

## SOCIAL CHAIRMAN FOSTERS FROSH CLASS SMOKER

Dave Chapman Proposes Extension of Class Social Activities

### SCHOOL HEADS APPROVE IDEA

The freshman social committee, under the leadership of Dave Chapman, will go down in Armour Tech history as having been the originators of a new era in the social life of this school, if plans now up the sleeves of its members carry through.

#### Plans Only Tentative

In the belief that the duties of the office of social chairman of his class include more than simply the management of the annual class dance, Chapman has recently made public tentative plans for a freshman smoker to be held this fall, and which is his idea for the first diversion from the heretofore cut-and-dried social life of the freshman classes of previous years.

#### After Thanksgiving

This novel plan, never before undertaken at Armour, promises a relief to the freshmen between the long interval from the Freshman Handshake to the Christmas holidays, and has been planned primarily with that purpose in mind, according to statements of the committee.

Dr. Raymond and Deans Approve The tentative arrangements call for an exclusively freshman gathering, at which good entertainment, smokes, bridge, and refreshments will be the major part of the program. No dates have been decided upon, and no place has as yet been engaged for the affair, though in all likelihood, it will take place shortly after Thanksgiving.

The idea met with the unreserved commendation of President Raymond and of Dean Palmer, both of whom felt that there existed a real need for such a function to promote the harmony and common interests of the members of the incoming class.

#### Never Tried Before

Never before in the history of the school has an affair of this sort been sponsored by any of the social committees of the classes. Social functions which involved participation by the whole class have been up to this time limited to the class dances.

"I believe there is a distinct lack of such social affairs at this school," said Chapman, at the time he first made public his plans. "Students here, many of whom live right in Chicago, come to class in the morning, and leave school in the evening, follow that grind from day to day, and never really enter the life of their school in a social way. The institution needs more social functions which will produce better acquaintanceship and understanding among the students if it is to build up a stronger and more unified college spirit."

#### Charge Small Fee

The function will be financed in all likelihood from a small fee charged to each member of the class. This charge, according to calculations of the committee, will be very nominal, since no expensive entertainers, or orchestra, will have to be engaged for the event.

On the committee with Chapman are H. Hendricks, Paul Abrahamson, R. Fairbanks, and F. Ollison.

## Mr. Foerster's Classes To Steel Soc. Meeting

Members of Mr. F. T. Foerster's forge classes were his guests at a meeting of the Chicago Chapter of American Society for Steel Treating which was held at the City Club of Chicago, Thursday, November 8, at 7:15 p. m.

The chief entertainment of the evening consisted of motion pictures of the Annual Outing of the Society, and a two-reel picture entitled, "Modern Steel Treating Practice." "Tool Steel Performance" was the subject of the talk given by J. P. Gill, metallurgist, after the pictures.

## Dr. Scherger Delivers Eulogy On Schubert

Dr. George L. Scherger was the chief speaker at the centennial memorial of Franz Schubert presented by the German Club at the Morrison Hotel Saturday.

"I can't teach him anything; God has already taught him." This is what one of the teachers of the great composer said regarding him, according to the eulogy given by Dr. Scherger in commemoration of the death of the great musician exactly one hundred years ago.

Five hundred guests, among whom were Supt. of Schools William J. Bogan, Postmaster Arthur C. Lueder, and consuls of many foreign countries, attended the services.

The program consisted of an orchestral and vocal rendition of Schubert's compositions, the orchestra being garbed in accord with the custom of the time, with the stage set in characteristic German fashion of a century ago. Michael F. Girten, president of the German Club of Chicago, presided.

## TRAVEL SHOW AT SHERMAN HOUSE IS IN PROGRESS

Exhibits of travel by leading foreign governments, striking displays by travel organizations, motion pictures of many lands, musical programs, lectures by noted explorers, adventurers, and authors, exhibits of curios, trophies, and objects of interest from all parts of the world, are some of the interesting features which mark the International Travel Exposition now in progress at the Hotel Sherman. This affair is the second of its nature to be conducted, and will be an annual feature from now on, according to the sponsors, the Exposition Department of the Hotel Sherman.

This organization, which is under the personal direction of John A. Servas, is also responsible for the annual Chicago Garden and Flower show held every year in March.

Dr. Neil Van Aken, secretary of the Netherlands Chamber of Commerce was one of the chief speakers of the stage program this year. He lectured Tuesday evening on "Holland," and last evening on "Java."

## "Engineer" Given Out a Week From Monday

The "Armour Engineer" will make its first appearance of the term on Monday, November 26, according to the latest knowledge of the staff of that publication. The issues will be back from the printer in time to be put in the mail over the week-end, so that alumni subscribers will receive their copies approximately the same time as student readers.

The present staff of the "Engineer" is larger than ever before since the publication began, and has practically no inactive members. The increased expansion of the staff was carried out in view of the contemplated change of the publication from a quarterly to a monthly periodical.

## 9NV Will Send Radiograms Anywhere Free

During its first week of operation this semester, the Armour short-wave radio station 9NV, has established communication with stations in Michigan, Ohio, Pennsylvania, Iowa, and other nearby states. These good results right at the start indicate that the station is in good working order and should have a most successful year.

Among the projects contemplated is a message service for A. I. T. students. Communication schedules with stations in adjacent states will be arranged so that radiograms can be relayed to any part of the country. No charge will be made for this useful and highly practical service.

No schedule of operation has been outlined but in the near future, each licensed operator will have a definite time when he will be on duty in the station.

## Assembly Today

A student mass meeting will take place today at 11:30 a. m. in the Assembly Hall.

Dr. John Herman Randall of New York City, Chairman of the World's Unity Foundation, will be the chief speaker, talking on the subject "Creative Thinking, and How It Might Change the World."

Dr. Randall is at present engaged in a tour of all the important colleges of the country.

## A.C.S. To Hear Ohio State Chemist Speak

The Chicago Section of the American Chemical Society will meet tomorrow night at the City Club of Chicago at 7:30. Professor Edward Mack of the Ohio State University is to be the speaker at the general session. His subject is to be "The Size and Shape of Molecules." Professor Mack was chief gas officer of the Fourth Army Corps in the World War.

Dr. B. B. Freud, Associate Professor of Organic Chemistry, chairman of the Section, expressed the opinion that the lecture will be of interest to all students of chemistry. He further stated that the group meetings are to be very interesting this time. Several of them will show a close connection between science and industry. The group on Chemical Education is to be led by B. S. Hopkins, University of Illinois, the discoverer of Ilinium, on the subject, "Better Examinations."

## 'Aida' Requires Supers In Fantastic Apparel

Saturday, for the second time during the 1928-29 season of the Chicago Civic Opera, students from Armour availed themselves of the opportunity to view the opera from back stage. They "supered" in "Aida," an opera with its setting in Egypt. This opera was written by Verdi and was first performed at Cairo, Egypt, in 1871.

A few fortunates were garbed as Egyptian priests and were on the stage during parts of the first, second, and fourth acts. The remainder were metamorphosed into king's guards, Egyptian soldiers, and Ethiopian slaves. Among the slaves could be seen startling examples of Dr. Scherger's pre-historic man.

After the opera a large number "signed up" for future performances.

## Trustee Insult To Present P. E. Crowley

Samuel Insull, a trustee of Armour Institute, and outstanding public utility executive in the middle west, will introduce P. E. Crowley, president of the New York Central System, as the principal speaker at the Third Annual Banquet given by the Electrical Association of Chicago. This event, which is to be attended by many of the notables of the Chicago district electrical interests, is to take place Thursday evening at the Palmer House.

## Noted Scientist Will Lecture At U. of C.

Dr. Frumkin of the Karpov Chemical Research Institute, Moscow, Russia, will give two lectures at the University of Chicago on November 22 and 23. The subject of his lecture on November 22 is "Electrical Phenomena and Orientation of Molecules at Interfaces" and on November 23, "New Aspects of the Theory of Adsorption from Solutions." Dr. Frumkin is a visiting professor at the University of Wisconsin this year. The public is cordially invited to attend the Chicago lectures.

