

FRATERNITIES NAME PLEDGES

F. ATTWOOD ELECTED JUNIOR CLASS PRESIDENT; SOCIAL CHAIRMAN IS McLAUGHLIN

Steno, Drigot and Krause Also Elected to Office; 126 Juniors Cast Ballots.

In the Junior class election held last Thursday, Fred Attwood, Ch. E., was elected to the office of president, and Ed Stehno, E. E., was elected vice-president. Berlyn McLaughlin, C.E., was made Chairman of the Social committee, and William Drigot, E. E., and Robert Krause, M. E., were elected to the offices of secretary and treasurer, respectively.

The polls were open from 10:30 to 2:30, and during this time 126 men cast their votes. The final tally as made by the election committee was as follows:

- President**
R. N. Wilson, 16
F. E. Attwood, 64
C. J. Robin, 46
- Vice-President**
A. R. Draus, 60
E. J. Stehno, 66
- Secretary**
W. Drigot, 126
- Treasurer**
R. M. Krause, 82
W. E. Schirmer, 44
- Social Chairman**
R. D. Kellner, 50
A. J. Lenke, 15
B. G. McLaughlin, 61

ARMOUR ENGINEER STAFF TO ATTEND A. S. E. C. M. A. MEETS

Delegation to Meet at Purdue University on October 31

THREE DAY PROGRAM

A representation of members of the Armour Engineer staff will attend the ninth annual convention of the Engineering College Magazine Associated at Purdue University in November. The school will pay the traveling expenses of one of the staff.

On Thursday, October 31, delegates from twenty-one member magazines, from two provisional-member magazines, and from three petitioning publications will gather at Purdue University to open the ninth annual convention of Engineering College Magazines Associated. The convention closes at Saturday noon, November 2.

The hosts of E. C. M. A. at Purdue have been working on this convention for months and promise to the delegates a most interesting, helpful, and entertaining program. As the Armour Engineer is a member of E. C. M. A. its delegate, along with the delegates of other colleges, must be prepared to offer at least two outstanding problems which will be threshed out in the big round-table discussion on Friday afternoon.

Some of the main events on the informal Banquet on Oct. 31, the business and editorial sessions on Friday, Nov. 1, and the E. C. M. A. Informal Dance also on Friday, Nov. 1. On Saturday, Nov. 2 the announcements of awards will be made, new officers will be elected and the site for the 1930 convention will be selected.

Miss Steele Attends Urbana Convention

Miss Ellen Steele, Armour Tech librarian, is to spend Thursday, Friday and Saturday of this week at Urbana.

She will attend the convention of the Illinois Librarian Association.

SENIOR ELECTION WILL BE HELD THIS THURSDAY

In Charge of New Election Commission

The election of officers of the Senior Class has been set for Thursday by the election committee.

The election committee, chosen by the dean's office is composed of: G. J. Heller, chairman, R. E. Escott, D. J. Paul, W. K. Simpson, E. R. Rowley and Marvin A. Tennyson.

The candidates for election are:

- President:**
R. J. Serson
A. C. Gunther
J. Sitzler
- Vice-President:**
G. Horras
A. C. Stebbins
- Secretary:**
N. Buehling
C. H. Johnson
- Treasurer:**
E. Ransel
A. Frost
- Social Chairman:**
W. Scott
- R. A. Shoen**
R. M. Spencer
Sergeant-at-Arms:
R. Mortenson

A. I. T. Ushers Late for U. of C. Games

The privilege of ushering at the University of Chicago home games will be taken from the Armour students if they fail to attend more promptly at the next game.

Only 44 men were on time for the Chicago-Beloit game Saturday, October 5. Most of the men were given another chance for the Chicago-Indiana game last Saturday, but the total number of passes for this game was reduced from 100 to 75.

W. King Simpson, president of the Armour Tech Athletic Association, who conducts the distribution of the passes, announced that if all of the ushers are present for the Indiana game on time the total number of passes will probably be increased to 125.

The following rules should be observed by all ushers:

1. Be prompt. (Any man reporting after 12:15 p. m. loses his pass.)
2. Wear coats—not sweaters.
3. Be courteous.
4. Do your best in the performance of your duties.

Junior Chems Visit Underwriters' Lab

Last Friday the Junior Chemicals made an inspection trip through the Underwriters' Laboratories, and discovered the mysteries of the Fire Protects' hangout.

Before going through the laboratories, a short talk was given on the purposes and accomplishments of this institution. Many tests were under way, among the most interesting being the endurance test on safes, in which the test safe is put in a furnace for four hours at a temperature of 2,000 degrees, and then dropped from a thirty foot tower. To pass the test, the safe must deliver its contents intact.

LATE NOTICE

Monday, October 14 — All class elections not already held will take place Thursday, according to a last minute notice of the Dean's office. This means that the Senior election, the Sophomore election, and the Freshman election will take place on this date. This announcement supersedes all previous arrangements.

Entertain Frosh Fire Protects

The Freshmen Fire Protection Scholarship students were entertained at a luncheon given by the members of the scholarship committee at the Union League Club on Saturday, October 12. The purpose of the meeting was to enable the F.P.E.'s to become acquainted with the members of the awarding committee.

W. R. Townley, toastmaster, presided at the luncheon and introduced the speakers after warning the students to prepare for some well-founded advice. Professor Robinson and Professor Holmes made brief talks and left early to attend the Northwestern football game.

Professor Finnegan told the new students of the perils awaiting them at Armour Institute, and some of the pitfalls to be encountered. He was quite sure that if anyone passed through the first two years at Armour, he would finish the course without too much trouble.

Mr. Thomas, the newest member of the committee, gave a short but interesting talk on the fire insurance profession, past, present and future.

Mr. J. V. Parker, chairman of the Scholarship Committee, explained that the Fire Protects would receive a personal interview when they failed to pass a course, or did not display sufficient interest toward scholastic work in the opinion of a professor. No one there failed to get the impression that it was best in all ways to get good marks in their studies.

He also discussed the reasons for giving the scholarships. He stated, "These awards are not in the nature of gifts. They are a matter of good business. The increased efficiency of the men will pay for the expense of the scholarships."

Raedemaeker Speaks on Edison Monday

Mr. W. H. Raedemaeker, an official of the General Electric Company, will speak at a general assembly to be held next Monday, October 21, at 10:30 in Assembly Hall. His subject will be Edison.

The orchestra will probably play. The assembly will be held as a tribute to the work of Thomas Alva Edison, the scientist, and in conjunction with other activities of Edison Week. All students will be excused from classes to attend this one hour program.

Appearance of Orchestra, Mon.

The orchestra held its second rehearsal Tuesday, Oct. 8. Positions are still open for players in all sections. A piano player is especially needed. All new men are urged to attend the rehearsal tonight.

The orchestra will give its first concert in conjunction with the assembly to be held Monday, Oct. 21, to celebrate the 50th anniversary of the First Electric Incandescent lamp.

Honor "A" Elects V. Sturm Pres.

At a meeting held last Wednesday of the Honor "A" Society, Vernon A. Sturm, '30, was unanimously chosen president. John Kara, '30, last year's president officiated at the election. At the same time Garland Reichle, '30, was chosen vice-president to succeed Lamb, now an alumni. The position of secretary and treasurer went to Clarence Robin, '31.

Sturm long has been an active worker in the society, acting as secretary and treasurer last year.

FROSH NOMINATE OFFICERS; TO HOLD ELECTION SOON

R. Carlstrom Elected A. T. A. Representative

The first Freshman class organization got under way Monday afternoon, October 7th, in the school auditorium.

The '33 class immediately took the organization in their own hands by electing R. Mulrone, C.E., chairman pro tem and Wm. Masover, C.E., secretary pro tem.

