

Volume V of VI-A "Sparks" Is Ready For Distribution

1928 Year-book, Dedicated to
Prof. Jackson, Appears
in Buff Cover

Announcement has been made by the staff of the Course VI-A *Sparks*, the year-book of the Co-operative Course in Electrical Engineering, that Volume V has been published and is ready for distribution. The 1928 *Sparks* consists of forty pages bound in a buff grained leather cover, the design of which was drawn by Oswald V. Karas '29.

Dedication is made to Professor Du-gald C. Jackson, head of the Department of Electrical Engineering as a tribute to his farsighted vision in proposing and planning such a course at the Institute. Professor Jackson is a firm believer in the soundness of the type of education offered by Course VI-A and was active in drawing up plans for the new Co-operative Course in Railroad Operation. It is a tribute also to the personal interest he has shown in the success of VI-A and its students.

In keeping with the dedication there is a history of Course VI-A written expressly for this volume by Mr. Karl L. Wildes of the Electrical Engineering Department. This article describes the origin of the course and the development which has contributed to its success.

Included in the book are short personal sketches of each man, written by the classmate who knew him best. There are also humorous estimates of the student and of his past, present, and future. The cuts were furnished through the courtesy of *Technique*.

Copies will be distributed to the undergraduates of the course at their recitations today. Graduates may obtain their books by calling at Professor Timbie's office.

POSTPONE FINISH OF SONG CONTEST

Prize Song Will Be Selected
In Fall Since Only One
Is Submitted

Due to the fact that only one song has been handed in to the Prize Song Contest Committee during the year, it has been decided to hold the contest over during the summer, although yesterday had been set as the last day for handing in songs.

This contest was begun five years ago with the purpose of developing a new alma mater song for Technology. To replace the Stein Song. This is the fifth and last year of the contest, and the committee feels that it would be unfair to the student body to select the winning song of the year when only one has been submitted. So far there have been four songs selected as prize songs, one each year of the contest, and when the contest ends, the best song will be chosen for the new alma mater song.

Students and members of the faculty and the alumni body are urged to enter the contest and aid in developing a new school song. So far all of the contests have been won by a member of the faculty or of the alumni body, and students are requested to try their hand at the game. In addition to having the honor of writing the prize song, the winner will also receive a reward.

Aeronautical Issue of T. E. N. On Sale Today

As their final publication of the year *The Tech Engineering News* will present an aeronautical issue in honor of the dedication of the Daniel Guggenheim Memorial Laboratory. It will be on sale at the Institute today and tomorrow. Containing sixty-four pages, it is the largest number the T. E. N. has ever published, and every effort has been made to produce a magazine which shall serve as a worthy representative of undergraduate publications since it is to be the official program of the dedication ceremony.

One of the features of the issue is

Architects Bestow The "Razzberry" On Cadets

Students in the Architectural Department at Rogers Building enjoyed a gala afternoon last Saturday at the expense of several hundred Boston University cadets. The cadets were part of the parade marching in honor of the Bremen flyers, and they were heartily received as they passed Rogers. Quite a few young architects cheered their Copley Square neighbors by singing the famous old Salvation Army hymn "Put a Nickel on the Drum and You'll Be Saved" and showering them with confetti. Luckily, the marchers were forced to maintain discipline in ranks, or there would have been another collegiate riot to add to the history of Rogers steps. As it was, the janitors had to bear the brunt of the celebration, and many misfortunes were called down on the heads of the celebrators as the clean-up squad set about removing the scraps and tatters from the lawn.

PORTRAIT PRESENTED AT HONORARY DINNER

Many Friends Attend Banquet
in Honor of Dr. Miller

Staff members, alumni of Course II, and friends attended the Dinner given in honor of Professor Edward F. Miller '86, head of the department of Mechanical Engineering at the Engineers Club Saturday night. An oil portrait of Dr. Miller, given by the alumni, was presented to him at the dinner.

Dr. James P. Munroe '82, Secretary of the Corporation made the presentation. He spoke of the great esteem in which Dr. Miller is held by men in the mechanical engineering as well as by men in the educational field. George P. Aborn '86 and others of Dr. Miller's Class Spoke. Mr. Campbell, the artist, told something of the methods and the work of making a portrait. Franklin W. Hobbs '89, was also on the list of speakers.

It is expected that the portrait will be hung in the office of the department of Mechanical Engineering and later will be found among those of our past presidents and department heads. The affair was a very enthusiastic one and no superlatives were spared in the praise which was accorded Dr. Miller on all sides.

FRESHMAN R. O. T. C. WINNERS ANNOUNCED

Winners of the annual competition for the best individual cadets of the freshman R. O. T. C. battalion have been announced. Clarence M. Feld of Company E took first place and received a gold medal. The silver medal for second place was won by Robert W. Vose of Company D, and Robert Saunders of the Band received the bronze medal for third place.

This competition was held in the State Armory on Massachusetts Avenue during the drill period last Friday, and everyone in the freshman battalion was eligible to compete. The competition consisted of a rapid exercise in the manual of arms and some right and left turning movements. The company officers gave the commands, while Major Eddy, Colonel Cloke, and other officers of the Military Science Department were the judges.

Announce Plans For Tech Show at Writers' Meeting

Next Year's Show Is Based On
Specialty Acts and
Short Skits

Plans for Tech Show 1929 were announced by Richard N. Chindbloom '30 at the skit-writers' meeting which was held on Friday afternoon. The policy of the Show has been changed, and to allow all of the undeveloped talent at Technology to show itself, it has been decided to dispense with the usual musical comedy, and to base the show on a number of skits and specialty acts.

These skits are to be no longer than three or five minutes, for their purpose will be to keep the audience laughing all during the skit. A longer one would be certain to lag in spots although if any skits are written which will be longer, and at the same time funny, Tech Show will welcome them.

As for the specialty acts, it has been noticed that there are many of the Institute students who are adept at various specialty numbers, and Tech Show is encouraging them to develop their talent over the summer and to bring the act around when the Show calls for its materials, sometime around the first of October.

The skits are desired to be take-offs on Institute life, although anything very humorous will be accepted.

INTERFRATERNITY COUNCIL ELECTS JOHN MacCASKEY

Hills, Ware, Atkinson, Yates,
Hanley and Walker are
Other Officers

LAST MEETING OF TERM

John D. MacCaskey '29 was elected as president of the Interfraternity Conference, for the coming year. At the meeting of the Conference, which was held recently, the following officers were elected: Fisher Hills '29, Vice-President; V. Edwin Ware '29, Secretary, and Ralph B. Atkinson '29, Treasurer.

