

COMMENCEMENT



Dr. Samuel W. Stratton
Chairman of the Corporation



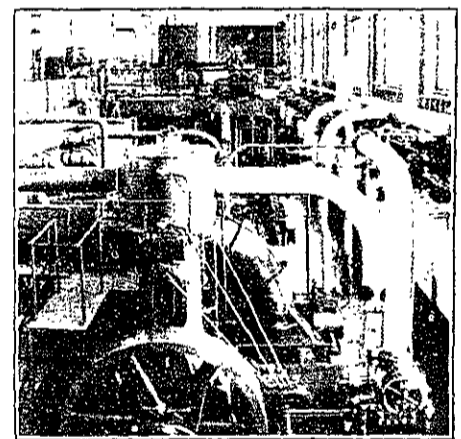
Dr. Ray L. Wilbur
Secretary of the Interior



President Karl T. Compton
Recently Awarded the Rumford Medal



Harold P. Champlain '31
Permanent President of Senior Class



TECHNIQUE RUSH



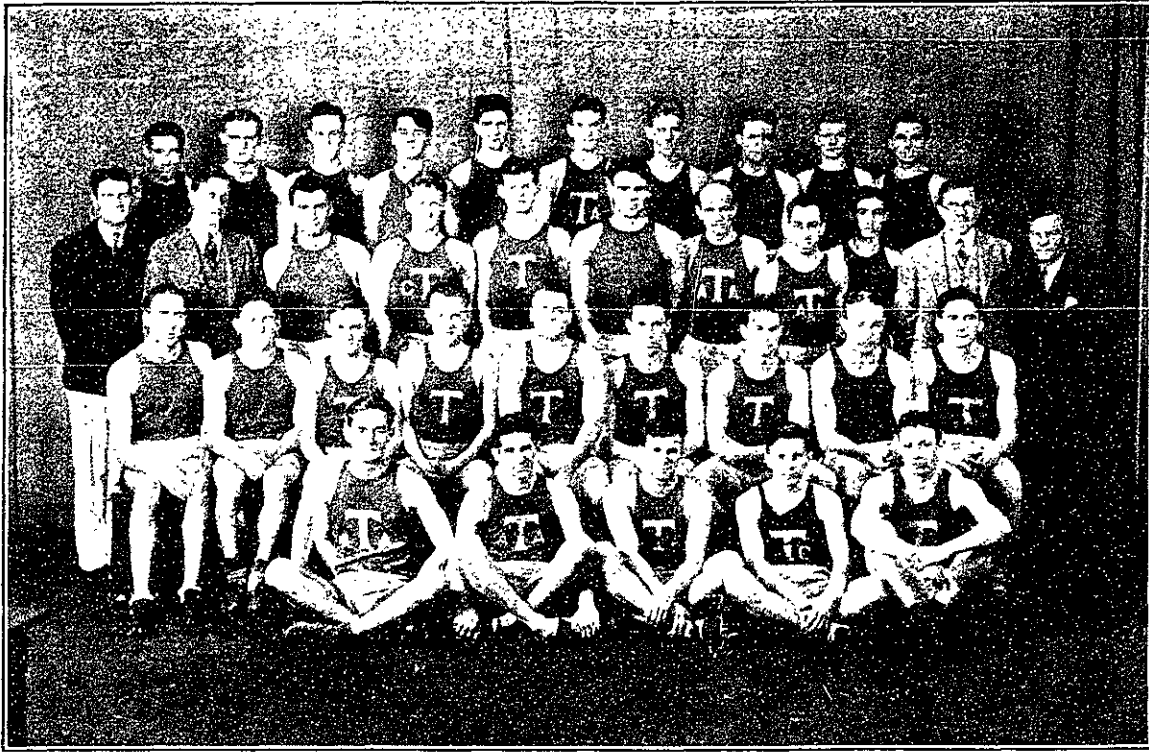
Before



During

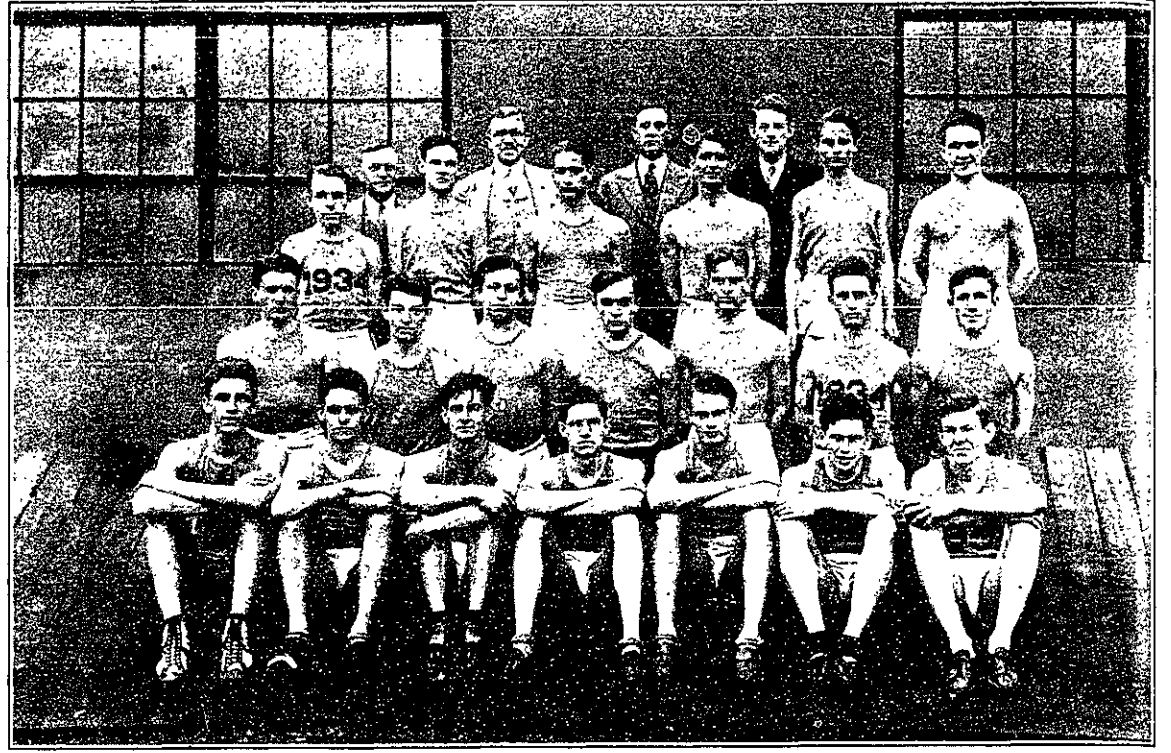


After



Varsity Track Team

Back row, left to right: Kearns '32, Soisalo '33, Atkinson '33, Dworzecki '32, Walsh '33, Mulliken '32, Ross '31, MacKay '33, Green '33, Dahl-Hensen '32. Third row: Kimble '32, manager; Bowie, Etstein '32, Baltzer '31, Benjamin '32, Bailey '32, Hall '32, DeFazo '31, Rosas '33, Johnson, Hedlund, Coach. Second row: Kinraid '33, Hazeltine '31, Gilman '32, Jewett '32, Grondal '31, Coon '33, Albright '31, Moody '31, Robertson '32. Front row, Cree '32, Lynch '32, Leadbetter '31, Clark '33, Wood '31



Freshman Track Team

Hedlund, coach; Johnson, Bowie, Morse, managers. Back row: Moran, Mooney, Sousa, Lockart, Huff, Hopkins. Second row: Hastings, Glynn, Winerman, Hill, Walker, Barrett, Smith. Front row: Crosby, Schwarz, Allen, Bell, Holladay, Mann, Hall



John A. Robertson '32
Holder of Javelin Record

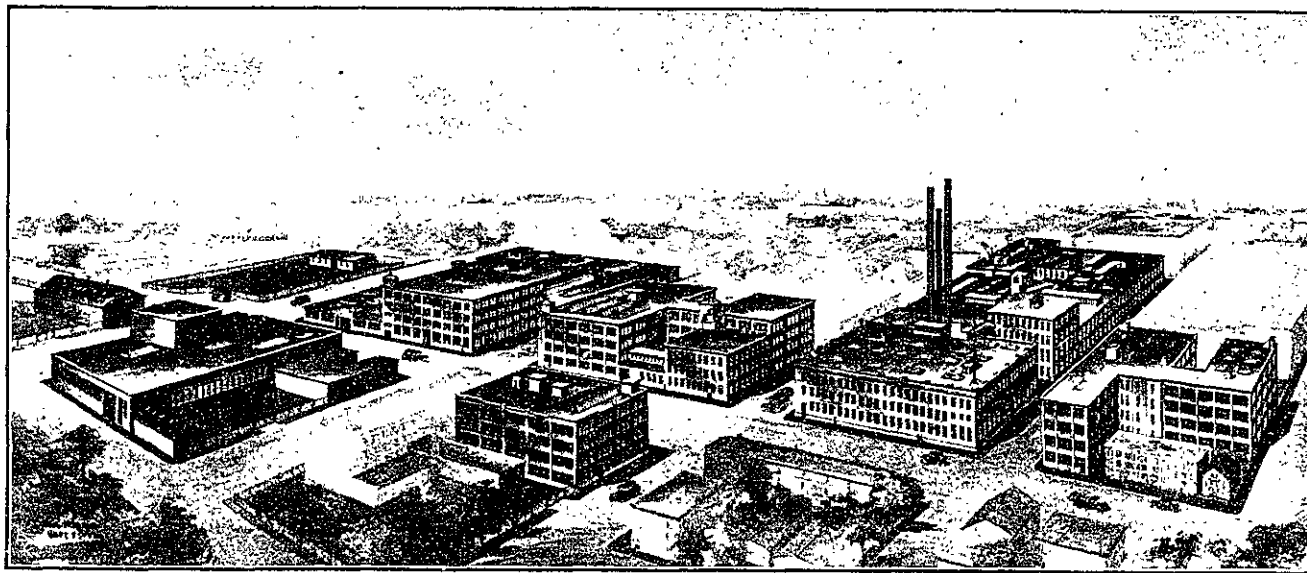


John W. Jewett '32
Captain of Track for Next Season



Bror Grondal, Jr. '31
Holder of Shot-Put Record

SIMPLEX WIRES and CABLES



Plant of Simplex Wire & Cable Co., Boston

The compounding of rubber in the manufacture of wires and cables is a most important process because many physical and electrical requirements must be complied with.