The men were elected to their offices by a plurality in a standing vote. The opposition for the chairmanship was composed of S. Morris and R. Carlstrom, who lost by a slight margin. The losing candidates for secretary pro tem were Michel and Fernback.

Rivalry was evidenced between the different groups of men by their electing candidates from their own factions.

Dean Palmer first advised the freshmen on methods in conducting their organization. Nominations, according to Dean Palmer, may be made from the floor or by petition which must include at least thirty signatures. The office of the president must be filled by a majority vote and the minor offices by a plurality.

The meeting was then turned over to M. Vander Velde, '30, last year's president of the Junior class and acting president of the Senior class, who took charge of the meeting until the election of the chairman pro tem.

Vander Velde read the constitution of the Senior class and pointed out what a great asset it would be to have a harmonious class. Cooperation, in Vander Velde's words, means a successful class organization.

The meeting was adjourned with a resolve to accomplish everything at the next assembly.

On the following Friday afternoon, October 11, the freshmen again met in the assembly hall, with R. Mulrone, '33, presiding.

Dean Palmer addressed the men and explained the work of the A. T. A. and urged them to elect a representative to the Board of Athletic Control immediately. R. Carlstrom was elected to this office with over half the class backing him. The losing candidates were Davies and Galvani.

The minutes of the last meeting (Continued on Page 3)

CALENDAR

- Sophomore Class Election
- Tuesday, Oct. 15
- 1:10 P. M. A. I. Ch. E. Meeting in Science Hall
- Thursday, Oct. 17
- Senior Class Election
- Monday, Oct. 21
- General Assembly

NINE SOCIAL FRATERNITIES PLEDGE A TOTAL OF 74 MEN CLIMAXING RUSHING PERIOD

Largest Number of Freshmen in Recent Years Accept Bids—Now Wash Windows.

For eight days the freshmen at Armour listened to songs and stories of their importance during the eight days of rushing by the various social fraternities. Friday night, 74 men accepted pledges at nine of the social fraternities, with one house withholding its list. This week, the new pledges are answering phone calls, and running errands for the active members.

Pledging will continue through the term for most of the organizations, although the rush period is officially at a close. With a rest between semesters,

Sophomores to Vote on Oct. 15

The sophomore class will hold their class election Tuesday, Oct. 15, 1929 from 11:30 to 3:00 o'clock. The place of voting has not yet been decided on. The election being carried out on the system suggested by Dean Palmer, except that nominations were made from the floor.

The meeting for the class was held last Friday, Sept. 29, 1929 and the class elected to adopt the balloting system. The nominations were made at this meeting. They being:

- President**
W. F. Bauman, C.E.
E. J. Cavanaugh, Ch.E.
S. A. Carlson, C.E.
L. Billings, C.E.
E. G. Magnusen, F.P.E.
- Vice-President**
S. M. Lind, Ch.E.
H. J. Cameron, C.E.
H. F. Leichtenberg.
W. H. Rudolph, C.E.
L. E. Sheek, E.E.
- Treasurer**
J. R. Jackson, Jr., F.P.E.
R. F. Beatty, M.E.
J. C. Owen, M.E.
G. L. Bon Vallet, E.E.
- Secretary**
J. B. Dirks, F.P.E.
H. W. Yount, F.P.E.
W. F. Schmidt, M.E.
S. G. Grunstrom, M.E.
- Social Chairman**
J. E. Bryant, F.P.E.
H. M. Shmitt, Arch.
A. J. Mueller, F.P.E.
J. E. Welcly, Ch.E.

Cross Country Men to Receive Awards

At a meeting between G. S. Allison and Professor J. J. Schommer, Friday morning, it was decided that an athletic award will be given to those who make the cross country team this fall. The nature of the award will be announced after the meeting of the Athletic board this week.

All men interested in running, including the 21 who were at the gathering held Tuesday, Oct. 1, are urged to report for future practice.

Lockers can be had by applying to Mr. Krafft. Credit in gym will be given to all who work on the team. F. M. James, captain, announced that the first tentative meet will be held Saturday, Oct. 26.

A. I. CH. E. MEET TODAY

There will be a meeting of the A. I. Ch. E. today at 1:10 in Science Hall. All sophomore, junior and senior members of the Chemical Engineering Department are expected to attend.

rushing is resumed one week after the opening of the second semester. Initiation for the men pledged now will not occur until the second semester. The complete list of new fraternity pledges as announced Saturday morning is as follows:

- Phi Kappa Sigma**
Robert O. Belford, '33—F.P.E.
Donald N. Chadwick, '33—E.E.
Elsworth E. Eberth, '33—E.E.
William H. Hulswit, '33—E.E.
James W. Juvinal, '33—E.E.
John H. Miller, '33—Ch.E.
Robert C. Pond, '33—C.E.
Herbert F. Vallette, '33—Arch.

- Delta Tau Delta**
Vernon C. Alexander, '33—C.E.
Frederic C. Bartlett, Jr., '33—Arch.
Marshall R. Beal, '32—F.P.E.
Gerrit A. Bovenkerk, '33—C.E.
Robert H. Dorman, '33—Arch.
James R. Duncan, '33—F.P.E.
Raul H. Frye, '32—E.E.
George G. Gebhardt, '33—E.E.
Francis M. Gibian, '33—E.E.
Edwin J. Griffin, '33—C.E.
John F. Ireland, '33—Ch.E.
Walter H. Larson, '33—Arch.
Thomas D. Luckett, '33—Arch.
Harold D. Marshall, '33—F.P.E.
David W. Pearson, '33—F.P.E.
Harold A. Pearson, '32—E.E.
Raymond A. Peterson, '32—Arch.
Bruce C. Scott, '33—F.P.E.
Robert R. Tufts, '32—Arch.

DEDICATE LIBRARY AS MEMORIAL TO DANIEL BURNHAM

Chicago Architects Hold Monthly Meeting

WORKS ON EXHIBIT

The October meeting of the Chicago Chapter of the American Institute of Architects was held Tuesday evening, October 8, in honor of the late Daniel H. Burnham, and to commemorate the formal opening of the new Burnham Library in the south gallery of the Art Institute. This library is used by all the Armour architectural students.

A formal dinner was given in the club room of the Art Institute, and then the meeting was adjourned to the new library rooms.

Some of the special guests of the evening were Mrs. Daniel H. Burnham, Mr. and Mrs. Hubert Burnham, trustees and staff of the Art Institute; Miss Marion Rowles; Mrs. J. A. Sanders; Miss White; Miss Ethelreda Abbott, librarians of the Ryerson and Burnham Libraries; Mr. Carl Rodin of the Chicago Public Library; Mr. Hansen, asst. director of University of Chicago Library; Mr. Theodore Koch, librarian of the Northwestern University library; and Mr. and Mrs. Carl Milan, secretary of the American Library Association.

Mr. Charles F. Kelley, assistant director of the Art Institute, opened the meeting with an address with a welcome from the Art Institute to the architects of Chicago. He was followed by Mr. Hubert Burnham, who spoke on the purpose of the Burnham Library.

Armour Prof. Speaks
Earl N. Reed, Jr., Professor of Architecture, and head of the department, told about the students' use of the library. He also gave an (Continued on Page 3)

Armour Tech News

Student Publication of the
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Published Weekly During the College Year

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Scanlan, '32; E. W. Carlson, '32.

Vol. IV OCTOBER 15, 1929 No. 4

WHAT IS OUR AIM?

When we view our present day system of engineering education, we begin to wonder from where it came. If we look into the history of education we see that the development of science in the nineteenth century led to a demand for the education requisite for modern life. Economic competition forced men to employ science as an aid to industry, thereby creating a new environment. This in turn, required new knowledge and the formation of new mental habits if there was to be effective control. Natural science gave men a new intellectual discipline and a new world view. With it came a fresh hope for the race. Educators stated that mankind need only learn the laws of nature and obey them to become wise, happy, and good. They said that the new knowledge dispelled ignorance and superstition, that it set the mind free. There was much criticism of traditional education and much faith in the liberalizing effects of scientific training as well as in its practical results.