—"The Chemical Bulletin."

## HOOVER TRANSCRIPT OF LATIN HIGHLY PRIZED

Library Owns Original And Translation By The President-Elect

A translation by President-elect and Mrs. Herbert Clark Hoover of a 16th century treatise on metallurgy along with one of the original Latin editions is a prized possession of the Armour Institute Library. The original, entitled "De Re Metallica," was written by Georgius Agricola in 1556.

#### Hoover's Translation Best

Hoover's translation would be dismissed as interesting but unimportant if it were only literal. Five years of thorough and painstaking labor make it more than just a translation. Libraries and museums were searched by him for the purpose of obtaining material for the notes which accompany the translation.

#### Complete Notes Added

A biographical introduction, annotations and appendices upon the development of mining methods, metallurgical processes, geology, mineralogy, and mining law from the earliest times to the 16th century, are Hoover's additions to the volume. It was published for the translators by the "Mining Magazine," Salisbury House, London, in 1912, and is dedicated to John Casper Branner, Ph. D. Agricola's work is considered a great engineering classic, but up to the time of the Hoovers' translation, had appeared only in German and Italian.

The German translation was prepared by Philip Bechius, Professor of Medicine and Philosophy at Basel University. Not being a man versed in the science of mining, Bechius' rendering is not strictly correct. The Italian translation is by Michaelangelo Florio, and is dedicated by him to Elizabeth, Queen of England.

The nature of Agricola's "free" Latin makes a literal translation meaningless. Therefore much research into the old archives was necessary to determine the meaning of his coined Latin phrases. Hoover's first hand mining knowledge and thorough education made a success of an English translation where previous attempts had failed. This work is of primary importance to all mining engineers in that it gives a clear picture of mining as it was known and practiced in the 16th century.

It took Agricola twenty years of preparation to complete "De Re Metallica." The appearance of the book was long delayed by the tedious task of making the woodcuts which adorned nearly every page of the original. Publication of the work was eagerly awaited by scholars of the time.

## In Which One Dickey Is Minus a No. 11 Shoe

Science Hall, Nov. 13.—(Special)—Several public spirited Freshmen today at 2:10 removed one of William Dickey's shoes.

After throwing the shoe out of the window the students took Mr. Dickey out in the hall and "gave him the works."

Mr. Dickey later recovered his footwear.

### SCHOOL CALENDAR

Thursday, Nov. 15:  
11:30 a. m., Mass Meeting in Assembly Hall.  
Friday, Nov. 16:  
9:00 p. m., Senior Informal at Lake Shore Athletic Club.  
Monday, Nov. 19:  
5:00 p. m., Band Practice.  
Tuesday, Nov. 20:  
5:00 p. m., Orchestra Practice.  
Wednesday, Nov. 21:  
5:00 p. m., "NEWS" assignments given out. Also "Stresses and Strains" practice.  
8:00 p. m., A. I. E. E. Smoker at Delta Tau Delta House.  
Thursday, Nov. 22:  
5:00 p. m., Glee Club rehearsal.

## STAGE ALL PREPARED FOR FIRST CLASS DANCE OF YEAR; SENIORS HOSTS TOMORROW AT INFORMAL

Lake Shore Athletic Club Will House Gala Scene Friday As Three Hundred Couples Enjoy Rhythm of New York Orchestra

The Class of '29 will reach the climax of its social life at Armour Tech tomorrow evening when it acts the part of host to underclassmen, alumni, and faculty at an informal dance to be given at the Lake Shore Athletic Club.

#### Exceptional Music

The entertainment made available to the motley crowd of light-hearted students and grads, with their chosen femmes, bids fair to outshine any ever before offered at a class dance of our far-famed institution.

ZeZ Confrey needs no further introduction, for his name has already been heralded throughout the country as that of a master of modern syncopation.

#### A Surprise Dancer

The newest surprise regarding the entertainment to be offered is the announcement of the committee that a noted professional dancer is to be on hand to entertain with her graceful art. The identity of this performer remains a mystery, and will so continue until tomorrow evening.

#### 300 Couples to Attend

"At least 300 couples should be present to make the dance a financial success," says Johnson. He adds, "Due to the poor financial standing of the senior class, the Senior Banquet which is the feature of every senior class, depends upon the success of this dance."

"The class hopes to get the loyal support of the other classes, without which it knows the dance cannot be a success." All who have been selling tickets should see C. H. Johnson in the Library Friday in order that those who have sold ten tickets may receive their free bids.

#### Widely Advertised

The Senior Hop has been advertised in the Daily Maroon, The Ilini, and the Northwestern papers. Posters have been made and posted in conspicuous places around Armour, and accounts of its progress have appeared in the ARMOUR TECH NEWS from time to time. Cards have been sent to the Alumni telling them of the approaching event, and notices are to be placed on the bulletin board for the benefit of the night school students.

The patrons and patronesses are to be Dean and Mrs. C. I. Palmer, Dean and Mrs. J. C. Penn, Professor and Mrs. H. T. Heald, and Mr. and Mrs. C. P. Holmes.

The committee which has assisted C. H. Johnson in making the plans for the dance consists of A. H. Gent, George Petters, V. A. Peterson, and H. H. Dozois.

## Student Speakers At A.I.E.E. Session Mon.

The last regular meeting of the Armour branch of the A. I. E. E. featured talks by James Dawson, '28, and George A. Rummell, '29.

Dawson spoke on the "Use of Electricity in Medicine" and explained the general advantages and methods of this compared with surgery in certain types of treatment.

Rummell, as his topic, discussed the use of neon tubes in advertising or signs. He discussed in detail the manufacture of the neon tube and the construction of the sign. The method of operation of the sign and its place in advertising were also touched upon.

After discussion on the subjects, the meeting adjourned.

It is planned that more of these student talks will be given. An opinion of the members of the organization is desired by the program committee on this matter.

## Burnham Library Had 1400 Oct. Circulation

The Burnham Library at the Art Institute had a banner month during October, 1928. There were 457 more students at the library than during October, '27, the total attendance being 2721 people. The total number of books circulated was 1400, which was 602 more copies than in the same month of the preceding year. This was 146 more books in circulation than in the busiest month in 1927.

The "archs" are continually using this library which has over 5000 books pertaining to architecture.

The new library will be completed by next June. Earl H. Reed, Professor and Head of the Department of Architecture, is on the committee which supervises the completion of the library.

The newest surprise regarding the entertainment to be offered is the announcement of the committee that a noted professional dancer is to be on hand to entertain with her graceful art. The identity of this performer remains a mystery, and will so continue until tomorrow evening.

"At least 300 couples should be present to make the dance a financial success," says Johnson. He adds, "Due to the poor financial standing of the senior class, the Senior Banquet which is the feature of every senior class, depends upon the success of this dance."

"The class hopes to get the loyal support of the other classes, without which it knows the dance cannot be a success." All who have been selling tickets should see C. H. Johnson in the Library Friday in order that those who have sold ten tickets may receive their free bids.

The Senior Hop has been advertised in the Daily Maroon, The Ilini, and the Northwestern papers. Posters have been made and posted in conspicuous places around Armour, and accounts of its progress have appeared in the ARMOUR TECH NEWS from time to time. Cards have been sent to the Alumni telling them of the approaching event, and notices are to be placed on the bulletin board for the benefit of the night school students.

The patrons and patronesses are to be Dean and Mrs. C. I. Palmer, Dean and Mrs. J. C. Penn, Professor and Mrs. H. T. Heald, and Mr. and Mrs. C. P. Holmes.

The committee which has assisted C. H. Johnson in making the plans for the dance consists of A. H. Gent, George Petters, V. A. Peterson, and H. H. Dozois.