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For a period of over forty years we, as specialists in rubber compounds for insulating purposes, have devoted much time and expense to the development of rubber insulation. Electrical and chemical laboratories, shown in the photographs, are maintained where research work supplements practical experience. In this manner, we keep abreast of the

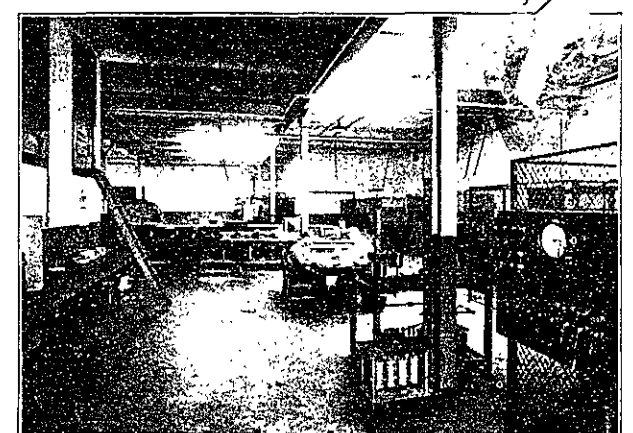
times and prepare for the inevitable changes which must come with future progress in the art of compounding rubber.

Simplex products are made in a factory equipped with modern machinery, operated by skilled workmen and supervised by engineers who know how to produce cables that are second to none. Ample testing facilities keep a check on materials and workmanship to insure highest possible success during construction as well as upon completion of the cables.

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One Room in the SIMPLEX Chemical Laboratories

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AWARD DEGREES TO 635

EXERCISES TODAY CLOSE INSTITUTE CAREERS FOR MEMBERS OF CLASS OF '31

TURNING OF PAGES OF CLASS HISTORY BRINGS MEMORIES

Reviewer Traces Path of Class
Through Four Years At
The Institute

By Ralph H. Davis '31

Today the Class of 1931 makes its exit. After four years of close comradeship and fellowship it is with pardonable regret that the members of the Class bid farewell to each other at this final assembly. This regret is intermingled with hopeful anticipation for the future. We leave behind us friends, many of whom we shall never see again. Faculty members whom we have learned to admire and respect, and scenes of memorable undergraduate life that we shall never forget.

Let us turn back the pages for a few years and see what changes have taken place in our Class. Here and there we see gaps; many well-known faces have fallen by the wayside. On the other hand, since the advent of our Class four years ago, many new faces have appeared, transfers from other schools of learning have swelled our ranks from year to year. For most, it is a day of rejoicing—the coveted diplomas have been won. For those in the Class who at the last moment did not meet the requirements, it is a day of sadness.

Freshman Year

During the past four years events have taken place that we shall long remember. Let us turn the picture back to September 23, 1927. A long time ago; and yet, how short the intervening period. We recall our first impressions of Technology, magnificent to many, commonplace to others, inspiring to all. Freshman camp at Lake Massapoag with our first three days together, the making of acquaintances, the forming of friendships, and the gaining of knowledge concerning Technology undergraduate life and its varied activities, all of which combined to get us off to a good start.

Back to the Institute, pestered on all sides by subscription hounds.
(Continued on Page Three)

CHANGES MADE IN BUILDING COURSE

Professor Tucker Announces
Changes to Strengthen
Course XVII

Changes involving the alteration of the Sophomore year, the inclusion of additional material of a purely engineering character, and the installation of graduate courses, all made with a view to strengthening the course, have been announced by Professor Ross F. Tucker, head of the Department of Building Construction.

With the changes that have been made in the curriculum, Course XVII now includes as much basic engineering material as any undergraduate course in the Institute. While the revised Sophomore course of study has been approved by the faculty and will appear in the next issue of the regular Institute catalogue, the curriculum for the later two years has not yet been announced.

Reduce Construction Hours

To make possible the inclusion of additional material of a basic engineering nature, the time devoted to instruction in building construction has been reduced. Several new courses have been installed to cover work now included in the regular building construction lectures.

Courses designated with the number 17.50 have been provided to re-

(Continued on Page Three)

Jewett Will Lead Technology Track Team Next Season

Graduation Takes Toll of Six
Varsity Men—Freshmen
To Replace Them

John W. Jewett '32 of Brookline will captain the M. I. T. track team next year. He came to the Institute from Brookline High School where he ran the 600 and 1000 yard runs, and since his attendance here, has run on the freshman cross country team and in the Varsity 600 on the boards and the 440 on the cinders.

He has been the leading quarter miler at the Institute, besides holding both the freshmen and Varsity 600 yard board records. As a first year man he made the mark of 1 min. 18.45 sec. and last winter ran the distance in 1 min. 15.15 sec. for the Varsity 600 yard record. In the quarter he has made the fastest time since 1926, missing Doug Jeppes's mark of 50 sec. flat by only 3.5 sec. this spring at Orono, Maine. He has also been a member of the relay teams the last two years.

Robertson Intercollegiate Record Holder

Robertson has made the outstanding record for the Varsity this past season, establishing New England Intercollegiate and Institute records in the javelin. The former was made at Lewiston, Maine, with a throw of 189.9 feet and the latter in the Interclass Meet with a toss of 193.4 feet. Grondal, the other Institute record breaker this year, put the shot for new marks twice during the season. The last time, which was his fourth time as a Varsity man, who done at Orono, Maine, with a mark of 44 ft. 1 in.

Several excellent men were discovered among the numerous freshmen that showed interest in the strong 1934 team. Bell, starting in the 100 and 220 yard dashes all season, established a new freshman record in the latter with a time of 22.25 sec.

TECHNOLOGY ALUMNI ASSOCIATION GROWS

Membership in the alumni association of the Massachusetts Institute of Technology on May 1 totalled 15,162, an increase of 548 in the past year, it was announced in the annual report of J. R. Killian, treasurer. The total number of living graduates and former students now totals 27,136, and of this number the association has the addresses of 19,500. The alumni association has 442 life members, a gain of 25 during the current year. The treasurer reported 85 deaths during the year.

That the alumni of Technology are kept in close touch with the various activities of the Institute is indicated by the treasurer's statement that 183,000 separate pieces of mail, an average of 10 pieces to every alumnus for whom the association has an address, were dispatched during the year.

Few Realize That Dr. Wilbur Is a Doctor

Although Dr. Ray L. Wilbur, President of Leland Stanford University and Secretary of the Interior in President Hoover's cabinet, who will make the commencement address today, is a familiar national figure, many do not realize that he is a doctor of medicine, and started his career as an instructor in physiology.

After graduating from Stanford in 1896, he received his M.D. from the Cooper Medical College, San Francisco. After graduation, he taught there for a while, and then returned to his Alma Mater, where he has been ever since. He is a member of Phi Beta Kappa and Sigma Xi, and has been President of Stanford since 1916.

TWO M. I. T. CREWS TO ROW IN RACES AT POUGHKEEPSIE

Technology Participates For
Third Time In Regatta
On Hudson

NINE COLLEGES ENTERED

Varsity Crew Will Consist Of
Men From Old Varsity
And Jayvees

Participating in their third race on the Hudson River, the Varsity and freshman crews leave today for Poughkeepsie to enter in the regatta to be held there Tuesday, June 16.

It had been originally planned to send the Junior Varsity but plans were changed and the freshman crew was sent in its place. According to the earlier plan a dance was to be held to enable the freshman boat to go, but this was cancelled.

Jayvee Men Row in Varsity Boat

An innovation has been effected in the make-up of the Varsity crew in that it has been changed and that several of the Junior Varsity oarsmen have been put into it. Hapgood, Regan, Binner, and McLeod are former Jayvee men. Dunlap, the cox, was coxswain of the Junior Varsity.

Nine crews are entered in this race, including Columbia, Pennsylvania, California, Washington, Wisconsin, Navy, Cornell, Syracuse, and M. I. T. Varsity. Junior Varsity, and freshman races will be held, every college being represented by a freshman crew with the exception of the two institutions from the West Coast.

Varsity Races Four Miles

Coach Bill Haines has picked the most enduring men for the crew to be entered in the Varsity event. This race, over a four-mile course, calls for stamina rather than speed. Haines is coaching the oarsmen for a 32 stroke-per-minute race, which is not particularly fast.

The races for the freshmen and the Jayvees will not be so long. The Junior Varsity will row over a three-mile course and the freshmen will race two miles. The start of the matches will be at the new boathouse erected by the Poughkeepsie Regatta Committee and used exclusively by the Technology crews as their headquarters.

Rough Water Expected

Not only is Coach Haines preparing the crews for endurance, but he is also coaching them for rough water work. The Hudson River is rather rough at the point where the races are held, and in the race two years ago four out of the nine entries were swamped by the waves, the Engineers' boat being among them.

