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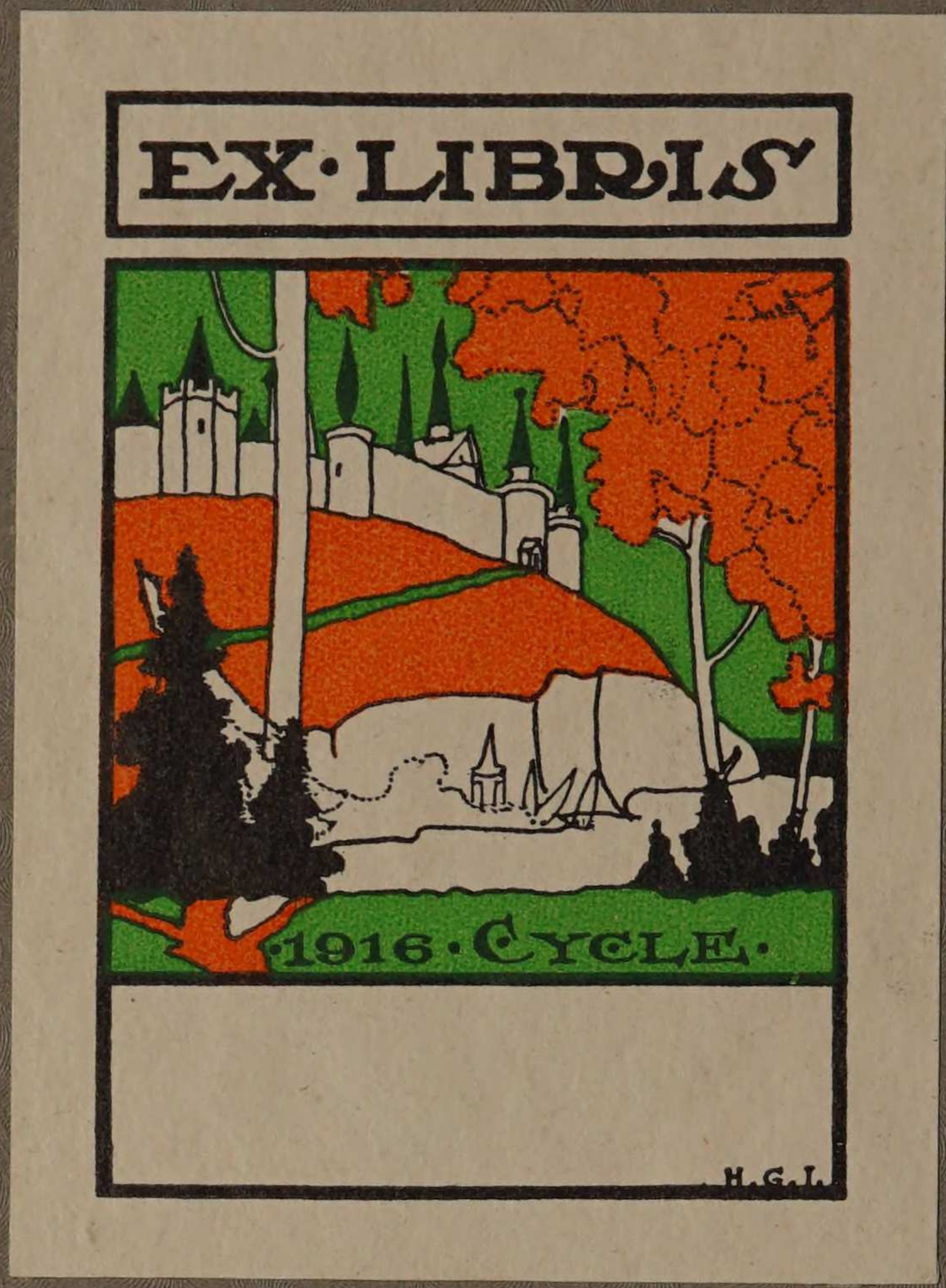
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THE STUDENT
ANNUAL OF

Armour Institute of Technology

CHICAGO
ILLINOIS

Published by the Cycle Board
for the Junior Class
of the College of Engineering

Volume Four: Nineteen Hundred and Sixteen

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To

George Frederick Gebhardt

Professor of Mechanical Engineering

Engineer—Counselor

Author—Teacher

With sincere appreciation of his active and enthusiastic interest in the affairs of Armour Institute of Technology, this book is respectfully dedicated

by

The Class of 1917

To

George Frederick Gebhardt

Professor of Mechanical Engineering

Engineer—Counselor

Author—Teacher

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View of Buildings

THE ARMOUR MISSION

LOOKING SOUTH ON FEDERAL STREET

FORGE SHOP

Machine Shop

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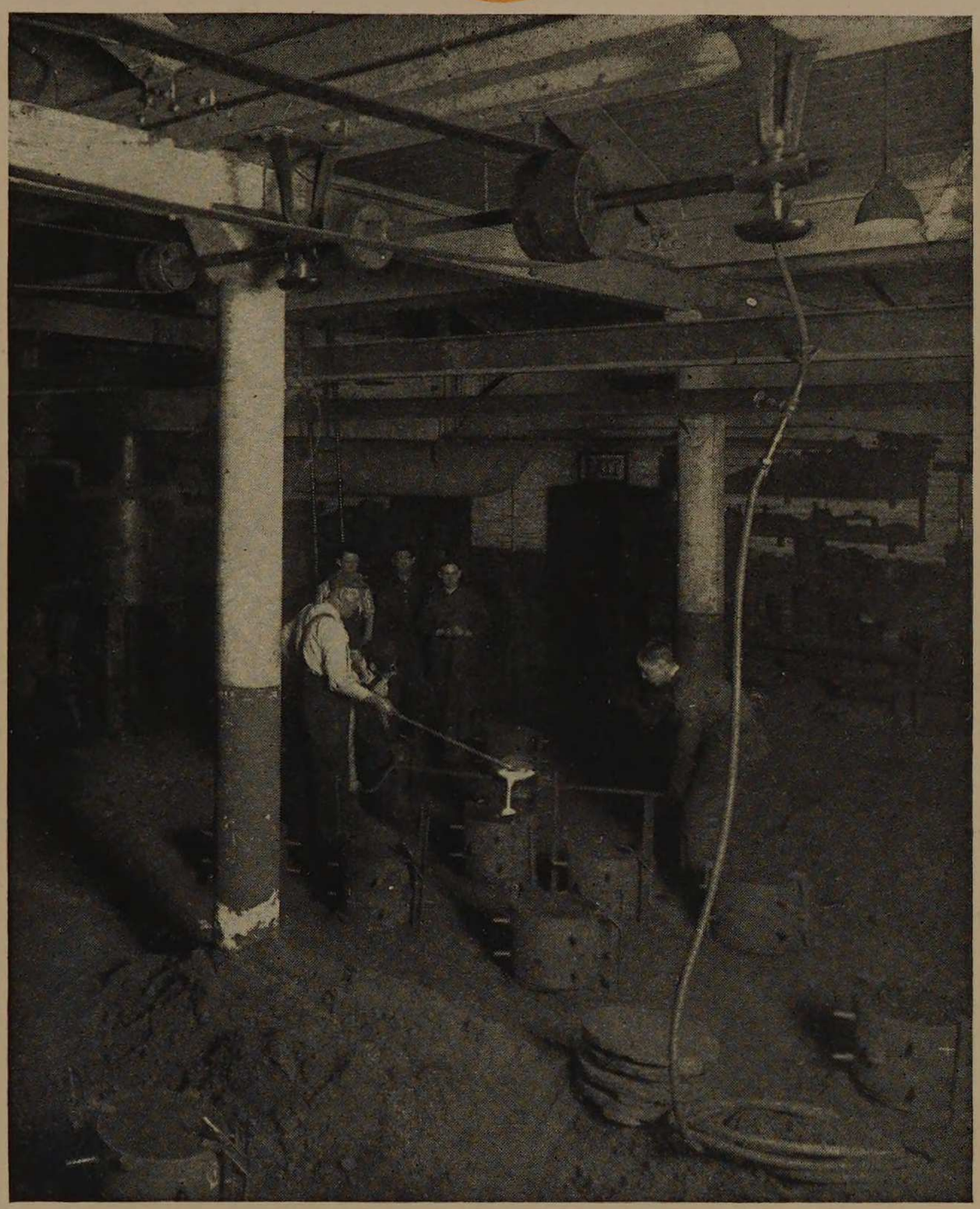

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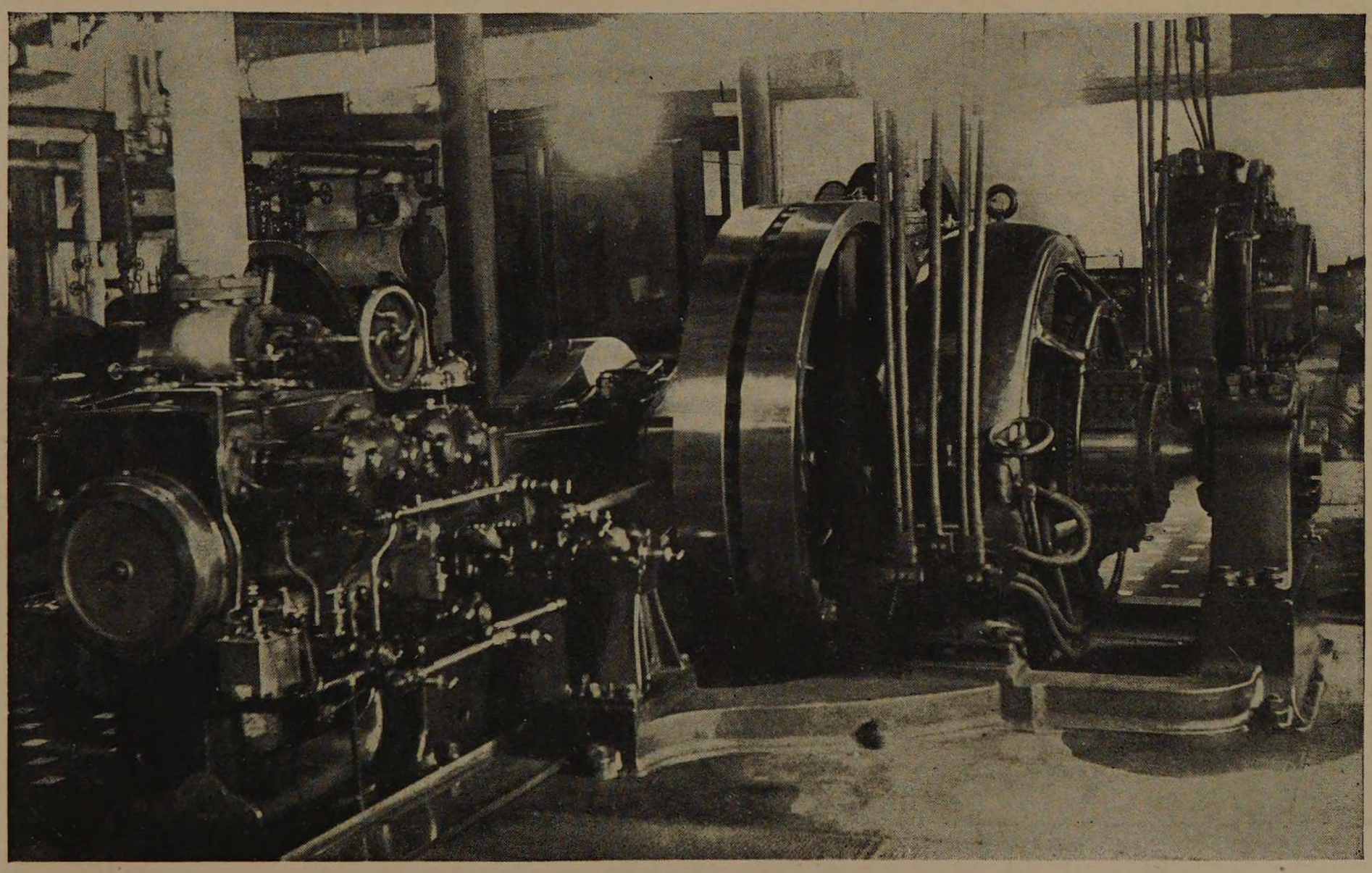
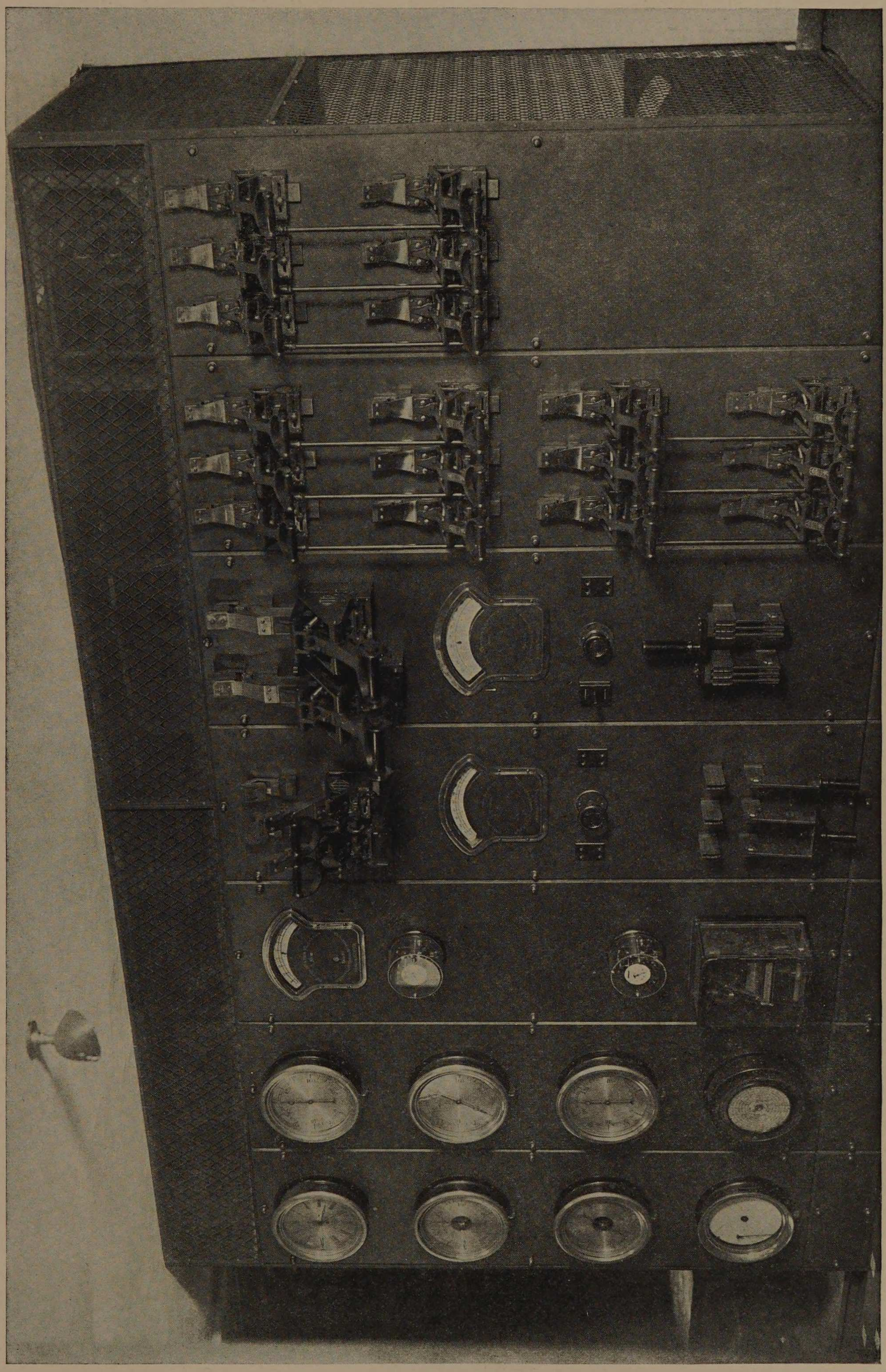
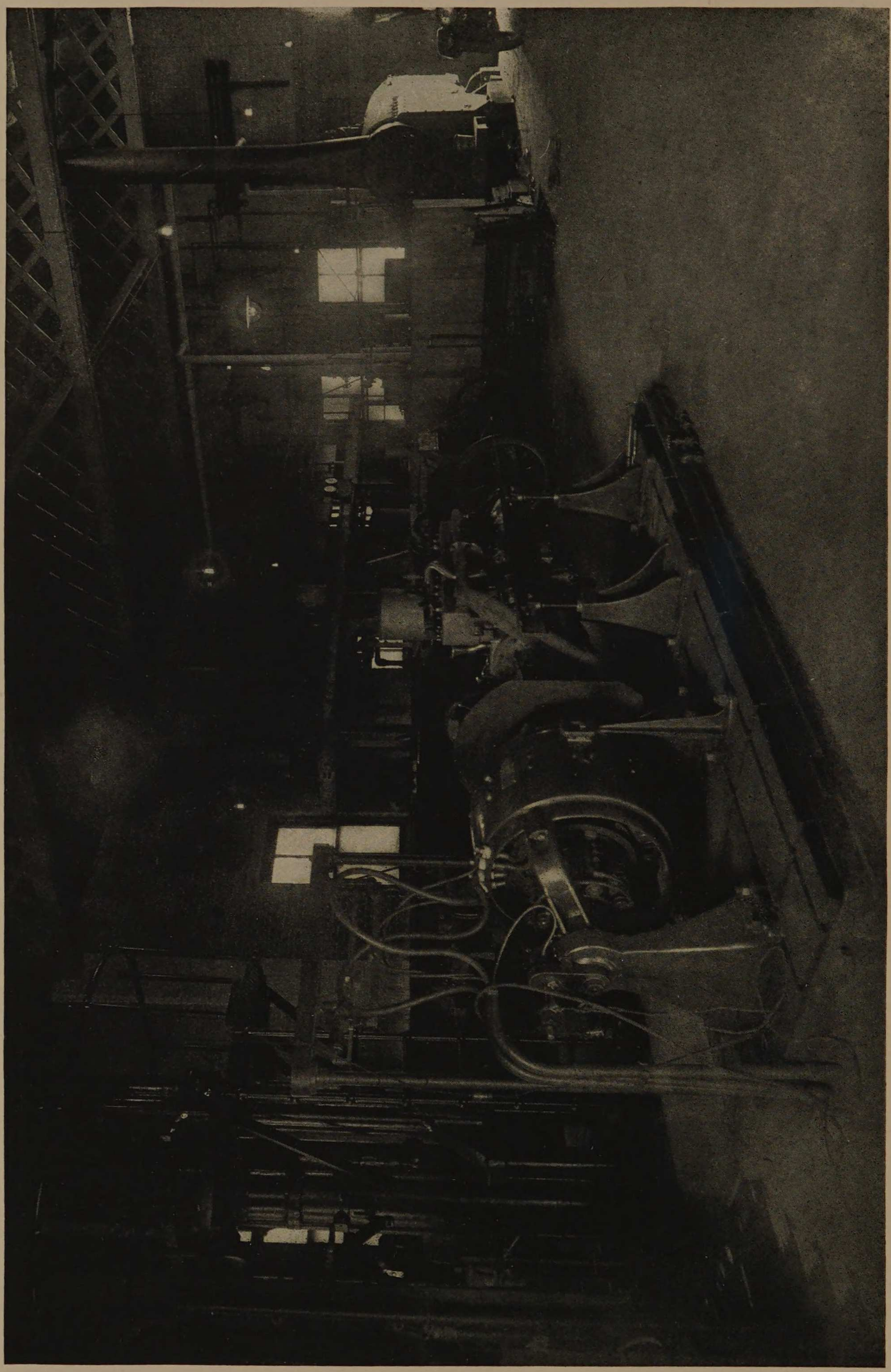


