S. INST. TE



FRESHMAN NUMBER



The Massachusetts Institute of Technology Cambridge

RICHARD C. MACLAURIN, M. A., Sc. D., LL.D. President

THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY offers courses in Civil, Mechanical, Mining, Electrical, Chemical, Sanitary, and Architectural Engineering; in Chemistry, Electrochemistry, Biology and Public Health, Physics, Geology and Naval Architecture, and in Engineering Administration.

Graduates of colleges and scientific schools of collegiate grade are admitted without examinations, to such advanced standing as is warranted by their previous training.

Correspondence should be addressed to Prof. A. L. Merrill, Secretary of the Faculty.

NOVEMBER, 1919



STONE & WEBSTER

FINANCE public utility developments.

BUY AND SELL securities.

DESIGN steam power stations, hydro-electric developments, transmission lines, city and interurban railways, gas plants, industrial plants and buildings.

CONSTRUCT either from their own designs or from designs of other engineers or architects.

REPORT on public utility properties, proposed extensions or new projects.

MANAGE railway, light, power and gas companies.

NEW YORK

BOSTON

CHICAGO

Alex—Charlie Chaplin and two of his laundrymen friends—the hardware trio.

Ander—How hardware?
Alex—Oh, a nut and two washers.

—Punch Bowl

HOW DRY the country seems.
I AM surprised
HOW DRY the brooks appear.
I AM thirsty and I hope
NOBODY CARES if I milk a cow,
OR GIVESheed if I stop by
A DAM to quench my thirst.
—Stanford Chaparral



HIGGINS'

DRAWING INKS
ETERNAL WRITING INK
ENGROSSING INK
TAURINE MUCHLAGE
PHOTO MOUNTER PASTE
DRAWING BOARD PASTE
LIQUID PASTE
LIQUID PASTE
VEGETABLE GLUE, ETC.

Are the FINEST and BEST GOODS of their KIND

Emancipate yourself from the use of corrosive and ill-smelling inks and adhesives and adopt the "Higgins' Inks and Adhesives." They will be a revelation to you, they are so sweet, clean, well put up and withal so efficient.

AT DEALERS GENERALLY

CHAS. M. HIGGINS & CO., MANUFACTURERS 271 Ninth Street, Brooklyn, N. Y. Branches: Chicago, London

College and "Prep" School Men

Clothing for Personality



Leather Garments,
Golf Suits, Sport Coats,
Englishmade Overcoats,
Exclusive Models in Suits,
Overcoats and Ulsters,
Haberdashery, Hats.

Macullar Parker Company

400 Washington Street, Boston, Mass.

"The Old House with The Young Spirit"

Arthur C. Harvey Co.

IRON AND STEEL

374 CONGRESS STREET

Tel.: Main 7000

Boston, Mass.

ANDREW D. FULLER, '05

120 TREMONT STREET

LIFE INCOME BONDS

ARE EASILY WITHIN YOUR REACH IF YOU OPEN YOUR ACCOUNT NOW

THE CHATEAU DANSANT

Next to Boston Opera House Huntington Avenue

Tuesday, Thursday and Saturday Evenings Hall to rent for Private Dances Lessons given by appointment. Tel. B. B. 54442

His Ambition

Visitor: "Rastus Johnson is very shiftless, isn't he?" Sambo: "No, suh. Dat man am de most ambitious niggah what is.

Visitor: "Ambitious?"
"Yessuh. He says he won't be satisfied until his wife am doin' all de washin's in town.'

A New View of Himself

A naval officer fell overboard. He was rescued by a deck hand. The officer asked his preserver how he could reward

"The best way, sir," said Jack, "is to say nothing about it. If the other fellows knew I'd pulled you out, they'd chuck me in." -Awgwan.

Quite the Smart Thing to do this Season

-to be "among those present" at the

Sunday Evening Concerts

of the

BRUNSWICK ORCHESTRA

Under personal direction of MR. LEO REISMAN

In the Egyptian Room of the

Hotel Brunswick

Boylston Street, at Copley Square

During the concert there will be served a

SPECIAL PER DINNER

Daily-THÉ DANSANTS, Brunswick Cafe, 4 to 6 o'clock

L. C. PRIOR, Managing Director

Dinner and Supper with Continuous Dancing in Egyptian Room, 6 to 12.30

ESTABLISHED 1818



MADISON AVENUE COR. FORTY-FOURTH STREET NEW YORK

BOSTON

Little Building
Tremont, corner Boylston Street
Telephone Beach 4743

For Week-End Visits or Football Games by Motor or Train

Ulsters, Fur and Fur-lined Coats and Jackets Shetland Sweaters, Vests, Mufflers and Gloves Luncheon Baskets, Thermos Cases Fur and Wool Robes, Shawls and Mauds Trunks, Bags and Travelling Kits

Send for Illustrated Catalogue

My Dream Girl

"Oh, dear, I don't want to go to the Ritz, the food is too rich. Let's go to Child's."

"Listen, Jack; mother doesn't want me to go to musical comedies. Take me to the movies."

"Orchids are so flashy! Oh, yes, I adore those cute little pansies."

"Why, if you really insist, I'd enjoy a nice, big bag of peanuts, they are so nourishing."

"Would you mind taking me home in a 'bus? All chauffers have their necks shaved and I just hate to look at shaved necks."

- Record

"Those trousers of yours look a bit worn."

"They're on their last legs."

-Lampoon

Some Rouge.

He—"May I kiss your rosey, red lips?"

She—"I think you'd better ask my druggist if it's healthy, first."

—Chaparral

In Which Class Are You?

There are two kinds of people: those who kiss and tell, and those who don't kiss.