Today, this is all accepted by the masses. Scientific research and training occupy a most important place in education. In many universities scientific studies have almost supplanted the classical studies; technical colleges have been developed. No modern person can be really educated without some training in scientific methods.

But science also may become mere animal training. Each science is a profession, acquired as a technical training like learning a trade. Engineering, dealing almost entirely with the study of science and its applications, is the most outstanding example of this method of teaching. Of things outside his own trade the Engineer may be quite ignorant and lacking in curiosity. He is often unable to see the significance of his specialty for knowledge and life as a whole.

At present, the balance swings back. Engineering is in grave need of a liberalizing force. The scientific education of the present develops a man so specialized that we wonder what has been gained. Is a mere increase of knowledge the aim of education? Are we to be like the pack rat of the Rocky Mountains, which spends its life accumulating bits of glass, beads, metal and other objects which attract its eye?

FINES

Since the announcement of Miss Nelle Steele, Librarian, that all Reserve Books held overdue would be charged at the rate of 25 cents an hour, there have been several protests made that such a scale of fines is beyond reason. However, the number of such books held overdue since the beginning of this system has been exactly zero.

There is no question about the fine rate being excessive, but if it prevents the breaking of rules, it has accomplished its purpose. When somebody gets caught with a book overdue, then an awful howl will be set up. It will then be a long time before anyone forgets another time. The total amount of fines collected under the new system will probably be smaller than under the old one, and the amount saved by more efficient distribution of books will be a large consideration.

The only question which remains is, will the friction caused by the occasional levying of large fines hinder the library in its endeavor to cooperate with the students?

“THE SLIPSTICK”

Cleave to “The Slipstick”; let
the Slipstick fly where it may.

THE INEVITABLE

Woe to the smiling freshy
Who lets his homework drop,
For he who takes it lightly
And goes nightly to a hop,
Will wrest with muddled formulas
And juggle sines in vain,
And when he thinks he's conquered
He'll find he's wrong again.
And if he tries to copy answers
And hands the prof the bunk,
Then when he comes to the finals,
He'll very surely FLUNK. J. S. McC.

Soph (very serious): “Now, honestly what would you do if you were in my shoes?”
Haughty Senior: “Get a shine.”

Definition: A match is a small splinter of wood tipped with a minute portion of the future of a mis-spent life.

And then these reminiscing math profs. who starting out, “One of my night school boys a couple of days ago . . .”

MODERNISM

Motorist: Gimme five gallons of gasoline.
Attendant: “Sorry, but we don't handle gasoline, mister. We got Motorese, Mile-aimin' High Test Speedit, Benzorolino, Green, Blue, and Orange Road-zip, and Aviation Petrol. Which do you prefer?”

We really do feel sorry for the lad who joined the navy to see the world and spent his four years on a submarine.

Success at last. A new contributor. As soon as we get nine more we will have Ten in all. We are strong advocates of the full dinner (there we go thinking about eating) rather a full contribution box.

HEH! HEH!

Policeman (to pedestrian who was knocked down by a hit and run driver): “Did you get his number?”
Victim: “No, but I'd recognize his laugh anywhere.”

VERSE

That poetry hath mystic charms,
I've always understood.
But this is not enough of it
To make you think it's good.

We think it would be a good idea to make a map showing the routes to and from various rooms. It took one lad about a week to learn how to get from A Mission to B Chapin.

AND THE FIRST ONE HASN'T A CHANCE

Captain (to gunner): “See that man on the bridge five miles away?”
Gunner: “Ay, Ay, Sir.”
Captain: “Let him have a twelve inch in the eye.”
Gunner: “Which eye, sir?”

Little Bobby, who had been taken into the country for a day's outing, saw a spider spinning a web between two tall weeds. “Hey, Pop,” he yelled, “come on over here and see this bug putting up a wireless.”

SEX REPEAL

He: “Let me kiss you under the mistletoe.”
She: “Say, I wouldn't let you kiss me under an anaesthetic.”

MATCH—POWDER—FINIS

“Well, you see, sir,” replied the foreman, “it was this way. Bill went into the powder mixing rooms, probably thinking of something else, and stuck a match in mistake. He—”
“Struck a match!” exclaimed the proprietor in amazement. “I should have thought that would have been the last thing on earth he'd do!”
“It was, sir,” was the calm rejoinder.

With the use of automatic telephones subscribers can get their own wrong numbers.

DON'T READ THIS

Mother: “Elmer, did you see brother eat anything that would make him sick like this?”
Little Elmer: “No, Mamma. All I saw him eat today was the raisins off the fly paper.
(We told you not to.)

Love is that which makes a man get married when his fiancée has no money.

A BIG HELP

It suddenly occurred to the small boy that he had neglected to perform his daily good deed. He approached the infirm old lady on the corner.
“May I accompany you across this busy street, ma'am?” he asked.
“Why of course you can, you poor little fellow,” she beamed. “How long have you been waiting for somebody to take you across?”

First: “Yes sir, that car of mine is sure fast. She could travel a mile a minute, if it wasn't for one thing.”
Second: “What's that?”
First: “The distance is too long for the shortness of time.”

Now that winter is coming on, we hope that some fresh air fiend doesn't make the room so cool that we can't sleep.
K. K.



Professor Eldon C. Grafton

(A Biographical Sketch)

By Stephen Janiszewski, '30
Eldon C. Grafton, Assistant Professor of Structural Engineering, was born in Le Grand, Iowa, November 17, 1901. His elementary and high school education was received in Iowa, South Dakota, Idaho and Washington. After attending the Washington State College at Pullman, Washington, he was graduated in 1926 with a B. S. degree in Civil Engineering.

Upon leaving school, Prof. Grafton left with his alma mater a mark of achievement in the form of a new gymnasium on the Washington campus, for which he did the structural concrete designing, while he was a student.

Following his graduation, Prof. Grafton did considerable work in the West on railroad timber bridges, railroad location and construction in the state of Washington.

Having this experience, he came to the University of Illinois, where for a year he carried on research work in structural engineering.

His next position was with the New York Central Railroad, in New York City, where he was an assistant engineer in the bridge department, designing rigid frame type grade-crossing bridges.

The Western Electric Company, of New York City, next claimed Prof. Grafton. He was with the construction department, working on reinforced concrete and steel buildings and specializing in building design problems.

Prof. Grafton was married to Virginia Koeppen shortly after leaving Illinois University. He now boasts of a year old son.

Military training was a diversion from engineering studies. At one time, Prof. Grafton held the rank of Cadet Colonel at his school. He now holds a commission of a First Lieutenant in the Engineers of the Officers Reserve Corps.

He belongs to Tau Beta Pi, Sigma Tau, Phi Kappa Phi, and Scabbard and Blade fraternities.

Prof. Grafton was welcomed to the Armour faculty this semester.

For the first time in many years, Ohio State University students will sponsor their own lecture program during the coming school year. They plan to bring six notables to the campus for lectures.

The venture is an undertaking of the student senate, which was reorganized last year to include women representatives. A special committee of the senate has been working with Dean of Men J. A. Park, to complete the arrangements.

The series will open Nov. 26 with Maj. Gen. Smedley D. Butler, U. S. M. C., as the initial speaker. General Butler readily acquiesced to the student invitation to speak here.

The other speakers are Donald

Inquiring Reporter

What do you think of the nomination of class officers by petition?
J. Fee, '30, M.E.—It is a waste of time to get a petition because all of the different cliques know who they want nominated. The new ballot system is an improvement.

C. H. Fox, '31, C.E.—It is a good thing, but it is still too easy to nominate because there should be more names on the list, say about 20.