Edward A. Yates '29 was chosen as chairman of the Social Committee. John M. Hanley '30 heads the Athletic Committee, and George B. Walker '30 is the member at large of the Executive Committee.

MacCaskey entered the Institute in his freshman year from the Taft School, at Watertown, Connecticut. He was a member of the Institute and Elections Committee during his Sophomore year, was on the Technique staff, a member of the Beaver Club, Theta Tau, Walker, and on the Polo team. He was elected to the Executive Committee for next year's Senior Class.

Hills, vice-president of the Interfraternity Conference, prepared at Worcester Academy, and entered in the freshman year. He was on the Voo Doo Staff as Advertising Manager, and is a member of the Theta Tau honorary fraternity, a member of the Walker Club, and the Beaver Club.

Ware attended Texas College of Mines before entering the Institute in his Sophomore year. He has been out for crew, is a member of Theta Tau and the Scabbard and Blade honorary societies.

Atkinson came to Technology from Phillips Andover Academy entering during his freshman year. He was manager of the Freshman Crew, and was on the Institute Committee during the past school year.

At the meeting, it was voted to apply for a seat on the Institute Committee at the Institute. This application was received and acted favorably upon at a meeting of the Institute Committee held at President Samuel W. Stratton's home last Thursday afternoon.

As this was the last meeting of the Interfraternity Conference this term, all the business was brought up to date, and the new officers were installed.

CHI EPSILON FORMS INSTITUTE CHAPTER

Honorary Fraternity for Civil
Engineers Is Installed

Chi Epsilon, national scholastic fraternity for Civil Engineers, is the latest addition to Technology's honorary group. Last Saturday evening, within one day of the sixth anniversary of the founding of the fraternity, the ten Junior and Senior students of the honor group of Course I were initiated as charter members of the Institute chapter.

This fraternity originated at the University of Illinois in 1922, and since then has spread to nine of the largest engineering institutions in the United States. Its requirements are not alone scholarship, but character, efficiency, dependability and other requisites of a successful engineer. The key is of gold, in the form a transit, containing the Greek letters Chi Epsilon.

Professor Charles M. Spofford '93 was initiated as the charter honorary member of the chapter. Those of the Senior honor group are Kenneth A. Clark, Edward H. Holmes, John A. Jameson, Jr., William J. Kirk, Henry G. Lamb, John Luby, and George P. Palo; of the Junior honor group, Clarence C. T. Loo, John P. Ramsey, and Hunter Rouse.

T. E. N. HOLDS YEARLY ELECTIONS TO BOARD

Asst. Managers Announced
At Annual Banquet

"The Old Plantation" on St. James Street, Boston, was the scene of the annual informal Spring dinner for the staff of the *Tech Engineering News* on Thursday evening, May 17th. A large number of competitors and members of the board were present at the banquet, where the annual elections were later announced.

Mr. Ratcliffe of the *Boston Transcript* delivered the main speech of the evening directly after the conclusion of the dinner. He confined his remarks mainly to the telling of a number of anecdotes and interesting journalistic experiences in connection with his present work in the newspaper office.

At a recent meeting of the managing board, the annual elections were made, which were announced at the banquet as follows:—Assistant Publicity Managers, Willard L. Ulicher '30, John P. Dahlberg '31; Assistant Circulation Manager, John W. Cook, Jr., '31; Assistant Editor, Howard A. Robinson '30; News Editor, Christian E. Grosser '31; Staff, A. D. Bertolett '31. The following men were awarded T. E. N. charms for their commendable work during the past season:—Anthony R. Savina '30, Christian E. Grosser '31, Alexander H. Kuhnel '31, Richard T. Kropf '31.

Investigation Shows Fraternity Men Exceed Others In Outside Activities

Only T. C. A. and THE TECH
Have More Non-Fraternity
Men Competing

Sixty per cent. of the men in competition for staff positions on the various student activities belong to fraternities, it was found in an investigation conducted by THE TECH. The study was made in an effort to find out whether or not the indifference to outside activities did not include fraternities, as well as non-fraternity men. In this investigation, eight student organizations were used, as it was thought that the results from these would be representative of the whole situation at Technology.

	Fraternity	Non-fraternity
THE TECH	21	25
T. E. N.	15	7
T. C. A.	7	17
Voo-Do	17	8
Technique	11	7
Tech Show	13	4
Mus. Clubs	5	1
M. I. T. A. A.	26	10
	115	79
Total		187
Percentage fraternities	59.4%	
Percentage non-fraternities	40.6%	

STUDENTS ENGAGE IN BATTLE OVER BLAZING WRECKS

Fire Department Necessary to
Quench Fighting Spirit
Of Dormitory Men

DRENCH BOTH FACTIONS

Ten defunct automobiles which have been standing beside the tennis courts in front of '93 met their end last Thursday night in a blaze of glory. These cars had been abandoned by their owners and were without 1928 registration plates. For this reason they were condemned by the Institute authorities.

Several students in the old dormitories gathered a crowd of followers and proceeded across Ames Street to the place where the mechanical wrecks awaited their ministrations. They carried with them a quantity of kerosene which they distributed liberally over the machines. Then they set fire to the combustible material, and the fun began.

These actions on the part of the old dormitory men aroused the ire of those students residing in '93 and the new wings, since they had come to regard these pieces of junk with a certain proprietary interest. Their resentment of this encroachment on the rights was soon translated into action. Out of the open windows came various missiles directed at the amateur pyromaniacs and forth from the entries sallied the irate inhabitants of the new dorms, armed with buckets and fire hoses.

And the battle was on. The bucket-teers tried to rush the defenders' lines but were repulsed with losses. The deluge of water was insufficient to

(Continued on page 4)

RADIO SOCIETY HAS NEW 80 METER SET

Radio IMX, the station of the Radio Society, will have a new "250" watt crystal control transmitter in operation this week. The station which is being constructed for the Army Net, will be used on 80 meters, for amateur communication and for the regular transmissions to members of the net.