ENGINE ROOM

Main Stairway



SWITCHBOARD IN ENGINE ROOM



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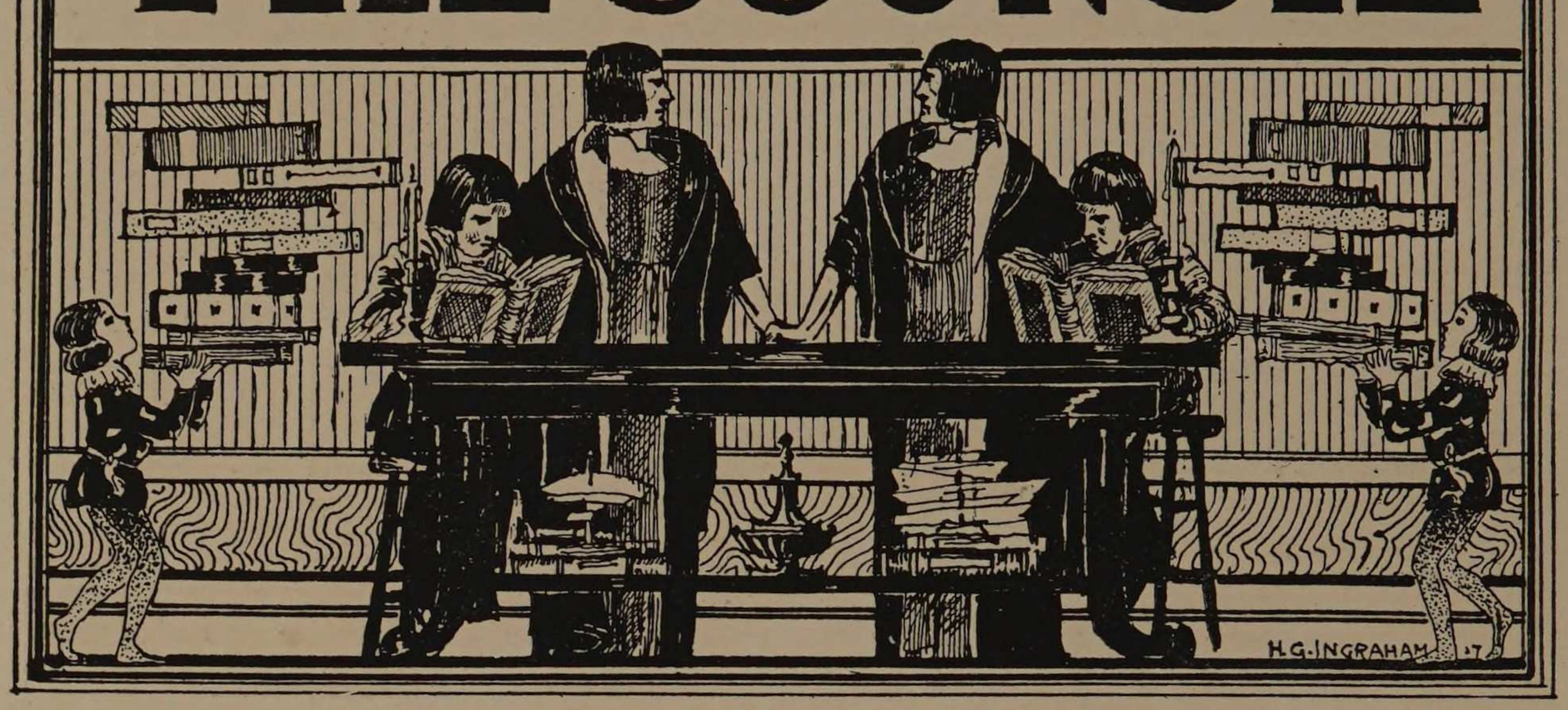

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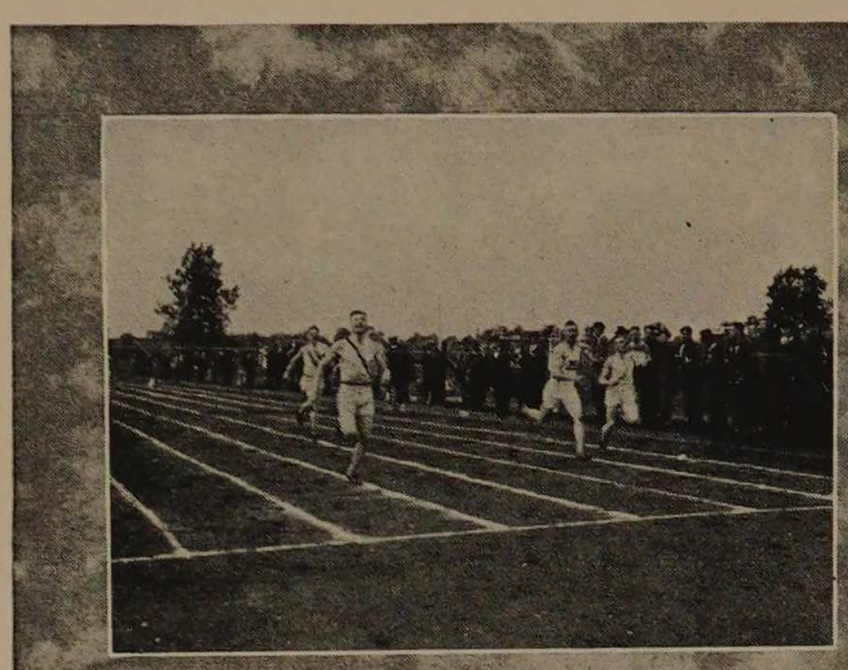

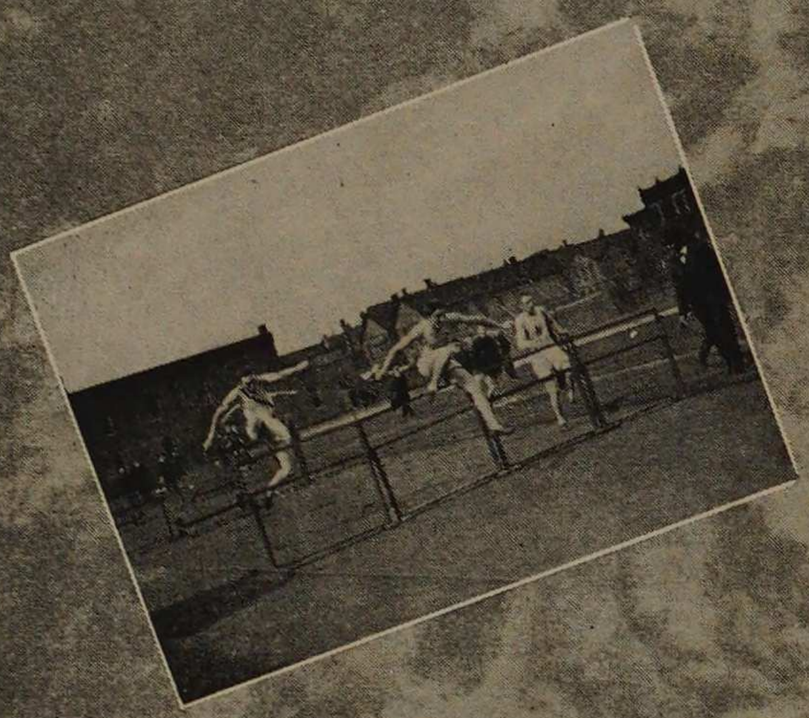

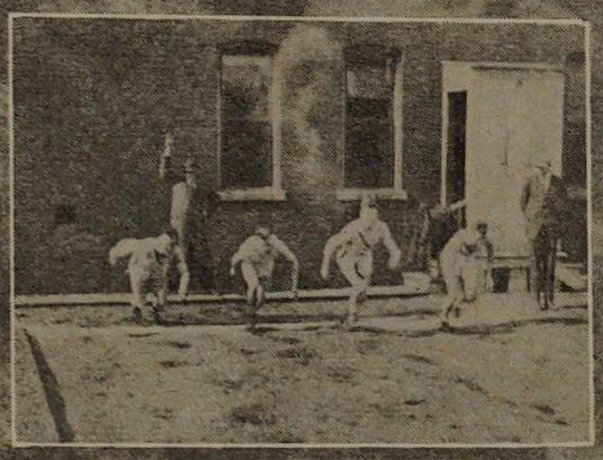

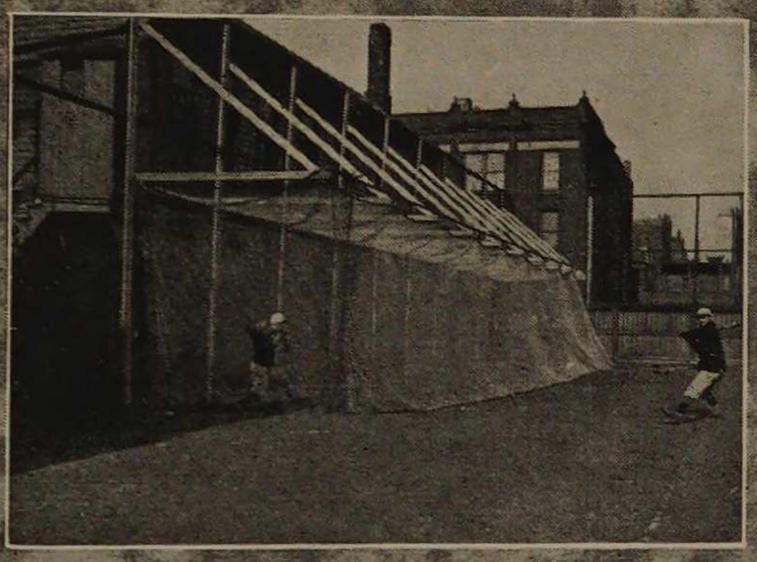

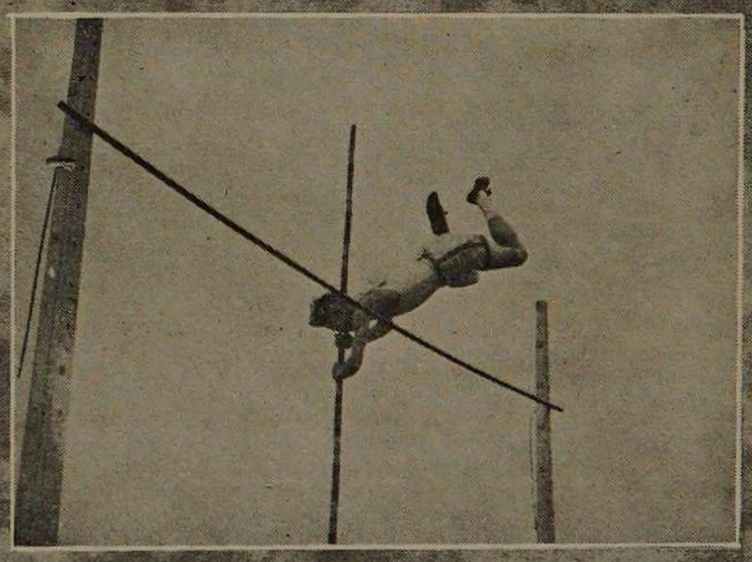

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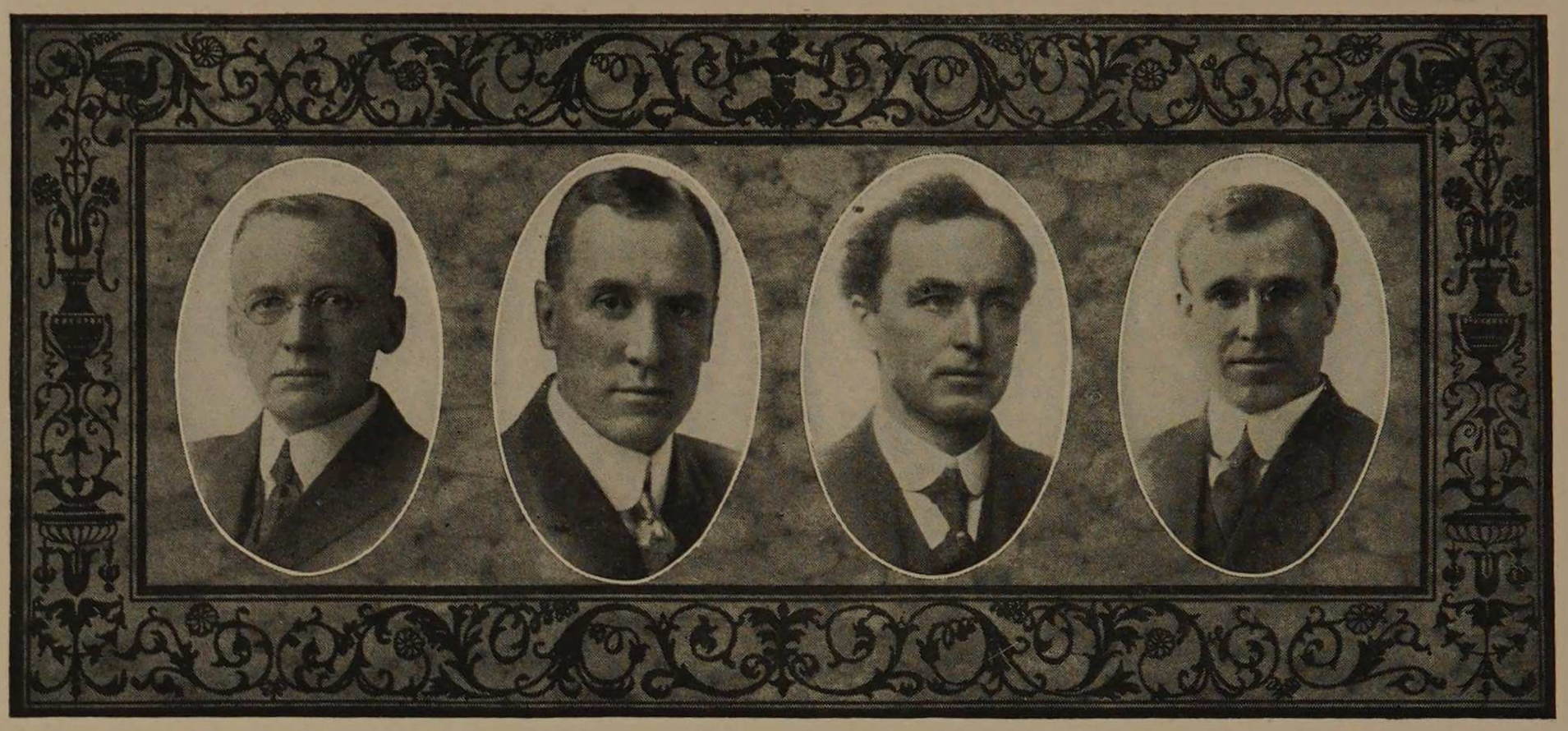

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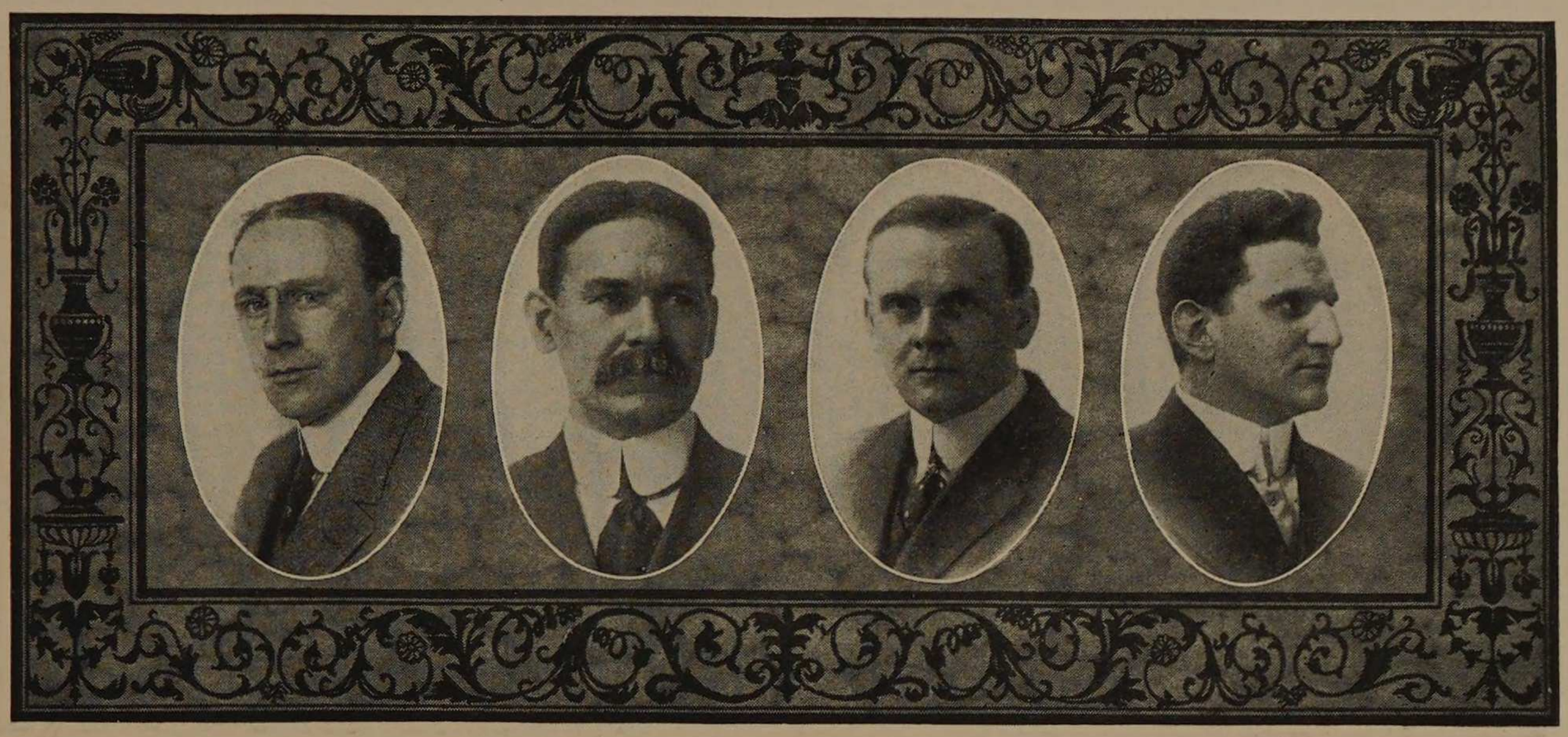