—Judge

COPLEY SQUARE BRANCH 579 BOYLSTON STREET

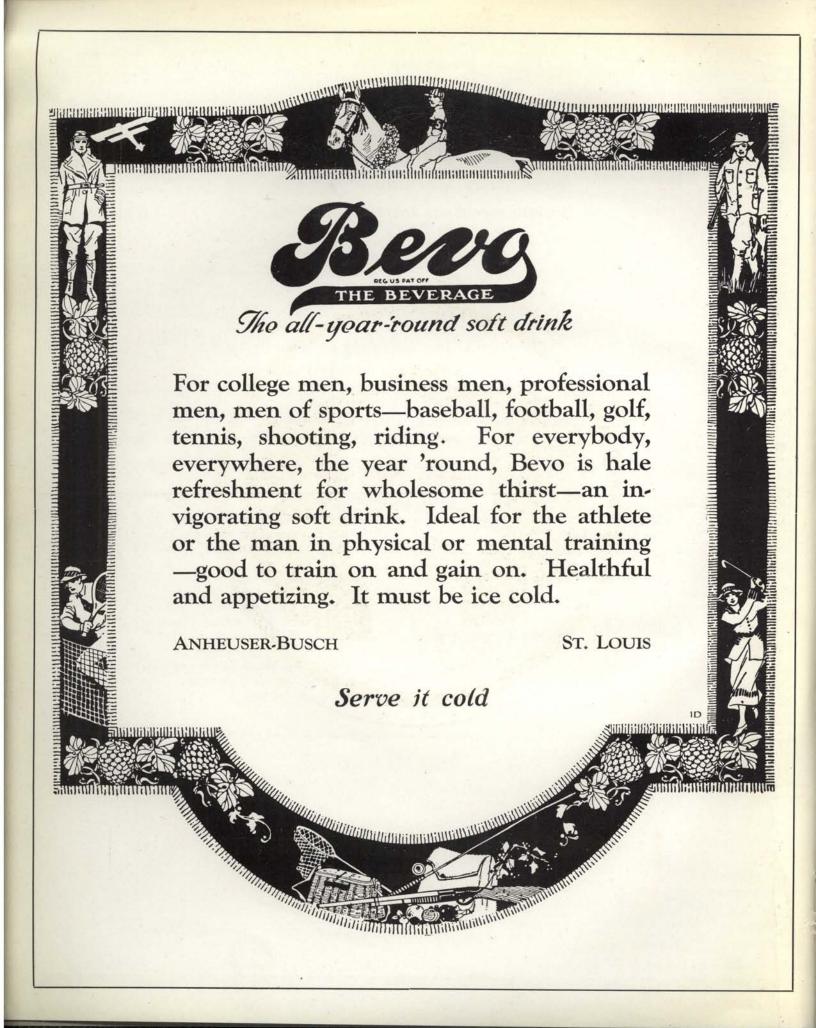
MASSACHUSETTS AVENUE BRANCH COR. MASS. AVE. AND BOYLSTON ST.

State Street Trust Company

Boston, Massachusetts

MAIN OFFICE: 33 STATE STREET

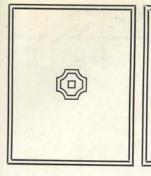
Interest allowed on accounts of \$300 and over

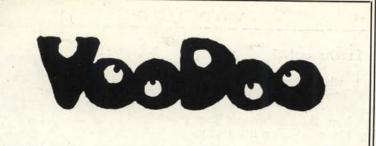


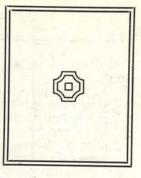




Marie Stafford in "The Shubert Gaieties of 1919."







What Every Freshman Should Buy

1. A membership to the Coop. The Coop is so termed because of its ability to "coop" the eagle on the back of every silver dollar ever coined. This costs the sum of one dollar in return for which you get a book and a number. The book is large enough for memoranda of all dates with your girl, or one assignment in Mathematics. We suggest that you use it for the Math as a college man is expected to be able to remember all dates with a girl. The number is for the convenience of the board of directors. At the end of each year, all numbers are put in a hat. The first one drawn out gets one cent dividend, the second two cents, and so on up to \$4.87, when they begin over.

2. A set of drawing instruments. There are two reasons for buying this. First—to acquire that peculiar "broke" feeling that every Tech man should have. The Coop makes it a point of honor to see that this is obtained by all. Second—the Coop needs the money. These instruments are guaranteed not to spot the paper until five minutes before the drawing is finished. The set contains several instruments, for which there is no apparent use. These are to be strewn around the table while you work, so that you

will look like a regular draftsman.

3. A syllabus of freehand drawing. Don't think that there is any use for this. There isn't. However, it has been the custom in the past to honor the freehand drawing department by buying one. They will appreciate the honor by letting you read the book.

A set of drawings of different ways to make one letter also comes with this. These are to impress upon you the brilliancy of the department in figuring out so many different and difficult ways of doing the same thing.

Perditions of Tech, or who said "Tech is Hell"?

Helens of the Freshman Class. At the 'Stute you must work like Helen B.

1. At the 'Stute you must work like Helen B. Happy.

2. To be successful, you must work like Helen B. Wise.

3. If a blushing co-ed passes, just strain your eyes like Helen Seymore.

4. If your "slip-stick" or a book is lost, go to Helen Hunt for it.

5. If in the lab. you mix something you know will explode, just run like Helen Awl.

You May Know or You May Not Know

That you can't blow music out of a violin.

A canary doesn't care a whoop whether you yell encore or not.

Goldfish bowls have no cellars, neither do their roofs leak.

A parrot will not talk under water.

In all places but Afghanistan and Harvard, three cushion billiards are played on a table with four cushions.

The best way to look at the Woolworth Building is to buy a picture of it.

Rugs will not wear out if attached to the ceiling.



He: Do you like animals?

She: Are you fishing for compliments?

Don'ts for Freshmen!!!!

Don't

Get discouraged when you have signed your name 4,000 times at registration. You are nearly half through.

Expect too much from the lunchrooms hereabouts. The Copley Plaza is just a little ways

across the river.

Touch your hats to the white coated men in

the halls. They are the janitors.

Pay a social call on the Dean as soon as you arrive. He will send for you in January, anyway.

Say "God bless my soul" near the Institute. The faculty has granted sole rights to Professor

Passano.

Buy a new commutation ticket to Wellesley. Lots of disappointed upperclassmen will sell theirs cheap.

Try to date up the telephone girls for a quiet evening. They are here for strictly bus-

iness purposes.

Try to cash personal checks at the Bursar's office. Horace has been Bursar for a long time. Call the assistant instructors "Professor."

They MIGHT object.

Make any plans for next July. You will be

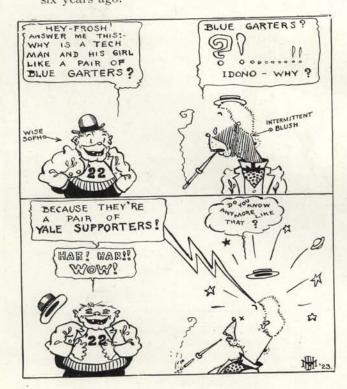
in Cambridge.

Make red fire in the Chemistry laboratory. We added two fingers and a thumb last year to the collection.

Expect any rebate from your chem. deposit.

You will pay more later.