When this transmitter is completed, the Association will have three complete sets in operation at the station. The 20 meter, 250 watt transmitter, which is used for daylight long distance communication and for experimental purposes, is the highest frequency transmitter in operation at the station at the present time. The 40 meter set is employed for the greater part of the communications, both during the day and night. Stations in every continent have been reached with this transmitter. It is expected that the station will be moved to its new location during this Fall.

Those who conducted the study realized that these results might be misleading. However, they took the only means at their disposal to determine what they wanted to know.

These results show that the fraternity men lead in nearly every activity, the notable exception being the Technology Christian Association, where the non-fraternity men exceed the others by ten men. The other exception is THE TECH, in which there is noted almost a balance of the two groups. In the rest of the activities, the fraternity element exceeds by a large percentage in most cases.

A further analysis of the investigation shows that with but few exceptions, the officers of the various organizations are fraternity men. This is particularly true of the managing boards of the activities.

CALENDAR

Monday, May 21
1:00—Chess Club Meeting, East Lounge, Walker.
5:00—Battalion Review, Presentation of Harst Trophy.
Thursday, May 24
5:00—Second Term Exercises, Lind.
Friday, May 25
9:00—Examinations Begin.
2:00—Baseball, Beavers vs. Tufts.

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BROWN-BAGGING GREEKS

WE began this investigation, the results of which are published elsewhere in this issue with the belief that there were as many "brown-baggers" in fraternities as outside. In order that we might make as fair a comparison as possible, a study was made of the individual affiliations among eight undergraduate organizations.

Life at the Institute is generally considered to be divided into three groups: the dormitory group, the fraternity group, and the "brown-baggers", or those whose whole existence is devoted to assiduous study. This is not a wholesome division; in fact almost any other would be better. We believed that the general acceptance of this division was a fallacy, and while the results do not directly contradict this view, neither do they substantiate it.

The results show that there are in student activities 60 percent fraternity men and 40 percent non-fraternity. Not such a remarkable difference, when one considers the important factors which influence fraternity men to take part in activities. We still believe, as we did in the first place, that fraternities are not free from those who take no interest in Technology so far as participation in activities is concerned. If this lack of interest were explained by application to studies, the faculty advisers of the fraternities, at least, would be highly pleased, but that is another story.

It is not strange that there are more fraternity men competing for staff positions. In the first place, the fear of cold water on Monday night makes the freshmen work their hardest at their jobs. There is a universal slogan in fraternities—"Every freshman out for something", and this fact, right at the outset, furnishes a fraternity nucleus in the organization. The non-fraternity freshman has no such stimulus, and thus only those compete who are inclined to take the time from other work.

The very fact that a student joins a fraternity is proof that he is originally interested in something other than the book education he attempts to acquire at Technology. This interest in extra-curricular work may continue to include one of the organizations investigated. Then, too, there is the fact that a fraternity man not only finds personal satisfaction in winning a competition for a high position, but also knows that his success is a credit to his fraternity.

We found in the course of the study that the non-fraternity men feel that fraternity politics play such an important part in the elections that no one else has a chance of a high position. However, this is clearly not the case. If a man is conscientious in his work for the job, time after time has been shown that his social affiliations play no part at all in the voting.

Outstanding in the considerations on this matter is the fact that the fraternity and non-fraternity average of grades is so nearly equal that the difference is negligible. This shows conclusively, then, that scholarship is as important within fraternities as it is outside.

We have taken the only means for a comparison that was at hand. The results show a rather large difference in participation in activities, but when one considers the very important stimuli which influence fraternity men to compete, this difference has no particular weight. Why, then, do fraternities so sneeringly mock the "brown-baggers"? They exist, true enough, but they are by no means essentially non-fraternity men. It is an attitude which perhaps does more than any one thing to cause discord among the factions of the Institute. If we rid the school of a long-held fallacy we shall be aiding immensely in our progress towards the goal towards which everyone, faculty and student, is striving—a Greater Technology.



Social Notes

HEARTS AND FLOWERS

Technique held one of the most delightful events of the season in its closing party last Friday night. Dining at the Ritz-Carlton—who said "Snique went broke?"—the silver spectacle of the affair proved too great a temptation for many of the bored. On to the theatre went the silverware.

"Rio Rita" is said to have delighted the boys immensely. So charmed were they that what did the mob do but scrape together all the beautiful but wilted flowers they could find, bind them together with one of the bored's steel watch anchors, drop in a mush note on a D. U. dance bid with one of the Ritz-Carlton spoons, and send the mess into Ada May. And how overjoyed Ada was! She came out after the curtain fell and read the missive from the "Sixth Row Gang" with all the devout fervor she could muster. And weren't the Technique pleased! Lingerie is quite sure the T. E. N. banquet at the Old Plantation was much the drier celebration.

Showing Hazel How

Lingerie has just received notice that many Prominent Activity Men felt that Hazel should receive some idea of how it seems to get married before the Big Event came along. So with the help of Tech Show properties and Wallie Ross, Messrs Wood, Patterson, Jessup, etc., etc., gave a very enlightening costume demonstration, for the benefit as well of the very many eligible stenogs which infest Walker Memorial. Lingerie wonders what-in-hell Wood knows about it anyway.

Manly Bosom Peels

Mr. P. T. McCarthy is the most unbelieving person Lingerie can imagine. It seems that several weeks ago P. T. dropped into Eloy Benson's lab to laugh at his quartz sunburn machine. "You don't mean to say you could tan me with that darn thing," said the unbeliever. So just for the helluvit the doubter sat under the heat rays seven minutes instead of the maximum allowable five. "I'll be darned if even my wife will notice it," says he.

Well, the next day P. T.'s manly chest (he stuck it out too far) and back were a shiny Harvard Crimson—and then the skin began to peel. One, two,—five layers (at least) came off of his barrel bosom, and his wife just laughed and laughed. These physicists shure have it all over the athletes when it comes to giving a royal tanning.

Crimson Step-Ins

Ever since Lingerie's picture came out in the tabloid, THE TECH has been getting embarrassing offers from the Women's Journals who are trying to sell her things. But now comes the worst. Right at the top of the "Harvard Crimson"—not McCarthy's—is this said to the tea-drinkers: "SILK STEP-INS; Just the thing for comfort; Various Colors" and all for the little sum of \$3.00. Just imagine a Harvard youth's embarrassment if he ever got dragged into one of these popular mixed bathing parties and his step-ins didn't match his complexion!

—THE TECH BOOK LIST—

TRACKS IN THE SNOW

TRACKS IN THE SNOW, by Lord Charnwood. New York: The Dial Press. \$2.00.