## Electricals To Hold Smoker Wednesday

Next Wednesday evening is the date set by the Electricals for the fall smoker of the Armour Branch of A. I. E. E., and the scene of action will be the Delta Tau Delta fraternity house at 3155 Michigan Avenue.

These are the final arrangements as announced by Vernon A. Peterson, '29, who is chairman of the social committee for the organization.

Entertainment by talented students will feature the program. Vocal selections by William E. Briggs, '29, and piano numbers by Joseph C. Hromsda, '29, and Leroy F. Bernhard, '29, will be among the student numbers given. The smoker is open to all members of the A. I. E. E.

## Sigma Kappa Delta's Publish Own Newspaper

"The Triangle," a newsy little publication put out monthly by the active chapter of Sigma Kappa Delta fraternity, recently appeared in the first issue of Volume VIII. The sheet was for the first time done up in printed form, it having heretofore appeared in mimeographed sheets. E. B. Ross is the editor of the publication, having as his assistant, R. Y. Kilbourne.

It contains items of interest concerning both active and alumni members, as well as a page of humor.



ARMOUR TECH NEWS

Student Publication of the
ARMOUR INSTITUTE OF TECHNOLOGY
CHICAGO, ILLINOIS
Published Weekly During the College Year

EDITORIAL STAFF

- Editor-in-Chief.....John Hommes, '29
Desk Editor.....Fred B. Farrell, '29
News Editor.....David T. Smith, '30
Department Editor.....Charles E. Morris, '30
Assistant.....Walter J. Ehrmeyer, '29
Social Editor.....John E. Tarman, '30
Assistant.....Vernon A. Sturm, '30
Athletic Editor.....John P. Edstrand, '29
Assistant.....Walter Paradzinski, '30
Humor Editor.....(Not yet chosen)
Feature Writer.....Joel M. Jacobson, '29
Faculty Adviser.....Professor Walter Hendricks

CONTRIBUTORS

- J. H. Ashenurst, Fred A. Atwood, A. B. Auerbach,
L. W. Booker, Joseph Boula, Hal Burnett, E. W. Carlson,
W. Edmonds, Frank M. James, F. W. McCloska, H. J.
Monger, S. S. Pulaski, H. P. Richter, W. H. Rudolf, R. F.
Stellar, Vernon Sturm, Max Schinke, H. W. Yount.

BUSINESS STAFF

- Business Manager.....Russell E. Johnson, '29
Assistant.....Thomas R. O'Malley, '30
Advertising Manager.....Stanley A. Beatty, '30
Assistants.....Morris O. Nelson, '30; Wilbert B. Deering, '30
Circulation Manager.....John W. Gamble, '29
Assistant.....John E. Barman, '29
Exchanges.....D. R. Garen, '30

Vol. II. NOVEMBER 15, 1928 No. 9

WHEN YOU DEFINE LIBERTY
YOU LIMIT IT, AND WHEN YOU
LIMIT IT YOU DESTROY IT.
—Brand Whitlock.

Progressive Freshmen

New ideas suggested indicate a spirit of progress. New
ideas carried out indicate progress.

The freshman social committee, led by David Chapman
has not only suggested an idea involving a function
never before attempted at Armour, but is busily engaged
in carrying it out. The members deserve commendation
for their progressiveness.

Their plan calls for a smucker to be attended by the
entire freshman class, and by them only. It is a plan
based upon Chapman's idea of what the word "social"
means, that it is not restricted to a huge ballroom, with
a high-salaried orchestra, and swirling couples gliding
gracefully over a gilded floor. He conceives the duties
of the social chairman as being broader than that he is
simply to manage one dance during the school term.

We agree with him. We believe the class social chair-
men have within their reach the power to aid appre-
ciably in promoting a more loyal school spirit on the part
of the students. The class dances, excellent in them-
selves, cannot be said to strengthen measurably this in-
tangible something which for want of a better term, at-
taches to the name of "school spirit." The dances serve
an altogether different purpose.

The smoker, or it had probably better be called a stag
party, fills the bill admirably. It will enable the students
to become acquainted with each other to a wider degree
than is possible simply by contact in and out of class.
It will tend to balance up the ratio between business and
pleasure which is essential to a healthy college life. The
students will welcome any and all functions of this na-
ture.

Face To the East

Monday, at eleven o'clock, the whole world paused for
a brief period in memory of the brave lads who died on
the battle fields of France ten years ago. The whole
world was bowed in reverent admiration of the memory
of these fallen heroes. And the whole world simultane-
ously prayed to the Almighty God that nations shall
never again see fit to revert to war for the settlement
of their difficulties.

This brief but universal meditation upon the horrors
of war probably does more to promote peace and under-
standing between distant countries than any other single
influence. May the rite continue in annual observance
long after any necessity for anti-war negotiations exists.

Adieu To a Soldier

Adieu, O Soldier!
You of the rude campaigning (which we shared),
The rapid march, the life of the camp,
The hot contention of opposing fronts—the long
maneuver.
Red battles with their slaughter,—the stimulus—the
strong, terrific game,
Spell of all brave and manly hearts—the trains of
Time through you, and like of you, all fill'd.
With war, and war's expression.

Adieu, dear comrade!
Your mission is fulfilled—but I, more warlike,
Myself, and this contentious soul of mine,
Still on our own campaigning bound,
Through untried roads, with ambushes, opponents
lined,
Through many a sharp defeat and many a crisis—
often baffled.
Here marching, ever marching on, a war fight out—
aye here,
To fiercer, weightier battles give expression.
—Walt Whitman.

"THE SLIPSTICK"

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

Schommeresque

Lives of football men remind us,
We should fight to win the race;
And departing leave behind us,
Footprints on our rivals' face. —F.F.S.

Have you heard about the terrible catastrophe in Edin-
burgh? It seems that two racing taxis collided and
twenty passengers were killed.

Did He Precipitate?

Dear Al:
The other day I went to one of our amusement parks
and I'll be switched if I didn't see one of the chemistry
prof on a ferrous wheel. —Bongineer.

Professor: Can you give me an example of wasted
energy?

Hellsen: Yes, sir. Telling a hair raising story to a
bald-headed man.

A Twisted Tale

That big millionaire standing over there cleaned up a
fortune in crooked dough.
Oho, he was a counterfeiter.
Not at all. He was a pretzel manufacturer. —Freddie.

ANNOUNCEMENT!!!

I am very happy to announce that my latest book,
"Why We Misbehave Like Human Beings," a direct se-
quel to "Yes, Professors Are Human," is now on sale in
Stanley's emporium. A free copy is given with each pur-
chase of a box of safety matches. WARNING! Don't
take the matches, you might want to burn the book.

Sprinkle With Salt and Serve Hot

Note on bulletin board—Football badges Fried Nov.
3rd. Wonder how they taste? —Buss.

Chem. Prof.: And what is sand used for?

Sleepy Stude: It's generally used for bathing beaches.
—J. G.

GIVE HIM A RHODODENDRON

I just bought a new thesaurus.
What are you trying to do, put a fast one over on me?
Those animals have been extinct for over a million years.

Have you noticed Doctor Scherger with a thoughtful
look in his eyes and muttering something under his
breath. We stole up behind him, and this is what he was
saying:

When I go to Deutschland,
In the middle of next year,
You'll be drinking ginger ale
And I'll be drinking beer.

It: I saw a headline in the paper about a man who
stole some bugs.

If: Waddya mean, bugs.

It: Why it said, "Man Steals \$5,000 Cash and Flees."
—Frank.

While I was rambling around this summer I thought
I'd make some conversation with a farmer. So I put on
my puzzled look and asked him whether his cow mooed
in the morning. Turning on me he spake and said, "Sure,
you didn't think it yodeled, did you?"

Just a Smart Fellow That's Not Conceited

Prof. Smith: "The fellow with the best report will be
given an hour to read it to the class."

Meagher: "When do you want me to read it, Pro-
fessor?" —A. J.