Hunt for the pretty co-ed. She graduated six years ago.





"There, there, little Freshie, don't cry. You'll be a Sophomore by and by."

Ye Hungry Wolves

There was a Tech freshman one day, In WALKER he thought he would stay; To the waitress he grinned, "Oats and milk that is thinned— I'm so hungry I'd eat curds and hay."

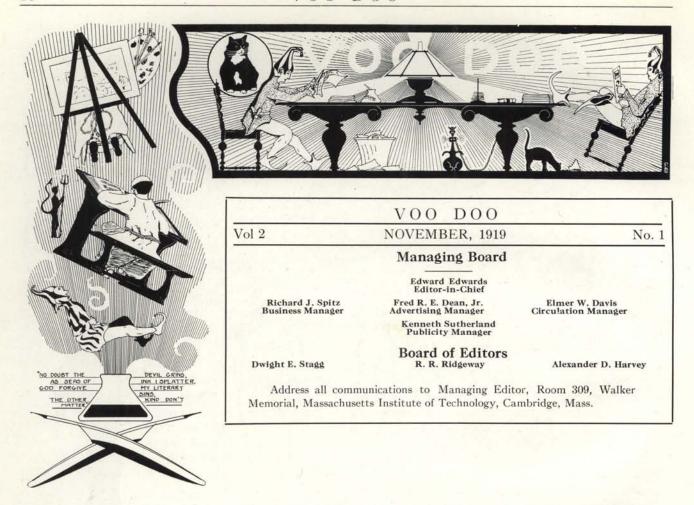
"My son, there is none left of these; All the oats have gone out on the breeze, And as for some milk It is costly as silk; To live in such times is a squeeze."

At the TAVERN he found there were rolls, And doughnuts consisting of holes; As for milk, he could spy Quite enough for a fly— Said the Waiter, "We need larger bowls."

Then WALTON'S his appetite took, Where the menu is ten dimes a look—If you've money to lend Here's where you can spend All the dough you can make as a crook.

If you search in a good dictionary, You'll find how they feed a canary— In a bowl you could mop They put milk by the drop, Oh, ye gods! and ye FRESHMEN UNWARY.





THE Critical Condition of Technology," as told by Doctor Maclaurin in the two inside pages of this issue, represents the basic reasons for the Technology Educational Endowment Fund, which has been actively under-way ever since the opening of the Institute this fall. The Corporation Committee headed by General Dupont, '84, and the Alumni Committee headed by Merton L. Emerson, '04, have perfected the organization of the graduates and former students of Technology for this work, and they have found their love for Technology and their willingness to aid and further the interests of this Endowment Fund untiring.

The least that the present undergraduates can do is to prove worthy of this confidence on the part of the alumni since it is those who are now students who will most benefit by the successful raising of the required amount. This campaign is essentially a "Give and Get Campaign"—if you cannot give, you can get; and if you can give, you can also get. This is the aim of those in charge who have asked that the undergraduate body do its part, and it is with this feeling that the Institute Committee has appointed a sub-committee to ask undergraduates to "Give and Get." A thousand dollars has been spoken of as every Tech man's quota, and certainly if every Tech man either "Gives and Gets" a thousand dollars, the Fund needs worry no longer.

HITHERTO, it has been the custom for the freshmen to organize themselves before Field Day; to rally together for a class dinner. As a promoter of class and Institute spirit, the affair has never been without its good points. True it is that the aftermath, taking the shape usually of a parade, has more often than not resulted in the detention at Station 16 of some of that parade's constituent personages, and equally true is it that at this time the State Guard has its hands full directing traffic without the added difficulty of policing a parade route; but, nevertheless, we recommend that the present freshmen at least join in a dinner to pledge their collective individuals to the development in their class of good-fellowship and good Institute spirit.

The All-Technology smoker, to a certain extent, instills the Institute part of the thing and that is as far as it goes. It takes a live class banquet to get the members of the class together as a unit and to get the individuals better acquainted with those with whom during the next four years of their lives they will be intimately connected.

FIELD Day is now a tradition whose origin and history we leave to our contemporary "the Tech." Being a tradition which possesses both an origin and a history, it is worthy of the notice of all undergraduates. The attendance of each individual at this epic struggle and at its culmination, "Tech Night," is necessary so that each may store up for the future some memory of the years spent here. Aside from representing the ever-present rivalry between the two lower classes, the day represents too, one of the few chances for everyone to get together, chances which, if thrown away, may be checked off as failures to get out of the Institute all the good that there is in it.

If it is necessary to get up an enthusiasm for Field Day, bet on it, and if it is necessary to get up one for Tech Night, procure some of the now unprocurable, but get up the enthusiasm and be on hand.

O editorial page would be complete without mention of the student activities now in existence at the Institute. The need for such an editorial is always present—although happily less this year than ever before. With the largest enrollment the Institute has known, the support accorded all the activities has been gratifying to the extreme.

An excellent barometer of spirit at Technology is the number attending the smokers held at the beginning of the year. Those held so far this year have left nothing to be desired, either in size or enthusiasm there demonstrated. The first of these, the All-Technology smoker, entertained the largest body of undergraduates ever assembled in Walker. The smoker for men from other colleges, at which the Walker Club was host, was one of the best yet given by that organization. And finally, that given by the Show, was well attended and in the words of the prophets: "a fine time was had by all."

One group of activities, which in previous years was granted a proportionately small amount of support, is the Professional Societies. These societies, if supported with some degree of enthusiasm, can be of unlimited good to their members. Introducing, as they do, a more practical side into the study of Engineering. The various organizations attempted the plan this year of conducting their campaigns for membership as a unit and, although definite figures are as yet unavailable, it seems this scheme has proven itself even more successful than hoped for.