It has not been decided who will take the place of Evans in rowing No. 6 oar. Hapgood and Regan are each being tried out for this position. Four substitutes are going, two for the freshman crew and two for the Varsity. One substitute cox will also be on hand.

Following are the lineups of the Varsity and the freshman crews: Varsity: Bow, McLeod (capt.); No. 2, Binner; No. 3, Miller; No. 4, Valentine; No. 5, Bennett; No. 6, Regan or Hapgood; No. 7, Glenn; Stroke, Richardson. Dunlap will cox. The freshman shell will consist of: Bow, Wing; No. 2, Woodbury; No. 3, Murdoch; No. 4, Jerome; No. 5, Lucke; No. 6, Mowatt; No. 7, Loewenstein; and Stroke, Westfall (capt.).

CORPORATION ELECTS PELLEY LIFE MEMBER

John J. Pelley, president of the New York, New Haven and Hartford Railroad, was recently elected a life member of the corporation of the Institute. William S. Forbes '93, president and treasurer of the Forbes Lithograph Manufacturing Company, Henry E. Worcester '97, vice-president of United Fruit Company, Francis J. Chesterman '05, vice-president and general manager of the Bell Telephone Company of Pittsburgh, Penn., and Thomas C. Desmond '09, New York State Senator were also elected term members.

SECRETARY OF INTERIOR DR. RAY LYMAN WILBUR TO ADDRESS CLASS OF '31

Exercises Today
Climax Full Week
For Class of '31

Senior Prom Tonight Will End
Eventful Week For Men
Graduating Today

Graduation exercises today and the Senior Prom tonight will end for the members of the Class of 1931 a week filled with events which should long remain in their minds as a fitting closing to four years of work at the Institute. Beginning with the class picnic on Thursday, the Seniors began a week which included the class banquet on Friday, the Pops Concert Saturday evening, the baccalaureate sermon Sunday, the Class Day exercises yesterday afternoon and commencement exercises and the Senior Prom today.

From all reports the Senior Picnic, which was held on Peddock's Island in Boston harbor was a relatively sober affair but with a very enjoyable one. Friday evening at the University Club the Class dined together for the last time and heard again from Professor Robert E. Rogers.

Attend Pops Concert

Saturday night was Technology night at the Pops Concert in Symphony Hall. As a fitting close to the evening, the orchestra played the Stein Song.

Sunday afternoon at four o'clock the class attended the baccalaureate sermon at the Old South Church where Reverend Russell H. Stafford spoke at the special services.

Class Day Yesterday

Class Day activities yesterday began at two o'clock in the Main Hall of Walker Memorial when Horace S. Ford, Jr., chief marshal made the address of welcome. Dr. Allen W. Rowe '01, addressed the Seniors during the ceremonies. The class ring was presented to the president of the

(Continued on Page Four)

COURSE XVII AWARD WON BY JOHN PAGE

John Page, one of the outstanding members of the Senior class in Building Construction, has been awarded the Horowitz Scholarship for this year. The scholarship, which is an annual award, is for two years' employment with Thompson-Starrett Company, one of the largest construction companies in America.

Entering during his freshman year as a transfer from Antioch College, Page, who lives in Evanston, Indiana, began a remarkable record which has been completed with his winning this award, the highest given by the department.

During the two years when the scholarship men are working for Thompson-Starrett they are transferred from department to department and so obtain an intimate knowledge of the organization and functions of the parts of a large construction firm.

News Room Is Scene of Bedlam for Final Issue

Following a period of comparatively quiet days and nights the news room of THE TECH was again a scene of bedlam yesterday, as reporters, editors, and even the Lounger himself were all on hand to rush madly about, pound typewriters, and shout to be heard above all the din of a newspaper getting out its final issue of the year.

With this special issue, containing a rotogravure section, THE TECH stops publication till early in the fall, when according to custom an issue will appear on the day when freshman camp opens. The second issue of the fall will appear on registration day.

EXERCISES WILL BE HELD IN SYMPHONY HALL AT 11 A. M.

President Karl T. Compton
Makes Presentation
Of Diplomas

64TH SENIOR ASSEMBLAGE

Six hundred and thirty-five men will today receive their degrees from the Institute and thereby terminate their period of training and begin the work for which they have been preparing for four years. The Class of 1931, numbering 437, and a large number of graduate students will depart to enter the various professional and engineering fields of their choice.

Included in the list of advanced degrees to be conferred are 171 masters of science, nine masters of architecture, seven doctors of philosophy, and seven doctors of science. For the first time degrees of bachelor of science in ship operation, bachelor of science in public health engineering, master of science in railroad operation, and master of and doctor of science in meteorology will be conferred.

Begin at 11 O'clock

The exercises will begin at 11 o'clock, when the long procession of young men in cap and gown enter the great auditorium. The graduates will move slowly down the centre aisle and take their places near the front. At the head of the line will be Harold P. Champlain, president of the class of 1931, with the first marshal, Horace S. Ford, Jr. They will be followed by the second and third marshals, O. G. Goodband, and R. T. Leadbetter. The graduates remain standing and when the last has taken his place the academic procession of high officers of the Institute, representatives of the State and city, army and navy officers, and invited guests will come upon the platform.

Academic Procession

Alexander Macomber, chief marshal, will lead the academic procession, and behind him will be President Karl T. Compton and Dr. Sam-

(Continued on Page Four)

APPROPRIATE FUND FOR SCHOLARSHIPS

Business Leaders Contribute
To Educational Plan
Under Course XV

Six prominent industrial executives of the country are sponsoring an educational experiment in business leadership to be carried out in the department of business and engineering administration which aims to qualify technically trained men of exceptional ability for early advancement to high administrative positions.

This development, believed to be a pioneer move in business education, is made possible by the establishment in the department of business and engineering administration of six fellowships carrying stipends of \$1500 each. The business and industrial leaders who have established these fellowships, and who will be the mentors of the six men who hold them, are Lamont du Pont '01, president of E. I. du Pont de Nemours and Company; Alfred P. Sloan, Jr. '95, president of General Motors Corporation; John R. Macomber '97, chairman of the board of Harris, Forbes and Company; Francis Wright Fabyan '93, merchant of Boston; Charles A. Stone '88, chairman of the board of Stone and Webster, Inc.; and Charles Hayden '90, senior partner of Hayden, Stone and Company.

(Continued on Page Four)

A Record of Continuous News Service For 50 Years



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SUBSCRIPTION PRICE, \$2.50 PER YEAR.
 Published every Monday, Wednesday and Friday during the College year, except during College vacations

Entered as Second Class Matter at the Boston Post Office
 Member Eastern Intercollegiate Newspaper Association

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EXEUNT OMNES

EXAMS are over, the main festivities of Senior Week have passed, and today upwards of six hundred members of the class of 1931 will each be presented with that token which indicates that their careers as undergraduates of the Massachusetts Institute of Technology are closed. Practically, it is as simple and mechanical as that, yet certainly there must be something more tangible, something more impressive behind this mere ceremony of delivering diplomas.

Time and time again we have heard the philosophers assert that the four years a man spends at college are likely to be the happiest in his entire life. They mean the grasping of understanding in matters of higher interest, the development of character and self-respect, the association with other men and the broadening influence of this association, and most of all the gaining of an appreciation for life, action and thought. The world is standing ready for the new blood which graduating exercises in every college and university in the country will inject into its veins. It waits to test each one of these aspiring young men; to force them through a long series of hardships and disappointments before they may command proper respect and merit the greater responsibilities.

It is for this reason that we would sympathize with the class of 1931. While commencement means to most of these men that the Institute has recognized their mastering of a fair amount of the knowledge to which they have been exposed for the last few years, they will discover all too soon that they know very little after all. Studying is not over—unhappy thought—for a successful career necessitates the acquiring of new ideas every day. However, there remains the consolation that with each advancement in experience comes a corresponding increase in the responsibilities vested in the man himself.

Such moralizing, however, seems somewhat out of place on an occasion so joyous and so elevating as commencement. So quiet is the function that its significance may be dimmed by past or future events. Yet, within these two short hours are launched innumerable careers; some selfish, to be sure, but in the main, we feel, typical of reputable Technology men. To the class of 1931 we offer our most hearty congratulations and best wishes. May you contribute your share to the reputation of the Institute, and may the powers of the industrial world be munificent! God speed!

IN THE MEANTIME

WITH today's ceremony the school year 1930-31 officially closes, yet throughout the summer months the progress of Technology will most certainly not be at a standstill. Summer school, that institution which occupies the greater part of the four months between terms, will draw a surprising number of students, men who either wish to push ahead of the regular schedules, or, and this is the greater number, who have past work to make up. Many men who might have been graduated today will once again assume the role of undergraduates for a few months in order that they may leave the Institute with the proverbial "clean slate."

Through the generosity of Col. Charles Hayden '90, the Institute will for the third successive time be represented at the annual intercollegiate regatta at Poughkeepsie, New York, on June 16. Although the Beaver boats have not had an outstanding season, it is not unreasonable to expect that they may come through with flying colors at the regatta. In view of the fine showing last year when Technology led the greater part of the race and dropped back to third in the last few minutes, we look forward to the event with no little anticipation.

In the meantime, the new buildings will be pushed to completion, adding not only to the many facilities available to aspiring engineers at the Institute but enhancing considerably the reputation of Technology as an institution for scientific research and instruction. Along with this construction is the repair work, the painting, and the minor additions which are under the supervision of Major Smith are performed each summer.