We're Roit Wid Ye, Dalton, Win Yez 'r Riddy

(From Alumnus Column, Armour Engineer, Jan., 1926)
"Raymond Q. Dalton, of the class of '09, sends in some
encouraging news for Armour Students who find it hard
to break away from afternoon classes, particularly fresh-
men, sophomore, and junior drawing classes. As stage
manager of Balaban & Katz' Chicago Theater he officially
advises us that a special afternoon entertainment feature
for the benefit of A. I. T. students will be inaugurated,
shortly after the necessary arrangements can be complet-
ed with the Dean's office."

What makes you think this farmer is putting water in
his milk?

I just heard him ask the hired man if he'd watered all
the cows yet. —F. B. A.

A robot is a machine without any imagination, in which
respect it is inferior to a taximeter. —Allah.

Success

My brother has just made a fortune in fruit.
Florida oranges?
No, Chicago pineapples.

It was toward the end of the third act. Emotional
silence gripped the entire audience. In a dramatic pose
the heroine stood with out-stretched hands and pleaded,
"Bread, bread, give me bread for my dying family."—
and the curtain came down with a roll. —Jack.

ADVICE TO THE CURIOUS

Query: What is meant by the witching hour?
Ans.: That is the hour when the professor greets you,
saying, "Well, which story is it this time?" —Freddie.

Blessings on thee, little flunk notice, you're a last line
in yourself. —AL. AUERBACH.

Book Reviews

"Ambition" by Arthur Train
Not being very well acquainted
with the work of Arthur Train I had
no idea what I would run into when
I started "Ambition." The writing is
rather mottled, good in many parts,
trashy in most. It is a story of an
ambitious young lawyer who falls for
the wiles of a designing and socially
aspiring female, regretting the fact
all too soon when he meets the only
one. The contrast between ambition
of intellect and social ambition is
none too clearly presented and at
best but sketchily drawn. The story
has the redeeming feature of brisk-
ness. It gets along rapidly. The
reader, in a three page whirl, follows
Simon Kent from Commencement,
through law school, the outbreak of
the war, Plattsburg, and France, to
his search for a job in New York.

The love scenes remind the reader
of Elinor Glyn and other fevered love
story writers.

"I love you better than anything
in the world!"

"O, Simon!"

"Clarice! My Clarice!"

"They stood there as one, gazing
fondly at each other, oblivious to the
trucks backfiring in the streets be-
low. Such sounds as reached their
ears were but the songs of nightin-
gales."

This is really a quotation from the
book, unlikely as it sounds, and not
from "True Story." For the reader
who asks nothing of a book except
that it be racy and interesting, "Am-
bition" satisfies all requirements. For
the student who has no time to waste
and wants something substantial Ar-
thur Train will never do.

(Ed. Note: Have you lately heard
a play you liked, seen a movie you
enjoyed, or read a book that you
want someone else to read? Write
us your impressions and let us print
it. Full credit given to all contribu-
tions.)

The Inquiring Reporter

Question: What salary do you
think the average Armour student
makes ten years after graduation?

C. L. Carlson, '30, M.E.: According
to what I have learned in Economics,
a man's salary after five years be-
gins to rise or fall according to his
class ranking. I think this applies to
Armour students so that it would be
difficult to state an average salary
any time after five years.

James B. Jay, '29, E.E.: About six
thousand a year. With the proper
political drag, engineering ability,
aggressiveness, and opportunities, an
average Armour student should be
able to do this. An engineer of my
acquaintance has informed me that
\$300 a month is poor pay for a good
engineer.

H. J. Menger, '32, M.E.: About
\$300 a month. Engineers of my ac-
quaintance are making just about
that much ten years after graduation.
After this point, advances will come
rapidly or not at all depending on the
person.

F. E. Sanborn, '30, E.E.: At the
age of from thirty to thirty-five, it
seems to me that a man should be
making at least \$5,000 per year, with
the training given him at Armour
Tech. This training gives the aver-
age student a great superiority over
the ordinary high school graduate.
His technical training gives him the
power to analyze a problem, con-
dense it, and find a simple, clear so-
lution which is an elementary step
on the high road to success.

Leon Fischman, '30, C.E.: From
the connections I have made with
former Armour men, I imagine the
average salary of an architect or en-
gineer ten years after graduation is
about \$3,500 per year.

R. C. Schlossberg, '32, Ch.E.:
About \$350 a month. Some of them
will probably be making as high as
\$15,000 a year. I think that the
least that any Armour graduates will
make is \$150 a month. There may
be a few who will become million-
aires by patenting some invention or
industrial process.

LETTER-BOX

Dear Sirs:

This letter may be directed toward
the majority, but it is for the benefit
of a few.

I hardly think it is necessary for
an apology, but an explanation is
necessary in order that the majority
may see the circumstances surround-
ing the cheerleader.

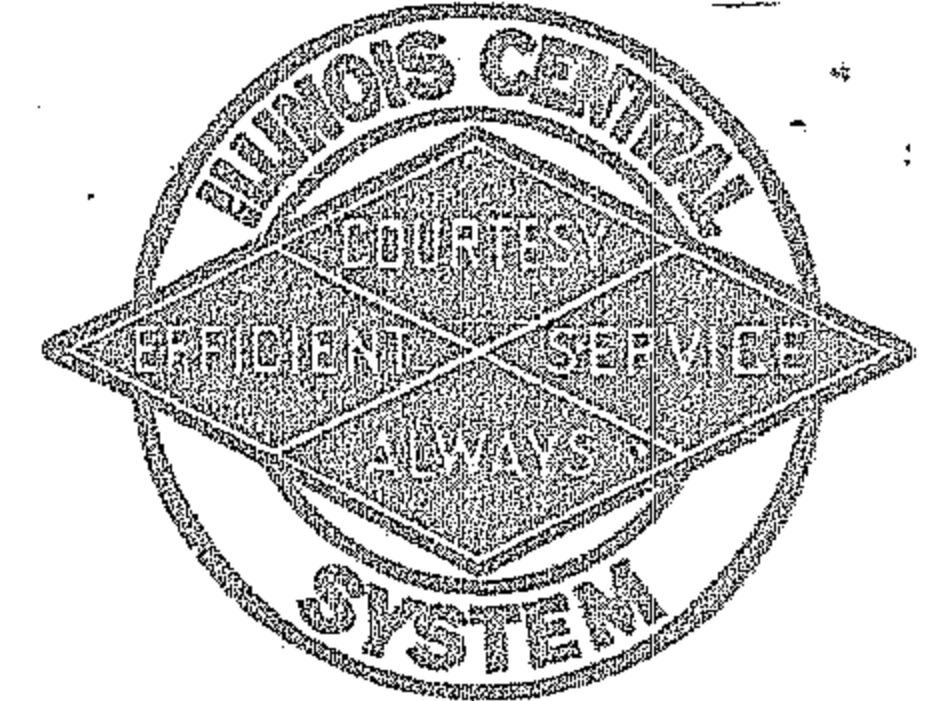
In the first place the cheerleader
position is a thankless one, for all
that he ever gets is abuse. Much com-
ment has been made in regard to
cheering at assemblies. It is my opin-
ion that a yell or cheer expressed as
a token of appreciation to any speak-
er is proper. It will be noticed that
a loud applause follows any speaker,
so why not go one step further and
acclaim his name as though you were

really glad that he spoke? In an in-
stitution of our character little
chance is had to express our school
spirit.

It is true that little or no cheering
is done at any of our games, and
why? For the simple reason that a
group of ten or fifteen scattered stu-
dents, which is the usual number that
attend a game, cannot give a substan-
tial cheer. However, when a cheer is
led before the student body a direct
criticism is made of the cheerleader.

I wish to correct the opinion that
the cheerleader was not present at
any of the athletic encounters. If
the rest of the student body were
present at as many games as he was,
there would be no room for comment.
So with the opening of the basketball
season let me express my hope of
seeing more Armour Supporters.