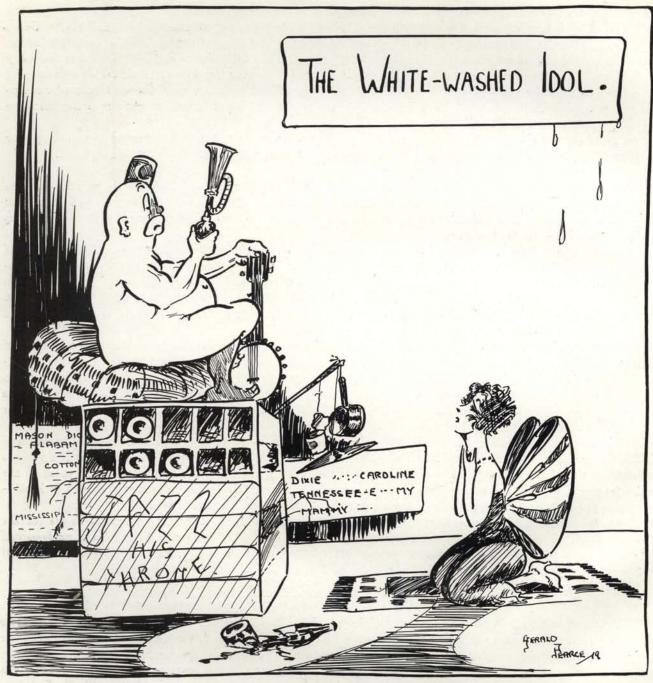
The same spirit manifested in the foregoing instances holds in the competitive activities. The Musical Clubs, Tech Show, Technique, and the Field-Day teams are well supplied with candidates for the various advantages they have to offer. The combination of the point system and the large staff which most of the activities carry, make possible the participation therein of a comparatively large number of men. In itself—an excellent point, as the importance of taking part in student organizations is generally conceded.

This is one phase of the question, the other is up to the individual. Student organizations are for the common good. The question is: are you getting your share from them? Do you belong to your professional Society, do you subscribe to the publications and attend the smokers and games given for your benefit? If you don't do these things, you are missing a great deal of what Technology can give you.

FOR the second time in as many months the eyes of the United States have been upon Massachusetts. The first occasion was the strike of the Boston policemen; the second, the Gubernatorial race between Governor Coolidge and Mr. Long. The question at issue in both cases was that of law and order against pronounced radicalism. To the credit of the State there no longer remains any doubt as to how her citizens feel upon such a vital matter. They demonstrated this in a very conclusive manner at the polls on Tuesday.

The fight between Coolidge and Long lost, to a great extent, party significance, and fell back almost entirely upon that now old subject—the police strike, which was dealt with so effectively by Governor Coolidge. It is a significant fact that Coolidge's plurality at this election was about six or seven times higher than when he opposed Long in 1918, showing that he had gained in popularity by reason of his actions while Governor.

The point which may be derived from this election, however, is that the American people will not stand for disorder, ultra-radicalism, or impossible campaign promises, as possibly they did in days of yore; and proves that Americanism, honor, and decency are yet alive in this country of ours; and incidentally shows conclusively why Socialism, Bolshevism, and other kindred 'isms will be unable to take root in this country. We have no room for them.



Is it any wonder time flies, when the average person's ambition is to kill it?

A pretty girl is like a steamboat. Wherever she goes, the swells follow her.

To stand in front of a bank is a paying proposition, for there's money in it.

Bees are the only winged merchants. They cell their honey.

It is extraordinary that Lot's wife should look around and then turn into a pillar of salt. But it used to be a common occurrence to see a gentleman look around him, and then turn into a saloon.

Only those who remember their first inhale, can realize why cigarettes are called coughin' nails.

Some unfortunate beings always have their hair wet. In fact, it is almost impossible to comb the waves out.

Girls nowadays have stopped carrying their money in their stockings. It isn't the principle of the thing, but the fact that it attracts too much attention.

The City of Happiness is in the State of Mind. Prohibitionists state that water is good. For instance, a teakettle sings when it's full of water. But who the h— wants to be a teakettle?

Book Review

"Things Every Tech Student Should Know" by Arthur Comen Boyle.

Contains explanation of student tax, integral tables, consultation hours of profs. with names of their favorite drink, song, and place to eat. Loose-leaf section giving itemized account of all shows in town with names, ages, and telephone numbers of all girls. List of former saloons for purposes of future and historic (not hysteric) reference. Names of drinks and numbers of Chem. Labs. where ingredients may be obtained. Also directions for mixing, when only a beaker and slide rule are handy. Contains bird'seye view of Tech and tabular view of Harvard, also why they named the river, "Charles." Almanack giving time of high tide in Nova Scotia and New Hampshire with conversion tables, logarithms, and an essay on "How to Pass Thermo-godamics in Two Years." Published by Doublepay and Cage Co. Price of book, with either light black or dark black covers and cast-iron Binding, \$1.50.

Egyptian Room

of the Hotel B u wick Boylston Street at Copley Square Have dinner or supper at the Egyptian Room "Ask the man who owns one."

Wanted—A proof reader, apply the Tech.



English Teacher: "Dorothy, parse the sentence"

"He kissed me."

Dorothy: "He" masculine gender, strong, tall; "kissed" active verb, showing affection; "me," you all know me.

> I stood on the bridge at midnight, The night was full of air. Somebody took the bridge away And left me standing there.



At the Studio Tea

The Professor: "She looks a bit racy, but they say her past is pure as Ivory Soap." His wife: "Yes,—perhaps. But what about that other 56/100 of one per cent?"

The Critical Cond

"The Institute's prestige was never greater nor its opportunities for green men that the unrest that characterizes the times cannot be allayed without green past, increased production will depend on the maintenance of an adequate scome to the Institute from all parts of the country, but Technology cannot reimprovements in all its departments. The various departments are without could not be made were the necessary funds available.

"The Institute has, however, to face a far more serious problem than the its opportunities for service are greater than ever before, it is faced with a condition ment are not speedily provided. This arises from the suddenness with which was in force before the war has been only slightly increased within the last from now not merely unjust but impossible. Under normal conditions a member college, is about thirty years of age when he is made Assistant Professor, at a \$3000. The average salary of the full professors is now \$3600, and only five the salary of the full professors is now \$3600, and only five the salary of the full professors is now \$3600, and only five the salary of the full professors is now \$3600, and only five the salary of the full professors is now \$3600.

"It is unfortunately true that a similar condition regarding salary scal quacy of these salaries falls with peculiar weight on Technology. It differ men with a professional training with an easy outlet for their activities outs man is so much more generally appreciated in industry than was formerly tempted to leave academic life and enter industrial pursuits. With such as it is found impossible now to get enough first-rate men.