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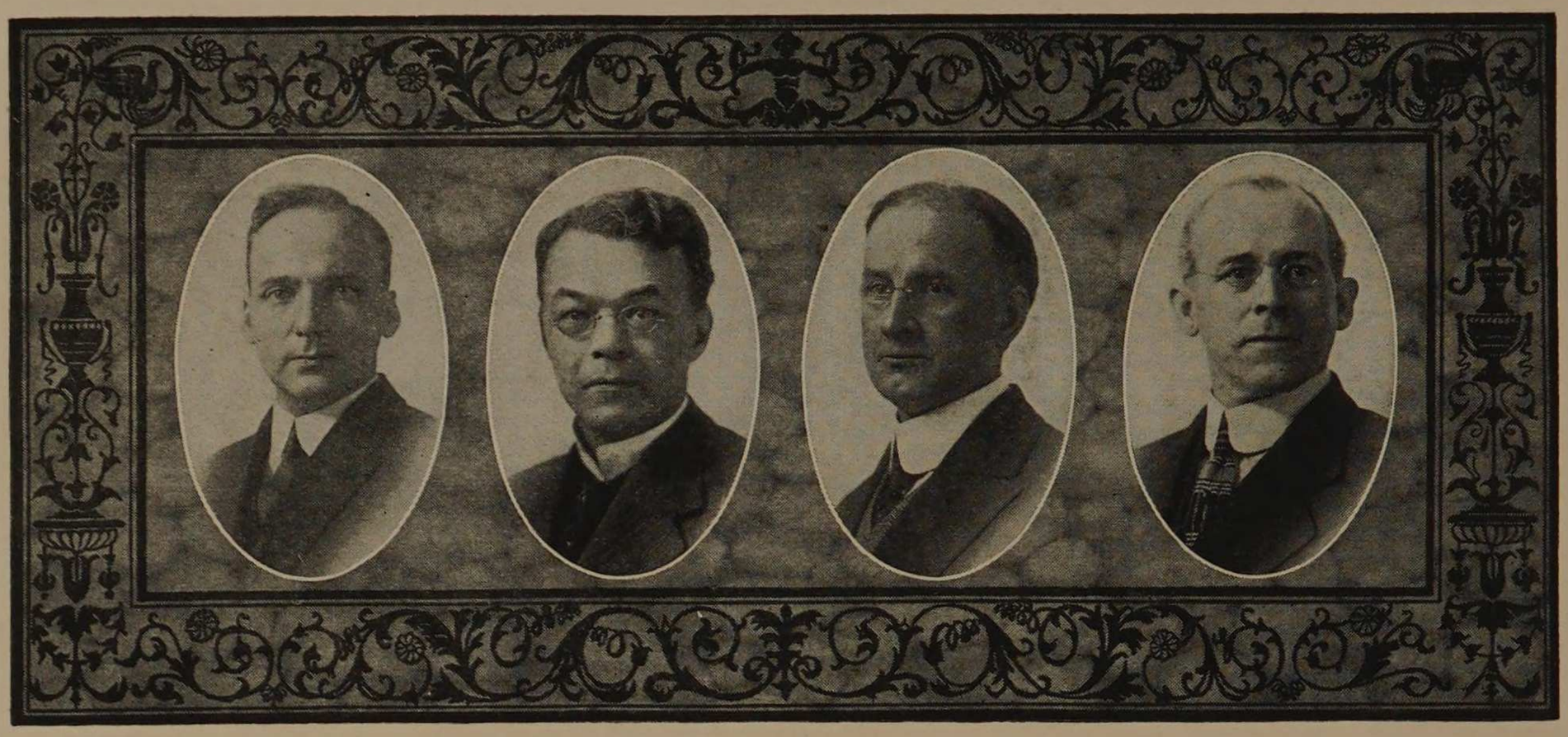

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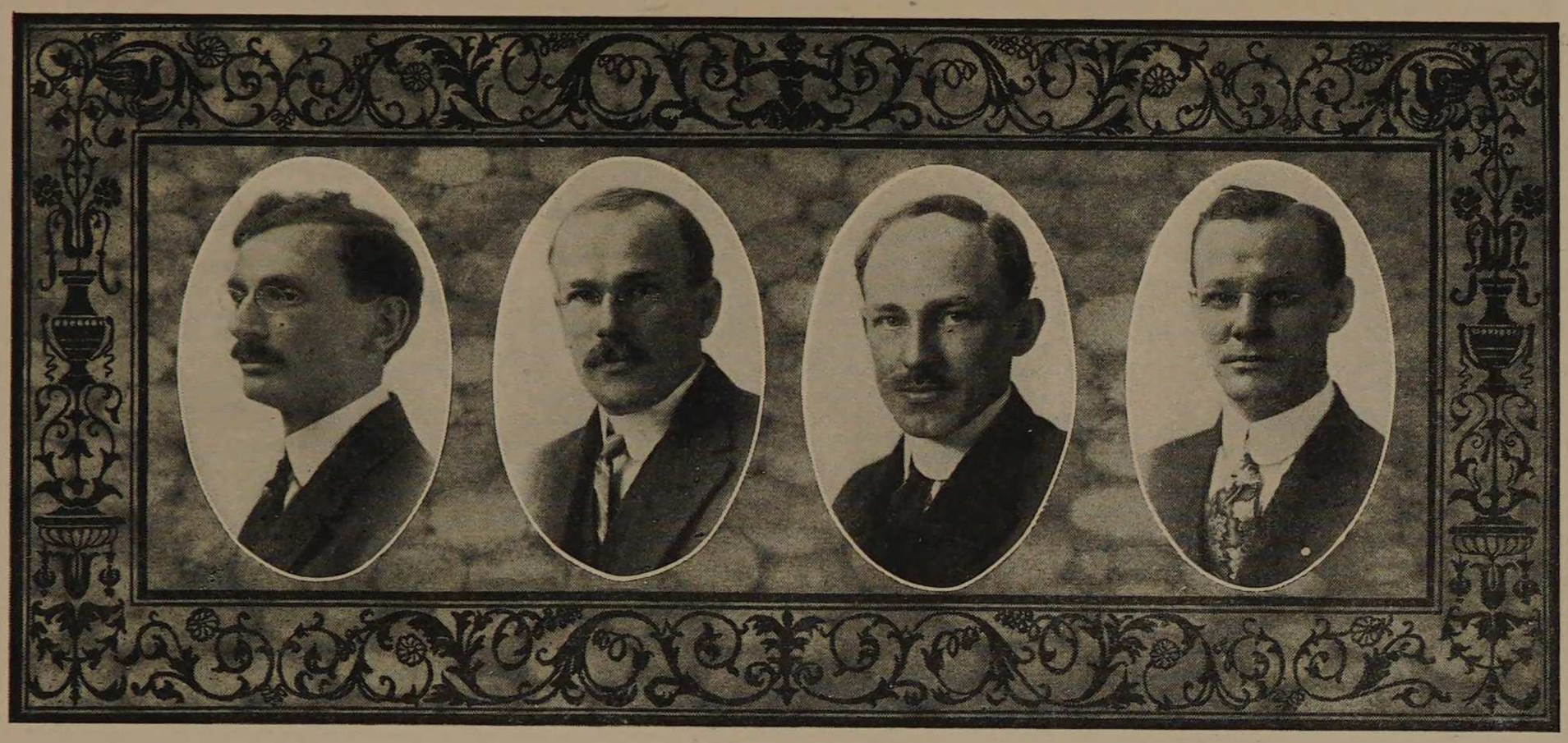

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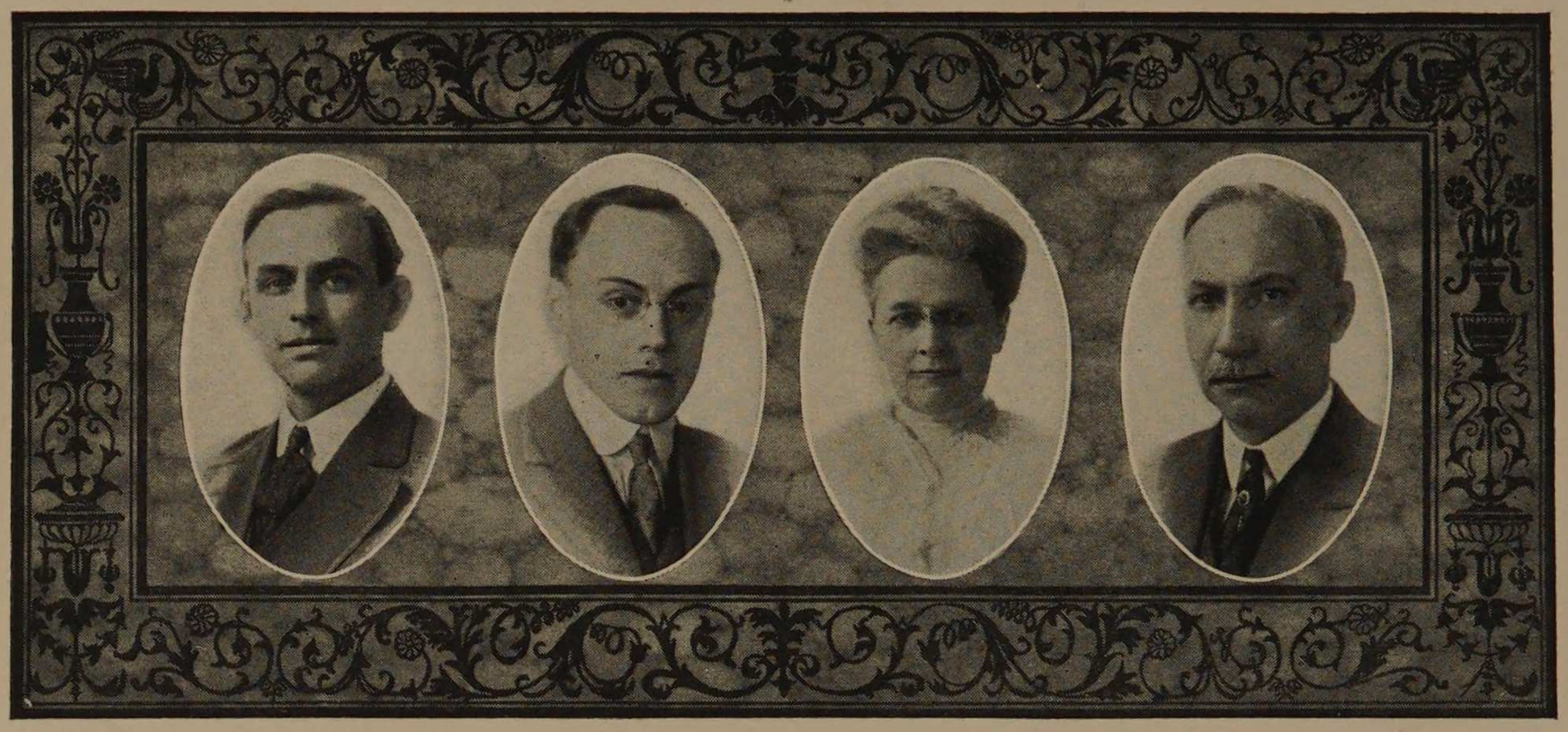

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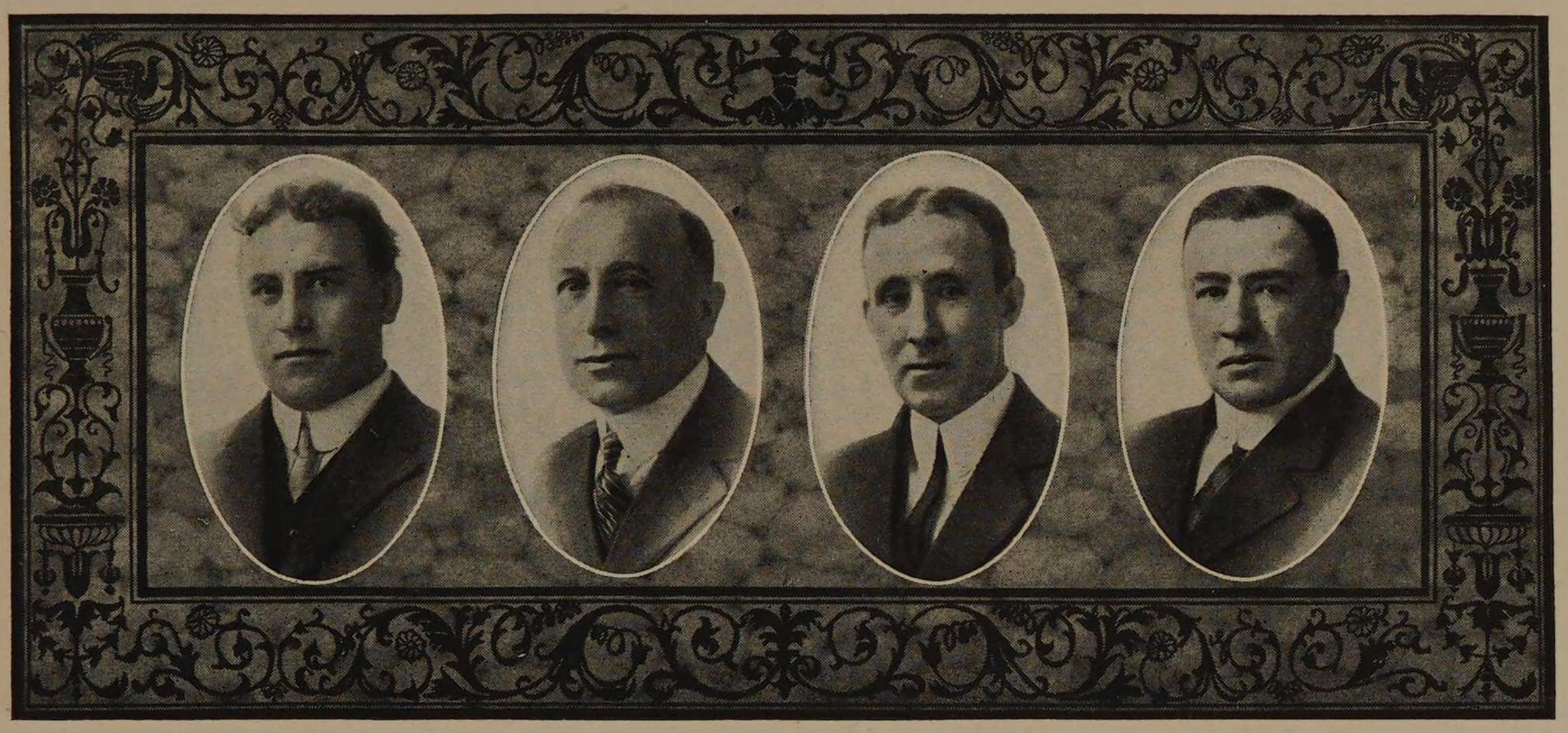

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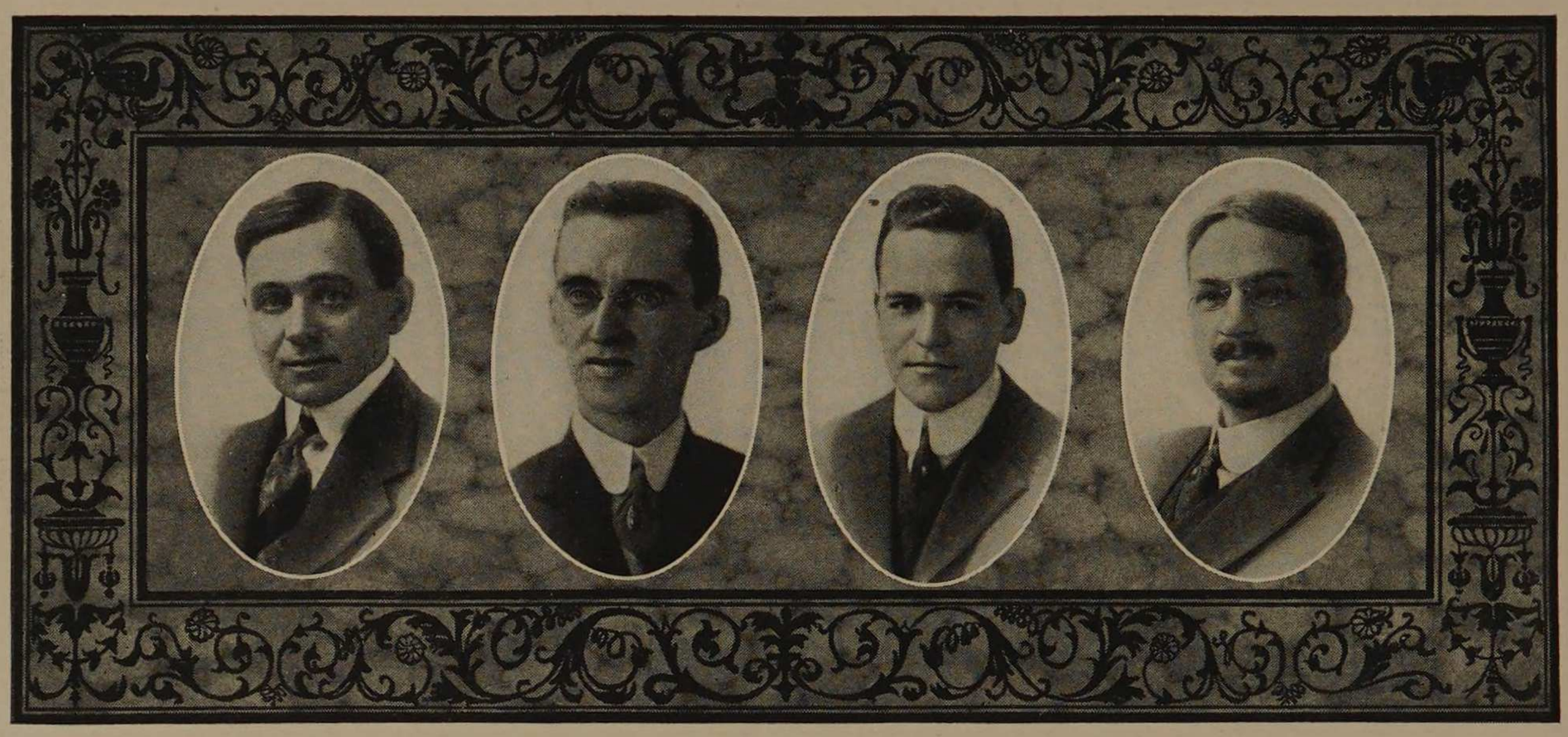

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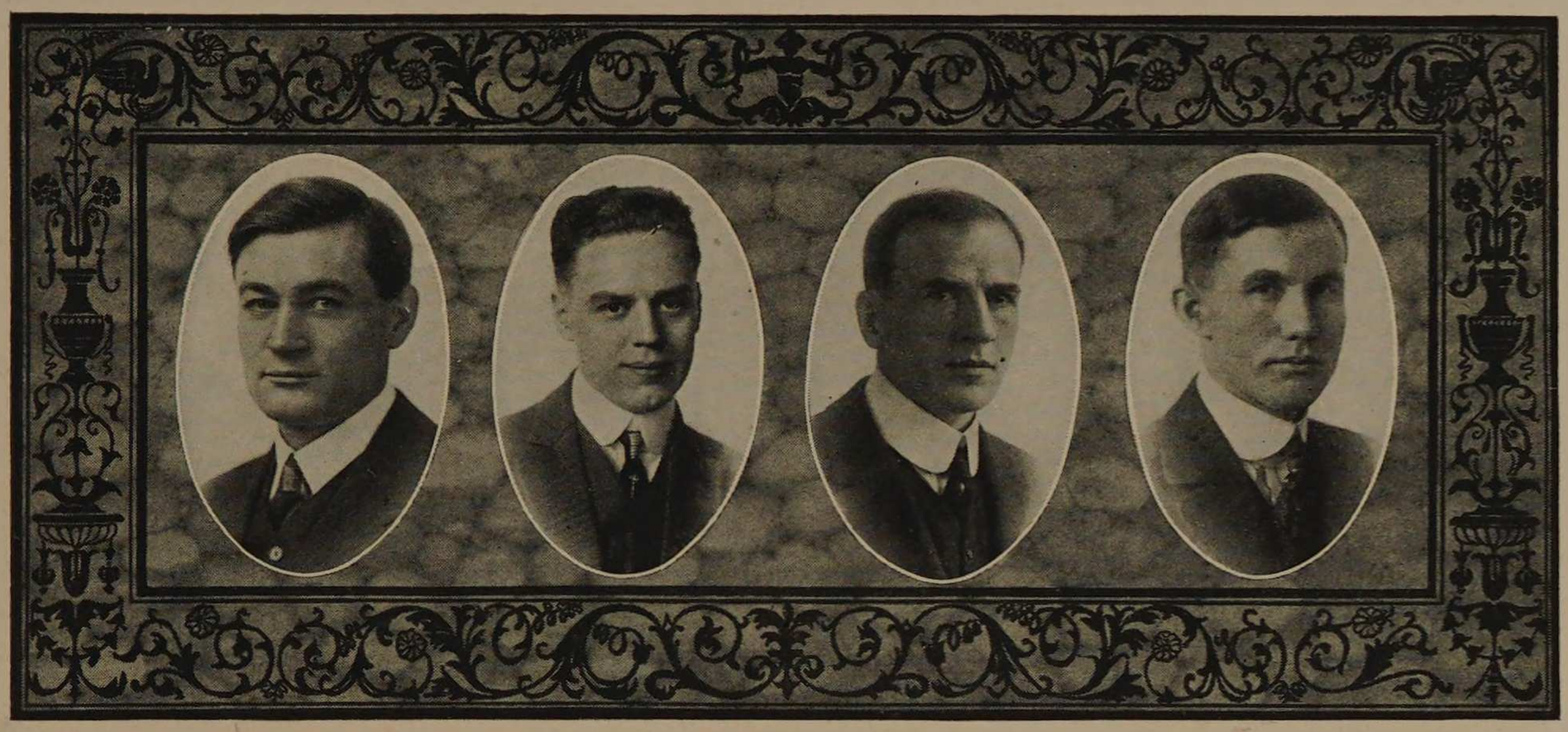
Member of Various Art Societies.
Residence, Park Ridge, Illinois.