J. J. BRADY, Cheerleader.



Railway Regulation

"More business in government and less gov-
ernment in business" is an honored American
doctrine, but there have been and will continue
to be notable and unavoidable exceptions to it.
One of them is railway regulation.

Because the railroads were public utilities
which for a considerable period practically
monopolized the transportation field, it was in-
evitable that they should sooner or later find
themselves regulated by law. Effective fed-
eral regulation of our railroads has just entered
its fifth decade. During most of its history—
that is, from the enactment of the original In-
terstate Commerce Act in 1887 until the end of
federal control after the World War, which was
marked by the enactment of the Transportation
Act of 1920—the tendency of railway regula-
tion was almost wholly to restrict the freedom
of the railroads and to hold them in check, in
order to prevent rate discriminations and other
evils which had theretofore existed.

To the extent that railway regulation ended
such evils, it was a beneficial thing for the coun-
try as a whole and for the railroads themselves;
but when, in the course of its extension, it re-
mained wholly restrictive it was found to have
undesirable features which threatened railway
credit and the future of railway service.

It is an axiom that the right to regulate en-
tails also the duty to protect. After many years
of wholly restrictive regulation, the act of 1920
for the first time recognized the right of the
railroads to earn a fair return and directed the
Interstate Commerce Commission to see that
such a return was earned. The result has not
yet been wholly satisfactory from a railway
standpoint, but the promise of fair treatment
was the impelling incentive behind the marvel-
ous improvement in railway service which took
place a few years ago, the effect of which yet
remains.

As every one knows, the railroads no longer
monopolize the transportation field, and such
regulation as they now operate under tends to
prevent equal competition between them and
other means of transportation. If the true eco-
nomic principle of the survival of the fittest is
to govern the nation's transportation future,
either there must be no regulation of the rail-
roads or the same degree of regulation must be
applied to the railroad's present competitors.
Since many features of regulation are of public
benefit, the latter alternative seems to promise
the greater degree of progress in the formation
of a national transportation policy.

Constructive criticism and suggestions are in-
vited.

L. A. DOWNS,
President, Illinois Central System.

CHICAGO, November 15, 1928.



### VISIT HINSDALE'S ONE-MAN PUMP-ING STATION

A "one man" pumping station and water treatment plant located at Hinsdale, Illinois, was the object of an inspection trip made Friday, Nov. 8, by the Junior Chemical Engineering class. This plant, which is one of the few of its kind in the country, is a masterpiece of engineering genius. The complicated processes of chemical treatment, filtration, carbonation and storage of the water are carried on smoothly by machinery with such precision that the labor of but one man is required in the operation.

Water is obtained from two wells sunk to an average depth of two hundred feet. The water is pumped to the surface and into the plant where it is treated successively with 3.25 pounds of lime, 0.9 pounds of soda ash and 0.095 pounds of sodium aluminate per 1000 gallons of water. The proportions of chemicals are regulated by devices controlled by the rate of flow of the water. After this treatment the water goes to a settling basin where the sludge precipitates to the bottom and clear water runs over a wall into a storage tank where the water is carbonated, by blowing through it carbon dioxide under pressure. This, in addition to precipitating the excess lime as calcium carbonate, has the effect of giving the water "life" and of removing the flat taste. Next the water is filtered by the rapid sand process.

When the water enters the plant analysis show that it contains an average of 31 grains of solid matter per gallon. The treated water leaving the plant contains only 6.5 grains per gallon. Continual analysis are run on both the intake and outgoing water for relative hardness, alkalinity and incrusting solids.

This plant provides Hinsdale with the purest, softest water of any of the West Suburban towns along the

### Auerbach, '31, Made Slipstick Editor

A. B. Auerbach, '31, C.E., has been appointed to the position of **Humer Editor** of the **ARMOUR TECH NEWS** staff. His ascendancy to this position was the result of a careful comparison by the editor of the amount and quality of the work submitted by several competitors for the position ever since the semester began.

#### Merit Only Criterion

He will hold the position, just as other members of the staff, only so long as his work is superior to that of any other aspirant to the job, according to Professor Walter Hendricks, who is faculty adviser of the **NEWS**. This is in accord with the policy maintained by the **NEWS** ever since its establishment last semester, namely, that the only criterion used in choosing and maintaining men in certain staff positions is the comparative merit of their work.

#### Other Jobs Available

There still exists a scarcity of assistants on the staff of the **NEWS**. Reporters from all classes, feature writers, artists, or those interested in the business department are all in demand. Organization of a staff with a view toward next year's requirement is now under way, with the intention that the staff next semester will be able to carry on the work at that time without the aid of the graduating seniors who now hold positions.

**C. B. & Q. R. R.** The average annual cost is about \$13.00 per family. Hinsdale, incidentally, is the only one of these towns which owns and operates its own water works. The plant has a daily capacity of 1,200,000 gallons, but at the present time is pumping about 550,000 gallons per day.

**Tip to the boys:** After the senior informal tomorrow brush your coat lapel carefully or you'll "Keep that school girl complexion." —A. J.

### Band Features Frosh Trumpet Quartette

A trumpet quartette composed of the following Freshmen: G. L. Bonvallet, A. Wabash, R. E. Moore, and C. D. Stover, is to be featured at the next appearance of the Band, according to G. L. Rezac, director. This innovation, it is promised, will provide a distinct novelty in the form of band music. New arrangements are also being practiced, several of which exceed in difficulty any which have been previously attempted. A novelty French composition the title of which has not yet been disclosed, is also promised at the next appearance.

Director Rezac reports that excellent progress is being made by all sections of the band. The rehearsals are being enthusiastically attended, most of them being overtime sessions. Although hard hit by the June graduation, the band is recuperating rapidly and with an influx of new Freshman talent bids fair to outshine anything ever developed in musical organizations at Armour.

The orchestra rehearsals are also well attended. The Christmas concert is not far distant and George Rezac promises new music and new orchestral effects for that event.

Although such excellent progress is being made by both organizations, there is still ample room for new members. Any students who play any instruments are urged to try out for a position.

**Precocious Professor:** "Fools can ask more questions than wise men can answer."

**Precautions Senior:** "Is that why we all flunked in the last test?" —A. J.

**How does it happen that you were late today?**

There were nine of us in the house and the clock was only set for eight. —Jay Ash.

### Quadrangular Meet For Cross-Country

As the climax of its fall season, the Armour Tech Cross Country team will meet the harriers of Loyola University, Wheaton College, and Northwestern College of Naperville in a quadrangular meet Saturday morning, November 24, at Washington Park. This will be the last appearance of the Armour squad this year. Between thirty and thirty-five men will run over the three and a half mile course on that brow November morn to settle the merits of the different teams. The first twenty places will count in the scoring.

#### Armour Team Successful So Far

The Armour team defeated the Loyola runners in its first meet of the season, but lost to the Wheaton team in a later meet. Armour holds a forfeit victory over La Grange High School when they failed to show up for their engagement. Wheaton College led by Hess their fleet footed captain trounced Northwestern College of Naperville handily in a practice meet but lost to them in a surprising upset in their scheduled meet.

The Armour runners have been handicapped by being forced to practice after dark and then only for a limited time, but by hard work have managed to show quite a bit of improvement. The men are eager to finish the season with a winning percentage, and to revenge their defeat

### DO YOU FEAR THE WIND?

Do you fear the force of the wind,  
The slash of the rain?  
Go face them and forget them,  
Be savage again.  
Go hungry and cold like the wolf,  
Go wade like a crane;  
The palms of your hands will thicken,  
The skin of your cheek will tan,  
You'll grow ragged and weary and swarthy,  
But you'll walk like a man.  
—Hamlin Garland.

at the hands of Wheaton College. The following men will probably run for Armour:

- D. T. Smith, Capt.
- A. Montesann.
- F. James
- H. Hodgson.
- V. Taylor
- H. Eckleman
- D. Iverson
- H. Fox.