"If this condition continues for five years, the results will be most serious, a tute's staff will be depleted of practically all the first-class men except the fit tional institution like the success of a business depends primarily on the quadvance but must inevitably decline unless it continues to attract a large n to above, the total salaries of the Instructing Staff amount to more than hal appreciable percentage of increase in the salaries will exhaust the income from

Cambridge, Mass., November 1, 1919.

lition of Technology

eat national service so good. More than ever before it is appreciated by thoughtful reatly increasing production, and that in the future incomparably more than in the supply of highly skilled technical men. As a consequence, bright young men have rise to the level of the opportunity thus presented unless it can continuously make t exception doing excellent work, but there is none in which obvious improvements

that of providing for continuous growth in the future. Just at the moment when ion that will inevitably mean decline rather than advance if large additions to its endow-the old economic order has been swept away by the war. The scale of salaries that few years, and while it did not meet the needs of social justice in pre-war days, it is of the teaching staff at the Institute, after an expensive education at a first-class salary of \$2000, and about forty years of age when he becomes a full professor at out of a Staff of nearly three hundred receive the maximum salary, which is \$5000."

es prevails in most of the colleges and universities in the country, but the inades from most other educational institutions in having its Staff made up mainly of ide the academic field. Especially now that the value of the technically trained the case; the members of the Institute's Instructing Staff are constantly being salary scale as is outlined above, it is not surprising that many of them go and that

nd if it continues for ten years, the results will be disastrous. By that time, the Institute who have other sources of income than the Institute. The success of an educability of the men that compose the organization, and Technology not only cannot timber of able and enthusiastic teachers. Even with the scale of salaries referred a million dollars, and it requires the simplest calculation to demonstrate that any marge additions to the Institute's endowment."

Richarde Madauren



Coach: Have you taken a shower? Frosh: No, is one missing?

First Qualm For Freshmen

Blessed is the man that walketh not in the counsel of the unlearned,

Nor standeth not in the way of professors,

Nor sitteth not in the back seat of the classroom;

But his delight is in the laws of old Newton And on his laws he doth meditate day and midnight.

And he shall be like a grind with his feet in hot water.

That bringeth forth good marks in examination, Whose allowance doth not wither;

And whatsoever he propoundeth shall be recorded forever.

The unlearned are not so,

But are like sheep which are summoned to slaughter.

Therefore the unlearned shall not stand in the examination,

Nor shirkers in the throng on Olympus.

For the Dean knoweth the way of delinquents; But the way of the studious continues forever.

The Ladies

With Apologies to R.K.

I've taken my fun where I found it, I've roamed and ranged in my time.

And I've had my picking of sweethearts And four of the lot were fine.

One was a girl from Chicago, A millionairess from Nome,

One was the daughter of my Colonel down South, And one is a girl at home.

I ought to know lots about women, But taking them all along,

You never can tell 'til you've tried them And then you are likely wrong.

There's times when you think you mightn't, And times when you think you might,

But I always play safe and don't go too far, 'Cause then I know I'll be right.

My first girl was Barbara Kelly; I met her down at the beach.

I asked if she'd be my teacher, And she sure knew how to teach. She taught me to hold a girl's hand

As if I thought that she were

The only girl for whom I could ever care. And I learned about women from her.

And then I met Dorothy Farrell; Her father owned a big mine.

She helped with my education When I took her out to dine.

She taught me to act politely, And to be the gallant Sir,

And she also taught me the right way to kiss; So I learned about women from her.

My next girl was Caroline Roland;

I met her at Fort Monroe. She taught me the best way to hug her, And just how far I could go.

She showed me all of the clinches, But just so far, as it were;

For she was engaged to a Major in France, But I learned about women from her.

And then I went home from the Army; That's where I met Nancy Clyde.

'Twas she who taught me how to love With all of these arts combined.

Her courses in pets and kisses, True educations they were,

And how I could do them all at the same time, So I learned about women from her.

Since then I've had a dozen others, Now I must pay for my fun.

The more that they all have taught me, The less I have settled to one.

Here I am, sitting and thinking,

Wondering who the next one will be. So be warned by my lot (which I know you will not),

And learn about women from me.

Correction to The Tech Bible

Freshmen will do well to heed the following, which may be termed the collected advice of those who have lived and suffered.

Beware a Wellesley girl: she is a walking advertisement for the Inn.

Beware the Smith girl: she is only after a bid to the Show.

Beware a Sargent girl: she has a mighty right and you may get left.

Beware a Simmons girl: she only knows the theory of cooking, so don't let her practice on you.

Beware a Radcliffe girl: she will tell you more than you need to know about Harvard.

Beware an Emerson girl: she is only a bad actor

learning the game.

BUT-be good to a Co-ed here; she has a hard enough life, anyway-what with the profs. and one thing and another.



Love's Labor Lost

I tried to fix my program so that I could sleep in the morning, have free afternoons, and the profs. I wanted. The profs. I wanted all held classes at nine, or four. So I decided to think only of hours. I worked a long time. I ruined a sheaf of tabular views. I worked another long time. I messed up another deck of tabular views. Then I took the section assigned to me. Another good idea gone wrong.



Artist—That's a beautiful picture.

Wife-I fail to see it.

Artist—But I am willing to admit that it's crude.

Wife—Well???

Artist-Yes, my dear, that's the beauty of it.

Lament of a Co-ed.

My heart is busted. I feel so bad I could cry. Honest I do. And me so young to have all my ideals busted, as well as my heart. You see it's this way. I just saw the man I was so crazy about last term. I can't even bear to think about it-almost. He looked like a nickel's worth of God-help-us in a Fancy Wrapper. And he used to be wonderful. Honest he did. And I saw the man I adored from very afar standing back to the rays of the sun. They (the rays) streamed through them (the ears, which stick out like sugar-bowl handles, though I never noticed it before). It was a terrible sight. Honest it was. This life is so bitter! I just can't stand it!

Rooms

Wanted:-Roomers by young married man, must be unattractive, if masculine.

Room for young man with southern exposure, bay window, and all modern conveniences, including hot and cold running water, etc.



A Word to the Wise.

The Millennium

Year, 1985-

Prof. lecturing to class of Medics at the Harvard

Medical School:

"Gentlemen: We now come to the important subject of physical and mental endurance. It is a well-known fact that the human body, as demonstrated by physiological and psychological experimentation, becomes capable of the greatest performance when work is executed only for short periods daily. It can be demonstrated that half an hour a day is the scientific maximum for working hours. More than this leads to a breakdown of the nervous system. Our beautifully high-strung nerves-like the waves of a wireless love beat, throbbing its celestial heartbreaks, and window smashers, out to eternity-our high-strung nerves, Gentlemen, should not be inordinately imposed upon. When the nerves undergo a great strain, the condition leads to a state of logo-spasm, or even to one of logomania. The overtime schedule of wages now in "Vogue," and the late after-noon "The Etudiants" now indulged in, are our greatest and most insidious handicaps to the rapid advance

of our present-day refined and unadulterated civilization."