JOHN J. SCHOMMER.
Instructor of Industrial Chemistry.
Birthplace, Chicago, Illinois.
S.B., University of Chicago, 1909; S.B., in Chemical Engineering, Armour Institute of Technology, 1912; one year of Research Work in Bacteriology, Yeasts and Moulds, 1910.
Phi Kappa Sigma; Owl and Serpent; University Marshal.
Member of American Chemical Society.
Residence, 4606 North Racine Avenue.

WILLIAM H. LAUTZ, JR.
Instructor in Architecture.
Birthplace, Chicago, Illinois.
B.S., Armour Institute of Technology, 1913.
Tau Beta Pi; Sigma Kappa Delta.
Residence, 7925 S. Green Avenue.

ALBEE LOVEJOY LADD.
Assistant Professor of Mechanics.
Birthplace, Minneapolis, Minnesota.
B.S., University of Michigan, 1908.
Sigma Xi.
Residence, 6024 Woodlawn Avenue.

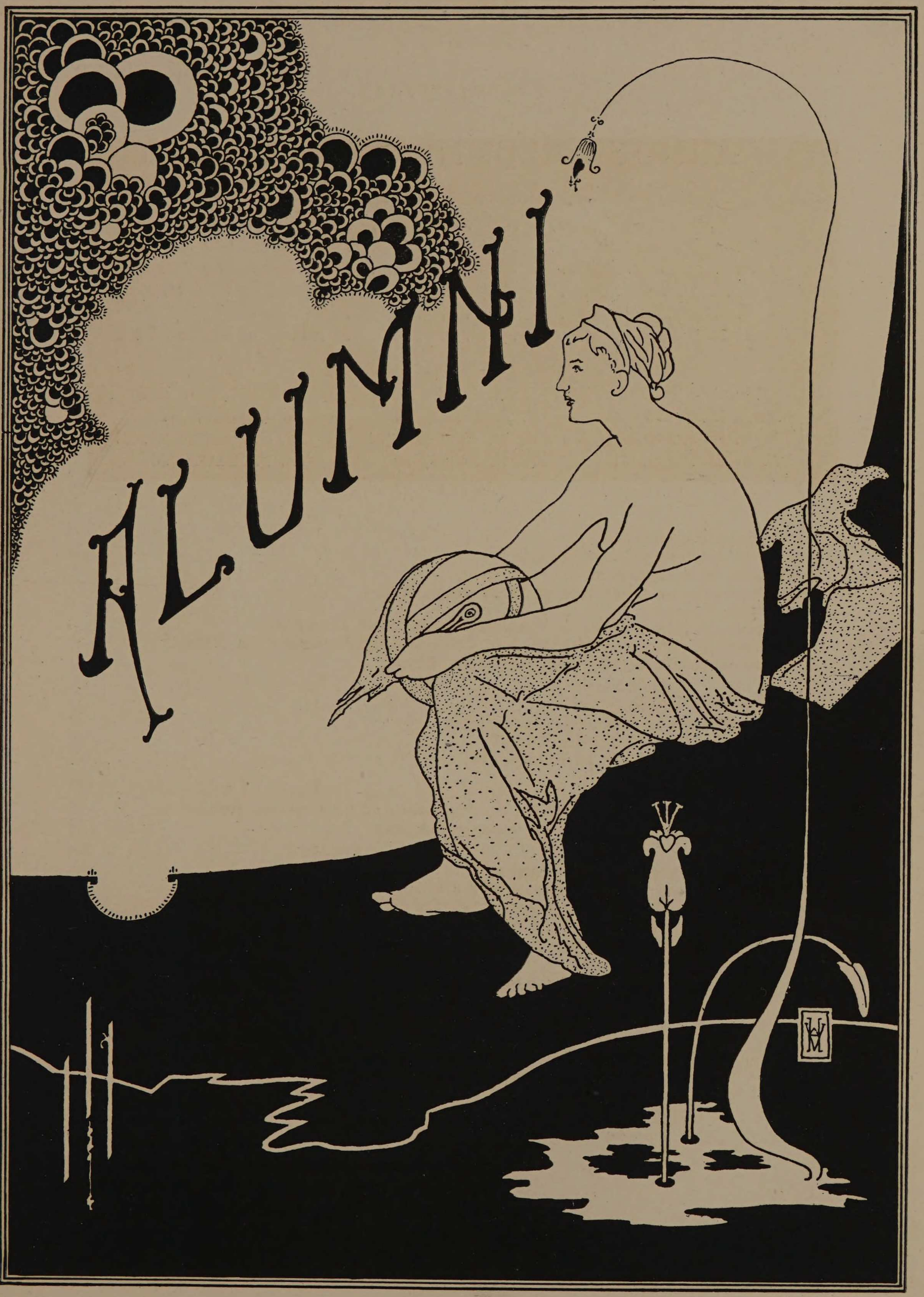
PHILLIP C. HUNTLY
Instructor in Experimental Engineering.
Birthplace, Camdem, Arkansas.
B.S., Arkansas University, 1909.
Sigma Chi; Tau Beta Pi.
Member American Society for Testing Materials;
Member American Concrete Institute.
Residence, 4013 Ellis Avenue.

THOMAS EDDY TALLMADGE.
Lecturer on History of Architecture.
Birthplace, Washington, D. C.
S.B., Massachusetts Institute of Technology, 1898.
Phi Beta Epsilon.
Member of Illinois Chapter American Institute of Architects.
Winner of Traveling Scholarship, Chicago Architectural Club, 1904.
Residence, University Club, Evanston, Illinois.

CHARLES ANSON NASH.
Instructor in Electrical Engineering.
Birthplace, Elizabeth, Illinois.
B.S., University of Illinois, 1909.
Sigma Xi.
Associate Member of American Institute of Electrical Engineers;
Member of Society for the Promotion of Engineering Education.
Residence, 3828 No. Hamilton Avenue.

EDMUND S. CAMPBELL.
Assistant Professor of Architectural Design.
B.S., Massachusetts Institute of Technology, 1906; M.S., 1907.
Assistant Professor of Architecture, Carnegie Institute of Technology.

FRANK HALL CHILDS.
Lecturer on Business Law.
Birthplace, Findley, Ohio.
Columbia University, Union College of Law, Kent Law School; LL.B.
Admitted to the bar in 1884.
Member of the American Bar Association; The Illinois State Bar Association; The Chicago Bar Association.


ALUMIN

ARMOUR ALUMNI ASSOCIATION

OFFICERS 1915-1916

T. A. Banning, Jr., '07	President
W. A. Kellner, '10	Vice-President
Stanley Dean, '06	Corresponding Secretary
E. M. Sincere, '12	Recording Secretary
H. E. Beckman, '09	Treasurer
A. B. Benedict, '04	Master of Ceremonies

BOARD OF MANAGERS

Retiring in 1916	Retiring in 1917	Retiring in 1918
H. A. Durr, '05	F. T. Bangs, '13	L. J. Byrne, '04
E. O. Griffenhagen, '06	H. W. Clausen, '04	F. G. Heuchling, '07
E. A. Lindberg, '01	W. B. Pavey, '99	E. F. Hiller, '06

Founded 1897.

HONORARY MEMBERS

Dr. F. W. Gunsaulus, President, A. I. T.
L. C. Monin, Dean of the Cultural Studies, A. I. T.
H. M. Raymond, Dean of the Engineering Studies, A. I. T.
V. C. Alderson, President of the Colorado School of Mines.
J. E. Snow, Associate Professor of Electrical Engineering, A. I. T.
F. U. Smith, Comptroller of A. I. T.
W. T. McClement, Queen's University, Kingston, Canada.
Bion J. Arnold, Consulting Engineer, Chicago, Ill.
H. F. McCormick, Chicago, Ill.

The year's activities began with the annual spring meeting and reunion, which event, as in the preceding two years, was held at Armour Institute. The date of the meeting was Saturday, afternoon and evening, May 22, 1915. Among the athletic events of the afternoon's entertainment was a baseball game between the Alumni and the "Tech" team, and a tug of war participated in by members of the classes of the even-numbered years against those of the odd-numbered years. The graduates succeeded in breaking the rope, which had a tensile strength of 5,800 pounds, rather a low estimate of the grads' pulling power. A banquet in the gymnasium was attended by over 200 of the Alumni. Dr. Gunsaulus gave the welcoming address, Dean Raymond talked on the high standards at Armour Institute and gave some interesting statistics regarding the graduates. Among the other speakers were F. G. Heuchling, '07, president of the Association, E. O. Griffenhagen, '06, T. A. Banning, Jr., '07, C. A. Knuepfer, '15, and Frederic O. Bemm, official photographer of the Art Institute of Chicago, who gave an illustrated lecture on "Colored Photography." The Armour quartette, led by Prof. W. G. Smith, gave a number of excellent selections, including a new Armour song.

The mid-winter banquet was held at the La Salle Hotel, December 18, 1915. The principal address of the evening was made by Dr. Isham Randolph, consulting engineer, Chicago, Ill., a member of the International Board of Consulting Engineers for the Panama Canal, and chief engineer of the Chicago Sanitary and Ship Canal. His subject, "The Relations of the Engineer to National Preparedness," was timely, and the address was interestingly absorbing. Prof. E. H. Freeman, of the Armour Institute, spoke briefly of the necessity for teaching business methods in connection with

technical training. The regular meeting of the Association followed. The banquet was attended by seventy-six alumni. Following this meeting came the announcement that a number of graduates in Pittsburgh, Pa., have created an organization there, and will hold regular meetings.

During the year a major portion of the preliminary work done by the Alumni Association in preparation for the twenty-fifth anniversary of the founding of Armour Institute of Technology was done. The drafting of the plans has been in the hands of a cumulative committee, now consisting of six members: E. A. Lindberg, '01, chairman, E. O. Griffenhagen, '06, H. W. Clausen, '04, F. G. Heuchling, '7, F. M. DeBeers, '05, and A. L. Alschuler, '99. Three members will be added to the committee during 1916, and three more in 1917, making a committee of twelve to handle the arrangements for the celebration in 1918. That the occasion will be fittingly observed by the faculty and the students, as well as the Alumni, is evidenced by the plans being made and by the support that has been extended.

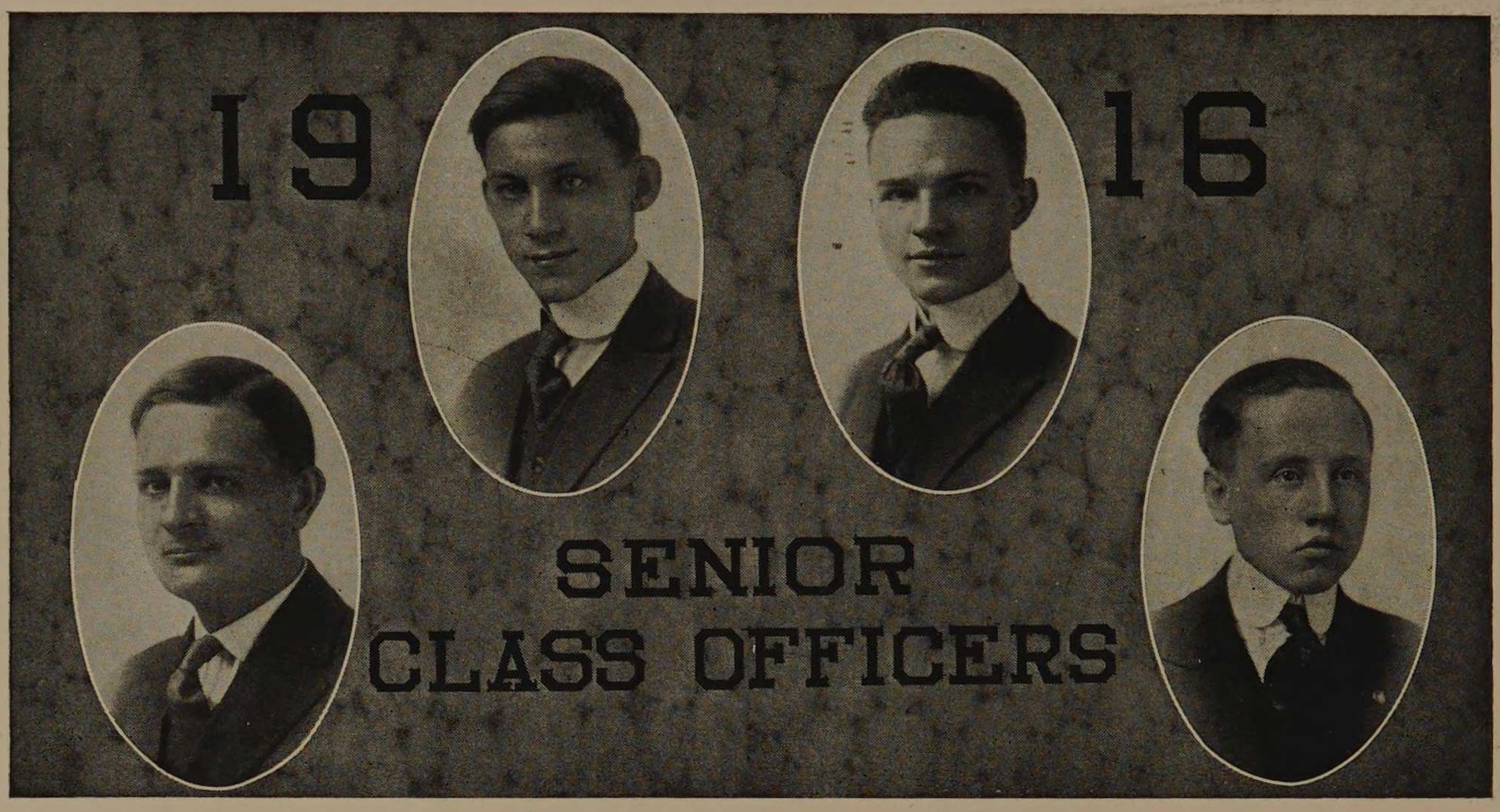
A POSE, A LA "TOM MURRAY—MEET ME FACE TO FACE"

Does this look like a section in the bald-headed row, or a rear elevation of the officers and board of directors of the What-Not Company, in Tumtilla, or that of the Hoop-ma-hoo Alum Associat? Neither, we say. More broad shoulders, brand new hair cuts and carefully tailored clothes, don't indicate a care-worn party of engineers. Not much. Yes, you may have one guess. Right, the first time. How do you do? Same to you. Much obliged. Glad to have met you, and hope to have the pleasure of seeing you again. Come out to one of our meetings.

"Looking Backwards"

C L A S S E S

SENIOR



H. Hemple H. A. Rook J. Byanskas L. A. Peterson

HENRY ARNOLD ROOK

Born December 14, 1894, at Chicago, Illinois.
Calumet High School, 1911.
Phi Kappa Sigma; Tau Beta Pi; A.C.E.S.; Sphinx; Y.M.C.A.; Polemics; Glee Club; Class Basketball, '13-'14-'15-'16; Business Manager 1915 Cycle; President A.C.E.S., '15-'16; Chairman Social Committee Y.M.C.A., '15-'16; President Senior Class.
They say "Hank" got into such an argument with one of his profs during his Freshman year that he had to drop out for a year until the exact words he used had been forgotten. He's deep—Oh, awfully deep.

JOHN MARTIN BYANSKAS

Determination of the Water Rates of Small Engines by Clayton's Method.
Born November 9, 1894, at Chicago, Illinois.
Wendell Phillips High School, 1912.
Omega Lambda; A.S.M.E.; Tau Beta Pi; Glee Club; Class Treasurer, '14-'15; Class Vice-President, '15-'16; A.S.M.E. President, '15-'16.
"Johnny" is well known to all Armour men as a "shark" in his studies and a wonder at the piano. Anyone who has been to the Armour dances this year will vouch for the latter. How he can put so much time to music and still hold such positions as Junior Honor Man and those listed above is a wonder to the most of us. He most surely will make a success in the engineering field.

HENRY W. HEMPLE

Plans, Specifications, and Estimate of Cost of Pavements for Wassel & Bramberg's Austin Subdivision.
Born October 11, 1892, at Grand Rapids, Michigan.
Medill High School, 1910.
Tau Beta Pi; A.C.E.S.; Y.M.C.A.; Class Secretary, '15-'16; Recording Secretary Y.M.C.A. '15; Recording Secretary A.C.E.S. '15-'16.
The class can boast of no better or more conscientious worker. His reliability is shown by the offices he has held.

LEONARD PETERSON

Distribution of Water from Automatic Sprinklers.
Born October 11, 1893 at Chicago, Illinois.
Austin High School, Chicago, Illinois, 1912.
Beta Phi; Tau Beta Pi; A.F.P.E.S.; National Fire Protection Association; Treasurer A.F.P.E.S., '14-'15; President A.F.P.E.S., '15-'16; Class Treasurer, '15-'16; Junior Play, 1915.
"Pete" is a prince of a fellow who is always ready to help the other fellow, even if he has to stay up all night to get his own work. Thank you "Pete."

SENIOR CLASS HISTORY

In a comparatively short time, in fact in much too short a time for some of the hard-worked Seniors who have had a little research work in the Physics laboratory or a little work for Professor Reid which they overlooked in their earlier courses and must now consider, we will put on the mourning clothes, attempt to look dignified and march up to receive the coveted documents. Instead of admitting, as is customary, that we are undoubtedly the best class that was ever enrolled in the Institute, we will tell our little story and let the reader find out that fact himself.

The fact that we were going to be a very active force in the student body was demonstrated beyond all doubt by our first class meeting. The meeting had hardly been opened by the president of the Senior class and the seriousness of the occasion impressed upon us, when twenty men rose simultaneously, each to nominate a different candidate for president, thus demonstrating that we had all the "pep" and interest in the world. After the smoke had cleared away, and the returns announced that our architects had captured every important office by a majority slightly in excess of the total number of voters present, it was also seen that we had distinct ability somewhere in the class in political engineering. The fact that our instructors informed us that we were one of the best classes of students they had had interested us but very slightly, but we were proud of our artists who so brilliantly decorated the neighborhood with our numerals in face of the dire consequences the doctor had predicted. Again our impression of ourselves did not suffer much after being victors in the class rush on Ogden Field after the Freshman Smoker. Victory was judged on the basis of having the fewest casualties when the law intervened. In athletics, our class track and basketball teams carried off second place and the work of Katzinger and Sullivan on the Varsity basketball team gained them permanent positions. Our real success at Freshmen we mention last for emphasis. Our Freshman dance, which was held in the "Louie the Twenty-third" room of the Hotel Sherman, was the most dazzling affair up to that time which Armour men had attempted. No pains or expense was spared to make it in every way a social success. The small debt incurred was entirely paid off before the end of the Sophomore year.

Although on our return the next September, we were considerably reduced in numbers, our knowledge of our increased importance as Sophomores more than counterbalanced any handicap due to that. We came back with our supply of "pep" undiminished and with a desire to show any one in doubt that if there was any difference between our class as Freshmen and as Sophomores that we would be more active as Sophomores. Joe Sullivan was elected our president and he showed equally as much "pep" in conducting our meetings and looking after class affairs as he had shown on the basketball team as a Freshman. Alter deserves credit for performing almost an impossible stunt. Despite the discouragement in a financial way we had received with our Freshman dance, and in spite of the fact that the other classes were losing money on their dances, Alter and his social committee made money for the class when it was our turn to be the hosts. McHugh became managing editor of the Fulcrum and Lawrence Bolte accepted the position of leader of the Mandolin Club, showing that our

lines of activity were broadening while our class basket-ball team and track team brought home the "bacon." Katzinger was secretary for the Athletic Board of Control, while four of the boys, Sullivan, Alter, Katzinger, and Broman won their emblems on the Varsity teams. We closed our activities at a banquet Junior Week, where, over a big "feed" and inspired by what Professor Leigh told us, we planned great activities for the next year.