R. A. Hess, '31, M.E.—It could be improved but anything is better than the old system.

W. M. King, '31, M.E.—It is an improvement over the old method but it should be supplemented by a clause which limits the number of nominees for each office.

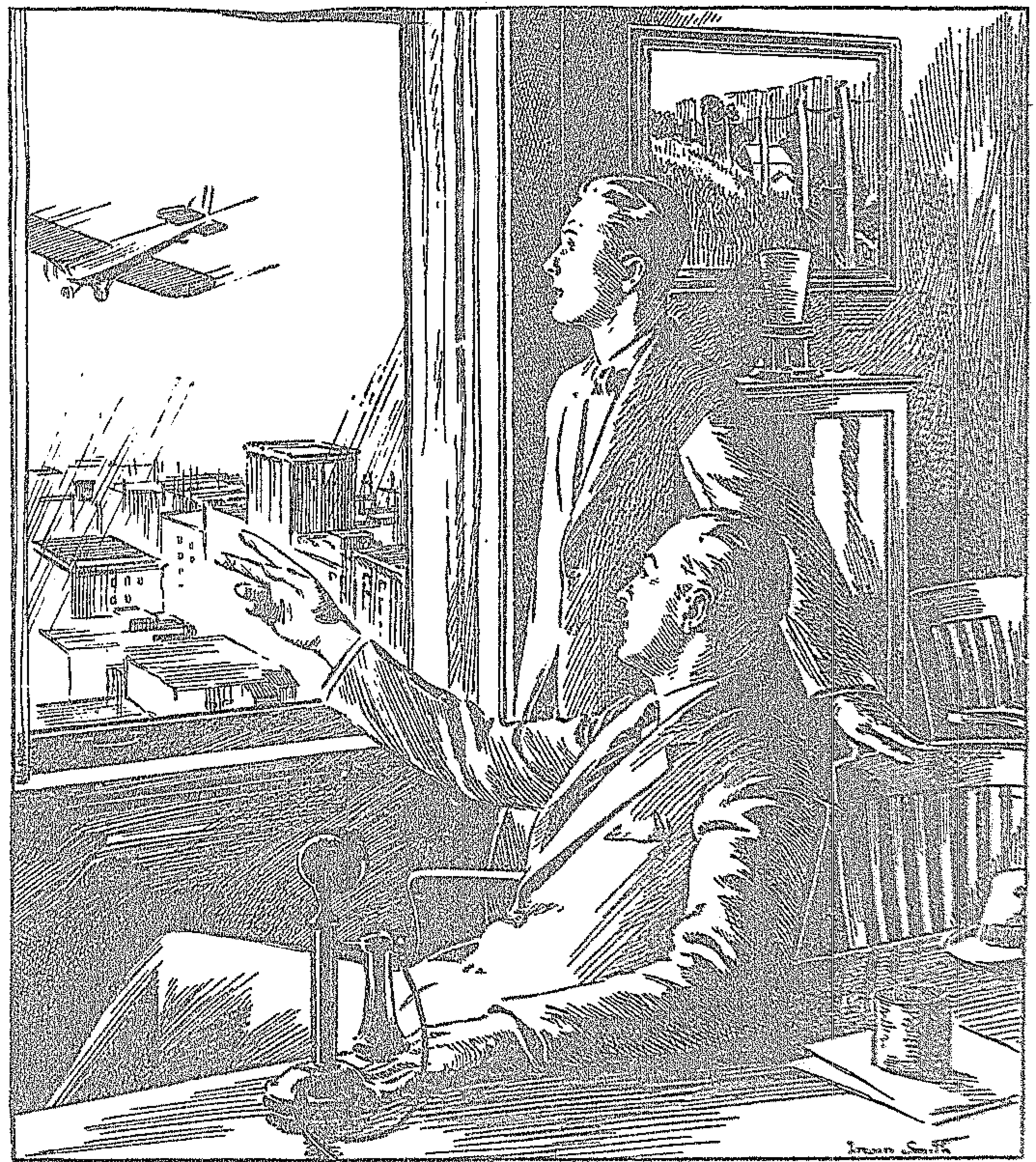
W. Miles, '31, Arch.—It is a good idea because it is better than having only one nomination and one second. Ten seconds are better than one because the nominee is under consideration by more men.

W. Schirmer, '31, F.P.E.—It is the only way to avoid control by the few who are in charge and to give a fair recognition to each candidate.

R. Timmermans, '31, F.P.E.—That is the only fair way to nominate because you can get as many nominations as are wanted and everyone will be recognized.

E. J. Stehno, '31, E.E.—The petition is alright because it keeps one element from running the class as they please. It gives everybody a chance.

N. McMillan, the Arctic explorer; Tom Skeyhill, Australian poet who was blinded at Gallipoli; Count Felix von Luckner, the German sea raider; Capt. John Noel, a member of the British expedition to climb Mt. Everest several years ago; and John Powys, English essayist.



The telephone grows air-minded

THE BELL SYSTEM has made many successful experiments in two-way plane to ground telephone communication. This new development illustrates how it marches a pace ahead of the new civilization. It is now growing faster than ever before.

New telephone buildings are going up this year in 200 cities. Many central offices are changing from manual to dial tele-

phones. A vast program of cable construction is going on.

This is the period of growth, improvement and adventure in the telephone industry. Expenditures this year for new plant and service improvements will total more than five hundred and fifty million dollars—one and one half times the entire cost of the Panama Canal.

BELL SYSTEM

A nation-wide system of inter-connecting telephones



“OUR PIONEERING WORK HAS JUST BEGUN”

REVIEWS

THIEVES' NIGHTS
Harry Stephen Keeler
E. P. Dutton & Co., 1929

In the current literary offerings, one finds a host of the "mystery" stories, and many discriminating readers have been surfeited with this type of writing. The advent of the publication of "Thieves' Nights," by Harry Stephen Keeler, may be hailed as a veritable life saver, for this book has all the charm of the mysterious element without the degrading touches of "master detectives" and gigantic, invincible scientists.

Keeler is really unique; I have never read anything that parallels his style of developing the theme. Taking this book for an example, we find a multitude of tales one within another, and at the outset it seems impossible to correlate them into a unified story. Yet you are smoothly led from one to the next, and before you realize the fact, they have been all amalgamated, and the main plot proceeds to unwind. It is about this central theme that Keeler has spun a multiplicity of minor incidents about one DeLancy, master thief.

DeLancy gives Keeler the opportunity to weave his bizarre tale of freakish events; the unusual and eccentric happenings that he portrays are beyond adequate description. Keeler is an Armour man, but wherein these walls he found the inspiration to write such fantastic plots, to create situations as inconceivable, and the gift to place his reader in a gloriously dazed trance, a mere undergrad. can scarcely conjecture.

To those who delight in trying to unravel the common mystery novel, due warning is given. It is an absolute impossibility; you neither know exactly what needs solution, for the book is devoid of an unsolved murder, nor do you have the faintest hazard of a guess as to the trend of the narration.

The situation is most clearly summed up by this quotation from Bruce Gould. "Since reading this odd fellow," he writes, "I feel it necessary to revise the old phase about the sky and the limit. It is Keeler, and not the sky, who sets the boundaries from now on."

Although the book has been out but a bare month, the Armour library has a copy, appropriately dedicated by the author. A. B. A.

F.P.E.S. Holds 1st Meeting of Year

The first meeting this fall of the Fire Protection Engineering Society was held in room H of the main building on Friday, October 10, 1929 at 9:30.

The speaker for the meeting was Mr. J. G. Quackenboss, former head of the Tennessee Inspection Bureau, who is now with the Western Factory Insurance Association. Mr. Quackenboss spoke on the subject of "The Work of an Inspector," giving the students, who in a short time will be inspectors making rates on the big industrial risks of this city and others, pointers on the work of the various bureaus from the inspector's viewpoint. He says that he was, no doubt, an inspector for more years than any man who was at the meeting would be willing to acknowledge.