"Study renders the superciliary muscles indigent and expressionless. A sitting posture transfers a reflex stoop action torque to the uppermost vertebrae, thus giving a longitudinal stress to the upper pleurocentrum. Continued silence, as if listening—without, however, actually attempting to listen to anything more than the whir of the fingers as one twirls his thumbs—this continued silence, Gentlemen, deadens the earsight. So then, in view of what I have just stated, let it become the daily rule of each of you, individually and delectably, not to work or study, or to make love for more than one full half-hour a day.

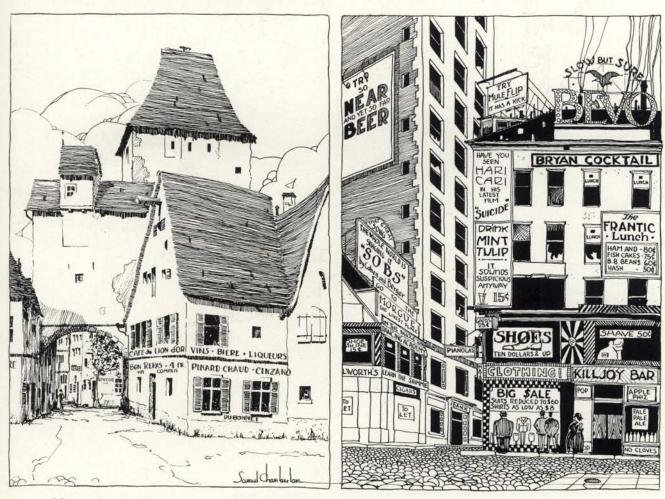
The class is dismissed—and I want to thank you,

Gentlemen, for your considerate attention."

—A mad scuffle, and general movement toward the lecture platform for personal consultation with the professor.

Smith: How's your dog?

Tech: Nope.



Newspaper clipping: It is believed that some of the uneasiness so apparent in our returned soldiers may be ascribed to the sudden change of landscape.

That German Language Mutz.

A Drama by Hinckiedinck.

The audience is requested to remember that in the German language the diphthong "ie" is always pronounced "e" while "ei" is "i." "au"is "ow."

Ring up Rudolph. Peoples

Weizgei-A rich limburgher. Hohgen—An Eismann.

Brigitt-His frauze frau. Hans Auf-a tuffwaiter.

Scene-Wurstroom at the Grabenrun Frielunsch. Hohgen and Brigitt seated at a table. Hans shuffling and cutting the uniederz preparatory to dealing them. Enter Weizgei, dressed in true German fashion of Frockcoht, leitpantz and heihatt.

Hohgen (Singhen raghteim)—"Gittaut thewai

Weizgei (Schowenauf)—"Ein stein fein rhein wein fuhr mein.'

Hohgen—"Gittonter derdood" (to Brigitt). "Wots

eten u, creibabi?"

Brigitt (tierferle)—"My schuh hertz mei tootze." Hohgen (larfen orferle)-"Gitterbigar schuh." (Brigitt grohnz.)

Weizgei (winken)—"O yukid" (Brigitt grinnz.) Hans (buttenin)-"Kaiser doncherwanter beier-

Weizgei-"Gnorr" (sprucenupp) "Hooz thechipp,

naber?

Hohgen (smoken peip)—"Mei weif."

Weizgei (dedmasht)—"Youz tu dein mit mie."
(Sits daun)—"Hans, fisch und apulsass."

Hohgen (sweinischle)—"Minz pei und bienz hier." Brigitt-(scheile)-"Eiscriem und freideg fuhr

Hohgen—"Booz fuhr muh. Eim dreirner kuvud brij."

Brigitt-"Patze is auf der watterwagen. Mein

is fizz. Hohgen (maikenfasiz)-"Stick tu yuhr Unkelmeik."

Hans (butteninagen)—"Der casch iss du." Hohgen—"Pumpernickel in der slot, Bihl." Weizgei (hoppenmad)—"Gotterdammerung."

Brigitt (schocht)—"Norti, norti."
Hans (scairdt)—"Der hausel bie pincht."

Weizgei (sniecken autervit)-"-er-erung, den." Hohgen-"Ohratz.

Brigitt (gittenup)-"Buhle fuhr u, bos. Solong." Weizgei (sweetlismilen)-"Ofer der riffer, deli-

Hohgen-"Kuttitaut, kids, Kuttitaut." (to Hans) "Dohn takenne badmunne."

Hans-"Unomie, Piet."

(Dey leit aut, leitz aut.) Der Endt.

Ossified Ads

Help Wanted-Apply to Sultan of Turkey.

Aint it the Truth?

She met him this summer-at the beach. She saw him mostly in his bathing suit, and at night when it didn't matter what he had on. She swam with him in the morning. She went riding and canoeing with him in the evening. She grew very fond of him. She gave him her sorority pin. He went to Tech, and as she lived in Boston, he called her up as soon as he got in. She went to the Copley with him. That very night she wrote him a letter, saying that her sorority sisters were furious with her for having given away her pin, and would he mind returning it? She would have another made for him. He did. She didn't. That's all there is. There isn't any more.



The Cold Germ.

First Long-haired Student: "No wonder I got more dividends from the Coop than you did. I trade at the Coop Barber Shop.'

Second L. H. Same: "But that wouldn't make more than twenty cents difference.'

"I had a fall last night that rendered me unconscious for six hours.

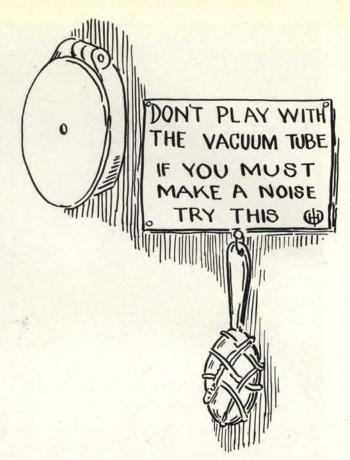
"Uh-huh?"

"Yep, I fell asleep."



Gladys Walton and Ted Lorraine in "The Shubert Gaieties of 1919."





TO THE STUDENT BODY OF TECHNOLOGY

We wish to express to you our appreciation of your patience and also of your loyalty to your store.

¶You showed great patience in waiting to make your purchases, during the opening days. Our sales were 25 to 33 times our normal business and it was impossible to give the service we wished to give.

The percentage of membership to the total registration is as high as in former years and you concentrated your purchases at the Branch the same as former classes have done. This loyal support of your store is what makes for its success.