Obviously while a great number of men may leave the Institute in June, either by graduating or for the allowed vacation, progress is not suspended within the operation of the school itself, and we may expect to return in the fall to find everything in readiness for another term of concentration and



Now that the agony is over for another seven months (for some of us, that is), the Lounger, having caught up on some of his lost sleep, wishes to congratulate those who got by, and sympathize with his fellow sufferers, although the knife will not officially descend until Friday. At times like this, there is a tendency to philosophize, and intend to lead a new life; even the Lounger, tough old bird that he is, has caught himself looking on the smile-wreathed countenances of the brownbaggers, and wondering—

It becomes the Lounger's painful duty to record what is already general knowledge—that the rumors concerning a renovation of 3-440 were false. Any glances Sammy may have cast about the place certainly didn't soften those damnable desks one bit. Why in the name of Allah, Vishnu, Shiva, and the pink elephant with the seven legs and thirteen trunks (the Lounger's household deity) the students are so craven, so spineless, so lily-livered as to accept those accursed, those horrible, those— Mere words are wholly inadequate. The Lounger suggests that henceforth the fourth floor of Building 3 be referred to as Technology's Chamber of Horrors.

It is said that one Soph, coming early to Currier's inquisition, was so fortunate as to discover a stool of the right height. He is said to have declined several very handsome offers (financial) for the use of the stool for the ensuing week, and that he tried to take it home with him, but was dissuaded by several proctors. They probably kept it and rented it out dur-

ing later exams; the Lounger couldn't find it the next day.

The Lounger, who has seen many, many classes depart hence, wishes to felicitate the brethren of 1931, and to offer them some advice. (Anyone can advise graduates; it's one of our na-
 (Continued on Page Four)

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WHERE?

Can the reader who is fond of Sport find better pages of Sporting News than those which are printed every evening in the Boston Transcript? Where can he find later Sporting News, more Sporting News, better written Sporting News, better illustrations of Sporting News than in the Sporting News Pages printed every evening in the Boston Transcript

The answer by those who follow Sports, who know something of what is to be found in other papers is—

NOWHERE

IT'S ALL DECIDED....

She'll be graduating, or getting married, or perhaps it will be her birthday. She would adore any one of these du Pont toilet sets shown below with their exquisite colors and designs that harmonize so nicely with her boudoir.

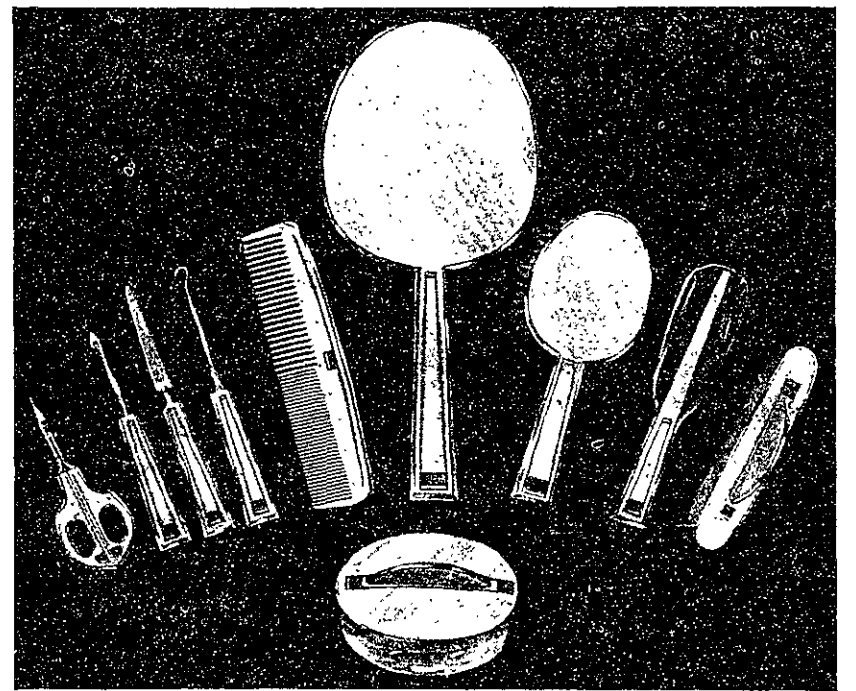
An attractive toilet set is a very appropriate and accepted gift, especially a set made by du Pont and when there are so many different colors, styles and designs to choose from.

When you are in town drop in to any one of the large department or jewelry stores and see these inexpensive sets. Then you too will see how pleased she'll be to have a du Pont boudoir set. You must see them to appreciate their beauty and luxurious qualities.

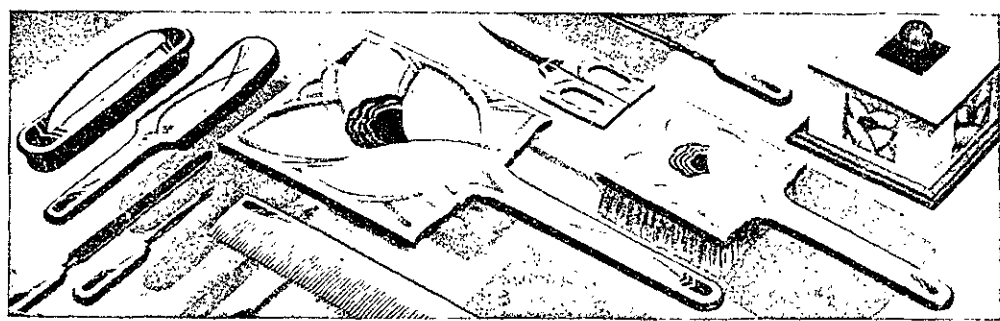
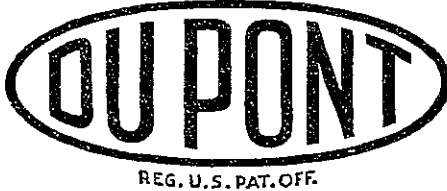
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FLEURET pattern—An exquisite modernistic design in Oriole Yellow or Azure Blue.

Make Her Happy With One of These Ensembles

Lucite

Pyralin

Arlton

REVIEWER TRACES HISTORY OF 1931

Historian Follows Career of Class of '31 While at Technology

(Continued from Page One)

freshman rule enforcers, sellers of the detested frosh ties, and activity leaders, followed later by the T. C. A. financial drive and monkey-drill. And then the All-Technology Smoker with its huge dinner, riotous cabaret acts, instructive movietone, sports, hilarious speeches, and the ever-fruitless raffle. We remember Field Day with its preceding ballyhoo about riots. Marshals parading the grounds the night before, the appearance of the new R. O. T. C. band, the terrific battles, the glove fight, the crew race, relay race, football game, tug-of-war, and—victory for the Sophs.

A New Class Is Born

The first few months of school with its rush of activities, the unaccustomed severity of the instructors, the hard work, the forming of permanent friendships and the strangeness of the surroundings are hazy in the minds of many. To others they stand out vividly. The election of class officers was followed closely by the freshman smoker, at which Lieutenant Albert F. Hegenberger, trans-Pacific flier, was the principal speaker. The next assembly of the class took place at the Copley-Plaza in the spring when the Freshman Prom took place.

On all sides that first year we were plagued, besieged, threatened and in many instances punished by the Freshman Enforcement Committee. Opposition to the then detested frosh tie was rampant, ties were discarded wholesale, indignation ran high, public sentiment favored their abolition and on April 6, a new day originated—Freshman Tie Day. The reign of freshman rules ended and peace returned to all.

Sophomore Year

Back to school in our Sophomore year with a new air of importance and filled with ambition and energy for the coming year. No longer were we lowly frosh, we had weathered successfully the first year and now we held the whip hand. The Freshman Rules—of course they should be enforced. What were they made for? Shall the frosh be allowed to disobey them? Not on your life. More ac-

Seniors Inhaling Good Cheer At Peddocks Island During Annual Picnic



tivity ballyhoo, with smokers, dinners, speeches, cigars and handshakes.

Field Day again was a mistake. Once more we were defeated but we took our defeat nobly. Riots had disappeared, they were affairs of the past. The Class of 1931 had returned order to chaos, out of confusion came organization and a new victory was added to the credit of student government. Once again the social prestige of the Class was heightened by the very successful Sophomore dance held at Longwood Towers.

At the same time came rumors of the revival of the old Technology Circus, the acme of well-known Technology get-togethers in the past. They spread here and there, climbed high and low, public sentiment was in its favor, a straw vote demanded its return by a large plurality, the Institute Committee gave in, and the Circus was revived under the more dignified name of All-Technology Carnival. With it came the first and last Old Clothes Day. The Carnival was held in all its glory and when the smoke cleared away, it was a thing of the past, probably forever.

Along with the rest of the school the Class of 1931 was properly shocked and delighted with the appearance of the censored Back Bay number of Voo Doo. We fought for its existence and through the efforts of many of our classmates Voo Doo was not abolished. But such nefarious deeds could not go unpunished and the managing board was removed from office. Once again, as in our first year, we were thrilled and impressed by the magnificent Open House display.

Junior Year

Back in our third year with a new group of officers at the helm. No longer were we wretched underclassmen, we were the upper-classmen. Field Day was just an instance; now we were ushers and not grimy participants. It was a success. Why? Because the ushers took most of the punishment.

During this year, from all sides was launched a campaign destined to concern every undergraduate and alumni member of the Institute—the Use-Walker Campaign. Was it a success? The long string of successful dances and other social functions attest to that. The brilliant Junior Promenade of the Class of 1931 climaxed this series.