J. E. Ransel, president, issued a plea for the members of the society to pay their dues for the year. This money is for the expenses of the annual smoker and the shingles to which each member is entitled. A member of each class will be appointed to collect these dues.

Dedicate Library to Daniel Burnham

(Continued from Page 1)
interesting description of the Fontaine Library.

Mr. Edward H. Bennett, architect for the City Plan Commission, gave his personal reminiscences of Daniel H. Burnham.

Dr. Allen D. Albert, assistant to Mr. Rufus Dawes for the 1933 World's Fair, described the Burnham Library as one of the many



HARRY STEPHEN KEELER

Shaving Season Officially Opened

The traditional mustache shaving was begun officially last Thursday when 2 civils were deprived of their proud appendages. As a matter of fact, each victim was deprived of only one-half of his mustache. Those thus honored were Leonard Dicke, a junior civil, and Brown, a new student in the civil department. The scene of action was the "Civil Alley" and the actors were the above two mentioned victims and the remainder of the civil class. Upon the completion of the operation, Dicke was released and the attention turned to Brown. While everybody was interested in the struggle, Dicke seized upon an opportunity when he grabbed a nearby fire-extinguisher and turned it on the mob. Immediately the attention was turned upon him. After relieving him of his plaything, he in turn received a bath from the extinguisher.

The electrical department followed suit when T. Dylewski, senior electrical, was honored by being chosen as the principal in "that old Spanish custom."

Glee Club Elects Manske President

The Glee Club held their election of officers on Thursday, Oct. 10, at a regular rehearsal and elected the following men:

- W. R. Manske '30, president.
- A. N. Sokoloff '32, secretary.
- M. A. Hotchkins '30, manager.

The duties of the secretary of the Glee Club consist in calling the roll and checking the music.

The manager will have to visit the radio stations of Chicago and arrange programs for the great "invisible" audience.

Dr. Daniel Protheroe was not present to direct the Glee Club Thursday evening, as he was suddenly called out of town. Prof. Leigh conducted in his stead.

Dr. Protheroe is a very active director, as he is always in demand to conduct song fests, song competitions, and other events of similar nature. This summer he was the guest conductor at a song fest in Scotland.

memorials of the late Mr. Burnham. Mrs. D. H. Burnham loaned the famous Zorn portrait of her deceased husband for the occasion.

Mr. Hubert Burnham also loaned books, photographs and etchings of the work of the late Daniel H. Burnham as Director of Work in the World's Fair of 1893. This group included the Chicago City plans for which he is noted, and it is hoped that some of these are to be permanently located in the new Burnham Library. The cup given to Mr. Daniel H. Burnham in recognition of his work done for the Columbian Exposition in 1893 is now on exhibition.

The Burnham Library has now over 5,000 noted volumes of architecture. The newest acquisition was the recent purchase of the Fontaine Library, consisting of about 350 volumes. These books formed the personal library of Fontaine, architect of Napoleon, and includes some of his drawings and etchings.

FROSH NOMINATE OFFICERS, TO HOLD ELECTION SOON

(Continued from Page 1)

were read and approved. A motion was then brought up to nominate the men for the various offices by petition, but the discussion following proved this to be futile because of the lack of time for a meeting in the future. A motion was then brought up and passed that the men be nominated from the floor. The chairman then called for nominations and recognized the following:

- For president—
R. Carlstrom
Sandsted
Arlen
Griffin
Lademen
- For vice-president—
O. Barnett
J. Lorensen
Brelie
Luckett
- For treasurer—
R. Belton
B. Larson
W. Davies
C. Witt
- For secretary—
B. Scott
Curran
Mickel
W. Massover
- For social chairman—
W. Larson
Belford
C. Nelson
Rooney
D. Pearson
- For sergeant-at-arms—
Boverkek
Galvani
Pechman
Rurge

The meeting was then adjourned with hopes for results in the following week.

Nine Fraternities Pledge Total of 74

(Continued from Page 1)

- Theta Xi
G. R. Belton, '33—M.E.
R. W. Carlstrom, '33—F.P.E.
C. W. Cleland, '33—M.E.
R. L. Ellis, '33—F.P.E.
W. D. Jackson, '32—C.E.
T. S. Leavitt, '33—Ch.E.
C. R. Marsh, '33—E.E.
R. J. Mulrone, '33—C.E.
C. A. Nelson, '33—F.P.E.
J. R. Pechman, '33—F.P.E.
J. T. Sorenson, '33—F.P.E.
W. W. Tyler, '33—E.E.

Phi Pi Phi

- John E. Burns, '33—E.E.
Geo. A. Brelie, '33—F.P.E.
Donald R. Gregerson, '33—C.E.
James Clayson, '33—Ch.E.
Curtis Cruver, '33—M.E.
Geo. B. Kain, '33—E.E.
James P. Meade, '33—E.E.
Chas. Mitchell, '33—M.E.
Vladimir Novak, '33—Arch.
H. J. Cameron, '32—C.E.
James Czernicki, '33—E.E.

Triangle

- Gunnar Bergland, '33—F.P.E.
Raymond J. Dufour, '33—M.E.
John T. Markman, '33—Ch.E.
Arthur W. Overbeck, '33—E.E.
Edwin A. Runge, '33—Arch.
James W. Thomson, '33—Ch.E.

Beta Psi

- L. S. Anderson, '33—F.P.E.
V. J. Galvani, '33—M.E.
H. J. Gaul, '33—M.E.
R. L. Scafuri, '33—Arch.
O. W. Staib, '33—F.P.E.
A. L. Steinhuis, '33—F.P.E.

Sigma Kappa Delta

- Robert R. Corpstein, '33—E.E.
Diamond S. Dickey, '33—E.E.
Paul C. Drebes, '33—Arch.
Charles Jens, Jr., '32—F.P.E.

A theory that there is fundamentally only one disease, due to loss of electrical balance in the body, has been presented to the International Post Graduate Medical Association of North America. The author is Dr. J. E. R. McDonagh, surgeon of the London Lock Hospitals. His ideas bring together some of the recent findings of the many ways in which slight electrical effects manifest themselves in the body.

He holds that resistance to disease is the one vital factor in health, and that if the resistance is high enough, no kind of infection can get started.

This resistance, he says, depends on the state of the protein particles. The proteins are called the life carriers of the body. They are complex substances, forming an important part of body cells.

"If an invader," says Dr. McDonagh, "either of a bacterial or a chemical nature, is able to subject the protein particles to a dehydration, disease is caused—the term infection being used when the invader is a micro-organism. When the protein particles are subjected to dehydration, they part with certain absorbed constituents.

"One of the first of these to be freed is electricity; a change of energy occurs, heat instead of electrical energy being liberated, thus explaining why, when micro-organisms gain a footing in the body, the victim exhibits a rise in temperature.

"The fight between the invaded and the invader boils down to be-

Kappa Delta Tau
Edward Field, '32—Ch.E.
Phil Rosenfeld, '33—C.E.
Joe Tuckinskit, '33—Arch.

Rho Delta Rho
Herman Meyer, '33.
Theodore Cohan, '33.
Sam A. Milevsky, '32.
Albert Feinberg, '33.
Kenneth Hirsch, '32.

When 10,321 students enrolled during the first four days of registration, at the University of Illinois, it seemed imminent that all records for first semester registration would be broken, what with some five hundred expected to pay the late registration fee of five dollars and enroll yesterday. Classes at the University of Illinois started Wednesday morning, with no breaks at all until the five-day Thanksgiving lay-off.

ing one for the retention of electricity. If the parasites lose their electricity, their bodies break up and go into true solution as do the protein particles of the body when the invader gets the upper hand.