Detective stories are a considerable change from biography, but when a famous biographer writes novels of that type, we expect something above the ordinary, especially in the line of character portrayal. Nor are we disappointed; for Lord Charnwood, famous for his biography, "Abraham Lincoln," has made an excellent mystery story of "Tracks in the Snow."

Here we find no superlative detective who solves the deepest mystery in an afternoon, but an ordinary human being, a friend of the murdered man to whom it is a matter of years before he runs across the solution to the problem. Yet in spite of the time elapsed the story does not drag, as the characters as well as the action hold the interest. The element of mystery is well sustained to the end of the book, and the misleading tracks in the snow make a perplexing problem for us as well as for those concerned directly with the murder.

Although the book follows rather closely the traditional form for mystery stories, its detail is sufficiently different in its handling to make excellent reading. In spite of the fact that we are not ardent devourers of detective fiction we spent a very enjoyable evening with this book and its well defined characters.

THE SON

THE SON, by Hildur Dixelius. New York: E. P. Dutton & Co. \$2.00.

Fewer Scandinavian novels find their way to America than those of other European countries. It is therefore with uncommon interest that we pick up "The Son" by Hildur Dixelius. Although we do not find it the type of novel that our twentieth century American civilization has developed a great demand for, as a means of obtaining an insight into the old Swedish vicarages and villages of fifty to a hundred years ago it is excellent.

It carries the story of Sara Alelia and her family and especially the son, Erik Anton, through life, love, and death as they come in the barren regions of Sweden. Religion, mixed with elements of the supernatural and superstition, plays a large part in their lives, as they do so frequently among people lacking so many of the comforts. It has well developed charac-

ters apparently quite typical of the period and the locality. The story is excellent for its type, but to us it was the description of the period, the life of the times, and the beliefs of this rather unusual group rather than the plot which appealed. The book's appeal is rather limited due to its difference in style and point of view from this more or less scientific age. Those interested in historical types and those who like very moral and rather slow moving stories, as well as those interested in Scandinavian literature, will find this novel attractive.

CROOKED

CROOKED, by Maximilian Foster. Philadelphia: J. B. Lippincott Co. \$2.00.

In most of our ultra modern novels it is a third party that wrecks the happy home, and the eternal triangle sometimes elaborated to a square is the theme of such books. But another cause of domestic difficulties present in our modern metropolitan life is treated in novel form in "Crooked" by Maximilian Foster. Perhaps this force may best be termed the desire for keeping up with the Joneses.

It all started out from a seemingly happy home. But when the wife of the employer of Bertha's husband invited Bertha to go shopping in order to show off, things began to happen. After buying a dress that cost more than her husband's salary for two weeks, Bertha decided that all Charley needed was a little pushing. But Charley was one of these unusual husbands that one seldom meets in modern novels, for he really loved his wife more than anything else. So he submitted to being pushed even when it led him to a partnership in a prosperous bond house of rather doubtful honesty.

Things went better financially at least. They had fine clothes, a good car, fine friends, and lived in an exclusive apartment hotel. But in other ways things were not going so well, and the results form an exceedingly interesting and unusual story. There is an astounding amount of realism to the story, and the characterizations are unusually clear and human. Above all the style is excellent and is decidedly different from the usual modern novel.

H. T. G.

AS WE SEE THE MOVIES

METROPOLITAN

Showing Saturday evening a news reel of the Bremen celebration that occurred on Boston streets the afternoon of the same day, the Metropolitan gave its audience one of the most pleasant surprises in a long time; one could hardly believe his eyes when the rainy Beacon Street parade appeared on the screen.

Playing the role of a "Fool for Luck" oil promoter, W. C. Fields forgets for a few hours his usual slapstick comedy, and tries drawing the laughter solely from the humorous situations that arise—all wound about an oil well that doesn't gush till the proper moment, an intimate bedroom scene, a bit of forbidden liquor, and a pool table. Chester Conklin is a pathetic leading citizen, champ of the pool room, and possessor of a beautiful daughter and ambitious wife. Dancing in an oversize dress suit is about as far as he tends toward the oldtime comedy. All in all, the picture is amusing enough, but it lacks the hilarious funniness of the former Conklin-Fields combination.

Rodemichs stage presentation, devised by a new producer, is fully as enjoyable as it is different from the ordinary run. The chorus has ten times its former pep as well as some very trick dance numbers. Electrical-phosphorescent marionettes

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MAINE BEARS RETAIN N. E. TRACK TITLE

Technology Rifle Team Winner of Eastern R. O. T. C. Championship

TECHNOLOGY FAR BACK IN SCORING AS MAINE TAKES NEW ENGLAND CHAMPIONSHIP

University of Maine won their second consecutive New England track and field championship Saturday afternoon on the rain-soaked track at Tech Field. Maine scored 31 3/4 points against 26 for Holy Cross, Bates with 18 and Brown with 17 were next in line while Technology finished a poor tenth with 6 1/4 points. The only M. I. T. men to get into the scoring were Marsh Fay in the half, Miles Gray in the discus, Russ Costello in the high jump and Ray Jack in the pole vault.

Except for a first place in the two miles the Maine men scored all of their points in the field events. There was but one record broken when John Collier topped the high hurdles in 15 seconds ft. which is a wonderful performance when the heaviness of the track is considered.

Fay Places in the Half
A rugged little freshman from Bates, Russell Chapman by name, won the half easily in the fast time of 1:56 3-5. Rogers of B. C. was second just nosing out Marsh Fay of Technology.

Captain Cy Meagher put up a game fight in the quarter but did not have the stuff to come through in the last twenty yards of the race. Wakely of Bates won this race easily. Freddy Ladd got into the final of the furlong but finished just out of the scoring position.

The mile was a fine race between Sansone of Colby, Rice of Worcester Tech, and Kearns of Brown but the Maine collegian running a head race all the way crossed the tape with a nine yard margin.

Gray Heaves Discus for Third Place
Maine produced a discus thrower who finished six feet ahead of his nearest rival. Miles Gray of Technology placed third in this event several feet under his best form.

After being the first of the qualifiers on Friday Jim McCarthy was un-

able to get into the final point split Saturday. The weather and treacherous footing bothered him a great deal.

Howard Barrington qualified in the low hurdles on Friday and placed third in the fastest semi-final heat on Saturday but as only two men qualified he was shut out of the final.