We came back Juniors, leaving behind us most of the "rah-rah" stuff, and settled down to the duties which the Junior class assumes as the leaders of the social activities under the leadership of C. Arnold Grasse. It is in that year that each class takes charge of Junior Week and is responsible for the success or failure of the Cycle. Joe Sullivan was given the duties of president of the Rooters' Association and first marshal for Junior Week. Victor Marx was our hero this time as second marshal by producing a play on which the class made money enough to clean up all debts, while McHugh, Rook, Armstrong, and the Cycle staff produced the best year book yet issued. Our social committee held up our prestige both with the regular Junior dance as well as with the Prom. The Fulcrum was made a success in its last year only through the ability and work of Bolte. Though our other activities took up relatively more of our time, we did not lose interest in athletics. Again our class basketball and also our baseball team won the championship. Katzinger was captain of the varsity basketball team and Sullivan of the track team, while six of the men won their "A's", Katzinger, Sullivan, Wilcox, Abrams, Broman, and Mouat. Another activity in which many of the boys indulged was the removal of a few of the unnecessary "D's" which did not add to the quality of their records in the Dean's office. Again we closed our activity with a banquet and settled down to come back reserved and dignified Seniors.

For his work as business manager of the Cycle, Henry Rook was honored with the presidency of our class in our last lap, McHugh, Bolte, Katzinger, and Sullivan were appointed on the staff of the Armour Engineer. Managing the Glee and Mandolin Clubs, Bradley Carr, through his untiring efforts, produced the most successful "Home Concert" Armour has ever had. Joe Sullivan was captain of our basketball team, which tied with Lake Forest for the championship, while "Shorty" Mouat was undoubtedly the sensation of the Little Five Conference.

The present center of interest with most of the Seniors is their respective theses in which they hope to leave records behind at Armour that will be a credit to them as their student activities which have been told above, so that in bidding their Alma Mater farewell it may be truly said that they have done well everything which a class as a whole may do.

B.S. in M.E.

BRADLEY SAYRE CARR

A Study of Thermal Conductivity.
Born April 28, 1890, at Chicago, Ill.
Lane Tech., 1909; Chicago Normal College, 1911; Armour Institute of Technology, B.S., 1915.
Sigma Kappa Delta; A.S.M.E.; Sphinx; Y.M.C.A; Tau Beta Pi; Glee and Mandolin Clubs, '15-'16; Manager Glee and Mandolin Clubs, '15-'16; Associate Editor Armour Engineer, '14-'15.
Bradley is characterized by his optimism and wonderful supply of "pep." Although he has only been with us two years, he has been associate editor of the Armour Engineer, and is managing the Glee and Mandolin Clubs this year with more than marked success.

JOHN R. LeVALLY

Relation between Rate of Combustion and Draft Pressure for a Chain Grate Stoker, applied to a 350 Horse-Power Sterling Boiler.
Born July 6, 1892, at Chicago, Ill.
University High School, Chicago, Ill., 1909.
Delta Tau Delta; Tau Beta Pi; Radical X; A.S.M.E.; Glee Club, '13-'14-'15-'16; Leader, '14-'15-'16; Mandolin Club '15-'16; Senior Fulcrum Representative, '14-'15.
John is one of the most popular fellows in Armour, as well as a fine student. He is one of the Regular Armour Men and is a leader in school affairs. He is one of those who have had practical work before entering school, having worked for the Rumeley Company, Wisconsin Steel Company and the Crane Company at various times before and since he entered Armour. We also wish to add that Jack is some ukulele player.

ARTHUR KATZINGER

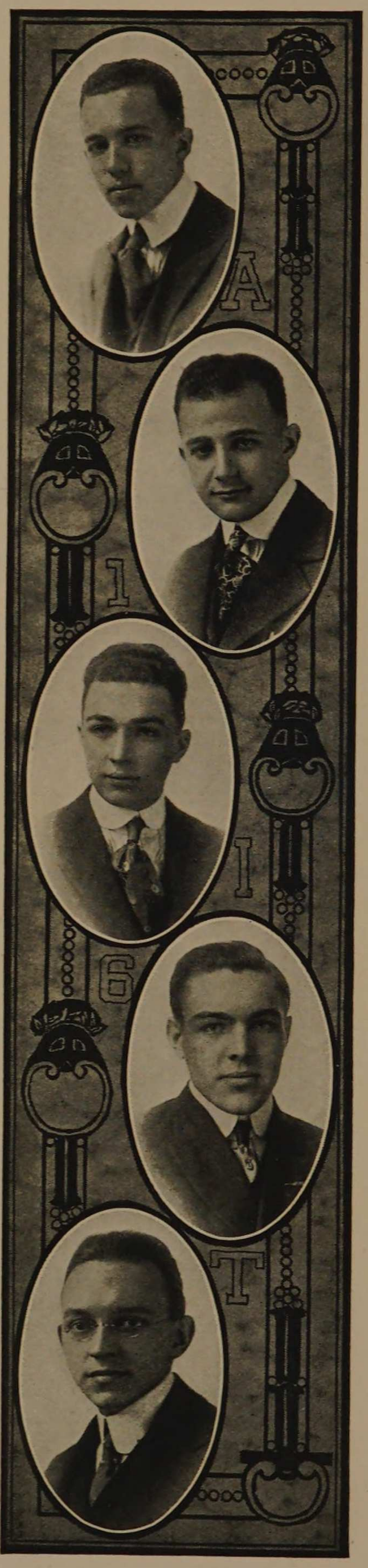
A Study of Anti-Friction Line-Shaft Bearings.
Born October 2, 1894, at Chicago, Ill.
Shattuck School, Faribault, Minn., 1912.
"A" Club; A.S.M.E.; Sphinx; Baseball, '13-'14-'15-'16; Track, '12-'13-'14-'15-'16; Basketball, '12-'13-'14-'15; Captain of Basketball, '14-'15; Captain of Baseball, '16; Class Baseball, '13-'14-'15-'16; Class Track, '13-'14-'15-'16; Class Basketball, '13-'14-'15-'16; Class Vice-President, '14-'15; Vice-President Rooters' Association, '14-'15; Athletic Editor of Fulcrum, '14-'15; Board of Athletic Control, '14-'15; Secretary, 1914; Athletic Editor of Cycle, '14-'15; Business Manager of Armour Engineer, '15-'16.
"Katz" is the Institute's all-around athlete, having been in every sport each of his four years. Athletics, however, is not "Katz's" only source of "A's". For instance, it is on record that he is one of the fortunate few who registered "A" in Mechanics of Engineering.

FREDERIC PAUL STRAUCH

Efficiency and Capacity Tests of Auto-Vacuum Refrigeration.
Born November 30, 1892, at Chicago, Ill.
Lane Technical High School, Chicago, Ill., 1913.
Sigma Kappa Delta; Tau Beta Pi; Sphinx; Radical X; A.S.M.E.; Glee and Mandolin Clubs, '13-'14-'15-'16; Band, '13-'14-'15; Orchestra, '13-'14-'15; Armour Rooters' Association; Advertising Manager The Cycle, '1916; President Armour Rooters' Association, '15-'16; Social Committee, '15-'16; Cap and Gown Committee; Assistant Manager Glee and Mandolin Clubs, '15-'16; Class Cheer Leader, '13-'14-'15; School Cheer Leader, '15.
"Starch" is another "Regular Armour Man," one of the most popular men in the school and also one of the best students. He has made the four-year course in three years, and with high marks. Fred ranks among the best in nearly every side of school life, and has at all times been ready to sacrifice himself for the good of the class. He is always good-natured and pleasant to meet.

HARRY G. MOUAT

Gasoline Characteristics.
Born December 27, 1894, at Chicago, Ill.
Englewood High School, 1912.
"A" Club; A.S.M.E.; Baseball, '14-'15-'16; Basketball, '14-'15-'16; Class Baseball, '14-'14-'15-'16; Class Basketball, '13-'14-'15-'16; Class Track, '13-'14-'15-'16; Representative Rooters' Association, '15-'16.
"Shorty" or "Rabbit" Mouat has been an indispensable asset to the class. Star forward on the Varsity basketball team and permanent captain of the class baseball team, and always full of "pep,' he has ever added something to every activity he has gone into.



B.S. in M.E.

MAURICE L. WILCOX

Gasoline Characteristics.
Born, July 15, 1894, at Faribault, Minn.
Omega Lambda; Tau Beta Pi; A. S. M. E.; "A" Club; Y. M. C. A.; Baseball, '15-16; Basketball, '13-'14-'15; Class Baseball, '13-'14-'15-'16; Class Track, '13-'14-'15-'16; Class Basketball, '13-'14-'15-'16; Golf Championship, '13-'14-'15; Tennis Team, '15; Social Committee, '14-'15; Representative of Rooters' Association.
Everybody likes "Willie" Wilcox. In his quiet way, "Willie" steps with the leaders on the ball field, or on the green, or on the polished floor. He and "Shorty" Mouat are a pair (closer to kings than jacks). He has always made the Profs. believe that he had his lessons; and the fellows know him to be a good fellow. We have no doubt that he will be successful after receiving his B.S. in M.E., as he was before.

ARTHUR S. ALTER

A study of Anti-Friction Line-Shaft Bearings.
Born, February 28, 1893, at Detroit, Mich.
Wendell Phillips High School, Chicago, Ill., 1912.
"A" Club; A.S.M.E.; S.A.E.; Y.M.C.A.; Track, '12-'13-14; Class Track, '13-'14-'15-'16; Captain Track, '15-'16; Captain Class Track, '13-'14-'15-'16; Assistant Business Manager The Cycle, 1915; Athletic Editor Fulcrum, '13-'14; Chairman Social Committee, '13-'14; Secretary and Treasurer "A" Club, '14-'15; Statistician "A" Club, '13-'14; Board of Athletic Control, '15-'16; Rooters' Association Representative, '12-'13-'14.
"Art" has been one of the most consistent promoters of student activities the class has had. His influence was enough to get the boys to pay two bits to see a ball game.

ELLIS SHOPBELL ECHLIN

Characteristics of, and Influence of Environment on a Fan Dynamometer.
Born, March 23, 1894, at Janesville, Wis.
Janesville High School, 1911.
Omega Lambda; Tau Beta Pi; A.S.M.E.; Western Society of Engineers; Radical X; Member Social Committee Senior Year; Chairman Social Committee Junior Year; Secretary A.S.M.E.; Junior Play.
"Eck" is one of the active Mechanicals. In addition to being an excellent policeman in the Junior Play, he has been a faithful member of the Social Committee.

JOHN BROMAN

Broman Steam Separating and Water Circulating Device.
Born, February 27, 1893, at Chicago, Ill.
Englewood High School, 1912.
"A" Club; A.S.M.E.; Baseball, '13-'14; Basketball, '14; Class Baseball, '13-'14-'15-'16; Class Track, '13-'14-'15; Class Basketball, '13-'14-'15-'16; Sergeant-at-Arms, '12-'13.
"Long John," as Broman is universally known around the Institute, is one of the type who does not believe in taking anything too seriously. His easy-going ways have made him many friends.

KONRAD L. OTT

A Study of Motorcycle Engine Characteristics.
Born, July 15, 1893, at Indianapolis, Ind.
Hyde Park High School, 1912.
A.S.M.E.; Fulcrum Representative Junior Class.
Konrad entered Armour with the ambition of taking both the Mechanical and Electrical courses simultaneously. In his Senior year, having to choose between the two, he decided to be a mechanical and experiment on gas engines. As a hard worker and good student Ott is right at the top.

B.S. in M.E.

LINCOLN W. LUCKOW

Determination of the Water Rates of Small Engines by Clayton's Method.
Born January 20, 1894, at Chicago, Ill.
Lake High School, 1912.
Tau Beta Pi; Y.M.C.A.; A.S.M.E.; Beta Phi; Treasurer A.S.M.E., '15-'16.
He was quiet in the first years at school, but sprang into prominence in the last laps of his school career. Lincoln did not believe that a lot of noise was necessary to success. He has shown himself ever a gentleman and a good student.

JAMES V. WILLETT

Characteristics of and Influence of Environment on a Fan Dynamometer.
Born July 25, 1894, at Buffalo, N. Y.
Hyde Park, 1912.
A.S.M.E.
As a thesis partner, James is there. He is a worker and often "bawls" his helper out for not working as hard as he does. He is well liked and we wish him success.

JOSEPH V. MILLER

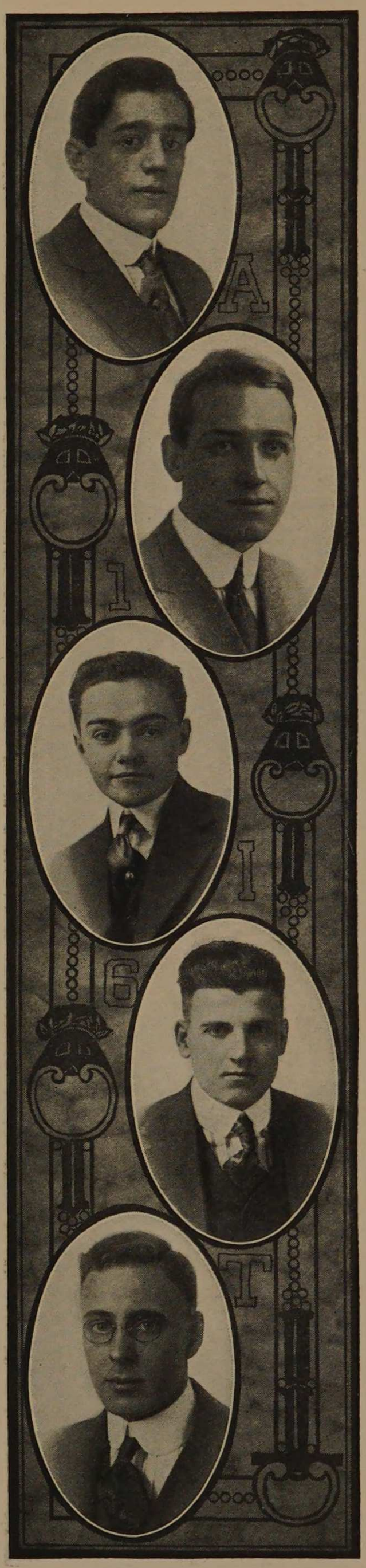
Horse Power Meter for Measuring the Horse Power Delivered at Rear Wheels of Automobiles.
Born July 26, 1892, at Chicago, Ill.
Bowen High School, 1909.
A.S.M.E.; Y.M.C.A.
Miller has had a varied practical experience; three years as postal clerk, one year as rodman. In addition he is one of our most reliable college photographers.

JOHN A. HALLET

Design of a Gas and Oil Engine Testing Laboratory.
Born August 9, 1894, at Evanston, Ill.
Morgan Park High School, 1912.
Y.M.C.A.; A.S.M.E.
Hallet has made two trips a day between Morgan Park and Armour ever since entering Armour. If perseverence is anything, Hallet will be on top some day.

SIDNEY PIMSTEIN

A Study of Motor Cycle Engine Characteristics.
Born April 13, 1895, at Plano, Ill.
McKinley High School, 1912.
A.S.M.E.; Mandolin Club, '13-'14-'15-'16; Band, '13-'14-'15; Junior Play Orchestra, '14-'15-'16; Manager, '15; Wrestling Team, '13.
Pimstein has a mania for working out difficult equations and plotting entropy curves, but this has not kept him from playing first clarinet for four years in the Mandolin Club and boosting Armour activities in general.



B.S. in M.E.

GEORGE N. SIEBENALER

Test of a Rear Wheel Dynamometer.
Born January 16, 1893, at Chicago, Ill.
Lake View High School, 1912.
A.S.M.E.
"Siebe" is classified with those who like to work and see others work. If he does not eventually win out it will not be because of lack of energy.

GUY F. WETZEL

Design, Construction and Test of a Boiler Efficiency Indicator.
Born November 13, 1890, at Chicago, Illinois.
Lane High School, Chicago, '09; Chicago Teachers' College, '11.
Sigma Kappa Delta; A.S.M.E.; Tau Beta Pi; Director Orchestra, '14-'15; Orchestra and Mandolin Club, '15-'16.
Wetzel is one of the few who have obtained practical experience along with the technical education he has secured at Armour. With such an array of fighting material, he is bound to succeed.

WILBUR H. ARMACOST

Efficiency and Capacity Tests of Auto-Vacuum Refrigeration.
Born August 6, 1893, at Green Valley, Ill.
Delavan High School, 1912.
Sigma Kappa Delta; A.S.M.E.; Y.M.C.A.
"Army" is one of the tribe of mechanicals which make the Senior drafting room impossible for ordinary people to work in about two days a week. However, it does not keep him from being right up in everything in the department. As he is a faithful supporter of all Armour activities, we will have to excuse all the little shortcomings.

B.S. in E.E.

HENRY BLAND

Design of a 5,000 K.W. Isolated Plant to be More Economical than Central Station Service for a Proposed New York Harbor Manufacturing Concern.
Born October 5, 1894, at Chicago, Ill.
Englewood High School, 1912.
Delta Tau Delta; Tau Beta Pi; Eta Kappa Nu; A.I.E.E.; Chairman Membership Committee; Fulcrum Representative, '14-'15; Cycle Representative, '15-'16; Commencement Program Committee.
While writing the other Seniors' "In Memoriam," Bland asked Ye-Ed-in-Chief to compose his, but to be conservative so the boys wouldn't think he wrote it also. Nevertheless, we will say that his record as a student, and his ability to make friends would be a discredit to no Senior.

CHESTER F. WRIGHT

Indirect Illumination with Nitrogen Filled Lamps.
Born July 21, 1892, at Waterloo, Iowa.
Armour Scientific Academy, 1911.
Sigma Kappa Delta; Eta Kappa Nu; Sphinx Club; Y.M.C.A.; A.I.E.E.; Secretary, A.I.E.E., '14-'15; Cycle Staff, 1915.
"Ches" is one of the few who have come up from the Armour Academy. Although busy with his studies, he has taken his share in Armour affairs. He is a man worth knowing, and one who will always "lend a hand."

B.S. in E.E.

JOHN W. BARING

Design of an Isolated Power Plant.
Born March 28, 1895, at Chicago, Ill.
Lane Technical High School, Chicago, Ill.
Beta Phi; A.I.E.E.
Sickness has offered a serious handicap to John in his race for a diploma, yet, knowing him, we will expect to find him among those who graduate next May. John's quietness is misleading, according to Alender.

CARL ODENWALD HAASE

Electrification of the Chicago-St. Louis Branch of the I.C.R.R.
Born July 17, 1890, at Chicago, Ill.
Oberreal Schools at Freiberg-B, Germany, July, 1910.
Omega Lambda; Tau Beta Pi; Eta Kappa Nu; A.I.E.E.; Y.M.C.A.
Few men in the Institute have had a chance to take as broad a view of the world as Haase has. Born in Chicago, educated in Germany, and after some practical experience finishing a Technical course here, Haase has no double at Armour. He has shown himself a thorough gentleman and a good student, thus gaining the respect of the class.

LEROY J. ENZLER

The "Heat Resistance" of Inner Arc-Lamp Globes.
Born November 1, 1895, at Dubuque, Iowa.
St. Mary's High School, 1912.
Sigma Kappa Delta; Eta Kappa Nu; Radical X; A.I.E.E.; Class Baseball; Class Track; Secretary and Treasurer Eta Kappa Nu.
"Yutch" is another one who will be missed at Armour; he's been here four years, and has worn his smile every day.