### BYRD EXPLORERS TO USE CHESTERFIELDS ON TWO YEAR TRIP

Commander Richard E. Byrd, who is now on his way to the South Pole in the ships of the Byrd Antarctic Expedition, has figured out the number of cigarettes a day a man consumes when the thermometer reads sixty degrees below zero. He has ordered 780,000 Chesterfield cigarettes, a two years' supply, from the Liggett and Myers Tobacco Company.

The question of which cigarette to choose was answered by a preference of a majority of Byrd's men for Chesterfields.

During the long wait for good weather in the Spitzberger camp, preceding Byrd's flight over the North Pole, the commander had an opportunity to see that his men just "ate up cigarettes."

### BECKWITH IRON WORKS, Inc.

STRUCTURAL STEEL  
ORNAMENTAL IRON

544 West 79th St.

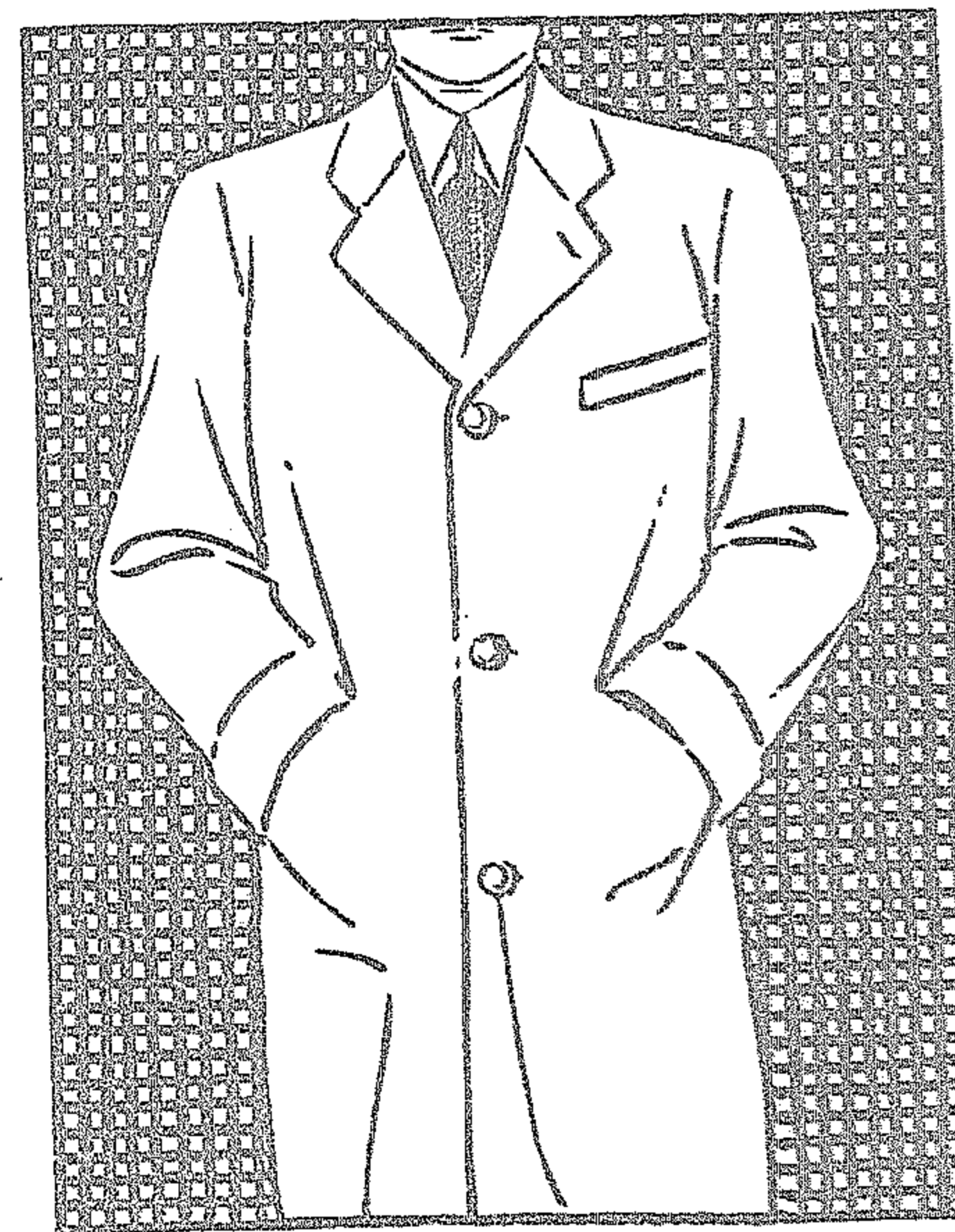
Triangle 1600

### THE HUB Henry C. Lytton & Sons

STATE and JACKSON—Chicago  
Gary

Oak Park

Evanston



Here Style  
is King!

But We Never Forget Value

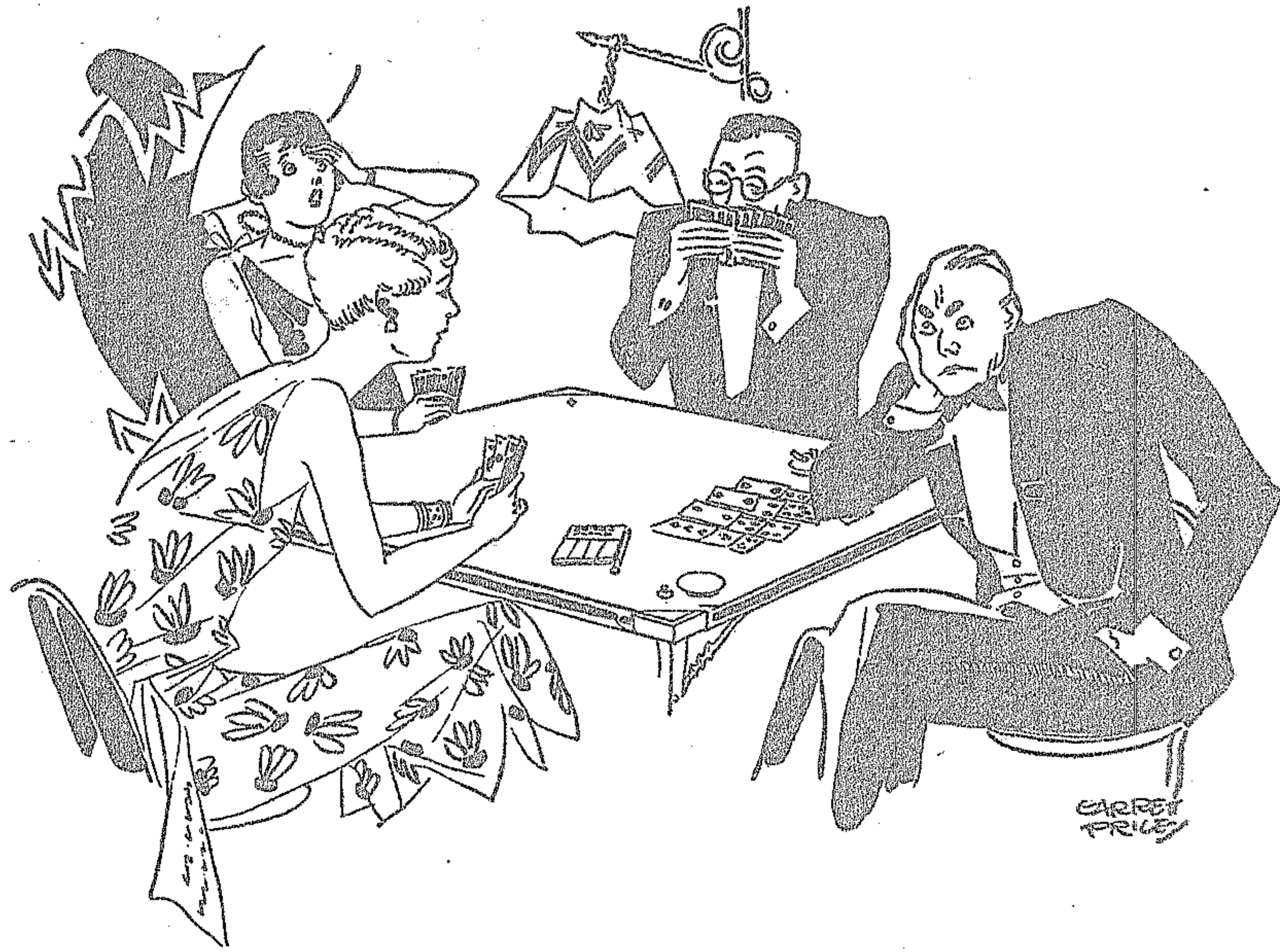
Style — the University kind — is the big thing here. And the new Overcoats certainly prove that fact. Every line, every detail is exactly what University Men want. We don't believe there's a single thing we've slipped up on — including value. "Dartmouth," the University Coat sketched, comes in fine fleeces guaranteed for service—and rich tweeds, chevots and vicunas. See them today!