Jack a Disappointment in Pole Vault
The pole vault was a bitter pill for Technology supporters when Ray Jack who was the favorite, could only get a tie for third over a foot below his record.

Russ Costello figured in a quadruple tie in the high jump to upset the dope. Reb Russell of Brown won this event at just a fraction under six feet.

Paul Toolin, University of New Hampshire captain, won the low hurdles in 24 2-5 seconds, just two-fifths of a second behind the record set by Hank Steinbrener last year.

Tuesday night all the Technology track men, Varsity and freshmen, are to hold a banquet at which awards for the place winners in the handicap and interclass meets will be made.

The summary:

One Hundred Yard Dash

First heat—Won by E. Morrill, B. U.; second, James Quinn, Holy Cross; third, H. W. Shaw, Wesleyan; fourth, H. R. Strang, Williams. Time—10 1-5 s.

Second heat—Won by James Daley, Holy Cross; second, H. Mostron, Bowdoin; third, G. M. Smith, Middlebury; fourth, L. W. Beale, Williams. Time—10 1-5 s.

Final—Won by James Quinn, Holy Cross; second, James Daley, Holy Cross; third, Ernest Morrill, Boston University; fourth, H. Mostron, Bowdoin. Time—10 1-5 s.

Two Hundred and Twenty Yard Dash

First heat—Won by James Quinn, Holy Cross; second, L. W. Beale, Williams; third, F. A. Ladd, Tech. Time—22 3-5 s.

Second heat—Won by Norman Bicknell, Boston University; second, James Daley, Holy Cross; third, Albert Smith, Middlebury. Time—22 3-5 s.

Final—Won by James Quinn, Holy Cross; second, Norman Bicknell, Boston University; third, L. W. Beale, Williams; fourth, James Daley, Holy Cross. Time—22 1-5 s.

Four Hundred and Forty Yard Dash

Won by Max Wakely, Bates; second, Reginald Atkins, New Hampshire; third, Stanley Parke, Northeastern; fourth, John Woodworth, Boston College. Time—50 1-5 s.

Eight Hundred and Eighty Yard Run

Won by Russell Chapman, Bates; second, Walter Rogers, Boston College; third, M. H. Fay, Tech; fourth, Francis Daley, Boston College. Time—1m. 56 3-5 s.

Mile Run

Won by Charles Sansone, Colby; second, Gordon Ilce, Worcester Poly; third, J. E. Kearns, Brown; fourth, Arnold Noyes, New Hampshire. Time—4m. 23 2-5 s.

Two Mile Run

Won by H. L. Richards, Maine; second, R. H. Mead, Wesleyan; third, Herman Wardwell, Bates; fourth, Thomas Fitzpatrick, Holy Cross. Time—9m. 50 4-5 s.

Two Hundred and Twenty-Yard Low Hurdles

First heat—Won by Bernard Lucas, Bowdoin; second, W. L. Jones, Maine; third, James Spillane, Holy Cross. Time—25 2-5 s.

Second heat—Won by John Collier, Brown; second, Alfy Connelly, Boston College; third, Stanley Fisher, Bates. Time—25 4-5 s.

Third heat—Won by Paul Toolin, New Hampshire; second, Walter French, Worcester Poly; third, H. S. Zarrington, Tech. Time—25 1-5 s.

Final—Won by Paul Toolin, New Hampshire; second, John Collier, Brown; third, Walter French, Worcester Poly; fourth, Bernard Lucas, Bowdoin. Time—24 2-5 s.

One Hundred and Twenty-Yard High Hurdles

First heat—Won by J. S. Collier, Brown; second, Bernard Lucas, Bowdoin; third, Owen Dooley, B. C.; fourth, Francis Powers, Northeastern. Time—15 2-5 s.

Second heat—Won by Earl MacDonald, H. C.; second, Paul Toolin, N. H.; third, Nathan Green, Bowdoin. Time—15 1-5 s.

Final—Won by J. S. Collier, Brown; second, Bernard Lucas, Bowdoin; third, Owen Dooley, B. C.; fourth, Paul Toolin, N. H. Time—15s. (new record).

Running High Jump

Won by C. T. Russell, Brown, 5ft. 11 7-8 in.; second, A. W. Moran, Northeastern, 5ft. 10 7-8 in.; third, (tie among Mayo Seekins, Colby; Philip Lenz, Rhode Island; C. E. Connor, Maine, and R. H. Costello, Tech, 5ft. 9 7-8 in.

Pole Vault

Tie for first between P. A. Beckler and H. D. Harding, Maine, 12ft.; third, tie between R. A. Jack, Tech, and G. E. Martin, Northeastern, 11ft.

Shotput

Won by Samuel Thompson, Maine, 44ft 4in.; second, Patrick Sweeney, Holy Cross, 42ft. 1 3-4 in.; third, Harry Cornsweet, Brown, 41ft. 9 1/2 in.; fourth, Richard Brown, Bowdoin, 41ft 6in.

Broad Jump

Won by Robert Talbot, Rhode Island, (Continued on Page 4)

Freshmen Wind Up Season In Defeat By New Hampshire

Broder and Benjamin Double Winners in One-Sided Meet at Durham

Running in the rain on the New Hampshire track the Technology freshmen were decisively defeated by the New Hampshire yearlings 92 1-3 to 33 2-3 in the final meet of the year. The Durham men made clean sweeps in the high hurdles, quarter, half, hammer, and javelin. The Cardinal and Gray men showed strength in the dashes when Charlie Broder won the century and the furlong. Phil Benjamin of the Institute team was also a double winner taking the high jump and the broad jump. Benedict starred for the Wildcat cubs by winning both the half and the mile in fast time.

Phil Hardy, the M. I. T. freshman leader, was shut out in the high hurdles but placed third in the lows. He was also second in the discus. Charlie Broder won the hundred and two-hundred with Art Lappin third on both events.

Benedict of the New Hampshire team won the mile in the fast time of 4:33 2-5, Dick Baltzer getting third for M. I. T. Less than an hour later Benedict ran the half mile to win in 2:00 3-5 which is less than a second behind the Varsity record. Technology was shut out in this event.

Benjamin Shows Form in Jumps

Jumping with all the smoothness of a machine, Phil Benjamin, Technology freshman record holder, easily won the high jump at 5 feet 10 inches and came out later to cop the broad jump making a total of ten points.