HARRY S. KATZ

Design of 5000 K.W. Isolated Power Plant.
Born November 22, 1893, at Chicago, Ill.
McKinley High School, 1912.
Eta Kappa Nu; A.I.E.E.; Y.M.C.A.; Treasurer A.I.E.E.; The Ohr.
When somebody does not understand a problem, he looks for Katz and never finds him too busy to help him, and furthermore seldom unable to straighten them out. Needless to say, Harry has more friends than any one among the electricals.

SAMUEL N. ABRAMS

Design of a 5000 K.W. Plant to be More Economical.
Born November 27, 1893, at Chicago, Ill.
McKinley High School, 1912.
Ohr; "A" Club; A.I.E.E.; Y.M.C.A.; Social Committee, '15-'16; Basketball, '13-'14-'15; Tennis, '13-'14-'15; Captain, '15; Inter-class Basketball, '12-'13-'14; Inter-class Baseball, '13-'14-'15-'16; Winner Tech. Tennis Tourney, '14; Runner-up, '15.
"Smithie," as he is known, is Armour's shark tennis player. In addition to assisting in the office he has found time to play on the "Tech." basketball squad.

B.S. in E.E.

WALTER A. ALENDER

Design of an Isolated Power Plant.
Born November 24, 1894, at Chicago, Ill.
Lake View High School, Chicago, Ill., June 20, 1912.
"A" Club; Eta Kappa Nu; A.I.E.E.; Baseball, '15-'16; Class Baseball, '14-'15-'16.
Alender is one of the Armour men who has combined scholarship and athletics successfully.

JAMES FRANCIS HILLOCK

Design of an Isolated Power Plant.
Born March 29, 1892, at Chicago, Ill.
Crane Tech. High School, 1910.
Beta Phi; Eta Kappa Nu; A.I.E.E.; Y.M.C.A.; Glee Club; Track, '12-'13; Class Secretary, '14-'15; Secretary A.I.E.E., '15-'16; Freshman Smoker Representative, '13-'14-'15-'16.
"Jimmie" has been our perpetual Freshman Smoker Representative. He has not confined all his activities to that, as is shown above.

HYMEN MORTON SHAPIRO

Proposed Danville-Terre Haute Interurban Railway.
Born March 1, 1891, at Peoria, Ill.
Medill High School, Chicago, 1907; Lewis Institute, Chicago, 1912.
Beta Phi; A.I.E.E.; Chairman Industrial Power Committee A.I.E.E.
"Shap's" scholarship average is one of the best in Armour, but contrary to the popular version of a shark, he is not a grind, but a good fellow. We expect a great deal from Shapiro in the Electrical Engineering field.

WILLIAM WOLFSON

Tests of the Mechanical Rectifier.
Born February 2, 1893, at Chicago, Ill.
A.I.E.E.; Inter-class Track; Inter-class Baseball; Inter-class Indoor Baseball.
Wolfson has never had the weakness of taking anything too seriously. His unlimited good humor has friends of all the class.

ARTHUR ADOLPH OSWALD.

Proposed Danville-Terre Haute Interurban Railway.
Born March 2, 1891, at Lake Linden, Mich.
Great Falls High School, 1911.
Eta Kappa Nu; Tau Beta Pi; Beta Phi; A.I.E.E.; Y.M.C.A.; Chairman A.I.E.E., '14-'15; Junior Play.
Art is the shark of the electrical department. He has more "pep" than most of us in spite of the fact that he is working nights to make expenses.

B.S. in E.E.

BERNARD M. SMITH

Test of a New Mechanical Arc Rectifier.
Born April 15, 1891, at Zedik, Russia.
Valporaiso University, 1912.
A.I.E.E.

Few men who have attended the Institute have had as varied and interesting experiences as Smith in his wandering in Europe and America. He is one of those who has worked his way through Armour.

B.S. in C.E.

JOSEPH E. SULLIVAN

Design and Test of Solid Aeroplane Wire Connection.
Born September 13, 1894, at Chicago, Ill.
St. Ignatious Academy, Chicago, 1912.
Delta Tau Delta; Radical X; A.C.E.S.; Sphinx; "A" Club; Basketball, '13-'14-'15-'16; Track, '13-'14-'15-'16; Class Baseball, '12-'13-'14; Class Basketball, '12-'13-'14-'15; Class Track, '12-'13-'14-'15-'16; Captain Track, '14-'15; Captain Basketball, '15-'16; Captain Class Basketball for three years; President of Class, '13-'14; President Rooters' Association, '14-15; President of "A" Club; Social Committee, '12-'13; First Marshal Junior Week, 1915; Assistant Business Manager of Armour Engineer, '15-'16.
"Joe" said to us: "The less said about me the better. See?" We shall be brief but right to the point: When Joe goes into anything he fights for it with a tenacity that always wins. Consequently the whole student body has profited by his work.

LAWRENCE JOHN McHUGH

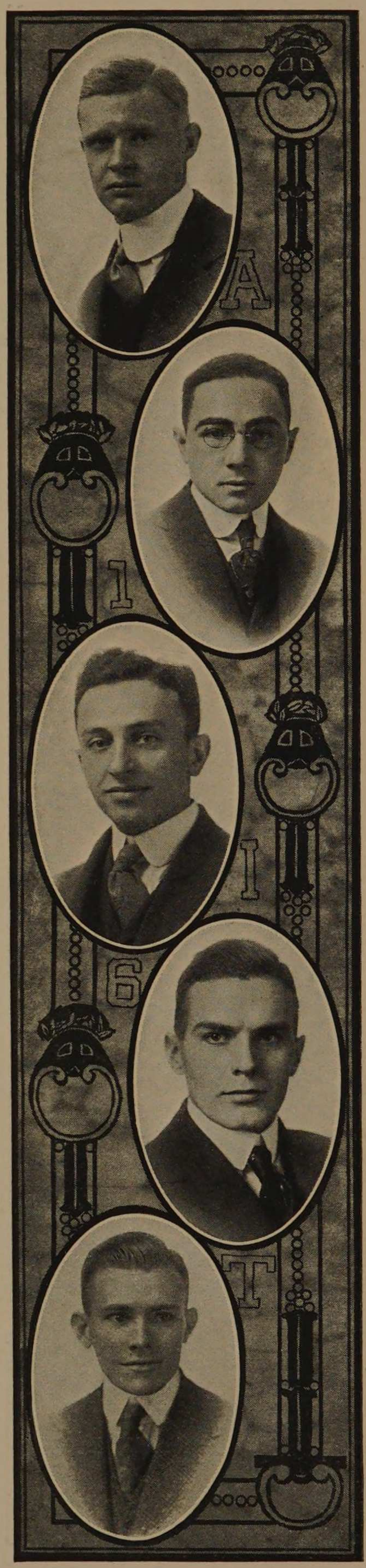
Foundation Practice and Foundation Soils in Chicago.
Born November 7, 1894, at Chicago, Ill.
Omega Lambda; A.C.E.S.; Radical X; Sphinx; Fulcrum Representative, '12-'13; Class Baseball, '12-'15; Class Vice-President, '13-'14; Managing Editor Fulcrum, '13-'14; Editor-in-Chief The Cycle, 1915; Vice-President A.C.E.S., '15-'16; President The Sphinx, '15-'16; Editor-in-Chief the Armour Engineer, '15-'16; Senior Picture Committee.
Mac's activities show him to have been one of the liveliest members of class. Add to this the fact that he is a good student and you have a record all may envy.

FRED C. ARMSTRONG

Design of a Hollow Dam and Hydro-Electric Plant at French's Mills, New York.
Born June 18, 1892, at Burlington, New Jersey.
Hyde Park High School, 1911.
Sigma Kappa Delta; Tau Beta Pi; A.C.E.S.; Y.M.C.A.; Sphinx; Cycle Staff, 1915; Treasurer A.C.E.S.; President Y.M.C.A.; Managing Editor Cycle, 1915.
Fred is a man who has proven himself to be a consistent worker, and at the class. Add to this the fact that he is a good student and you have a as well as to work, and we have no doubt as to the future which lies before him. He has two sidelines: one is the opera and the other we'll leave you to guess. He goes to see both with exact regularity.

LAWRENCE L. EDLUND

Design of a Hollow Dam and Hydro-Electric Plant at French's Mills, New York.
Born August 21, 1891, at Chicago, Ill.
Armour Scientific Academy, 1910.
Sigma Kappa Delta; Eta Kappa Nu; A.I.E.E.; A.C.E.S.; Y.M.C.A.; Glee Club; Rooters' Asosciation; General Secretary Y.M.C.A., '14-'16; Junior Class Play.
Everyone at Armour knows "Doc," and what is more, likes him. His main activity has been in the Y. M. C. A., as is shown by his being the general secretary, but he has found time for other things as well. Keep it up, "Doc," and some day we'll be saying, 'Oh, yes, I used to know him when he went to Armour."



B.S. in C.E.

ROBERT L. ADAMS

Water Works and Sewer Design.
Born November 6, 1892, at Toronto, Canada.
Truro High School; Dalhausie University, Halifax.
Omega Lambda; Tau Beta Pi; A.S.C.E. Corresponding Secretary '15-'16.
Adams says that before long he is going to become a "Bloomin' " Yankee, without any hyphen. "Prexy" Wilson should hear what two years at Armour does for a man.

SAMUEL E. SOSNA

Design of Sewerage System for Huntley, Montana.
Born December 22, 1893, at Odessa, Russia.
Association Institute, 1912.
The Ohr; Assitant Editor Cycle, 1915; Social Committee, 1915; Y.M.C.A., '13-'14; Mandolin and Glee Club, '12-'14-'16; Junior Play, '16.
Sosna is one of the "twins," as he and Sostheim are known, because they are never very far apart. Sam is very modest in discussing himself, and being a good student, he cannot help making good.

BEENO B. SOSTHEIM

Design of Sewerage System for Huntley, Montana.
Born June 19, 1893, at Chicago, Ill.
Lake High School, 1912.
Tau Beta Pi; The Ohr; Junior Play.
Sostheim is not effeminate, but he made an excellent wife in "The Jonah," the Junior play. It is Sostheim's quiet ways as well as his ability that has won him the respect of the civil department.

HERMAN N. SIMPSON

A Proposed Hydro-Electrical Development on the West Branch of the Penobscot River, Maine.
Born January 11, 1895, at Galva, Ill.
Bowen and Englewood High Schools, 1912.
Glee Club; Mandolin Club, '12-'16; A.I.E.E.; A.C.E.S.; Y.M.C.A.
Herman not only has worked for his tuition, but has found time for the Glee and Mondolin Club all of his four years.

OMAR GRANT O'GRADY

Design of a Hollow Dam and Hydro-Electric Plant at French's Mills, New York.
Born February 18, 1894, at Natal, Brazil.
Atheneu Rio-Grandense, 1911.
Sigma Kappa Delta; A.I.E.E.; A.C.E.S.; Y.M.C.A.
"Fatima" came a long way to find a good engineering school. He is a true Armour booster. His happy smile and generous disposition has won him many friends.

B.S. in C.E.

ALFRED C. WERMUTH

Design of Water and Sewage Lines for West Ashville, N. C.
Born at Fort Wayne, Ind.
Fort Wayne High School, 1912.
Omega Lambda; A.C.E.S.; Representative Board of Control A.C.E.S.; Y.M.C.A.
Wermuth has the distinction of being the only "papa" in the class, at least as far as our record shows.

EDGAR A. FOY

Plans, Sepcifications and Cost Estimate of Four Miles of Pavement in Wassel and Bramberg's Austin Subdivision.
Born June 6, 1892, at Chicago, Ill.
South Dakota School of Mines, Preparatory Department, Rapid City, South Dakota, 1910.
Armour Y.M.C.A.; Armour Civil Engineering Society.
"Eddie" has won many friends by his willingness to lend a helping hand wherever needed. He is good-natured, level-headed, has a keen sense of humor, and has enlivened many occasions with his ready wit.

EUGENE E. ALTMAN

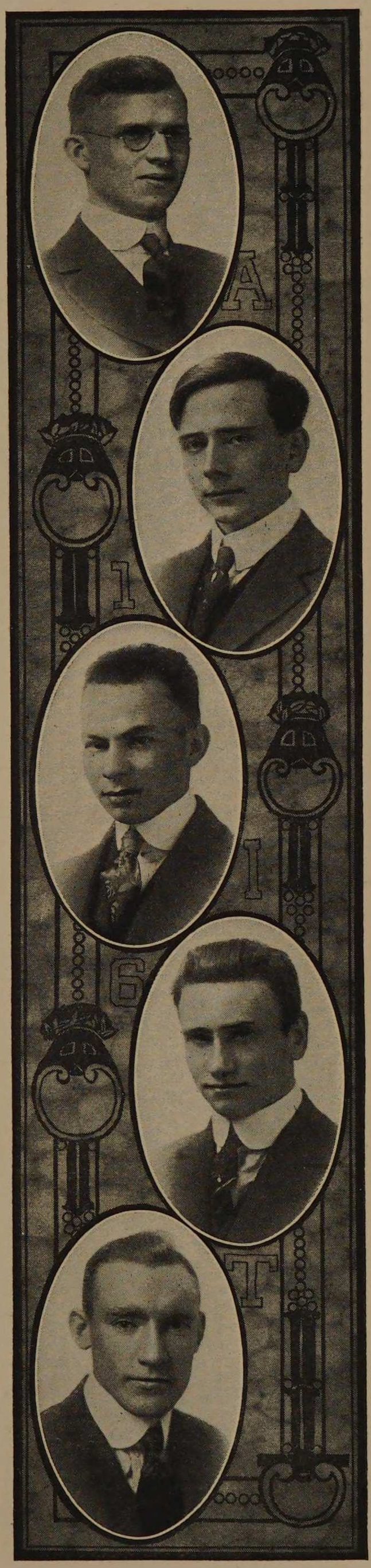
Mortar Making Qualities of Various Grades of Sand.
Born December 23, 1892, at Cincinnati, Ohio.
Armour Scientific Academy, 1910.
A.C.E.S.
Altman has been pretty faithful in sticking to the Institute and the civil department, but having completed Mr. Childs' course in Business Law, has decided to graduate with the present class.

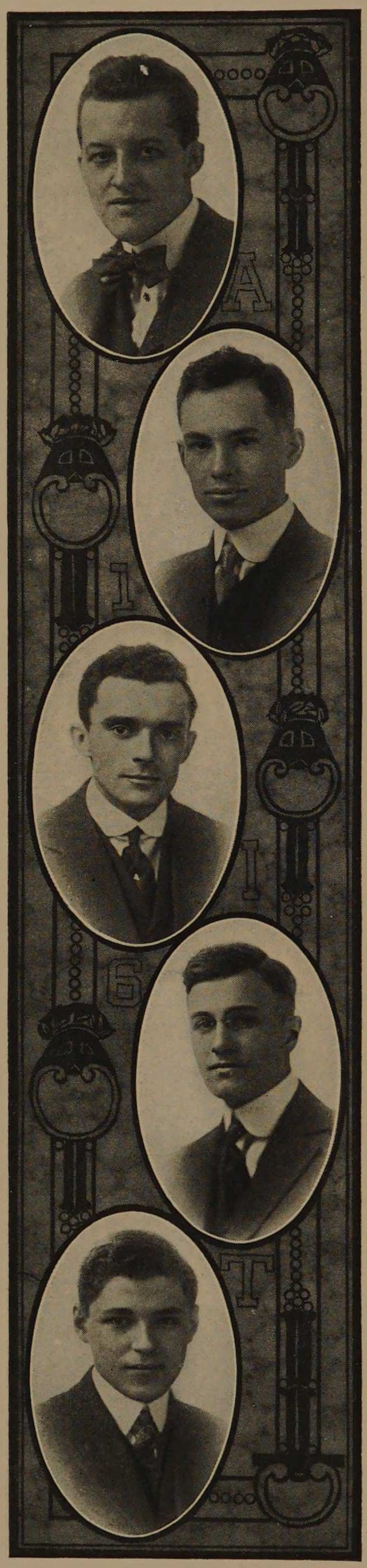
RALPH E. BROWER

Plans, Specifications, and Estimate of Cost for the Pavements of the Wassel and Bramberg's Austin Subdivision.
Born February 7, 1895, at Chicago, Ill.
Lane Tech., 1912.
A.C.E.S.; Y.M.C.A.
The Senior class is fortunate in having Ralph, who smiles throughout all the trials and tribulations of life. Furthermore, Ralph has the true "Armour Spirit," which should give him a successful career.

J. G. COONEY

Proposed Hydro-Electric Development on the West Branch of the Penobscot River, Maine.
Born August 6, 1893, at Chicago, Ill.
Hyde Park High School, Chicago, Ill., 1912.
A.I.E.E.; A.C.E.S.
Cooney cut out for himself the stiffest course in the school, as we think, and has gone ahead without any noise and bluster, to do it well. Such a fellow is always liked by the "boys."





B.S. in C.E.

HERBERT W. HAHN

Design and Tests of Solid Aeroplane Wire Connections.
Born October 8, 1891, at Clinton, Iowa.
Lake View High School, 1912.
A.C.E.S.; Y.M.C.A.
If you suddenly develop a desire for a monkey wrench or chisel during class, just ask Hahn; he can always supply you. His hobby is to never be without his complete machine shop.

RAYMOND W. KINNALLY

Proposed Hydro-Electric Development of the West Branch of the Penobscot River, Maine.
Born November 12, 1891, at Aurora, Ill.
East Aurora High School, 1909.
A.I.E.E.; A.C.E.S.
Ray also picked the course with lots of work; and in addition journeys from and to Aurora daily. Outside of this and getting his daily work, Ray has nothing much to do.

CHARLES J. KUCERA, JR.

Proposed Hydro-Electric Development on the West Branch of the Penobscot River, Maine.
Born July 28, 1893, at Chicago, Ill.
Marshall High School, Chicago, Ill., 1911.
Beta Phi; A.I.E.E.; A.C.E.S.; Vice-President Y.M.C.A.
Charlie has a fondness for failing to make even his 10:30 classes. We strongly suspect that the fascinating game of "500" might account for this. For all of this, we expect a great deal from Charley when it comes to harnessing the waterfalls for profit.

B.S. in Ch.E.

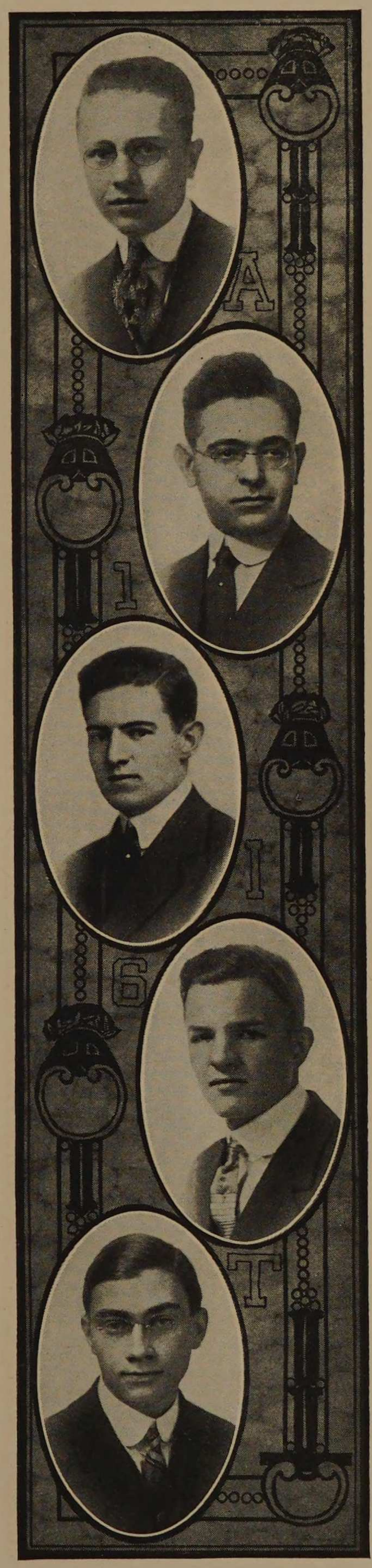
CHARLES LAWRENCE BOLTE

The Distillation of Coal at Low Temperatures.
Born May 8, 1895, at Chicago, Ill.
University High School, Chicago, Ill., 1912.
Phi Kappa Sigma; Radical X; Sphinx; A.Ch.E.S.; Y.M.C.A.; Mandolin Club, '13-'14-'15-'16; Glee Club, '14-'16; Junior Play, '15; President Radical X, '16; Leader Mandolin Club, '14-'15-'16; Editor-in-Chief The Fulcrum, '14-'15; Social Editor The Cycle, '15; Managing Editor Armour Engineer, '15-'16; Social Committee, '14; Senior Picture Committee.
Lawrence has the distinction of being the last Editor-in-Chief of the late Fulcrum. In addition, he has lead the Mandolin Club for the last three years.