E. B. NOYES, Branch Manager

G. E. COLE, Manager

TECHNOLOGY BRANCH



Welnt Grip

As Seen

at seeking a well-dressed Chinaman on the street wearing Boston Garters outside his trousers.

In China Though Bostons are worn in every country in the

Recently a friend traveling in the seen them in use. And even in China Orient wrote us telling of his surprise this picturesque way of wearing them

Travelers know that the Boston Garter is worn everywhere. Men the world over appreciate the comfort and long wear given by the Boston-

world, probably nowhere else on a superior service which is the result public thoroughfare could he have of our policy of Quality First.

George Frost Company, Makers, Boston

An Institution Devoted Entirely to Laundering of Family Work



Uphams Corner

Dorchester

Tel.:-Dor. 1005-Dor. 1006

SID REINHERZ

and his Orchestra are open for engagements for Private Parties, Dances and the like. Brookline 6192-J : : :

SAMSON SPOT CORD



For Sash Cord, Clothes Lines, Trolley Cord Singal Cord, Arc Lamp Cord, etc.

Extra Quality, guaranteed free from imperfections.

Send for sample and catalogue of all kinds

of braided cord.

Samson Cordage Works, Boston, Mass.

GRIFFIN

HATS, FUR COATS, CLOTH COATS, CAPS and GLOVES

CORRECT STYLES
FOR YOUNG MEN and WOMEN

Sole Boston Agents for DUNLAP AND MALLORY CRAVENETTE HATS

GEO. L. GRIFFIN & SON, Inc.

HATTERS AND FURRIERS

368-370 WASHINGTON ST., BOSTON, MASS.

The Minister—I bid you good morning.
The Parishioner (the morning after)—Hic I'll raise
you ten.
—Punch Bowl

Sympathy

Sambo:—"Dere am that 'Stew' Smith talking to a brunette. Ah thawt he was rushin a blonde."

Rastus:—"He war and it dyed."

—Awgwan

A Tin Wonder

"He is a man with a grip of steel, an iron nerve, but a heart of gold."

"Aha! A regular man of mettle!"

—Widow

The armless Wonder

Henry—"Hadn't you ought to have something around you to go motoring at night?"

Lizzie—"Haven't you anything with you?"

-Stanford Chaparral

Backfired

Bustee—"Why, Professor, I don't see why you flunked me in that course. I knew it backwards."

Prof.—"That's the reason."

—Widow

Inexcusable.

Mrs. Wilson—"Then the wedding was not altogether a success?"

Mrs. Fitzgerald—"No; the groom's mother cried louder than the bride's mother. It was considered very bad form."

-Judge



makes acquaintance ripen into lasting friendship.

The character and quality of this true ginger product, aged and mellowed, stamp it as perfection in ginger ale.

To those who know it, Harvard Ginger Ale is the first thought when ordering ginger ale at the restaurant and for the

HARVARD COMPANY, LOWELL, MASS. Boston Branch, 45 Commercial Whf. Tel. Rich. 2460



True Patriot.

Mamma (to Willie, sliding down the cellar door): "Willie, what are you doing?"

Willie: "Makin' a pair of pants for a poor little Belgian

Black-"But do you think you give your wife all the credit she deserves?'

White-"Oh, I never protest as long as she doesn't go over two hundred and fifty a month!"-Life

Pat—After all, it's a great pleasure to be missed by someone.

Mike—Shure it is, Pat; if yez can be there t' enjoy it. -Boston Transcript

Get the Hook

Manager: "Have you had any experience at acting?" Ham: "Oh, yes, I have played the part of the nut in Ben Bolt." -Widow

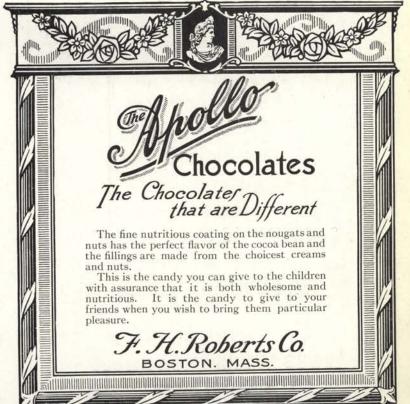
First Student (apologetically)—"Got a cigarette?"
His Roommate (indignantly)—"Say, how many cigarettes do you smoke a day?"

Previous Speaker (nonchalantly)—"Oh, any given number." -Punch Bowl

Its Efficacy

"Do you guarantee this hair tonic?"

"Absolutely, sir!" replied the druggist. "Six bottles of it will produce delirium tremens or your money cheerfully refunded."-Judge



SERVICE EXTRAORDINARY FOR INSTITUTE STUDENTS

TECH MEN'S SHOP
80 MASSACHUSETTS AVE., Opposite the 'Stute

Hats, Shirts, Collars, Laboratory Coats.
An excellent laundry service maintained.
One day Pressing and Cleaning of Suits is our specialty.
Pipes, Cigarettes, Tobacco, Stationery, Candy
TRY US

TEL. B. B. 2552 J

OPEN EVENINGS

LEO HIRSH

Haberdasher

CLOTHIER

HATTER

STETSON HATS

Full Dress and Tuxedo Suits for Rent. 250 HUNTINGTON AVE. BOSTON

WALTON LUNCH CO.

44 Summer Street
8 Tremont Row
78 Massachusetts Ave.
42 Federal Street
242 Tremont Street
629 Washington Street
7 School Street
424 Tremont Street

Office: 1083 Washington Street Boston, Mass.

Collins & Fairbanks Co.

Young Men's Hats Distinctive and Exclusive Styles

Coats, Rain Coats, Leather Coats

Burberry's and Aquascutum

English Coats:::::

Caps, Gloves, Neckties



383 Washington Street, Boston

Visitor—You seniors must feel rather sad about commencement time.

Senior—Oh, yes, but I think I can make 'em up at summer school.—Jack-o-Lantern.

Too Often 'Tis So

Ed—"Have you forgotten you owe me five dollars?"

Ned—"No, not yet. Give me time, and I will."

—De Jonge Monthly

Bolshevism

"Say, Si, what's a semaphore?"
"One of them brass things the Russians drink tea out of."

—Life

L. E. Knott Apparatus Company

Manufacturers of Scientific Instruments

Apparatus for Chemical, Physical and Biological Laboratories.

79-83 Amherst Street, Cambridge, Mass.