Bud Grondal won the shot put without much difficulty and placed third in the discus. The Technology men were weak both the hammer and the javelin not placing a man in either event.

The pole vault went to Woolley of New Hampshire at 11 feet 3 inches but Earl Danforth and Ben Hazeltine vaulted well to tie for third with Faber of New Hampshire at 10 feet 6 inches. Hazeltine's performance is all the more remarkable for he has been practicing for less than a week.

The summary:

100-Yard dash—Won by Broder (T.); second, Hegstrom (N. H.); third, Lappin (T.). Time, 10 3-5 s.

200-Yard dash—Won by Broder (T.); second, Hegstrom (N. H.); third, Lappin (T.). Time, 25 1-5 s.

400-Yard run—Won by Salmarsch (N. H.); second, Cryan (N. H.); third, McLaren (N. H.). Time, 53 4-5 s.

800-Yard run—Won by Benedict (N. H.); second, Richardson (N. H.); third, Lazare (N. H.). Time, 2 m. 3-5 s.

Mile run—Won by Benedict (N. H.); second, Richardson (N. H.); third, Baltzer (T.). Time, 5 m. 33 2-5 s.

High hurdles—Won by Barron (N. H.); second, Suche (N. H.); third, Lawrence (N. H.). Time, 16 3-5 s.

Low hurdles—Won by Barron (N. H.); second, Suche (N. H.); third, Hardy (T.). Time, 25 4-5 s.

High jump—Won by Benjamin (T.); second, Woolley (N. H.); third, Burdett (N. H.). Height, 5 ft. 10 in.

Broad jump—Won by Benjamin (T.); second, Brooks (N. H.); third, Woolley (N. H.). Distance, 19 ft. 8 in.

Pole vault—Won by Woolley (N. H.); second, Brooks (N. H.); tie for third, Hazeltine (T.), Danforth (T.), and Faber (N. H.). Height, 11 ft. 3 in.

Shot put—won by Grondal (T.); second, Nixon (N. H.); third, Hanley, (N. H.). Distance, 44 ft. 3 in.

Discus throw—Won by Hanley (N. H.); second, Hardy (T.); third, Grondal (T.). Distance, 113 ft. 11 1/2 in.

Hammer throw—Won by Perkins (N. H.); second, Robinson (N. H.); third, Nixon (N. H.). Distance, 130 ft. 10 in.

Javelin throw—Won by Geoffrey (N. H.); second, Ryder (N. H.); third, Hanley (N. H.). Distance, 141 ft. 1 in.

GYM COACH TRAINS FOR THE OLYMPICS

Pearson Leaves for New York Where He Will Practice For Tryouts

Jack Pearson, former Technology gym coach, left last Friday for New York to undergo a rigorous training period for the Olympic Tryouts which come June 9. Pearson has been granted permission by the Navy Department to train for the Olympics and if he makes the team he will go over to Europe.

That is Pearson's last year with the gym team and all of the team members are sorry to see him leave as they will have a hard time finding another coach as good as Jack.

Team Looks For a New Coach

Several men are being considered as possible coaches for the team next year. Hoar of Springfield will be around Boston next year and has

Trophy Will Be Awarded To Team At Review Today

Technology has been announced by the War Department as the winner of the William Randolph Hearst Trophy in the national R. O. T. C. rifle competitions for all of the East. This is considered a great honor for the Institute and for the five men composing the victorious team, as it has won from more than thirty teams representing colleges and universities of the Eastern section.

Presentation of the Hearst Trophy on which will be inscribed the names of the championship team members will be the feature of the annual Graduation Review to be held on the Technology Parade Grounds at 4:15 o'clock this afternoon. This final review of the Battalion for the year will be held before President Stratton and Major-General Preston Brown, and will be followed by a parade. Then Mr. Mortimer C. Priest, M. I. T. '96, representing the donor, Mr. Hearst, will present the handsome shield trophy to Technology, and Dr. Stratton will receive it. After this each of the five members of the team, Arthur R. Elliott '28, Robert M. Harbeck '28, Richard G. Orleman '30, Robert G. Loomis '29, Fred A. Twarogowski, '30, will be presented with a medal.

For this competition the United States was divided into four areas—East, Mid-West, South, and West. Each of these sections was divided into Senior and Junior units. The Technology rifle team was the winner in the Senior unit for the Eastern section, with a score of 834. This appears somewhat low because the new scoring rule which has just gone into effect dictates that those shots which hit on a line shall count for the lower number instead of for the higher, as formerly. The individual scores were: Harbeck 169, Orleman 169, Loomis 169, Elliott 165, Twarogowski 162. Lieutenant Moore was coach of the team.

Beavers Battle Tufts In Final Game of Season

Brig Allen Or Gannon Will Be On the Mound In Game On Tuesday

Rain caused the postponement of the Villanova-Beaver baseball game which was to have been played on Russell Field, North Cambridge, on Friday afternoon. Tuesday the Beavers will play the final game of the season when they meet Tufts at Medford. This will be the Beavers last chance to win a game and if they do not come through they will complete the season without a victory to their credit.

Either Brig Allen or Gannon will be on the mound as both of these men have had sufficient rest to be in tip top shape. Brig is the more likely choice as Gannon did most of the work in the Lowell Textile game.

Beaver Hitting Improves

During the last few games the Beavers seem to have gotten their eye on the ball and are beginning to hit it out to the garden more often. Phil Riley and Cullinan do most of the stick work for the Cardinal and Gray, but the other team members did some good work in the Lowell game.

With the Tufts game as their last chance to break the losing streak that the Beavers have suffered this year, the Cardinal and Gray nine is going to do their best to hand the Jumbos a decisive licking. If the Engineers' pitching holds out there is a fair chance of closing the season with a victory.

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Finds Tobacco for "Breaking In" a Pipe

Columbus, Ohio
March 10, 1927

Larus & Bro. Co.
Richmond, Va.
Gentlemen:

Two years ago my wife gave me an expensive pipe. I smoked it a great deal for two or three weeks, put it aside, then began smoking it again. This time it was very strong. Veterans told me that it had been smoked too hard for a new pipe and should be put away. The pipe was laid away again. A short time ago I got it out and smoked one of the common brands of tobacco in it. The results were disappointing. I told the druggist of my experience with it. He asked if I had tried Edgeworth. I told him I never had. I followed his suggestion, and I am honest when I say that it has restored the sweetness to the pipe, and has made me wonder. Was it the pipe or the brand of tobacco that caused me to lay it away for the long period of time? As a novice, I prefer Edgeworth. I am going to stick to it, as I feel satisfied that there is none better on the market.

