The spacious hall was crowded. The speeches of the evening were "Millions for defense, but not one cent for the Deps!" Before the formal board was spread, Mr. Cook, who had a previous engagement, spoke a few words on the spirit of the freshman. He brought out the point that School Spirit should always come first and Class Spirit second.

Crockfords from the "Coop"

All out for Class Basketball. We carry a full line of basketball supplies, Satchel Shoes, Shriner, Pants, Knee guards, Stockings, Supporters, etc.

The Text

Electric Light 42 Years Old

Interesting Facts about Edison's Invention. Anviation of Which Is Celebrated This Year.

By E. W. DAVIDSON

Since man first walked the earth he has met the great needs of his daily life by tiring first one thing and then another, persistently, ingeniously, until he got what he had to have. By that means he obtained food that was good for him, and clothing and shelter that was peculiarly intended, and light that has been harnessed down through the ages constantly increasing in brilliance and serviceability from the glow lamp, the tallow-candle, the wick-lamp, and the gas burner to the incandescent electric lamp of today—the lamp whose invention forty-two years ago, in October, 1879, by Thomas A. Edison is being celebrated this year.

Research—the invention which grew out of a man's constant striving for new and better things—unleashed whole groups of professions people by men and women are devoting their lives to scientific improvement of that which satisfies man's wants. And if all this research would be hard to find one that has resulted in such definite benefic to mankind as that in which Mr. Edison played so notable a part in the year 1879.

Long before 1879—in the year 1870—the arc lamp was devised. By 1876 it had become well established for machine illumination. But it was too powerful for home or office lighting. The tool before the electrical researches of Mr. Edison was to "subdivide" it into units small enough for indoor use. Several men and many laboratories—which emitted light from carbon rod in a vacuum—released the carbon from burning up instantly. None of these crude lamps would burn long enough to make them practical.

Thus Mr. Edison entered his remarkable talent tirelessly upon the problem in 1879. For a year by experimenting, making an occasional forward step. He thought a carbon thread would make the best lamp. But it had to operate in a more nearly perfect vacuum than any obtainable at the time. So he made a vacuum lamp to secure such a vacuum. Then he struggled for weeks to find the right sort of material to carbon, to secure a firm, constant thread, and finally carbonized paper.

Having such a fine filament, and one sufficiently flexible, it was necessary to make it operate inside a glass bulb. The extension of the filament and the carbon outside inside the bulb had the be done such a way that the carbon would expand and contract at the same rate as the glass that the carbon would not crack. He produced an alloy of nickel and iron which filled this need.

The first Edison lamp was made October 21, 1879. When it was attached for a trial, electricians in the Edison factories at Menlo Park, N. J. became excited over the number of minutes it would burn before the fragile filament broke. It burned 45 hours. Mr. Edison knew he had succeeded.

Since then the electric lamp improvements have been made in the direct-current lamp. Dr. W. D. Coolidge of the General Electric Co. in 1910 discovered how to make a tungsten filament of all metals, ductile, so it could be formed into filament of any shape, drawing down to a point in minutes thinner than human hair and tougher than any known substitute for lamp use. The tungsten lamps then replaced the far less efficient carbon lamp.

A few years ago Dr. Irving Langmuir discovered that if lamp bulbs were filled with argon, one of the most inert gases in our atmosphere, the tungsten filament would operate at even higher temperatures with even longer life. This resulted in the gas-filled lamp which, in various forms, is one of the biggest products of electric lamp makers today.

Thus, one thing and then another has been tried by experimenters in lamps just as to pedantic man made his crude efforts to his own beloved. Electrical research has given man a better and better lamp that the man of today is among the moon and four hundred million years old, having a lamp twenty-four hours all around the world. The same lamp lighting up twenty-twenty-four hours all around the world. The same lamp lighting up twenty-four hours all around the world. The same lamp lighting up twenty-four hours all around the world. The same lamp lighting up twenty-four hours all around the world.

A lamp invented by Mr. Edison's original lamps and the cost of lighting in 1879 was but three per cent of the cost in 1818.

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Alchemical Society Holds First Meeting of the Year


Fraternity Notes

SIGMA OMIPA PHI

The freshman number of the Eta Chapter of the Sigma Omipa Phi Fraternity was installed on November 8th at the fraternity house at 416 Vermont Street.

It is the social work of the chapter for the term that made an extra-curricular success. The rooms were specically designed for the occasion to give the house a touch on a regular holiday appearance.

During the evening a auspicious report was given a song of the "sister" music, "fragrant" tobacco, and last but not least, regular, economical good will. (medical joke excluded), the freshman enjoyed an evening long to be remembered.

PMI PHI

The Gamma Chapter of Phi Pi Fraternity held its first house party of the season the weekend of November 15th and 16th. The chapter house was given over to the ladies while the boys lurked back where they could, Saturday, which was a bad idea, prove to be a bad day for spectators at the Marylandi Aggies football game. But the game furnished a good brand of excitement and entertainment. The result we all know.

Saturday evening an informal dance was held at the Vesper Room, which was gaily decorated with fraternity and College banners.

The week end was voted a complete success was served and served with the "sister" music, "fragrant" tobacco, and last but not least, regular, economical good will. (medical joke excluded), the freshman enjoyed an evening long to be remembered.