University  
Overcoats  
Of Outstanding Merit

\$50

"Chicagoans" \$35 and \$40

## "Doubled and redoubled"



A leading bridge expert once said, "The aces and kings play themselves; it's the little spots that make games."

What's true in bridge seems equally true in the cigarette business. Aces to deuces, spades to clubs—from the very first deal, Chesterfield made every card good!

No risky finesses, no sharp double squeezes — Chesterfield rose to world-wide popularity

by straight honest selling with a straight honest product — an outstanding success in cigarette history.

So Chesterfield can bid high. Tobacco quality, perfect blending, purity, mildness, natural sweetness — with a hand like that, Chesterfield can redouble your smoking pleasure...and today, next month, next year, keep right on fulfilling the contract.

# CHESTERFIELD

MILD enough for anybody... and yet... THEY SATISFY

LIGGETT & MYERS TOBACCO CO.



## WILL OLD ORDER TOPPLE IN FRATERNITY MIX-UP?

### Stempkowski Weighs Facts Pro and Con But Upsets Still Loom Large

#### INTERCLASS FRAY ONE-SIDED

By C. L. STEMPKOWSKI

Prior to the commencement of inter-school basketball competition, there is a great deal of comment and discussion centered about the underdogs and favorites who contemplate entering the race for class or fraternity honors.

The vital question that now flourishes within the sport circles of the school is, "Can last year's champs, Phi Pi Phi, and the Juniors, retain their prestige as the big guns in the coming scholastic contests?"

The answer to this question is bound up in the record that they will establish this season, and will not be divulged before that time. The passing of time soon plays havoc with school teams, and they are forced to relegate their past records to a shelf up in the attic and start anew in reconstructing and rebuilding before they are qualified to play a role in the popular picture.

#### Phi Pi's Champs for 10 Years

For the last ten years the Phi Pi's have enjoyed a reputation that has not yet been paralleled. Three school generations have made up the Phi Pi roster and each has carried on the unflinching work of its ancestors. They have blotted out all other fraternity teams during these ten consecutive years and have retained the much coveted floating trophies. Today, they are in permanent possession of three cups for basketball, and have already garnered one leg on the trophy which is up for this season's competition.

#### Other Teams Strong

But somewhere, some place, there may be a big surprise that will loom up and upset the predictions of local basketball prophets. The forthcoming season as yet conceals a great deal of the hidden truth, but should there be a sudden, unexpected revelation of the secrets kept subrosal by the other fraternities in regard to their teams, the dope bucket will get an awful wallop.

At one time, the present champs were entrenched in the rut and were unheard of as far as basketball supremacy was concerned. But their stock rose rapidly to lofty heights until it reached a mark well over par; then it refused to drop and thus the Phi Pi's maintained their premier distinction.

#### Gamble and Dawson in Charge

John W. Gamble, '29, director of inter-fraternity basketball, is reluctant to advance any opinion on the outcome of the ensuing campaign, but believes that the present champions will mix in more bitterly contested affairs than they ever have in the past.

#### Seniors Favorites

As for inter-class competition, the Seniors are considered the favorites and the Juniors will probably be forced to bid adieu to their championship hopes.

The Seniors have a great advantage over the other teams inasmuch as they have captured the honors last year while they were only "three-year-olds."

James Dawson, promoter of inter-class competition, foresees good qualities in the Juniors and Sophomores, but feels as though the Seniors have a marked advantage.

#### Schedules Will Be Drawn Up Soon

At present, both Gamble and Dawson are drawing up schedules for the annual fall games and hope to have something definite in a few days. The games will be played on the same order as last year. Two sections will be drawn up in both inter-class and inter-fraternity games, and the winner of each section will compete for the coveted honor.

THE PLACE TO EAT  
**TRIANON CAFE**  
PIANOS BROS., Props.  
3034 Indiana Avenue  
Special Student Prices

## Class Teams Recruit Array of Notables

If signs aren't deceiving, or if signatures don't lie, then the coming interclass basketball rivalries will be a free-for-all in which we will find a smattering of every kind of a notable, from literati to boxing champions, and from super-seniors to teachers' pets.

All this information was contained on the bulletin board in the main building, and the signatures of these high-hatted gentlemen as they appeared on the application blanks. Since such prominent men have added their John Hancocks to the recruiting list, the coming interclass entanglements will probably be mapped out with a neat program consisting of an inaugural speech, a song, and then a few bloody rounds of boxing which will end up in a shooting duel.

For instance, the senior class offerings contain among their recruiting list the famous tennis wizard, Jennings; the captain of the golf team; about three men of the staff of the "Engineer"; the editor of the "Cycle"; a track star; a leading member of the senior Social Committee; the school boxing champ; and a few of the school politicians.

At present the freshmen lead the other classes in the number of aspiring candidates. Seventy-six signatures and two X's (presumably a few fresh struggling yet with their ABC's) appear on the bulletin board and are awaiting the whistle which is to throw the combatants into action for supremacy.

## Larkin Returns After Appendicitis Operation

Maxwell C. Larkin, '31, captain of the boxing team, was back in school Monday morning, after being indisposed for two weeks because of an operation for appendicitis. Larkin was taken ill on Oct. 29, and was forced to undergo an operation. He was out only two weeks. Larkin is a

## Grid-Iron Queries

By Professor John J. Schommer

(Ed. Note: Professor John J. Schommer, conference umpire, and leading authority on football, will answer through this column, any questions on football which are puzzling our readers. Questions should be dropped into the NEWS contribution box, located on the first floor of the main building.)

**Question 8: What are the duties of the officials? (C. J.)**

**Ans.:** The referee is responsible for the ball and the umpire is responsible for the men. The head linesman is in charge of the yard stick and measures off the distances gained or lost. The field judge keeps the time and is an assistant to the referee and umpire.

**Question 9: Side A has possession of the ball and throws a pass which is intercepted by B and in the meantime, a man from side A commits a foul on man from side B. Does the side B have a choice of taking possession of the ball or will side A be given the penalty and resume offensive play? (J. H.)**

**Answer:** Side B, the offended team, may elect either to take the gain or give side A the penalty.

**Question 10: If man from side A punts the ball and it does not cross the line of scrimmage, is it a free ball? (R. E.)**

**Answer:** Yes. If B recovers, it is B's ball, and if A recovers it, it is A's down. Furthermore, if this circumstance happens on the fourth down the ball goes over to B at the point of recovery.

member of Phi Kappa Sigma.

With the return of the captain, the boxing team will again be able to resume its activities with proper zest.

## Thru The Hoop

By J. R. Yount

Coach Kraft has started something new in basketball at Armour—he's cutting the squad.