Sincerely yours,
Philip C. Shera

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Compacts	\$1.50-\$10.00	Knives	\$2.50-\$3.00
Bracelets	\$4.50-\$10.00	Cuff Links	\$3.50-\$6.00
Paper Cutters	\$1.00-\$1.50	Pendant & Charm	\$5.00-\$6.00
Book Marks	\$1.00	Comb & Case	\$4.00
		Cigarette Cases	\$2.75-\$10.00

TECHNOLOGY BRANCH
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New Campus Will Be Completed By Fall

Work on the new campus is improving at a great pace, judging by the various noises and the intense activity which is going on in the Great Court and the smaller courts. A large number of trees have been planted all over the grounds, concrete walks are being laid out, the courts is being graded, the gravel is removed, and all is ready for the laying of the sod, which will replace the unsightly stones. Exclusive of the trees, the cost of improving the courts will be \$25,000. By the opening of the fall term the work will have been completed, and returning students will be greeted with a green campus, surrounded by trees—there, there, and there—and no longer will Technology have its old eyesore, a campus which can't be walked upon.

TITTMAN ELECTED VARSITY CAPTAIN

Gibbons To Lead 150-Pound Crew Next Season

Varsity and 150-pound varsity crew captains for next year were chosen at the crew banquet held at the Riverbank Court Hotel last Friday evening. Edward M. Tittman '29, of Hillsboro, New Mexico, was elected varsity captain, and Henry B. Gibbons '29, of Hyde Park, Mass., was selected to lead the lightweight crew. Tittman prepared at Stone School, and entered Technology as a freshman. The past two seasons he rowed on the varsity, and was at number five this spring. Gibbons prepared at Hyde Park High School, and rowed on the freshman Field Day crew, and has been on the light varsity the last two years. The Tech Boat Club also held elections at the banquet. Warren H. Dolben '29, of Somerville, Mass., was elected Commodore, Rolf A. Zurwelle '29, of Port Washington, N. Y., Vice Commodore, and Charles T. Abbott '30, of Hershey, Neb., Secretary-Treasurer. About sixty men were present.

LIBERAL CLUB HOLDS LAST MEETING TODAY

Officers To Be Elected at First Meeting of Next Year

Election of officers for the newly formed Liberal Club will not be held until the first meeting of next year. The fact that the formation of the club was started so late in the year and that school will close in two weeks led to this decision. Being an outgrowth of the bull-sessions held at the Institute a few months ago, the Liberal Club will continue in the same manner. The meetings will be held in the fashion of an open forum where questions can be freely debated and discussed. The members of the club plan to start their series of weekly meetings as soon as school is started next fall. Plans for the activities of the club as soon as it has been regularly organized have been started and the members are already at work on devising and drawing up a constitution. This constitution will probably be ready to be acted upon by the first meeting. This afternoon an informal meeting of the charter members of the club will be held for the purpose of settling the final plans for next year.

BOIT PRIZE WINNING THEMES ARE CHOSEN

Announcements of the winners of the Boit prizes were made in the Sophomore English 122 lectures by Professor Robert E. Rogers and William C. Green in Rooms 5-330 and 2-390 respectively, on Saturday morning. In accordance with the terms of the Boit bequest the awards are made "to stimulate interest in the best use of the English language." With this in mind a number of themes are selected twice each year from those submitted to the English instructors as part of the regular work of the course and are then given to the judges for the final selection. Professor Henry G. Pearson, Professor Robert E. Rogers, and Malcolm A. MacDuffie picked the winners of the prize essays for this term. The titles of the winning compositions and their Sophomore authors are the following:—"The Madman," by Denis R. Agar; "The Fallacies of Science," by George E. Barker; "Sur le Bord de la Seine," by Mary E. Betts; "The Good Life," by Edward G. Girous; and "An Embryonic Scientist Defends his Choice," by Edward M. Pritchard.

AERONAUTICAL T. E. N. GOES ON SALE TO-DAY

Contains Program of Aero Laboratory Dedication

(Continued from page 1)

navigation, and communication between aircraft in flight. Numerous articles relating to other engineering fields are included, so that a balance of subject matter has been maintained. "The Experimental Mine of the U. S. Bureau of Mines" describes the work of the only coal mine in the world developed and maintained solely for experiments to promote safety and efficiency in the mining industry. Since 1911, over one thousand explosions have been produced in the mine by artificial means. Through scientific observation of the causes and effects of the blasts, much valuable information has been obtained, and as a result of the application of the Bureau's recommendations, the annual number of mine explosions has been greatly reduced.

Professor Turner of the Department of Biology and Public Health, has contributed the article "Is Industry Interested in Health Education?" During the past eight years, Course VII has made extensive studies in the field of health education through a carefully planned program in the Malden public schools. Professor Turner describes this work and its accomplishments in detail, and forecasts a better life for the human race when the aims of scientific health education have been realized. "Development and Research in the Bell System" is presented by E. B. Craft, Executive Vice-President of the Bell Telephone Laboratories, one of the greatest research organizations in the world. He discusses the solution of the various problems of the communications industry, and describes the development of long distance cables, picture transmission, permalloy, the audiometer, and the electrical stethoscope.

The manufacture of "Electrically Welded Steel Railroad Ties" from worn out scrap rails is the work of George A. Chutter '21 of the General Electric Company. These ties are cheaper than those made of wood, and have proved to be more satisfactory in service. "The Division of Simplified Practice," a governmental agency which has brought about a saving to industry of over \$600,000,000 per year by eliminating the manufacture of commodities in sizes and types for which there is no economic justification, is described by Ray M. Hudson, Chief of the Division of Simplified Practice, U. S. Bureau of Standards.

The recording spectrophotometer developed by Professor Arthur C. Hardy '18, in the Optical Laboratory is the subject of his article on "Color in Industry." The device has had considerable publicity in the public press, but few details of the actual methods employed have been given heretofore. It is by the use of this machine that the official cardinal and gray colors of Technology have been standardized, and many other interesting measurements, such as the comparison between ripe and unripe fruit, are also described.