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Then you begin to find out how good they are—

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MEN'S WEAR

STREET FLOOR

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Chemical and practical training in all processes of textile manufacture including all completed fibers.

Certified graduates of High Schools and Academies admitted without examination.


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See What Our Freshies Are Doing

(Continued from Page 1)

Then sufficed forth the wants. The minute of the evening that oil could be ex-empted with cooking and eating, with clean, with Meets. During the dinner the Sophs were introduced to the throng of the freshmen, and had they come, they surely would have been welcomed. Special tables and "jellies" were amiable this late hour.

After everyone had been refreshed with the various courses, Toastmaster Harry Reed intemperate the next speech of the evening, Mr. Wildfield. Our alway-tongued visitor thanked the class and its officers for the invitation, and also served them until the end through the three, four, or even eight years of their stay at the school. Our worthy president, Mr. K. N. and Mr. M. O. gave a few words each on the spirit of the freshman class in addition. Both urged their classmates to make a better showing in the sports to follow. Just before departing, all freshmen rose and under the leadership of R. C. Clay, gave a play for 1825.

Down through the square, in slain flax, the freshman breathed their last. On arriving at the home of the Soph's President, Mr. C. D., a hearty cheer of appreciation was given him in name. After a word or two from his host, the array of freshmen disbanded.

The freshman class is preparing for a fast happy and basketball season. With Butler and Leclaire in the head of their, and the co-operation of the class, the freshmen should be able to make a good showing against the upper classes.

Alumni News

Andre P. Sneddon, '21, is assistant chemist at the Pasadena Print Works, Pasadena, New Jersey. Mr. Sneddon writes that he is soon to be transferred to the plant there.

Albert J. Miller, of the class of 1922, dropped in at school to renew old acquaintances with his friends. Mr. Miller has been studying in Belgium for the last two years.

Another visitor here at Textile last week was Louis M. Boyd, '21. He is now assistant superintendent of the United Silk Mills of Scranton, Pa.

School Notes

We wonder when the class football championship is to be decided. The ground is getting harder every day.

A ballot for the purpose of accommodating more samples of dyestuffs and textile chemicals is now being installed in the museum. It is expected that the work will be completed by the first of next week.

The Senior class is selling candy, peanuts and cigarettes, the profit from these sales is to be used toward paying for the 1923 section of the fence around the campus.

The Senior Engineer are looking for-ward to the many pleasant trips to be taken in the near future. The places to be visited are as follows:


Even minus meat has lost its luster.

It is understood that Mr. AND Mrs. W. D. Lee will soon be off for the easter-

Tex Men That Know will tell YOU

THAT CHRISTOS PLACE IS THE BEST IN TOWN FOR

Soda, Ice Cream, Candy and Smokes

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PLEASE SUPPORT THEM!!
FROTH

Mr. Weston in Skane: "Mr. Wilton, if you had some bowling in an ice-sheet, would the ice heat or cool the ball?"

Wilton: "It would cool them."

Mr. Weston: "I see you have had experience."

The signs of the school are wondering why our model young men, Moller and Loney, are making such frequent trips into Boston. They say it's on business. Perhaps they have some very special business. But these ladies, oh my, they must be wonderful.

It is whispered that—Mr. Yeaton is interested in photography.

Doc, Olsen: "Would you ring a lawn?"

Hubbard (far away): "No, I'd move it."

Ted Thomas went out to call on a young lady the other night, and got lost on his way to her house. He had to call up a friend and find out where he was, and what direction to go to get to his destination.

Soph: "I notice Thurston is going to the dogs lately."

Frobin: "How's that?"

Soph: "Oh, he's started eating in handkerchiefs."

I kicked a mongrel cur.

He uttered a mournful wail.

"Where did I kick him at?"

Oh, thereby hangs a tail.

"Old! What a curse," said the gamer as it came around the last stretch.

Lucy: "What are you thinking about?"

F. J. Bird: "Just what you're thinking about."

Lucy: "If you do, I'll scream!"

"Hair-trigger" Trevors, King of the Stockroom, takes this opportunity to announce that his supply of rubber boots for use in the dye lab is limited. "First come, first served," says Hair-trigger.

Prof. Tapler advances the argument that Le Chatelier (a famous physical chemist) was a bartender.

Mr. Hamer, Mr. Cheby, Mr. Smith, and Mr. McGowan, and their lady friends went on a looking expedition Sunday that resulted in many exposures and a very enjoyable time.

"Davy" Yeaton: "What is steam?"

Larry Spalding: "Steam is water gone crazy with the heat."

Mary wore her new short skirt,

Cut just above the calf.

Who ever a dim about Mary's hand,

Now we can see her call.

—White Rose.

The second warm room "derby" will be run off next Thursday afternoon with Mr. Hubble and Mr. Buxton the favorites.

Doc Glenn had spent several hours in finishing a table; the chairs stood around in awe of the finished linen cloth.

"What is the name of that cloth?" asked one of the group. As the creation was entered a shower of mud and stones came thru the window striking the cloth.

"That," said Doc, "is a French Kid Finish."

The "Dirty Dozen of the Dye Lab" hereby give notice that they will strike when the water on the floor reaches their ankles.

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