"Since the battle is of such a simple nature, it becomes quite clear that the sole aim of treatment is to restore to the body's protein particles, the electrons they have lost."

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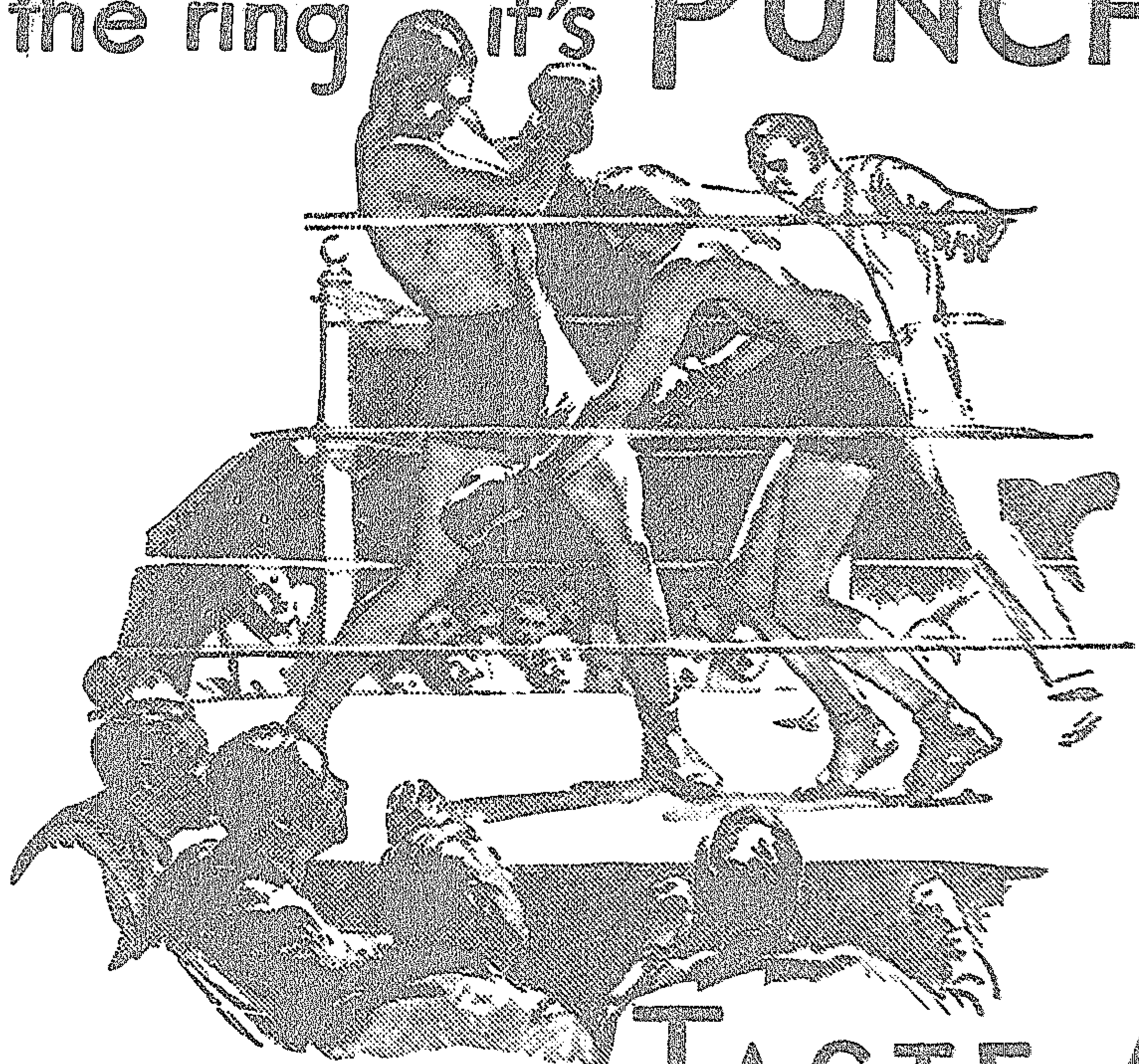
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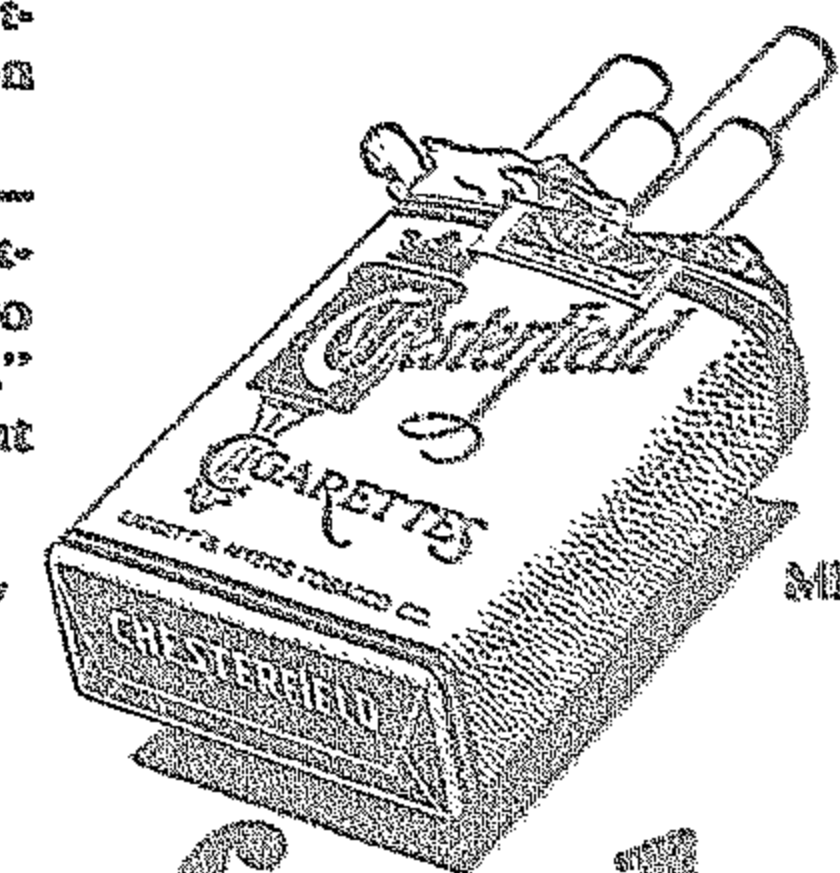


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CANNELL PITCHES STELLAR GAME TO DEFEAT FRESHMAN

Sophomores Victorious by 7-0 Count

FROSH ERRORS COSTLY

The expected closely contested battle between the freshman and sophomore ball teams did not materialize, the freshman falling before Cannell's left-handed curves by a score of 7-0. During the five inning game only 15 freshman batted. Of these, 11 struck out, 3 flied to the outfield, and one grounded out.

Although the frosh were woefully weak at the plate, Cannell must be given a lot of credit. A no-hit, no-run game, with no batter reaching first-base, is not an everyday affair. Cannell had control and courage, enough to beat the frosh.

The seven runs scored by the sophs were practically unearned, the freshmen committing 10 errors. The sophomores took full advantage of these mistakes and chased their seven runs over.

Hits were scarce, the second-year men only collecting five. Leichtenburg was the batting hero of the day with three safe wallops in three trips to the plate.

LINEUP

SOPHOMORE

- De Orio, c.
- Buck, s.s.
- E. Anderson, c.f.
- Grundstrom, 1b.
- S. Anderson, 1f.
- Leichtenburg, 3b.
- Cannell, p.
- Dirkers, 2b.
- Hirsch, 2b.
- Jackson, r.f.
- Owen, r.f.