Senior Year—Finale

The story draws to a close. As Seniors, the Class of 1931 led the school, in activities, social affairs and scholarship. It is needless to present a resume of the year's events; they are all too fresh in our minds. The terrific grind of the past few months, combined with the mental strain of worry over the possibilities of non-graduation are things we wish to forget as soon as possible. We are entering upon a new era of our lives, today we stand at the threshold of the door of opportunity and to one and all we bid a regretful adieu.

At the crew banquet held May 29th at the Engineers Club, Boston, the following elections of managers were announced: Varsity Manager, W. Clinton Backus, '33; sophomore managers, Walter W. Bird and Howard L. Reichart, both '34.

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Select Three New Department Heads For The Next Term

Acting Leaders of Course XV and XVI Promoted; New Military Command

New appointments and promotions in the faculty of the Massachusetts Institute of Technology, including three new heads of departments, were announced by President Karl T. Compton today. The new department executives are Colonel S. C. Vestal, Coast Artillery Corps, U. S. A., who will be in charge of the department of military science and tactics, and lecturer on international law; Professor Erwin H. Scheil, head of the department of business and engineering administration; and Professor Charles F. Taylor, who becomes head of the department of aeronautical engineering.

Six new members were elected to the faculty and were announced at the same time, and seven former assistant professors were promoted to the rank of full professors. Nine members of the instructing staff were promoted to the grade of associate professor, while 12 men were made assistant professors.

Twelve men were advanced to the position of instructors, while ten were appointed to that position for the first time. Assistant instructors to the number of 17 were appointed, and four research associates were selected. Five men were chosen as research assistants.

SEVEN CLASSES HOLD REUNIONS THIS YEAR

Although the five-year alumni reunion was held at the Institute last year, seven classes have planned get-togethers this spring at various New England resorts. Two have already been held; the Class of 1901 foregathered at Oyster Harbors, Mass., from the third to the sixth of June, and the Class of 1926 met at Manomet, Mass., on Saturday and Sunday.

Other reunions planned include those of the Class of 1891, on June 12-14, at Ostable, Mass.; the Class of 1906, at Oyster Harbors, Mass., June 11-14; the Class of 1896, at Ostable, Mass., June 18-21; the Class of 1921, at Pine Orchard, Conn., June 19-22, and the Class of 1911 at Douglass Hill, Maine, June 26-29.

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INSURANCE OF ALL KINDS

COURSE XVII TO BE CHANGED NEXT FALL

To Add Basic Engineering Courses to Curriculum

(Continued from Page One)
place those numbered 17.11 and 17.12. Materials courses will be numbered 17.70 under the new arrangement.

Stiffens Course

Speaking of the changes in the department, Professor Tucker said that when the course in Building Construction was set up at the Institute several years ago it was for the purpose of training leaders for the construction industry. To accomplish this purpose of training leaders and not men who will merely make a living from building, the course is being so strengthened and stiffened that those who finish the course will be prepared to enter the industry with a thorough training in basic engineering subjects and an acquaintance with construction problems and practices.

"Course XVII is being stiffened so that it is brought up to the equal of any course in the Institute in its curriculum of basic engineering subjects," said Professor Tucker.

Graduate Courses Added

Four graduate courses are being added to the department to provide training for exceptional men who wish to continue their training. These four courses are Construction Management; Town Management, Real Estate, and Insurance; Management and Maintenance of Buildings; and Research in Materials.

The revised course for the Sophomore year in the department includes the following courses: Mechanism, physics, English, mathematics, military science, engineering chemistry, and six hours of building construction during the fall term. During the spring term these courses are included: Mechanics, physics, English, mathematics, military science, building construction, materials, and history of construction.

NINE HONOR MEN ADDED IN COURSE VI

Nine Sophomores, because of good work during their first two years at the Institute, have been added to the honors group of the Department of Electrical Engineering and will pursue a course of self-directed study during next year.

These students are J. Dillard Collins, Richard L. Fossett, Jr., William A. Gray, Everett L. Hume, Theron C. Johnson, Martin Levine, Warren G. Webster, Norman Levinson, and Walter R. Cppen.

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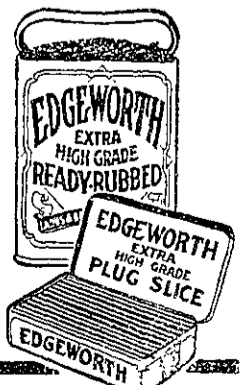
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EASTERN
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Lines

President Compton To Present Diplomas To Graduating Class

Exercises Will Be Held In
Symphony Hall At 11
This Morning

(Continued from Page One)
uel W. Stratton. Next will come the Hon. Ray Lyman Wilbur, Secretary of the Interior, who is to make the commencement address. His escort will be Dr. H. M. Goodwin, dean of graduate students. The Rev. A. L. Kingsolving, rector of Trinity Church, has as his escort Dr. James L. Tryon, director of admissions. Then will come Rear Admiral L. M. Nulton, Commandant of the First Naval District, with Professor J. R. Jack, head of the department of naval architecture and marine engineering.

Major General Fox Conner, Commanding General of the First Corps Area, will be escorted by Robert C. Eddy. Dean Harold E. Lobdell will march with Dr. Payson Smith, Commissioner of Education of the State of Massachusetts. Mayor R. M. Russell of Cambridge will be escorted by Bradley Dewey, president of the Technology Alumni Association. Dr. William Hovgaard, professor of naval design, will escort Captain R. P. Schla-bach, of the Construction Corps of the United States Navy. Then will follow Captain C. E. Atkinson, Coast Artillery Corps, with Professor A. L. Merrill, secretary of the faculty; and Mr. J. C. MacKinnon, registrar of the Institute, with Professor Ralph G. Hudson, chairman of the committee on graduation exercises and senior week. Professor Jesse J. Eames will be marshal of the graduates.

The marshal of the corporation will be Mr. Walter Humphreys, secretary of the corporation, and among the members who will be in the procession are Mr. Franklin W. Hobbs, Mr. Charles T. Main, Mr. John E. Aldred, Mr. H. J. Carlson, Dr. Elihu Thomson, Mr. Calvin W. Rice, Dr. F. H. Williams, Mr. J. W. Powell, Mr. Redfield Proctor, and Mr. A. F. Bemis.

Class of '81 Honored

Members of the class of 1881, which was graduated fifty years ago, will have a place of honor in the procession. Their marshal is Dr. Samuel C. Prescott, Chairman of the Faculty. The members of the class in the procession are Ira J. Prouty, Keene, N. H.; D. W. French, Englewood, N. J.; Webster Norris and Ira Abbott, both of New York City; John H. Allen, Greenwich, Conn.; Edmunds H. Brown, Concord, N. H.; B. C. Collins, Edgartown, Mass.; A. F. Lewis, George A. Richards, Miss Susan Minns, Arthur Winslow, and Frederick T. Walsh, all of Boston; William B. Revere and Robert Rogers of Canton, Mass.; and Oscar Munyan, Thompson, Conn. Following the fifty-year class will come members of the faculty, led by their marshal, Professor George E. Russell.

The traditional announcement of the convening of the corporation and faculty of Technology will be made by Chief Marshal Macomber, who will call upon the Rev. Arthur L. Kingsolving, rector of Trinity Church, to offer the benediction.

Wilbur to Speak

The Hon. Ray Lyman Wilbur, Secretary of the Interior, and president (on leave) of Stanford University, will be introduced by President Compton, and will deliver the commencement address.

Following Secretary Wilbur's address, there is to be a musical interlude. Captain C. E. Atkinson, Coast Artillery Corps, U. S. A., will then administer the solemn oath of office required of those members of the class who are to receive commissions in the Reserve Officers Training Corps. This ceremony will be followed by an address by Major General Fox Conner, Commanding General of the First Corps Area, Admiral Louis M. Nulton, Commandant of the First Naval District, will also speak to the graduates, among whom are a number of naval constructors who are to be awarded advanced degrees after completion of studies in the Institute's department of naval architecture and marine engineering.

Announce Honors

The announcement of fellowships, scholastic honors, and prizes will be made by President Compton. These include five Travelling Fellowships awarded by the Institute in various fields of study; the Swope Fellow-

ships; the Arkwright Textile Research Fellowship; the Malcolm Cotton Brown Fellowship; the Austin Research and the James Savage Fellowships; the du Pont, Henry Saltonstall, Susan H. Swett, Louis Francisco Verges, and the Distinguished Service Foundation in Optometry Fellowships. The president also will make the presentation of degrees, and as each man comes forward to receive his diploma, Dr. Compton will shake hands with him and speak a few words. The awarding of degrees will be followed by the presentation by Major General Fox Conner of commissions in the Reserve Officers Training Corps.

When the recipients of the degrees of doctor of science and doctor of philosophy came forward, Dr. Harry M. Goodwin, dean of graduate students, will announce their names and give a brief summary of their educational history. In the ceremony of presenting these degrees President Compton will be assisted by Dean H. E. Lobdell, Mr. J. C. MacKinnon, registrar, and Mr. G. T. Welch, assistant registrar.

As the recipients return to their places in the ranks of graduates, the unbroken mass of black gowns will be touched with the golden yellow of the hoods of the doctors of science and the blue of the doctors of philosophy. Following the awarding of the degrees, Dr. Samuel W. Stratton will make an address to the graduates.

Members of the class of 1881 will be guests of Dr. Stratton at a luncheon at the Algonquin Club after the commencement exercises, a custom which was started several years ago. The graduates and their relatives will attend the president's reception at Walker Memorial this afternoon, and will be greeted by President and Mrs. Compton, Dr. Stratton, Mr. and Mrs. Edwin S. Webster, and Mr. and Mrs. Bradley Dewey. The final event of commencement week will come tonight when the graduates attend the senior prom, which will be held at the Copley-Plaza Hotel.