At Armour a man isn't supposed to be cut, he just naturally stops coming out.

However, there are four Tau Bet's on the squad this year, not to mention a few lesser luminaries, and it is hoped that these men will keep the team average up.

Captain Johnnie Manz is president of Tau Beta Pi, and Ray Stellar, Novo Ewing, and Jeff Rowley have been sporting Tau Beta pledge buttons.

Practice has been switched to the Armory at 35th and Giles.

The baskets at the Armory are few and far between.

The fact is, a man running from one end of the floor to the other gets his "second" wind a little way past the center.

Glass backboards have been installed so that things are just like in the big leagues—only not quite so good.

We play Notre Dame at South Bend on December 10, and although Armour has never beaten Notre Dame in basketball, you can't sometimes never always tell, things usually happen when you least expect them most.

Well, there being nothing further to say, we'll say nothing further.

Since cigarettes are taboo with the candidates, the main entrance should not be littered up the way it has been in the past.

Stan Ott says "this game's a game of grace". He's right. Good gracious! Some of the men are "graceful."

Instead of fighting the ball, most of the fellows had trouble keeping their hands and feet from getting twisted. What's wrong? Aen't they mates?

## Bird's Paroid Built-up Roof



The White Top Paroid Cap Sheet adds years of wear. It reflects the rays of the sun and seals in the waterproofing materials beneath. Samples and Specifications on request.

**Bird & Son, inc.**

1472 West 76th Street

Chicago, Ill.

Telephone: REPUBLIC 7900

**O. M. ZEIS LUMBER CO.**

WILLIAM ORY, Manager

Everything in  
**LUMBER AND MILL WORK**

We Deliver Any Quantity

64th Street and Irving Avenue

## Basket Try-Outs Now Boiled Down To 40

Forty basket tossers under the tutelage of Coach Bill Kraft have begun their hectic strife to win laurels for themselves by winning laurels for Armour Tech.

#### Now Work Out At Armory

Last Tuesday marked the opening practice session in the Armory, the beginning of a training that mixes hard toilsome labor with the keen pleasure that comes with personal competition.

During the past two weeks Kraft has been taking things easy, while the eighty volunteers, by a process of self-elimination, boiled down to a workable number, thus saving him the embarrassment of cleaning house of the large number who only thought they knew how to play basketball.

#### Knee-Caps Need Elbow Grease

Even the regulars have a good lot of rust to scrape out of their knee joints, for a long summer of leisure and laziness is certainly not conducive to speed on the basket floor. For a while the coach looked seriously worried for fear that in spite of the fact that he had eighty turnouts, he would not be able to find a handful that could locate the hoop.

His wrinkled brow was not long in smoothing over, however, after he saw a few of the men in action, for the squeeks and groans of the knee caps and elbows rapidly took their place with the moth balls.

A home and home game with Northwestern College of Naperville, the latest addition to the schedule, is the announcement which Cal Johnson, the manager of the team, has to make.

#### TYPEWRITERS

Special Rates to Students  
Renting or Buying  
Wabash 8535  
407 S. Dearborn St.

## LAGONI HARDWARE CO.

Everything in Hardware, Tools, Paints and Electrical Supplies

6324 South Ashland Avenue

Phone Prospect 3848

Chicago, Illinois

Mention The Armour Tech News.  
When Patronizing Our Advertisers

# THIS NEWSPAPER

WAS

# PRINTED

BY

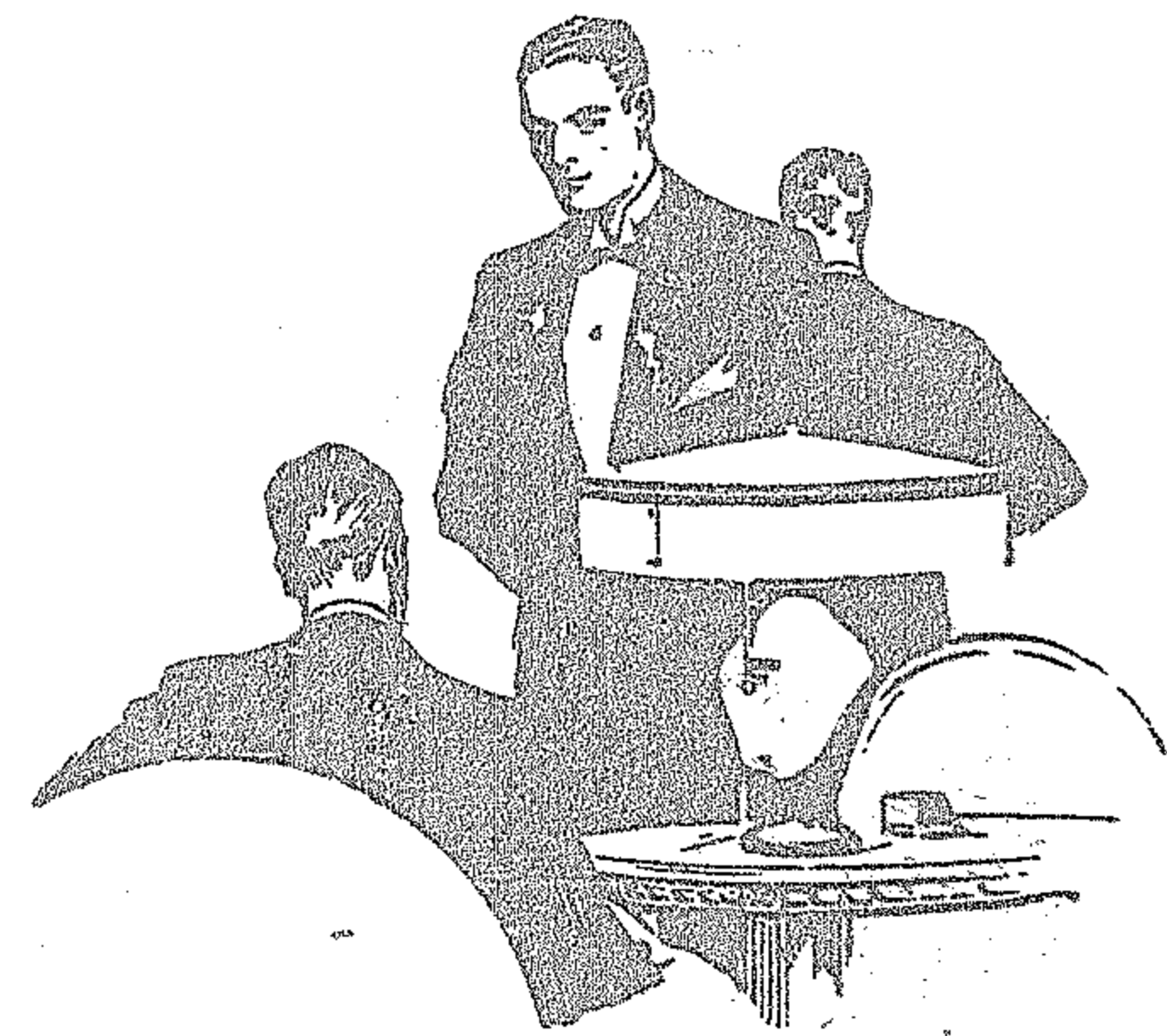
**EDWIN H. ANDERSON**

Associated with AYERS & DOYLE, Printers

Publication Typesetting and Printing

1544 West 63rd Street, Rear

PHONE PROSPECT 4298



## FOR YOUR FORMALS

This Hart  
Schaffner & Marx  
Tuxedo

\$33

Produced by Hart Schaffner & Marx vast resources, volume production, large buying power—it has the smartest style, finest quality you've ever seen in a tuxedo at \$33

Other Hart Schaffner & Marx University styles in Suits and Overcoats, \$33 to \$75

## BASKIN

THREE STORES

Corner of Clark and Washington

State Street just north of Adams

63rd Street at Maryland