FRESHMAN

- Blackstone, 1f.
- Rupprecht, 1f.
- Sandstedt, c.f.
- Funk, c.f.
- Jens, r.f.
- Sommer, p.
- Galvani, 3b.
- Lens, s.s.
- Cosme, s.s.
- Patla, 2b.
- Curran, 2b.
- Buehne, 1b.
- Perrella, c.
- Kennedy, p., r.f.

Golf Tournament to Start Soon

At the time of this writing no definite time had been decided upon for the fall golf tournament. Competitive spirit is expected to be keen as 35 men have entered.

The gold medal, which is given each year to the winner, is shaped in the manner of an inverted key-stone. The face of the medal depicts a golf club alongside of which is a golf ball and on the back is engraved the winner's name, the year in which he won it, and the initials, A. I. T.

WAGON LASTS LONGEST

The wagon lasts the longest of any farm implement, investigations by Iowa State college reveals. Its average life is 24 years. The spring-toothed harrow, lasting 8 years, is the shortest lived. A surprising discovery is the fact that failure to house machinery does not appreciably shorten the life of the machine.

Gridiron Queries

By Professor John J. Schommer (Editor's note: Professor John J. Schommer, star player, conference umpire, and leading football authority, will answer through this column, any questions on football which are puzzling our readers. Questions may be submitted to the Sports Editor, A. H. Jens, or they may be placed in the Armour Tech News box which is located in the main building adjacent to the elevator on the first floor.)

Question 1: If a member of defensive team B catches a ball punted by offensive team A, is he permitted to pass the ball to other members of team B, or must he keep the ball in his possession until he is tackled?

Answer: When A kicks to B, B may pass the ball laterally or backward at all times. Should he inadvertently pass forward, B then would be penalized 15 yards for making a forward pass not from scrimmage formation.

Question 2: If a punted ball is blocked and does not pass the line of scrimmage does it become a free ball?

Answer: Yes, it is a free ball. That is, the receiving team can pick it up and go for a touchdown. The team can only recover and it counts a down.

Question 3: Are backfield men allowed to take positions alongside of linemen on the line of scrimmage?

Answer: Yes, the backfield men are allowed to take any positions on the line of scrimmage or back of it.

Question 4: If a game is forfeited what score is accredited to the honored team?

Answer: One to nothing.

Question 5: What is your opinion of the new fumble rule?

Answer: The new fumble rule is a bit technical in the many things it attempts. It minimizes the chances of a strong team being defeated through mechanical errors such as fumbles. I believe the rule is a just one, because fumbles so often occur when touchdowns are made through a field where no one impedes the progress of the scorer. However, it will rob the game of some of its uncertainty and perhaps of some of the excitement.

Rifle Club Starts Marksmanship Class

The first meeting of the Armour Tech Rifle Club was held Monday, October 7. Rifle practice will be resumed this year at the Armory on Wentworth Ave. and Thirty-fourth St. The club dues are \$1.25 for the semester.

At the meeting Monday, fifteen new members were present. It is expected many more, who were not able to attend the meeting because of classes, will join.

The club has decided to buy another rifle for the use of the members. The rifles will be kept in the club's locker, where they will be available for the use of members during their free periods.

The club wants everyone to know that it has no connection with the R. O. T. C. or any other military organization. It is interested in shooting merely as a sport. Already some matches have been arranged which will be shot in the near future.

Permission has been obtained allowing members to use their pistols on the range, providing they pass certain qualifications.

The president of the club, H. Steir, himself an ardent fan in the art of shooting, has taken an extensive course this summer at

TECH SHORTS

The Juniors and Sophs are having some trouble getting their big game played. With Stehno not pitching it looks as if the Sophs might have a chance at the Inter-Class gafalon.

W. C. Krafft, chief scout for the A. I. T. baseball team was at hand for both the Senior-Junior contest and the Soph-Frosh battle.

When Fiala socked his double over the right field wall all hands went to the street to survey the damage. One window glass was reduced to an unrecognizable heap as a result of this blow.

A real big league box score of the games was kept by E. W. Short. Little good did this do the Frosh for they acquired exactly eleven strikeouts without any walks or base hits mixed between.

Allison has probably received the bill for the broken window by this time. The price will be deducted from the Junior treasury, maybe?

Can you imagine making three errors in a single play. The Frosh did.

An easily hit ball to center field was muffed; after playing ping pong or some such game the center fielder tossed the ball to second base where the receiver did a "Woody" English with it. In the meantime, the runner advanced to third where a play was made but due to a dropped ball and the third error the runner was safe.

The Juniors have served notice on Cannell: With Stehno, Robin, Miran and Mago to pitch to, he can only hope for a dark day and fast ball to set these boys down as he did the Frosh. Good luck, Cannell.

Frank James is not satisfied with

Camp Perry which qualified him for an instructor in rifle and pistol marksmanship. He is anxious to pass this knowledge to the club. A class in the handling and proper operation of the rifle will soon be arranged by him. He already has some men lined up for this class in the theory and safe-handling of fire-arms but would like a larger class. Anyone interested in this class should get in touch with H. Steir, E.E., '30.

STRAUCH ELECTED CAPTAIN OF TECH SWIMMING TEAM

Newcomers Strengthen Team's Prospects

Fred Strauch is the newly elected captain of the varsity swimming team. At the last meeting of the tank squad Stauch, a Junior, was elected to replace former Capt. W. Trognitz.

Both men will be back again this fall and are expected to offer some stiff opposition to the Tech opponents. Several other regulars will return to strengthen the hopes of their efficient coach.

Although the "Armour seals" failed to win a meet last season, with the returned varsity squad and the addition of several city prep stars, they expect to reverse the scores this season.

Carlstrom, a freshman was an outstanding city prep star who was continually assisting in bringing home the blue ribbons to the Northwest side. Regular practice will soon get under way out at the Bartlett gym pool.

The swimming team will run through its usual meets with the local varsity squads. Crane and the Chicago Normal squads are among those offering the most opposition.

being captain of the cross country teams, he also is coach and manager.

Link has not recovered sufficiently from his injuries to take part in athletics this fall. Get well quick "Chuck" we need you to do our receiving next Spring.