Prom Ends Senior Week Festivities

Social Affair Today Closes
Eventful Week For All
Members of '31

(Continued from Page One)
class of '32 by Harold P. Champlain, Senior president.

The Beaver oration was delivered by Robert M. Snyder and the class gifts were presented by T. Bryce Spruill '29 and Warren T. Dickinson.

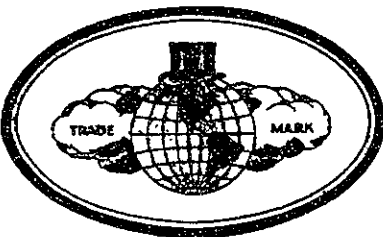
Prom Tonight

Lasting till four o'clock, the Senior Prom to be held in the main ball room of the Copley-Plaza tonight comes as a fitting closing for the week of Senior activities. Special decorations, excellent music, and a good dinner to be served during the hour of intermission at midnight have been promised by the committee in charge of the affair, which is headed by J. Harold Genrich.

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APPROPRIATE FUNDS FOR SCHOLARSHIPS

(Continued from Page One)
The work under the fellowships in business and engineering administration will begin at once, and provides for a summer session and a subsequent year of graduate work in a selected field of concentration in business administration. The fellowships will lead to the degree of master of science in business administration. The work will include requirements assuring familiarity with the important functions of business, namely, production, marketing, banking and finance, accounting, statistics, business law, personnel administration, and administration policy.

The six men who have been appointed to the first fellowships were chosen after a careful analysis of the records of the 3500 graduates of the Institute since 1925. The Lamot du Pont Fellowship was awarded to Am-erst E. Huson of Manchester, N. H.

The Lounger

(Continued from Page Two)
tional sports.) The Lounger's Pearl of Wisdom is this: Don't try to follow up Tubby's famous advice too quickly. The first boss's daughter is apt to be Gertie Schmxzlwcz, from Toid Av'nyer (Yaas, that includes Course XV), and, if the graduate is so fortunate as to rise in the world, the boss is apt to be cynical concerning the meaning of the mystic letters S.B., and the boss's daughter is probably much more interested in the lilies of Hawvaid than in the slip-stock artists from Kendall Square way. (The Lounger speaks from sad experience.)

However, Tubby's advice is still good, if possible of pursuit. It is also advisable not to proclaim too loudly the fact that if Tech men were running the country, this depression would be over long ago; and don't be too ready to scorn that job as office boy in Uncle John's underwear factory; fifteen a week is fifteen a week,

and if Eddie Miller only has two jobs per man, times are pretty bad. Just the same, the Lounger is slightly envious of the laddies of 1931; they are no longer haunted by the specter of the aforementioned Chamber of Horrors.

As for those who expect to return in the fall, the Lounger wishes them

many pleasant dreams during the summer months. The depression will supposedly supply an excuse for not getting a job; the Lounger, at any rate, hopes it will. To the unfortunate ones who must continue throughout the summer, sympathy is extended; Boston summers are hotter than certain well known hinges. And so, au revoir till fall.

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Every CAMEL Package Now a Tiny Humidor



Switch over for just one day
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The best tobacco loses much of its rich flavor and aroma when its natural moisture content is lost through scorching or evaporation.

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Camels are wrapped only in moisture-proof Cellophane with an air-seal.

Try a package today and revel in the luxury of a really fresh cigarette.

Factory-fresh Camels are air-sealed in the new Sanitary Package which keeps the dust and germs out and keeps the flavor in.

It is peppery dust and harsh dry tobacco that are unkind to a smoker's throat.

We vacuum-clean away the dust and keep the natural moisture in by the exclusive Humidor Pack.

Make the switch to Camels for just one day, then leave them—if you can.

It is the mark of a considerate hostess, by means of the Humidor Pack, to "Serve a fresh cigarette." Buy Camels by the carton—this cigarette will remain fresh in your home and office.

CAMELS

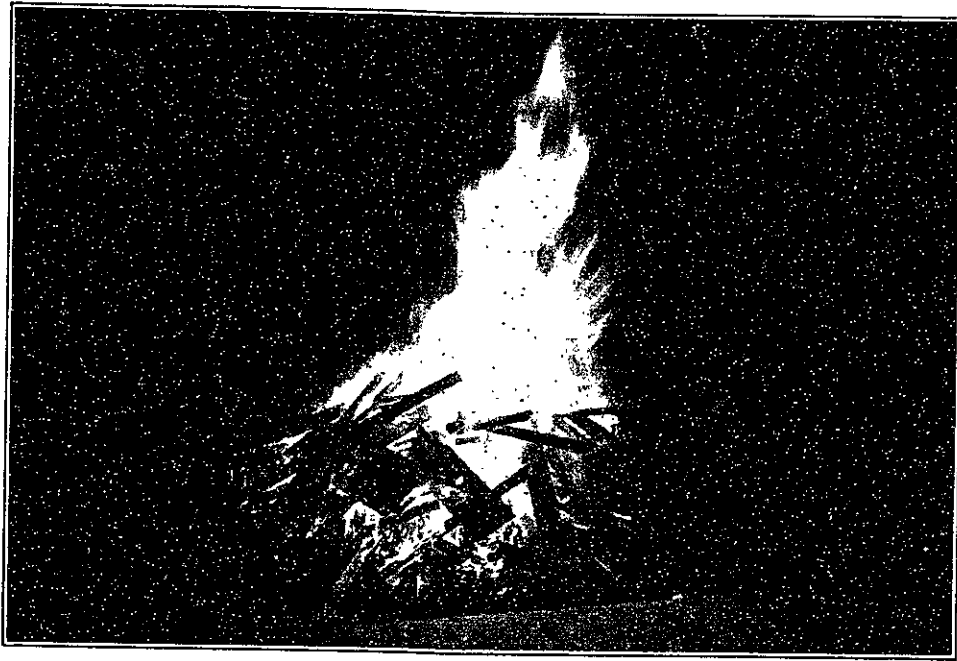
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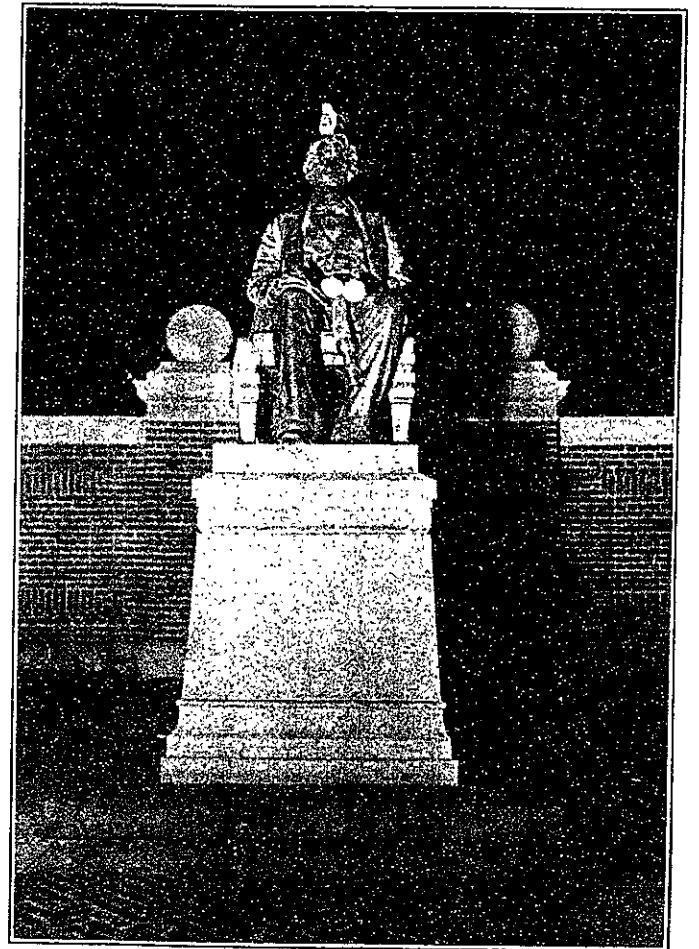
TECH REVELRY



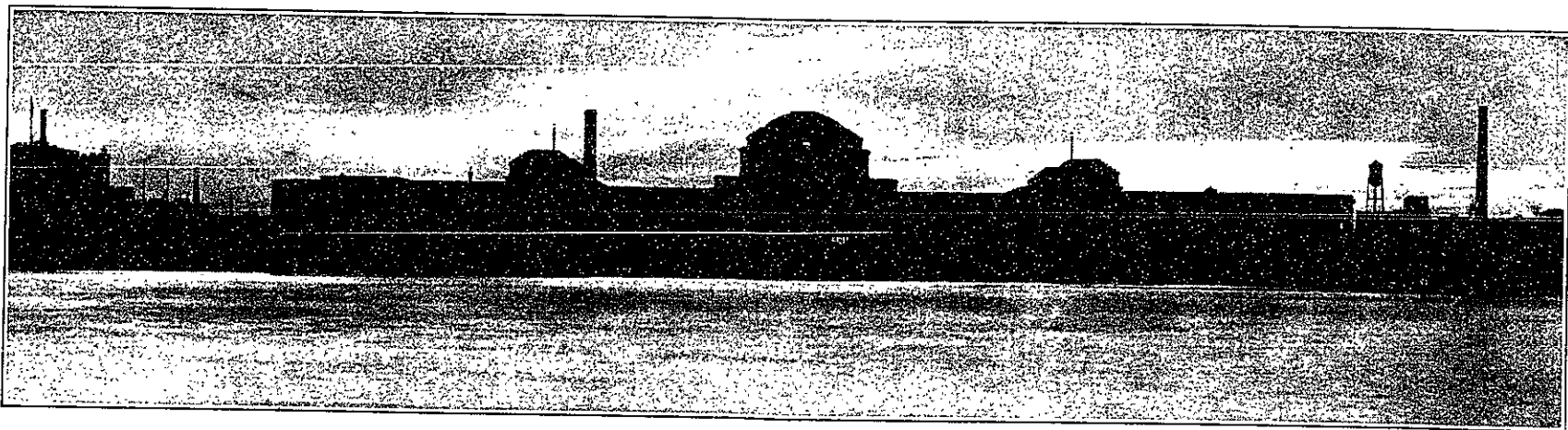
What Boston Called a Bonfire



The Dorm Bonfire



Where Some Appropriated Fire Equipment Resided Long Enough for a Picture



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THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY offers Courses in Engineering and Science, each of four years' duration, leading to the degree of Bachelor of Science in:

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| Electrochemical Engineering | Sanitary and Municipal Engineering |
| Engineering Administration | |
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| General Engineering | |

The Course in Architecture is of five years' duration, and leads to the degree of Bachelor in Architecture. Five-Year Coöperative Courses in Electrical Engineering and Railroad Operation leading to the degrees of Bachelor of Science and Master of Science are also offered.