VICTOR E. MARX

By-Products from Wool Washing.
Born December 18, 1893, at Chicago, Ill.
North Division High School, Chicago, Ill., 1911.
A.Ch.E.S.; Polemics; Fulcrum Staff, '15; Chairman Social Committee, '15-'16; Second Marshal Junior Week, '15; Junior Play, '15; Vice-President Polemics, '15; Junior Play Orchestra, '15.
The Belasco of Armour. "Vic" started with '15, but stayed out one year to work; '15's loss is '16's gain. Always smiling and a friend to everybody, the sure signs of success.

B.S. in Ch.E.



RICHARD FULLER DURANT

The Distillation of Coal at Low Temperatures.
Born January 2, 1894, at Quincy, Ill.
Quincy High School, 1912.
Phi Kappa Sigma; Radical X; A.Ch.E.S.; Editor Engineer's Column of Fulcrum; Chairman of Commencement Program Committee.
"Dick" is one of the best "fussers" in the class. His latest occupation is seeing that the class has enough commencement programs.

GEORGE B. PERLSTEIN

The Production of Soluble Potash from Igneous Rock.
Born February 27, 1894, at Chicago, Ill.
North Division High School, Chicago, Ill., 1912.
Beta Phi; A.Ch.E.S.; Social Committee, '12-'13; Junior Play Orchestra, '15-'16; Vice-President, A.Ch.E.S., '15; President A.Ch.E.S., '16.
George, aside from being a good student, has been at the base of a good many affairs at Armour; and he backed up nearly all undertakings of the student body. As president of the A.Ch.E.S., he has had one of the best administrations in the history of the society. A violinist of no mean ability, and always ready to help.

GERALD T. DOUGHERTY

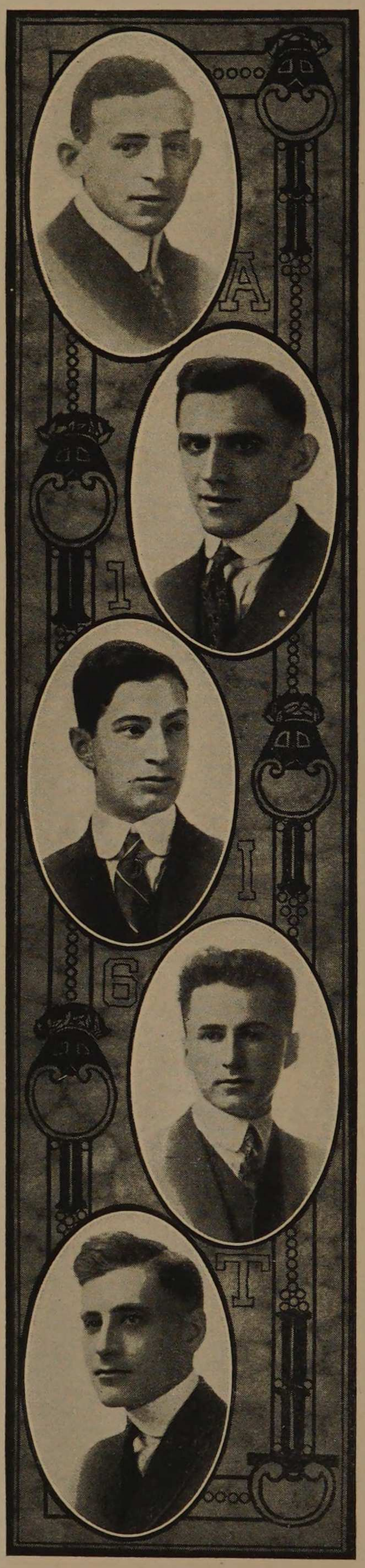
Born March 7, 1893, at Springfield, Ohio.
Hyde Park High School, 1910.
Sigma Kappa Delta; Glee Club; Mandolin Club; A.Ch.E.S.; Y.M.C.A.; Radical X; Fulcrum Representative, '14-'15.
Dougherty's ability at the piano and his congenial personality has made him one of the well thought of men of his class.

HENRY B. WILKENS

Extraction of Potassium from Igneous Rocks.
Born August 30, 1894, at Chicago, Ill.
Crane Tech., Chicago, Ill., 1911.
Beta Phi; Y.M.C.A.; A.Ch.E.S.
The "Chem" lab will seem somewhat gloomy next year when "Hank's" smiling face is seen no more. However, we console ourselves on the fact that a bright future awaits "Hank" in the field of Chemistry, and that his genial smile will encourage others.

WILLIAM C. LUCKOW

Drip Oil Distillates, Boiling Point Above 110° Centigrade.
Born August 29, 1894, at Chicago, Ill.
Wendell Phillips High School, Chicago, Ill., 1912.
A.Ch.E.S.; Y.M.C.A.
"Bill" is one of those quiet individuals, who have developed in them, to a high degree, the equality of perseverence, and seemingly, with the additional capability to work most effectively under the stress of accumulating and discouraging difficulties. Invariably the first to appear for work, with the inclination to prosecute an issue to its most rigorous details, and to co-operate at length, are some of the characteristics which have made his fellow chemicals consider him an asset in group work.



B.S. in Ch.E.

SAMUEL BUTTERMAN

By-Products from Wool Washing
Born July 10, 1894, at San Francisco, Cal.
Armour Institute Night School.
A.Ch.E.S.; Secretary of A.Ch.E.S.
"Sam" is one of our hardest workers and one of our best students. Because of his earnest efforts to learn "the reason why" he will surely meet with success.

NATHAN ISENBERG

Drip Oil Distillates, Boiling Point Above 110° Centigrade.
Born January 14, 1895, at Chicago, Ill.
Medill High School, 1912.
A.Ch.E.S.; Treasurer A.Ch.E.S., '15-'16.
Isenberg has always been a quiet but efficient worker. His handicaps have only gained for him the respect of the class.

B.S. in A.

LEWIS J. BERGMAN

An Ice Palace.
Born June 4, 1892, at Chicago, Ill.
Hyde Park High School, 1911.
Atelier; Mandolin Club; Press Representative Atelier, '14-'15; Massier Atelier, '15-'16; Advisory Member Art Students' Fellowship of Chicago.
As Massier, Louis has accelerated the activities of the Atlier. He has been a crack designer ever since he came in as a dark horse on the Alshuler prize in his Sophomore year.

CLARENCE FARRIER

A Monumental Cascade.
Born April 28, 1893, at Tipton, Iowa.
Tipton High School, 1911.
Delta Tau Delta; Scarab; Atelier; Y.M.C.A.; Art Student Fellowship Board; Massier and Treasurer of The Atelier.
A living encyclopedia and a source of general information, even unto dates and figures. Just "Ask Clarence." An organizer, pacifier, and politician,—in short, a leader.

BERNARD L. ROOS

A Patio in a School of Art.
Born November 12, 1893, at Oshkosh, Wis.
Oshkosh High School, 1911.
Radical X; Atelier, Social Representative, 1913, Secretary, '15-'16; Scarab; Social Committee, '12-'13.
Bernard, known for his many witticisms, has attained the enviable position of being one of the best fellows in the class. Though not an active member of the "Safety First" Commission, he has done much to further the cause among his fellow classmates. His manner of going about a problem and the results obtained speak well for his future success.

B.S. in A.

ESTES W. MANN

A Private Chapel.
Born September 14, 1894, at Forrest City, Ark.
Marianna High School, 1911, Marianna, Ark.
Delta Tau Delta; Scarab; Radical X; Atelier; Art Students' Fellowship; Massier Atelier, '12-'13.
Estes hails from the "Sunny South." His recreations are singing (?), giving the Rebel yell, and attending lynching bees. He spends his days covering reams of paper with sketches and his evenings covering a short route down the "Blvd. Mich." Noticeable features—his ears and his distinguished air.

ARCHIE THOMAS NEWSOM

A State Reception Room for a President.
Born February 22, 1894, at Elizabethtown, Ind.
Manual Training High School, 1912, Indianapolis, Ind.
Delta Tau Delta; Tau Beta Pi; Scarab; Atelier.
"Archie's" ambition in life is to sink into Jules Guerin's shoes, and his posters are well known to all bulletin board fans. He is also famous for his animal imitations, which are the joy of the Senior drafting room. Besides being a fine student, he is one of the best designers in the class; the winner of the Northwestern Terra Cotta Prize Problem.

EMERSON REXFORD EAMES.

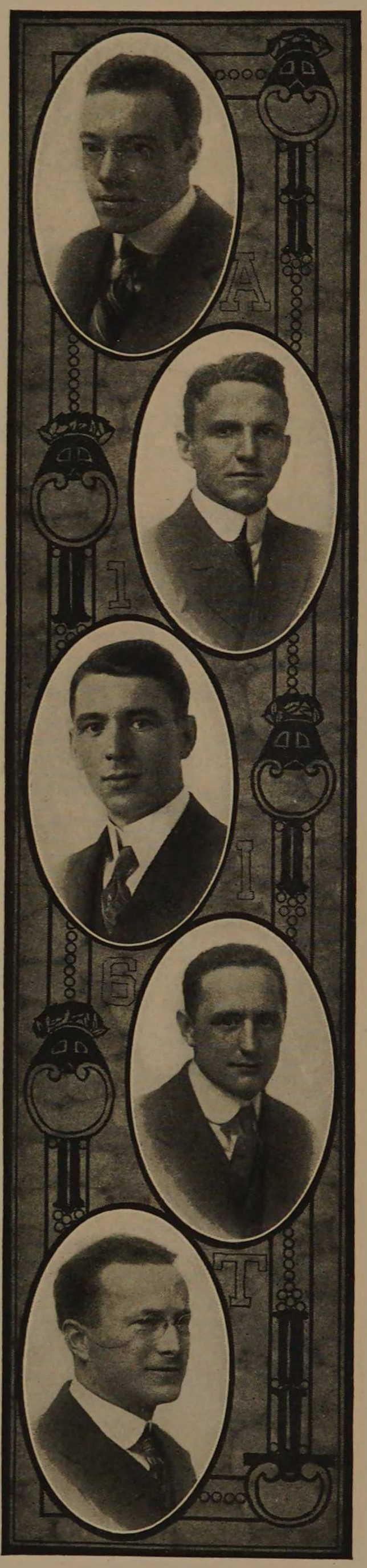
A Large Fountain in Grant Park.
Born November 16, 1893, at Blue Island, Ill.
Blue Island High School, 1910.
Phi Kappa Sigma; Radical X; Atelier; Art Students' Fellowship League; Social Committee, '12-'13; Chairman Radics, '12-'13; Assistant Manager Glee Club, '13-'14.
The most ardent admirer T. R. ever had—the anti-est German of them all—and a jolly good fellow. Roll them along together and you'll have an Emerson Rexford. At times it appears that he should have chosen law for his profession, because he can win any argument with one word.

ELKER HOSEHILL NEILSEN

A New Columbia Yacht Club.
Born April 14, 1892, at Chicago, Ill.
Lewis Institute, 1912.
Atelier; Scarab; Treasurer Atelier, '12-'13.
This countryman of "Bat" Nelson and King Canute lacks none of the mental and physical characteristics of the Teutons except one, next to "Spike" Mellor he would be "Jeff." However, thorough is the word that could be applied to everything that he does, and he needs no other recommendations than the superior qualities of his workmanship.

HOWARD L. WALLBRECHT

A Federal Prison.
Born April 17, 1894, at Central Lake, Mich.
Central Lake High School, 1911.
Delta Tau Delta; Scarab; Radical X; Atelier; Social Committee, '13-'14; Treasurer Atelier, '12-'13; Atelier Social Committee, '13-'14; Class Track, '12-'13.
Popularly known as "Red," whose luck is phenomenal. A Regular Armour Man in both society and politics; and generally active. Besides this, he is winner of the Alschuler Prize.



B.S. in A.

HOWARD WALLACE VADER

State Dining Room in a Presidential Suite.
Born October 22, 1894, at Traverse City, Mich.
Traverse City High School, 1913.
Delta Tau Delta; Scarab; Atelier; Art Students' Fellowship; Treasurer Atelier; Educational Committee Atelier.
Howard is a conscientious and hard working son of Michigan, who manages to find time for the pursuit of the more material happiness of life. He has an architectural style or "disease" all his own, and gets away with it. A rival of Vernon Castle's.

WILLIAM HERMAN VOLZ

A Railway Station for a Small City.
Born February 14, 1893, at Chicago, Ill.
Lake High School, 1910.
Atelier.
"Bill's" Teutonic efficiency is unquestioned; he is the champion wrestler among the architects; he is a great story teller, having actually sworn to have killed over 5,000 chickens; for spieling he is without a pier in selling nursery goods; and among the boys, his genial and democratic spirit is one of good cheer to all.

JOHN KENNETH MOWRY

Office Building. Three Story Brick Residence for a City of 50,000.
Born October 9, 1897, at Youngstown, Ohio.
Manual Training School, Washington University, St. Louis, Mo., 1906.
Sigma Kappa Delta; Atelier; Radical X; Treasurer Atelier, '16.
"Jake," as we called him, was a man of few words, but when he spoke it was really worth while; in fact, he admitted as much himself. John's draftsmanship was as neat as his manner of dress, and that's going some.

GEORGE PIPER

A Field House for a Small Playground.
Born December 13, 1894, at Chicago, Ill.
Lane Technical High School, Chicago, Ill., 1912.
Atelier.
George was the original little Physics "shark." His intentions have always been good, but his instruments never would work.

CARLYLE PEEK

Library for a Small Town.
Born May 5, 1881, at Starke, Florida.
Starke High School.
Atelier.
Who could be a more modest, unobstrusive and harder worker than Peek? He does his school work and then earns enough to pay all of his bills. Wish we had more like him. Literature is his hobby, but who would have thought that his recreation was musical comedies?

B.S. in A.

OTIS AINSWORTH SKINNER

An Arts and Crafts Colony for Chicago.
Born September 24, 1892, at Chicago, Ill.
Lewis Institute, 1912.
Atelier; Scarab.
"Ned" says that in the future nothing can worry him; things never did in our experience—no one in college ever kidded him. Thinking is doing with Ned; he believes in artistic environment and lives in it.

B. LEO STEIF

Interior Decoration of a Villa.
Born September 8, 1894, at New York, N. Y.
Lane Technical High School, 1912.
Atelier; Art Students' Fellowship.
"B'Leo" is known as the best little draftsman in the class. After spending two years at Illinois, he decided to graduate from a regular school. Leo is a very intelligent boy, and if he lives up to his reputation, his success as an architect is assured.

ALEXANDER H. SPITZ

A Modern Club House in a Large City.
Born August 30, 1892, at New York City.
Lane Technical High School, Chicago, Ill., 1912.
Atelier; Indoor Baseball.
Alias "Bogan" is the highest man in the class—? He is known throughout the Architectural Department for his ability as a magazine salesman. Spitz is also an authority on the current plays at our Chicago theaters. Of his favorite studies, Physics is everlasting.

HARRY B. AARENS

A Small Hotel on the Lincoln Highway in the Rocky Mountains.
Born May 23, 1894, at Chicago, Ill.
McKinley High School, 1912.
Atelier.
Harry is one of the fellows who helped liven up the Senior drafting room. His goodfellowship, coupled with his fine ability in his work, will make his success as an architect an assured fact. Winner of the Traveling Scholarship Prize Problem.

HENRY J. APFELBACH

An Apartment Hotel.
Born October, 1888, at Michigan City, Ind.
Crane Technical High School, Chicago, Ill., 1909.
Atelier.
"Hank" (which seems to rhyme with tank) is a shark at construction. He can detail anything from a footing to a smokeless chimney. He spends his spare moments improving upon Henry Ford's Handicraft.

B.S. in A.

ISADORE H. BRAUN

An Aquarium with Formal Water Gardens.
Born February 16, 1894, at St. Nicholas, Hungary.
Bowen High School, Chicago, Ill., 1912.
Atelier; Art Student Fellowship Club; Purchasing Agent of Atelier; Secretary of Executive Board of Art Student Fellowship Club.
In spite of the fact that Braun hails from Hegewisch (whatever that is), he certainly has taken his place in the class and done more than his part for the common weal. Since he was a Freshman he sold supplies, representing the Atelier's purchasing agent in his three lower years, and holding that thankless job himself when he was a Senior. Besides being the purveyor of everything that an "Arch" could want, from tacks to Wilbur Milks (of both genders), he has managed to acquire first mention on most every problem, and fairly spatter his record with "A's."

MAX LOWELL CABLE

A Market Place and Civic Center for Produce Commission Dealers.
Born September 10, 1894, at Gratiot, Wis.
Crane High School.
Atelier; Art Students' Fellowship of Chicago.
Max is one of our best designers and has a good idea of the eternal fitness of things, especially diplomacy—he never signs a petition.

SIDNEY C. FINKELSTEIN

An Automobile Roadhouse.
Born August 4, 1894, at Chicago, Ill.
McKinley High School.
The Ohr; Atelier; Chairman Social Committee Atelier.
One of those sociable fellows who mixes work with play so as to form a happy medium. Has been quite active in affairs given by the architects, and at the same time has more than held his poise as a scholar. As chairman of the architects' social committee he has far surpassed any of his predecessors.

ISREAL S. LOWENBERG

A Synagogue and Social Center.
Born January 21, 1892, at Liban, Russia.
Joseph Medill High School, 1909.
Basketball, 1912; Atelier.
Lowenberg is well known as one of the most conscientious and persevering students in the architectural class. He is very thorough in all his work, and when once he grasps an idea it is sure to stay with him.

WILLIAM D. WORKS

An Apartment Hotel.
Born November 16, 1889, at Austin, Texas.
Public Schools in Texas; B. A. Trinity University, Waxahachie, 1910.
Beta Phi; Atelier; Y.M.C.A.
"Works" surely lives up to his name, for he is the most ardent worker among the "Constructionists." Though he is an ex-school teacher, he has proven himself a good mixer among his fellow classmates. He is made of the stuff that makes good.

B.S. in F.P.E.

CARL ARNOLD GRASSE

Distribution of Water from Automatic Sprinkler Heads.
Born October 17, 1893, at Milwaukee, Wis.
Englewood High School, 1912.
Omega Lambda; Tau Beta Pi; A.F.P.E.S.; Class President, '14-'15; Class Treasurer, '13-'14; Social Committee, '15-'16; Vice-President A.F.P.E.S., '14-'15.
Undertake to tell Grasse what poor fighters the Germans are some morning when he has time to talk, and see if you can win in the argument. Four bits you don't.

CLAUDE HILL

The Inertia Effect on a 7″ Alarm Valve.
Born August 13, 1894, at Seattle, Wash.
Hyde Park High School, Chicago, February, 1913.
Phi Kappa Sigma; "A" Club; A.F.P.E.; Y.M.C.A.; Radical X; Baseball, '13-'14-'15-'16; Secretary Armour Rooters' Association.
Claude is the real humorist of the class. He can laugh a grouch out of anyone. Besides making the Fire Protect course in 3½ years, he has proven an asset at the rear end of the Tech. baseball team. No one ever stole second on "Doc." As for his future, he has the stuff in him that makes friends and money.