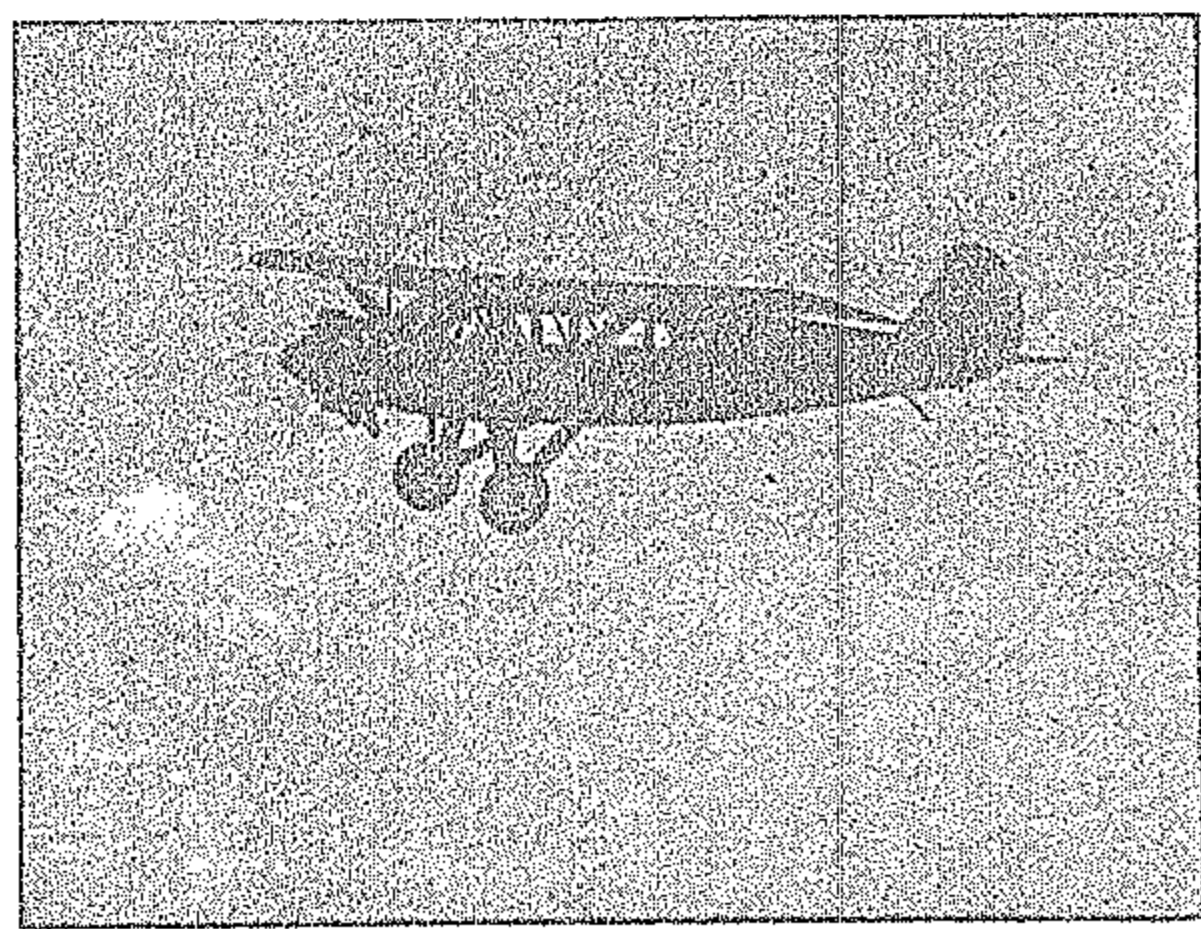
The cinder pounders will get hot in a short time now. Look out for the holes in the track, men.

Will have something to write about soon—Krafft fears Purdue!
A. H. J.

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Tungsten Carbide Finds Many Uses

New York.—Tungsten carbide, the hardest compound known to science, and for years a mere curiosity, has now begun to find extensive commercial use. With it, hard alloys, such as manganese steel and armor plate, can be machined in lathes, planers, and shapers, says Dr. Samuel L. Hoyt, of the General Electric Co., in a report to the Engineering Foundation, soon to be published in "Research Narratives."

One of the constituents of this remarkable substance is tungsten, the familiar metal of which the filaments of our electric lamps are

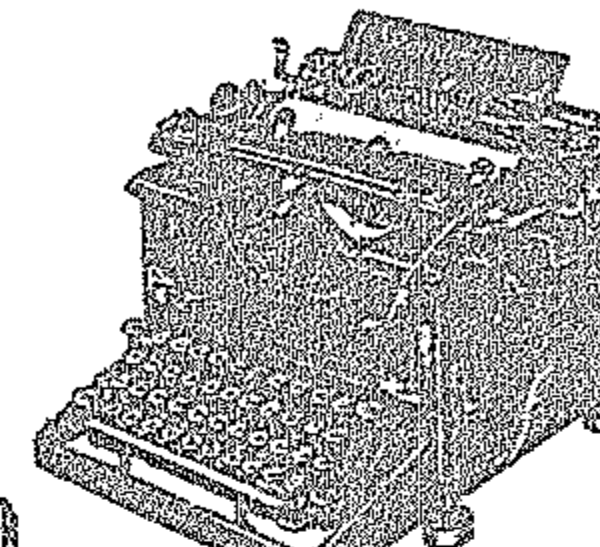
made. Though years of research resulted in a process of making tungsten so soft that it could be drawn into fine wires, when combined with carbon, it makes a substance second in hardness only to the diamond. Tungsten carbide will scratch a sapphire, which is the second hardest natural mineral.

Ben: "Why the tooth brush in your lapel?"

Zine: "Y'see, I'm a graduate of Colgate, and that's my class pin."

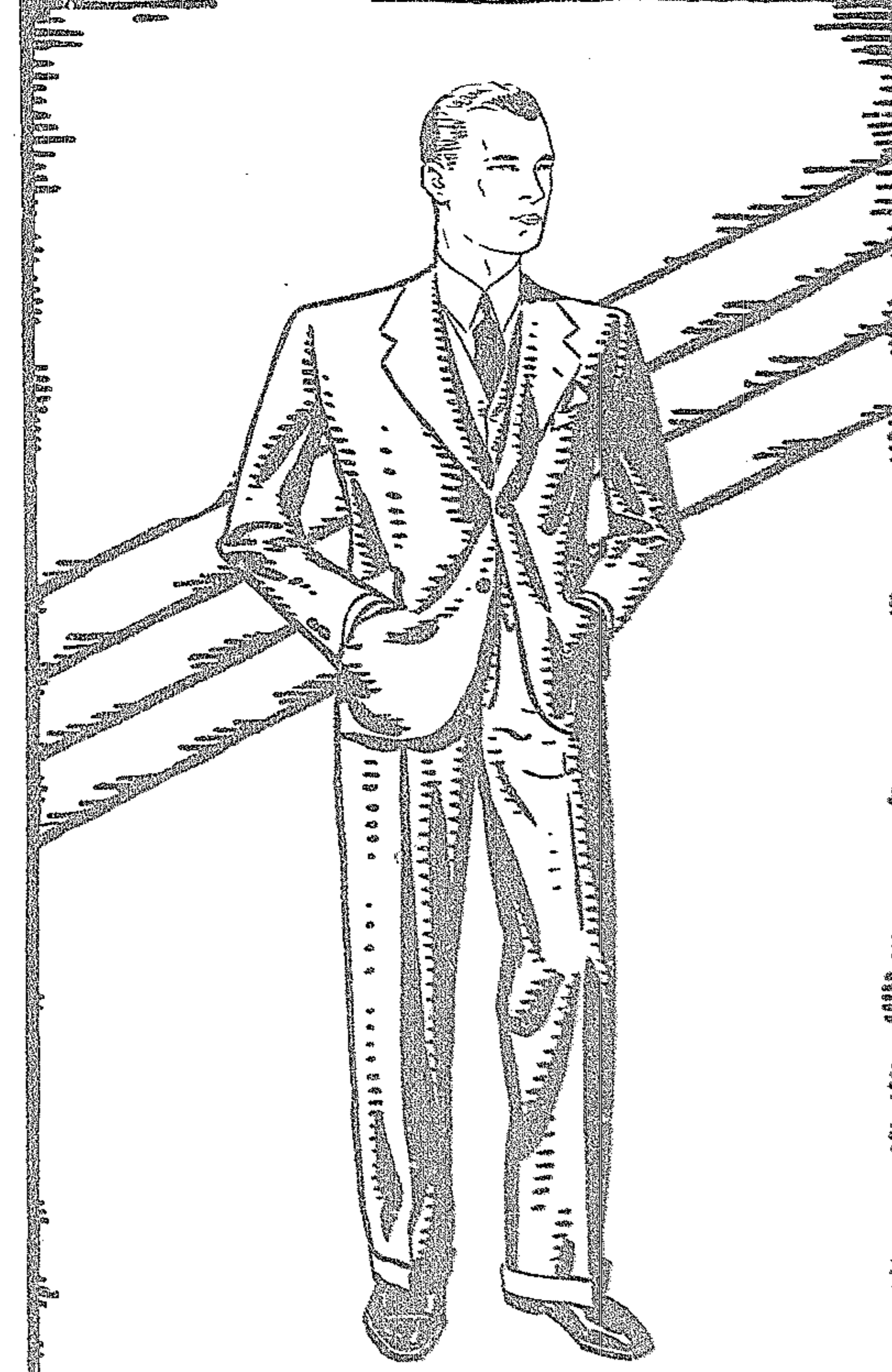
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