Graduate Courses leading to the degrees of Master of Science, Master in Architecture, Doctor of Philosophy, Doctor of Science, and Doctor of Public Health are offered. The Courses leading to the degree of Master of Science include Coöperative Courses in Chemical Engineering Practice and Fuel and Gas Engineering.

The better high schools and other preparatory schools in the United States offer adequate preparation for the required entrance examinations given by the College Entrance Examination Board in June, or by the Institute in September.

Graduates of colleges or of scientific schools of collegiate grade, and in general all applicants presenting satisfactory certificates showing work done at another college corresponding approximately to at least one year's work at the Institute, are admitted to such advanced standing as is warranted by their previous training, and are given credit for our required subjects, including the entrance requirements so far as they have been satisfactorily completed.

The Summer Session, extending from June to September includes most of the subjects given during the academic year, and in addition special courses for teachers.

- Any of the following publications will be sent free upon request:
- Catalogue for the Academic Year (which includes the admission requirements).
 - Summer Session Catalogue.
 - Graduate Study and Research.

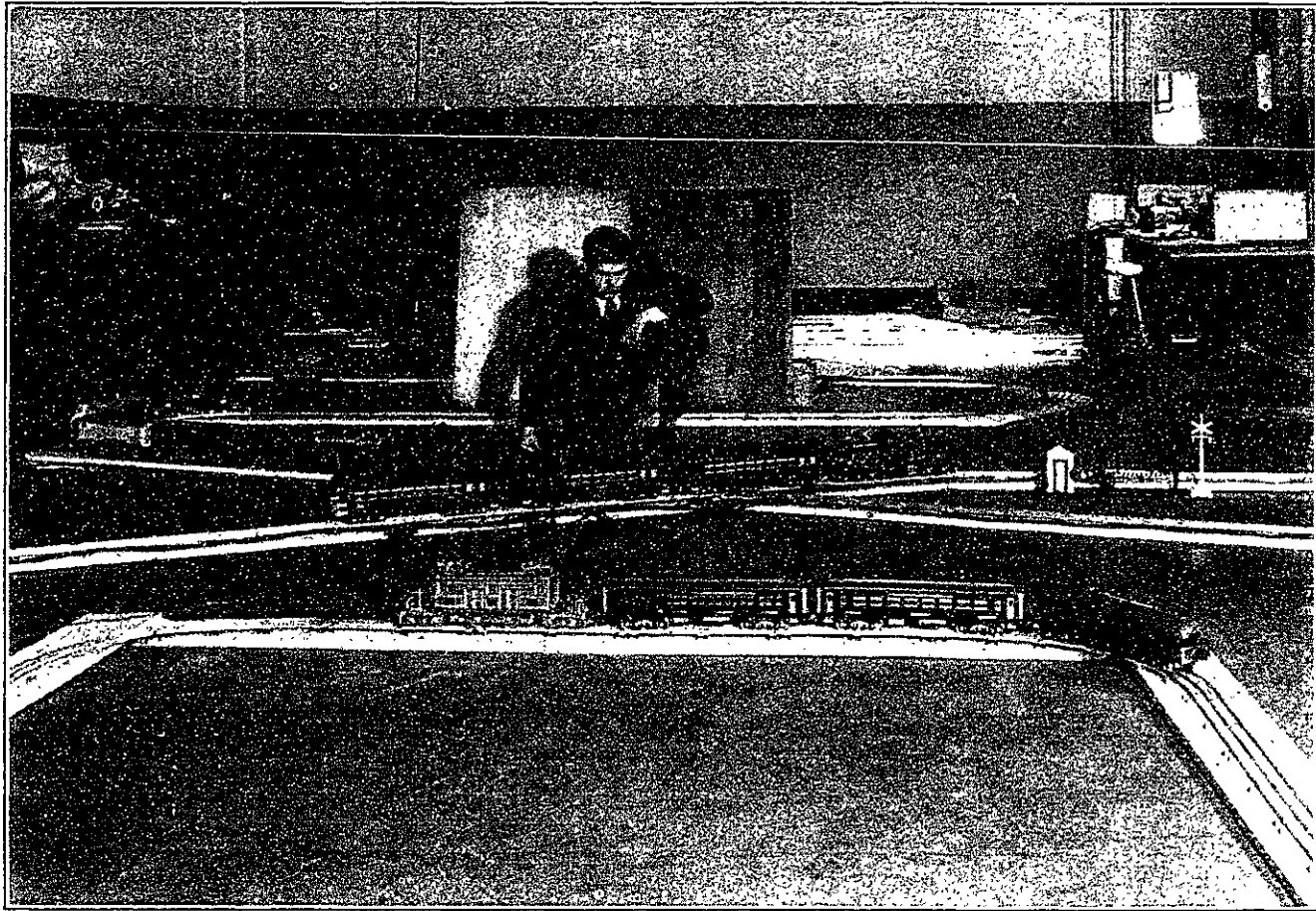
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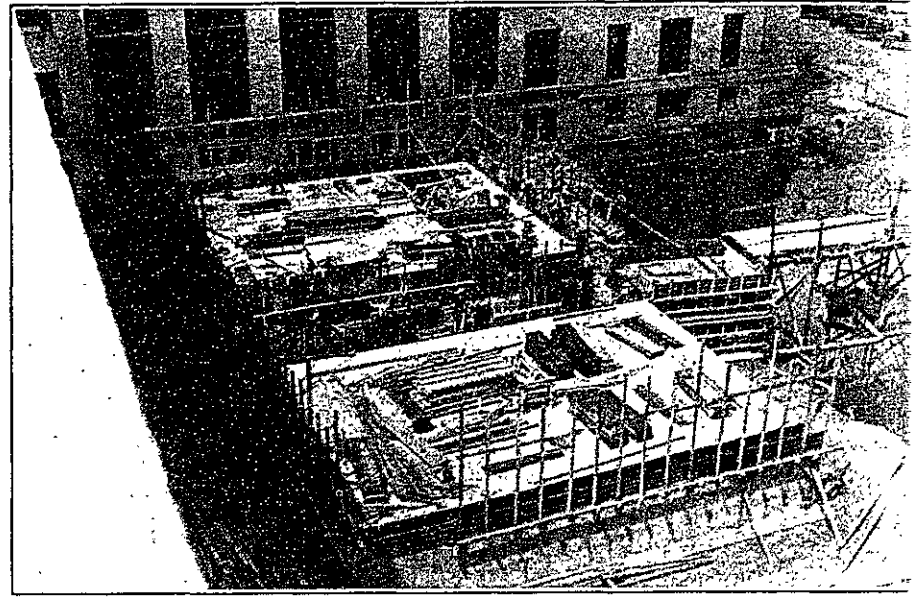
BREAKFAST 7.30 TO 11.00
LUNCHEON 11.00 TO 2.30



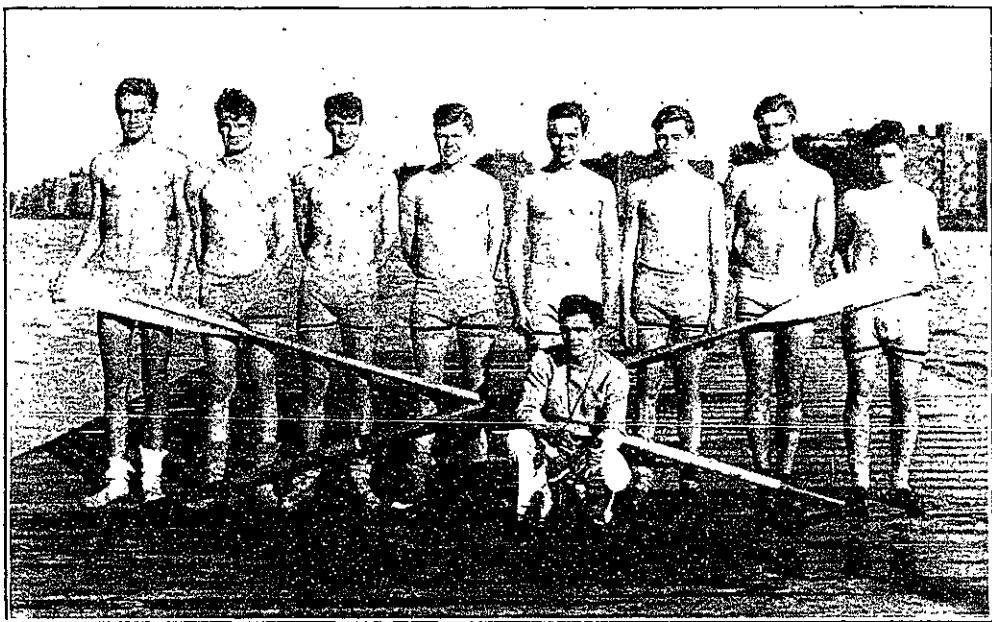
Model Railroad Display Shown during Open House