HEADQUARTERS FOR

Gillette Safety Razors



ALL THE NEW MODELS:

Standard Sets \$5.00

Vest Pocket Sets \$5.00 to \$6.50

Combination Sets \$6.50 to \$10.00

Gillette Blades

6 blade package \$0.50

12 blade package 1.00

If you already have a Gillette and wish to improve its Service-Call and see our expert

J. B. Hunter Company

Hardware

60 Summer Street, Boston, Mass.

Midnight

Father (Unexpectedly arriving at son's rooming house at school)-"Does Mr Jinx live here?

Landlady (wearily)—Yes—bring him in."—Jester.

Solicitor: - You don't think my job a real one? Why, I'm a traveling salesman. I sell brains, not muscle.

Solicited:-Well, I must say, you're the first traveling salesman I ever saw that doesn't carry a sample with him. -Yale Record.

"Wot's dis here ennui, Bill?"

"It's when a feller gets so lazy he feels dat loafin's blamed hard work." -Boston Transcript.

"Pardon me," he said, "I bought this shirt here yesterday. However, I don't like it and I wondered if I could change it at this counter?"

"O, dear no!" she answered, "you'd better go in a private room."-Widow.

He—"If you'll just give me one kiss I won't ask you for any more."

She-"I've heard that request before."

He—"Well, just give me your usual answer."

-Jack-o-Lantern.

Stude—"Press this suit?"
Tailor—"Sure."

Stude—"I believe I had it pressed here the last time."

Tailor (looking at the suit)—"I don't know. I've only been pressing suits for two years."—Penn Froth.

L. P. HOLLANDER CO.

EXCLUSIVE FURNISHINGS FOR YOUNG MEN

French and English Silk Four-in-Hand Ties

Mufflers

Golf Hose

Lounging Robes

Complete Assortment of Knitted Neckwear also Accessories for Dress Functions

214 Boylston Street, Boston

WRIGHT & DITSON ATHLETIC GOODS are FAMOUS





There are no better FOR FIT FOR WEAR FOR QUALITY

FOOTBALL, BASKETBALL, TRACK, GYMNASIUM GOODS

LEATHER COATS

SPORT CLOTHES

Send for new Fall Catalogue

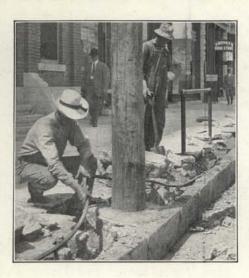
WRIGHT & DITSON 344 WASHINGTON STREET, BOSTON

Providence

Worcester

Cambridge

SIMPLEX STEEL TAPED CABLES



Hundreds of towns and cities today use SIMPLEX Steel Taped Cables to distribute current for street lighting. Satisfactory service is assured because the cables are designed for just this type of underground distribution.

Low cost of installation and maintenance make them desirable from an investment standpoint. Streets need not be torn up; pipes, manholes and catch basins need not be moved, and no conduit is required.

SIMPLEX WIRE & CABLE Q

MANUFACTURERS

201 DEVONSHIRE ST. BOSTON
CHICAGO SAN FRANCISCO

OLD CLOTHES WANTED

BY

MAX KEEZER

Highest Cash Prices Paid for Your Cast-off Clothing

Will call at your room day or evening at your pleasure

1236 MASSACHUSETTS AVENUE

CAMBRIDGE

Telephones: $\begin{cases} 302 \\ 52936 \end{cases}$ If one is busy call the other.

Sad

The serious one—"I, too, had an ideal once."
The younger one—"How did you lose it?"
"I married it."
—Life

A Jem

Jim—"Do you consider the Dean of Men and the Campus Detective faithful supporters of the President?"

Jam—"At least supporters. In fact, you might even call them the President's suspenders."

Stanford Chaparral

Stupid

"He proposed to her when he was in his fourth year in college, but they weren't married until he had graduated."

"I didn't think she believed in long engagements."

Jack o' Lantern.

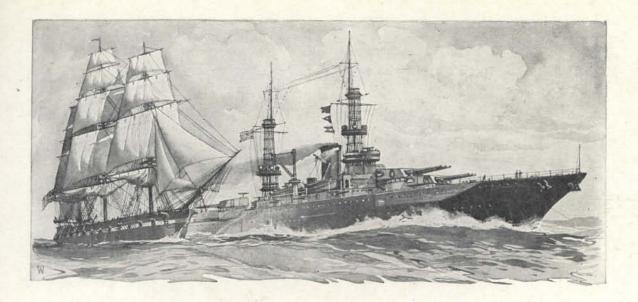
FOR YOUR XMAS PHOTOS

VISIT

CARL J. HORNER

250 HUNTINGTON AVE., BOSTON
OPPOSITE SYMPHONY HALL

SPECIAL RATES TO STUDENTS



The "Constitution" of To-day - Electrically Propelled

THE U.S.S. "New Mexico," the first battleship of any nation to be electrically propelled, is one of the most important achievements of the scientific age. She not only develops the maximum power and, with electrical control, has greater flexibility of maneuver, which is a

distinct naval advantage, but also gives greater economy. At 10 knots, her normal cruising speed, she will steam on less fuel than the best turbinedriven ship that preceded her.

The electric generating plant, totaling 28,000 horsepower, and the propulsion equipment of the great super-dreadnaught were built by the General Elec-

tric Company. Their operation has demonstrated the superiority of electric propulsion over oldtime methods and a wider application of this principle in the merchant marine is fast making progress. Six auxiliary General Electric Turbine-Generators of 400 horsepower each, supply power for nearly 500 motors, driving pumps, fans, shop machinery, and kitchen and laundry appliances, etc.

Utilizing electricity to propel ships at sea marks

the advancement of another phase of the electrical industry in which the General Electric Company is the pioneer. Of equal importance has been its part in perfecting electric transportation on land, transforming the potential energy of waterfalls for use in electric motors, developing the possibilities of electric light-

ing and many other similar achievements.

As a result, so general are the applications of electricity to the needs of mankind that scarcely a home or individual today need be without the benefits of General Electric products and service.

Figures that tell the Story of Achievement

Length-624 feet Width-97 feet Displacement-32,000 tons Fuel capacity-a million gallons (fuel cil) Power-28,000 electrical horsepower Speed-21 knots.

An illustrated booklet describing the "New Mexico," entitled, "The Electric Ship," will be sent upon request. Address General Electric Company, Desk 44, Schenectady, New York.





STARCHED OR SOFT

IS A DEPENDABLE INDICATOR OF A SMART, SATISFACTORY

· COLLAR·

CLUETT · PEABODY & CO. · INC · TROY N.Y