As has been previously announced, with each copy the purchaser will receive a number which entitles him to a chance for one of the three airplane rides which the T. E. N. is raffling away in conjunction with the sale of the issue. Following their selection on Tuesday afternoon, the three lucky numbers will be published in Wednesday's issue of THE TECH, and the winners will receive a free ride in the planes of Skyways, Inc., now operated by a group of Technology men at the Boston Airport.

BALANCING MACHINE PLAN OF DR. MILLER

As soon as an appropriation can be obtained the department of Mechanical Engineering will add a balancing machine to its equipment. The machine which the department is anxious to obtain is one which determines moments to one pound inch and will handle objects the size of automobile crankshafts.

In operation the machine determines the location and value of unbalanced moments so that a rotating part may be accurately balanced and counter balanced.

OFFICERS ELECTED BY CATHOLIC CLUB

As a result of elections held by the Technology Catholic Club last Wednesday, Paul F. Donahue '29, manager of hockey and vice president of the M. I. T. A. A., was chosen president for the year 1928-29.

Norman F. O'Shea '30, who played one of the leading roles in the 1927 Tech Show, was elected vice-president. Robert D. McCarron '30, Thomas J. Hickey '30, and John G. Sullivan '29 were chosen financial secretary, treasurer, and secretary respectively. The new board of directors is composed of Anthony J. Perry '29, Philip J. Riley '30, and John W. Bahr '31.

FORMER GYM COACH LEAVES FOR TRAINING

Will Train For Next Olympics Team Seeks New Coach

(Continued from page 3)

made an application for the position. He won the New England Tumbling championship this year and is a good performer on a number of other pieces of apparatus. Several other men are being considered, among them being the team's former coach. No decision will be made until the beginning of next season and in the meantime the team will keep practicing without the services of a coach.

Dave Wells and Captain Harold Fairchild are well able to coach along other members of the team until a coach is chosen. Dave beat out Pearson on the Horizontal bars in the New Englands this year and is capable of coaching other men on this piece of apparatus.

Fairchild does very good work on the side horse and has been helping along a number of freshmen who are trying out for this event. Norman Dolloff can aid the tumblers of which there are quite a number. Dolloff was just nosed out by Hoar in the New Englands and he ought to come through well in next year's competition.

T. C. A.

Notice—Many men have made pledges through the fraternities in the T. C. A. drive in October last, and we would like to have men who have collected any money in regard to these pledges please drop into the office and turn in any money they have now.

CLASS OF '28

Members of the class of 1928 who desire to have the themes written by them in their English courses may obtain them at room 2-285 between the hours of 9 and 12 and 1 and 5.

HOLY CROSS SECOND WITH SCORE OF 26

Bates Third — Brown Fourth M. I. T. Finishes Tenth

(Continued from page 3)

22ft 8in; second, J. S. Hall, Mass. Aggies, 21ft 11 1/2in; third, Stanley Rowe, Bates, 21ft 4 1/2in; fourth, James Daley, Holy Cross, 21ft 8in.

Hammer Throw

Won by E. R. Gowell, Maine, 162ft 4in; second, Robert Bruce, Rhode Island, 152ft 11in; third, Michael Jenevese, Holy Cross, 139ft 4 1/2in; fourth, Edgar Wood, Bates, 136ft 5 1/2in.

Discus Throw

Won by E. R. Gowell, Maine, 132ft 4in; second, Romeo Houle, Bates, 125ft 3in; third, M. R. Gray, Tech, 121ft 5 1/2in; fourth, John P. Rollard, Colby, 120ft 10 5/8in.

Javelin Throw

Won by W. E. Carrington, Holy Cross, 175ft 9 1/4in; second, E. P. Black, Maine, 168ft 2 1/2in; third, William Partridge, Rhode Island, 168ft 1 1/2in; fourth, Algot Fosberg, Northeastern, 167ft 6 3/4in. 4/MP. aM;yE..h(B.Q.V)

DORMS WET FIREMEN IN MIDNIGHT FORAY

(Continued from page 1)

quench either the flames or the spirit of the men from across the street.

Someone among the attackers had had a more practical idea, however. He ran to the fire box and sent in a call for reinforcements to the Cambridge fire department. The altercations were still going on when the fire-eaters arrived and brought their heavy artillery into action. The barrage laid by the "Big Bertha" fire-hoses of the department soon showed a devastating effect. The fighters were completely overwhelmed, and, wringing wet, both factions left the field of battle. The field was now clear for the final drive. The hoses were then turned on the furiously blazing cause of all the disturbance, and in a few moments the flames were smothered.

WALKER IS SCENE OF MOCK WEDDING

Ceremony Performed In Honor Of Miss Hazel Gatcomb's Coming Wedding

For the first time the Faculty Dining Room in Walker Memorial was the scene of a wedding ceremony last Saturday afternoon. Even though this wedding was only a mock affair it turned out to be an enjoyable affair for all those present. The mock wedding was held in honor of Miss Hazel Gatcomb, one of the T. C. A. stenographers who is to be married on June 2.

Due to the efforts of William Carlisle '28, the dining room took on the appearance of a modern church. Candles and flowers were placed throughout the room while in the center was an altar, in front of which was a railing. The young couple of which Henry I. Patterson '30, was the bride with M. Richard Boyer '29, as the groom knelt on cushions before the altar railing.

Harlan R. Jessup '28, was the maid of honor while Fred N. Dickerman '30, acted as best man for the occasion. The ceremony was performed by Robert Snyder '30, who acted as rector. Leonard Stievater '30, was the youthful page while the functions of the flower girl were performed by Theodore A. Riehl '30. The father of the bride was Pernel Aborn, Secretary of the Undergraduate Employment Bureau, while Wallace M. Ross, Secretary of the T. C. A. acted as the bride's mother. L. Sigfred Linderoth '30, was head usher during the ceremony.

Music for the wedding march was furnished by the Tunesters. The pseudo women wore costumes furnished by the Tech Show while the men were clothed in ridiculous fashion.

THERE IS ONLY ONE DUCO . . . DU PONT DUCO



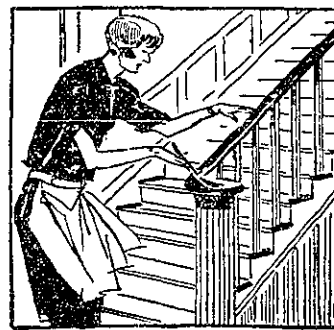
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