Scene from Dramashop Play "George Dandin"
Cooper '33, Spruill '31, Fairchild '33

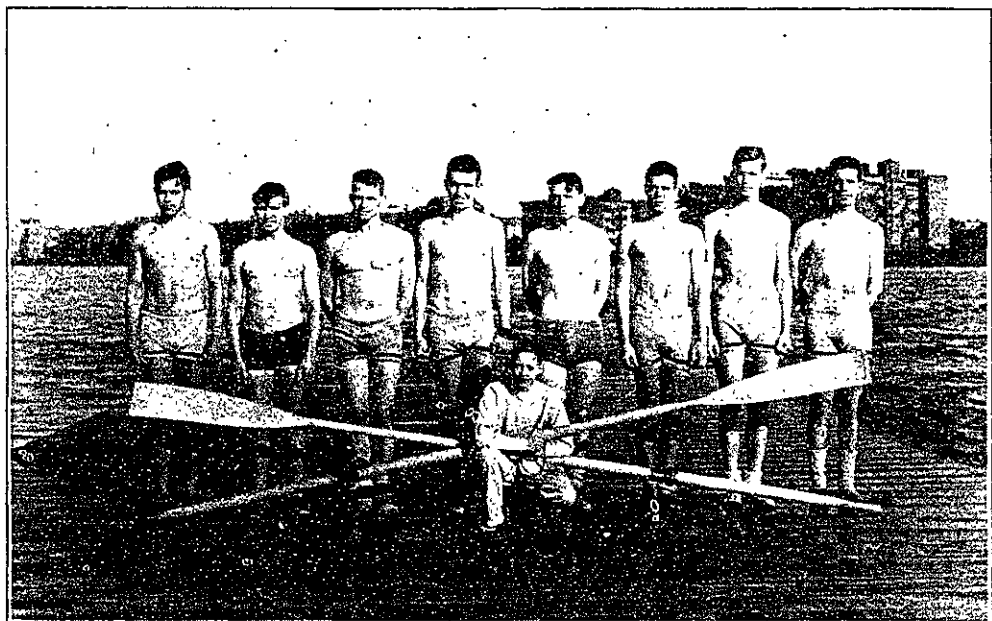


View of Construction on New Spectroscopic Laboratory



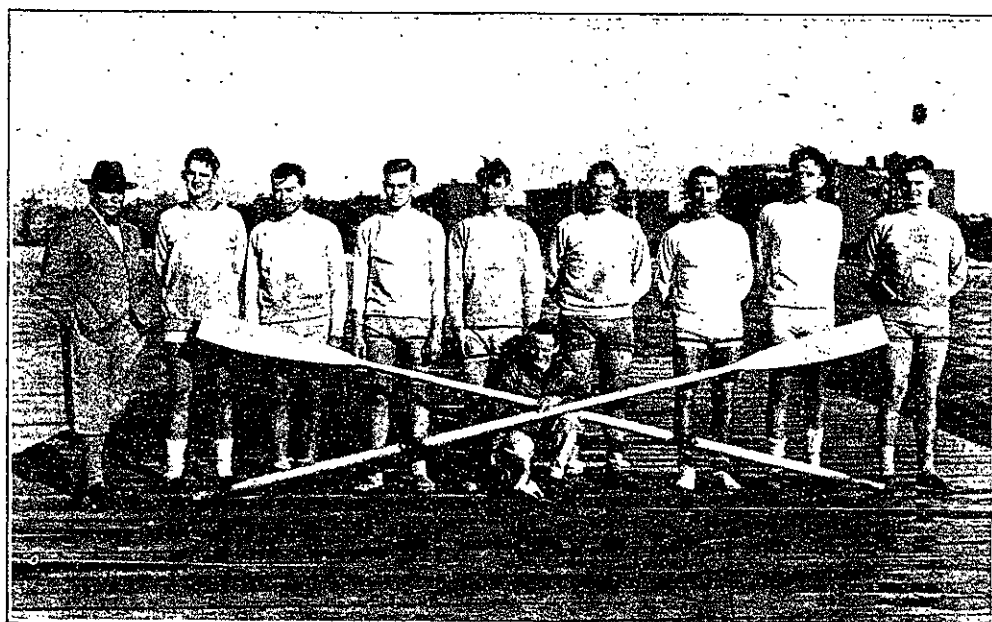
Freshman Crew

Left to right: Wing, Bromley, Murdock, Jerome, Lucke, Mowatt, Loewenstein, Westfall; Humphreys, cox.



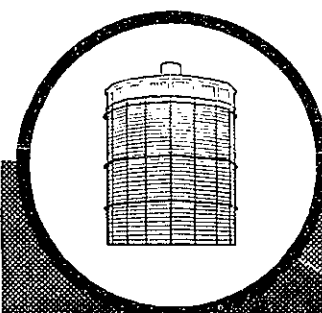
Junior Varsity Crew

Left to right: Thieler '33, Bearce '32, Birdsell '31, Regan '33, Ayers '31, Hapgood '33, Pleasants '33, Cummings' 32; Dunlap, cox.

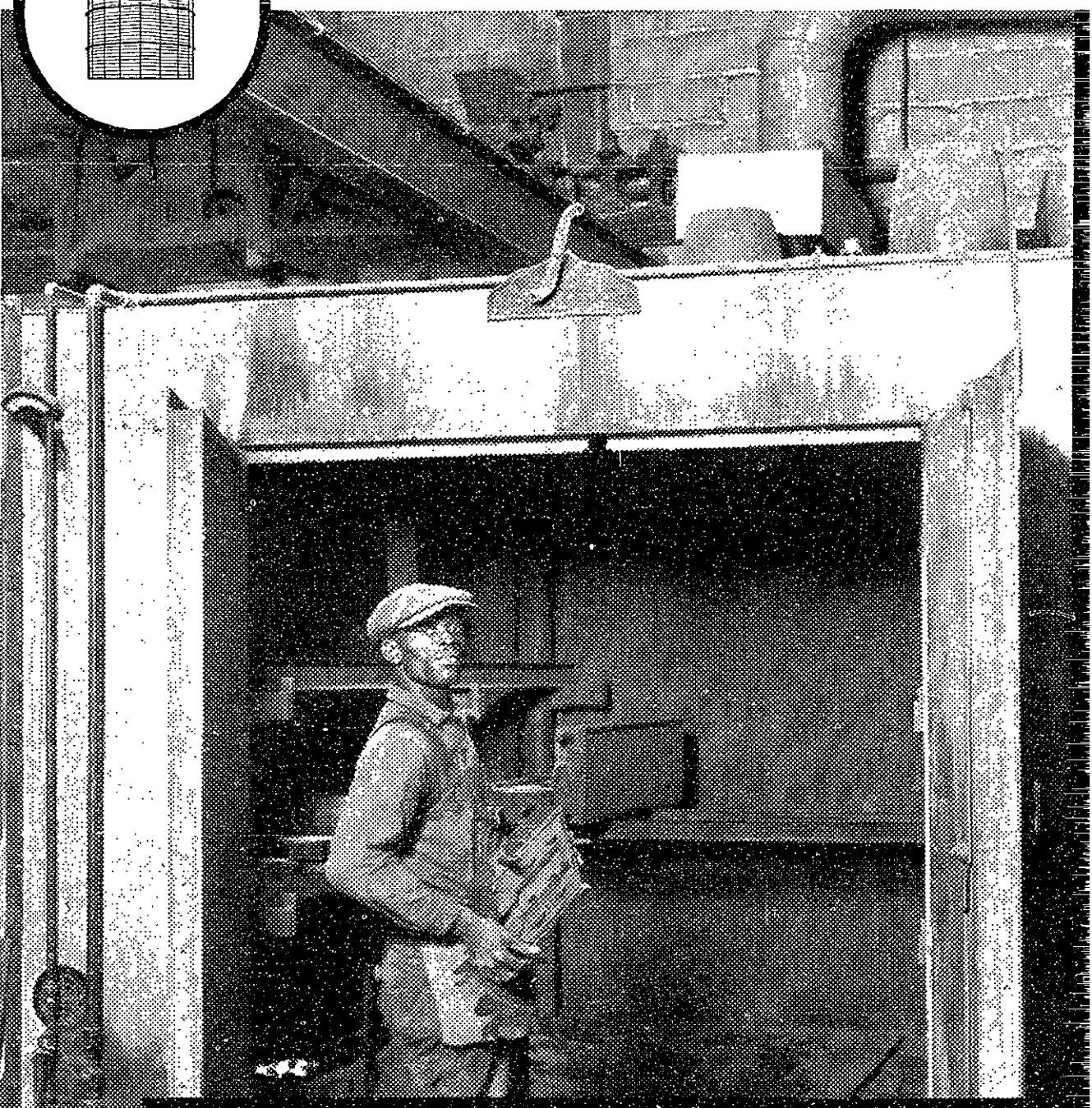


Varsity Crew

Left to right: Haines, coach; McLeod '31, Brinner '31, Miller '33, Valentine '33, Bennett '33 Evans '31, Glenn '33, Richardson '31, Whittaker '31, cox.



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