ROY A. C. GOPPELSRODER

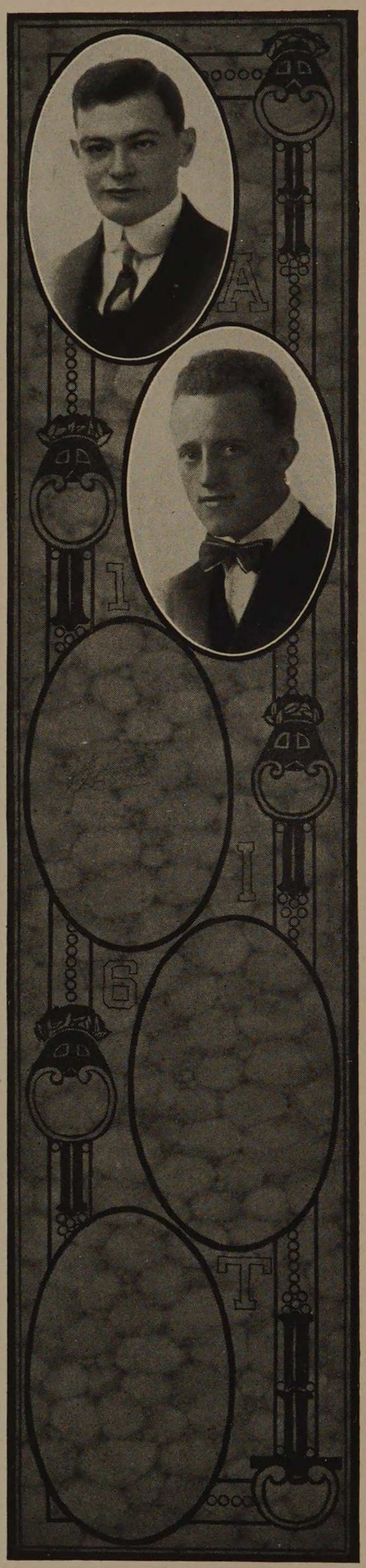
Distribution of Water from Standard Types of Sprinkler Heads.
Born August 27, 1894, at Chicago, Ill.
Lake High School, 1911.
A.F.P.E.S.; Glee Club; Beta Phi; Mandolin Club; Y.M.C.A.; Junior Play Orchestra Piano Director, '15-'16.
If any one thinks engineers are always just mechanics, they should hear Goppelsroder play the "steenth" Hungarian Rapsody some afternoon in the Y.M.C.A.

EDMOND WALLACE McDIARMID

Backfiring in Gas Pipes and Tanks.
Born February 17, 1891, at Chicago, Ill.
Armour Scientific Academy; Baker University and University of Chicago Summer School.
Beta Phi; Y.M.C.A.; A.F.P.E.S.; National Fire Protection Association; Social Service Committee, 1915-1916.
Entered the college in the class of 1914. He left after the Freshman year to enter social service work. He then returned to Armour in the fall of 1913, and joined the Class of 1916. He completed his course in February to take up a position with the Mutual Insurance Bureau, Indianapolis, Indiana, as state inspector for Ohio. Picked a "plum," as the boys say.

FLOYD TAYLOR BOWER

The Inertia Effect on a 7″ Alarm Valve.
Born February 9, 1894, at Flint, Mich.
Calumet High School, 1912.
Sigma Kappa Delta; A.F.P.E.S.
Just plain "Shorty," imposing upon nobody and nothing except his pipe.



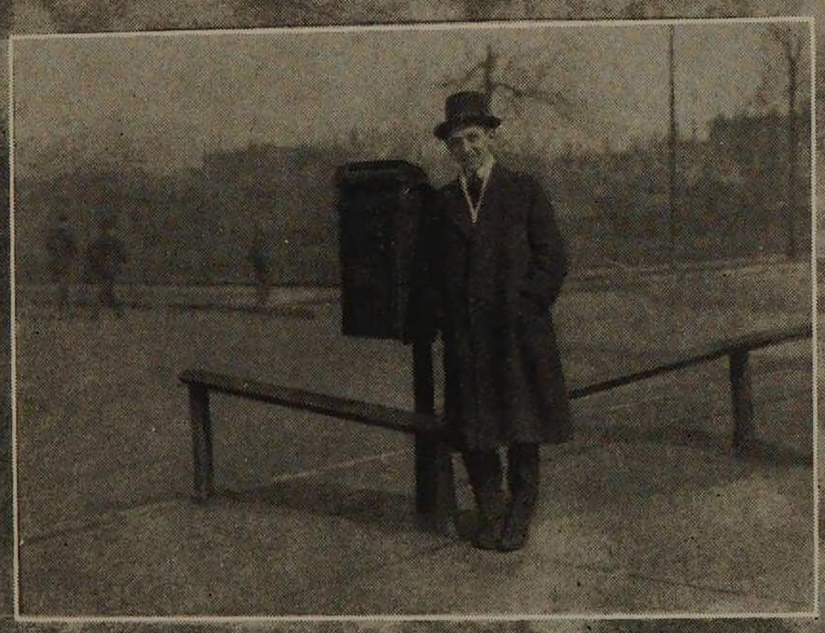
ERWIN EDELSTEIN

Plans, Specifications, and Estimate of Cost of Pavements for Wassel and Bramberg's Austin Subdivision.
Born December 2, 1892, at Dixon, Ill.
Tuley High School, 1911.
Beta Phi; Y.M.C.A.
Edelstein is a student who does not believe a great commotion necessary to accomplish anything. When he talks, it is understood that he really has something to say.

HAROLD E. ANNING

Born December 8, 1892, at Sterling, Illinois.
Lane High School, Chicago, 1911.
Phi Kappa Sigma; A.C.E.S.; Y.M.C.A.; Social Committee, '12-'15; Chairman Social Committee, '13-'14.
To have a friend in "Dewey" Anning is to have a cheerful, jolly, true one. Though not at all a grind, Harold has managed to get through his studies in an acceptable manner, besides being one of the popular fellows of the class.

THE CLASSES



A. W. Blanchard J. O. Hanson F. Oster L. A. Falk J. Allen

THE MEN WHO "RUN" THE SCHOOL

JOHN ALLEN
Chief Engineer

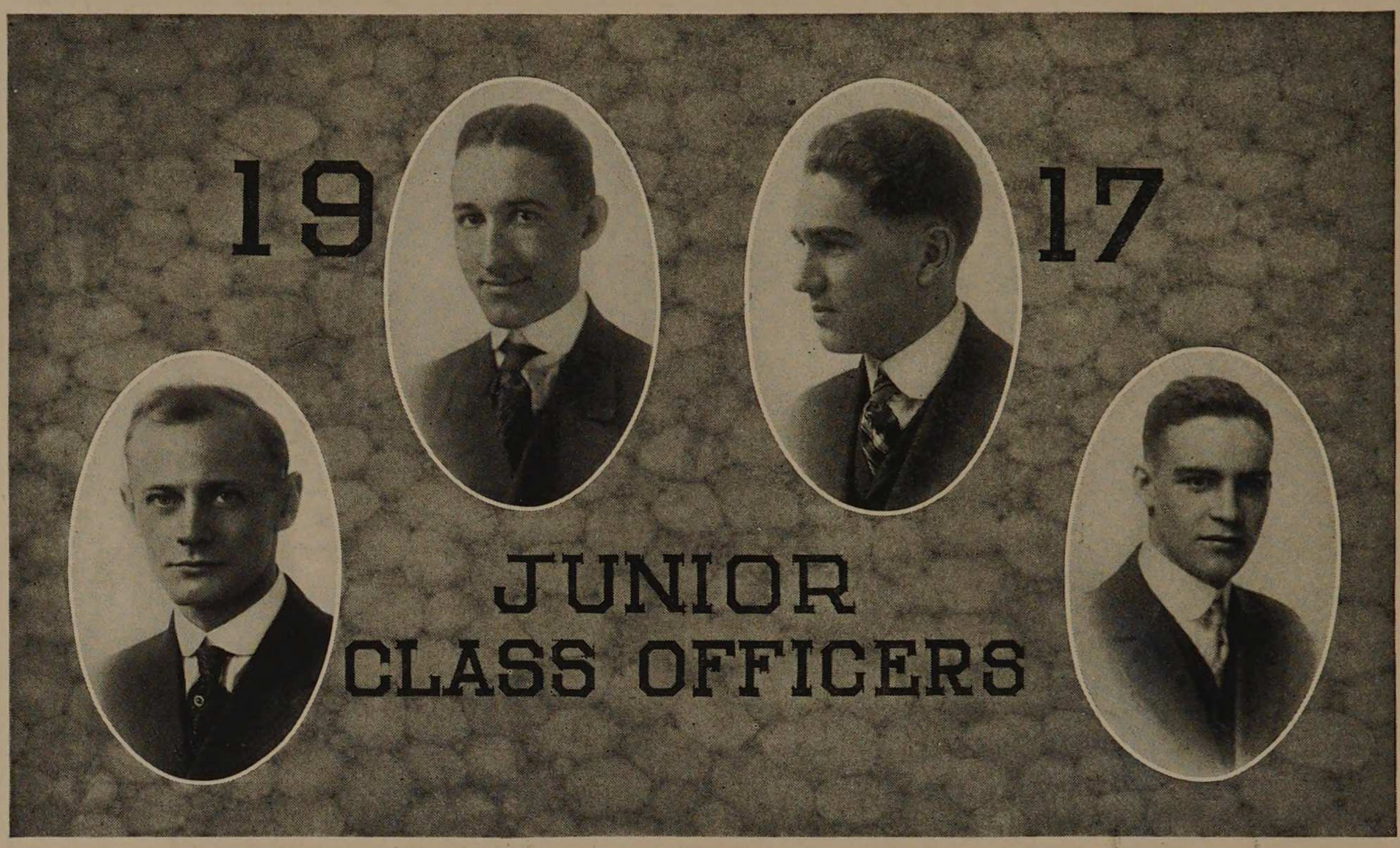
P. W. BLANCHARD
Chief Electrician

L. A. FALK
Chief Mechanician

J. O. HANSON
Chief Carpenter

FRANK OSTER
Custodian

JUNIOR



Wm. P. Tronvig | H. B. Maguire | A. H. Smith | G. M. Fritze

OFFICERS OF THE CLASS OF 1917

H. B. Maguire	President
A. H. Smith	Vice-President
Wm. P. Tronvig	Secretary
G. M. Fritze	Treasurer
A. H Smith, H. C. Roberts, A. N. Dryden	Deputy Treasurers
R. L. Paskill	First Marshal
R F. Schreiner	Second Marshal
W. W. Wollaston	Third Marshal
G. W. Cloidt	Chairman Smoker Committee

SOCIAL COMMITTEE

W. W. Wollaston, *Chairman*

S. R. Evans
E. H. Smith
L. E. Starkel
R. H. Earle

L. A. King	Representative Board of Athletic Control
G. W Cloidt	Representative Rooters' Association
S. N. Miller	Cheer Leader
M. L. Summerfield	Sergeant-at-Arms

Junior Glass History

A very deplorable fact concerning the majority of class histories is that they are full of exaggeration and egotism. Why resort to such means? Why not be straightforward and allow one to judge you by your deeds and not your words? It is in its ability to do the latter that the class of '17 rejoices. With this in mind, the following chronicle is written in an attempt to convey to you, in a series of absolute facts, not exaggerated bluff, the achievements of the Junior class.

The class certainly has worked earnestly and energetically, accomplishing much without asking for any earthly praise whatsoever. As Freshmen, they extended their helping hand to every activity in school. In athletics, this hand was strong and sturdy. Without the least antagonistic spirit toward the other classes, we jumped right in the game and nine courteous warriors swamped their champions with the result of annexing the inter-class baseball championship. Three of these brave men (Paskill, Hall, and Bruce) showed such skill at handling the "pill" that they were given berths on the "Tech" team. In track, the class also showed a fighting spirit through the untiring efforts of Tierney, our star dash man, who added further honor by winning many points in the Little Five Conference Meet. In basketball, our standard of speed was as marked as in the other branches, resulting in the production of four varsity men; Lamb, King, Clay, and Greenspahn.

Socially, the class showed a great deal of "pep." The Freshmen dance was one of the most elaborate affairs ever given at Armour. At the smoker, Tech Night, Home Concert, and other functions, the Freshies were always well represented, and helped to make the affairs a success. The Glee and Mandolin clubs certainly had their proportion of '17 men.

Scholastically, the class was declared by the Deans to be the brightest (as measured by grades) that had yet entered the Institute, (no exaggerated bluff). Part of this intelligence was put into the Fulcrum and Cycle.

Before closing this brief narration of our activities in our first year, let me mention the important and extraordinary fact that we subdued our worthy rivals of '16 in great fashion in the annual class "rush," not because we wanted to show them by physical means that we were superior but simply because they were anxiously looking for the whipping they deserved.

Our Sophomore year proved to be more glorious and inspiring than the previous. Our athletic prowess was still evident. Five of our men made letters in baseball, Conway and King being the new additions. Two men made letters in track; i. e. Tierney and King. A victory in the interclass track meet was added to our hall of fame, as well as the golf championship won by Maguire, our lanky "shark," who honored the Institute by winning the Amateur Indoor Golf Championship of Chicago. In addition to these remarkable records in athletics, a victory in the annual "test," the class "rush," was added, the Freshies proving easy "meat."

One certainly was inspired by the progressiveness of the class in its Sophomore year, and could not help but look forward to a most promising Junior year to follow.

The class now has donned the robe of Juniors, and feels assured that from its past achievements they are worthy of the name. It started out with the same barnstorming tactics of previous years, and annexed the interclass baseball championship for the second time. Again in basketball it laid claim to the championship because of its decisive victory over the Seniors, who were the leaders. The interclass track meet was lost by one point, the men, however, showing the same "pep" as of yore. In golf, "Shorty" Maguire again annexed the championship for '17 by defeating one of the most spectacular golf players in this vicinity, our honorable Professor Leigh. Even the indoor championship was added to our laurels. Among the wearers of the "A" in this crowning year of success are King, Conway, Hall, Bruce, and Paskill in baseball; Tierney and Williams in track; Hockenberger and Conway in basketball.

The class was well represented this year in the Rooters' Association, Glee and Mandolin Clubs, and on all committees in charge of such functions as the Smoker, Tech Night, etc.

Taking the situation as a whole, one cannot help but say that the Junior Class has joyfully, honorably, energetically, and enthusiastically gained an unbiased reputation as a true and earnest participator and leader of all activities. From our progression from year to year we leave it to your candid imagination to perceive the deeds of the class when they possess the honorable and deserving name of Seniors.

Glass of Nineteen Hundred Seventeen

MECHANICAL

G. L. Andre	Geo. Fritze	N. L. Marvin	N. Steindler
E. Bauer, Jr.	H. M. Goodman	R. L. Morse	W. T. Watt
J. P. Bechaud	E. W. Haines	A. J. Plocinsky	H. S. White
W. G. Bernet	L. A. King	C. R. Pomeroy	F. Zehrbaugh
M. C. Cole	H. Luttge	B. Robechek	O. W. Armspach

ELECTRICAL

J. E. Anderson	R. H. Earle	E. P. Weeth	L. O. Orahood
A. S. Benjamin	L. E. Given	C. F. Holmes	L. H. Rosenberg
Geo. Burns	H. W. Hanchette	L. R. Jacobs	S. A. Sampson
F. J. Cantlon	W. R. Henning	A. Kupshas	H. E. Smith
	M. L. Summerfield		A. Zimmerman

CIVIL

O. E. H. Andren	L. I. Goldberg	S. W. Neuman	C. L. Shaw
M. E. Benesh	J. D. Harvey	R. L. Paskill	E. H. Smith
H. A. Bruce	H. Kleinman	A. A. Pederson	L. E. Starkel
W. H. Chun	S. N. Miller	A. L. Schreiber	J. A. Tierney
	H. Walder	H. W. Stride	W. A. Nusser

CHEMICAL

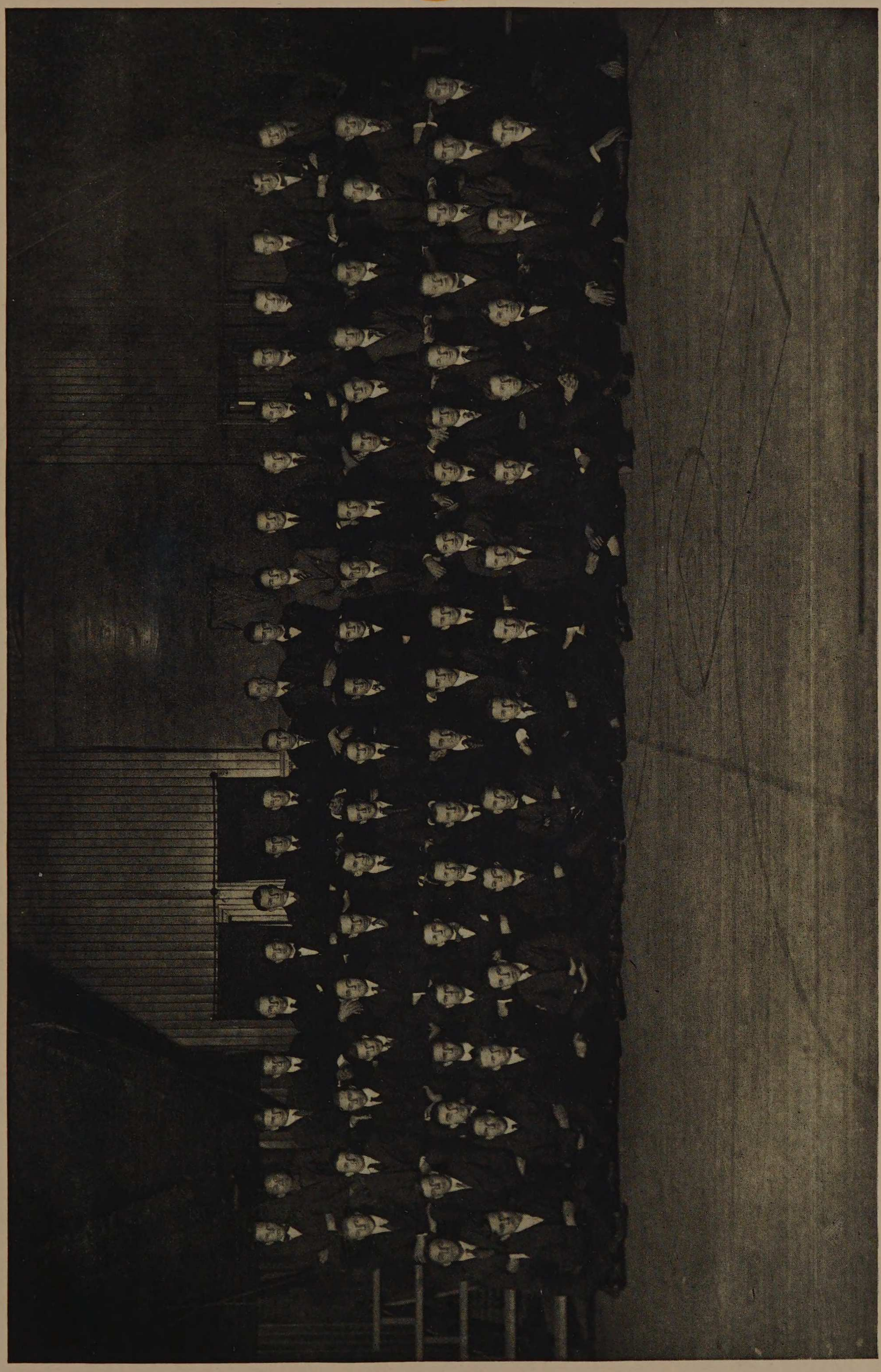
J. L. Burda	L. K. Fritts	S. W. Kendall	H. B. Richards
S. R. Evans	N. J. Goorskey	A. J. Mease	T. G. Schulze
A. G. Fitzner	O. L. Hailey	J. Markham	A. H. Smith
E. Friedmann	H. T. Huber	Wm. Hankan	W. Wollaston
		B. B. Botts	

FIRE PROTECTION

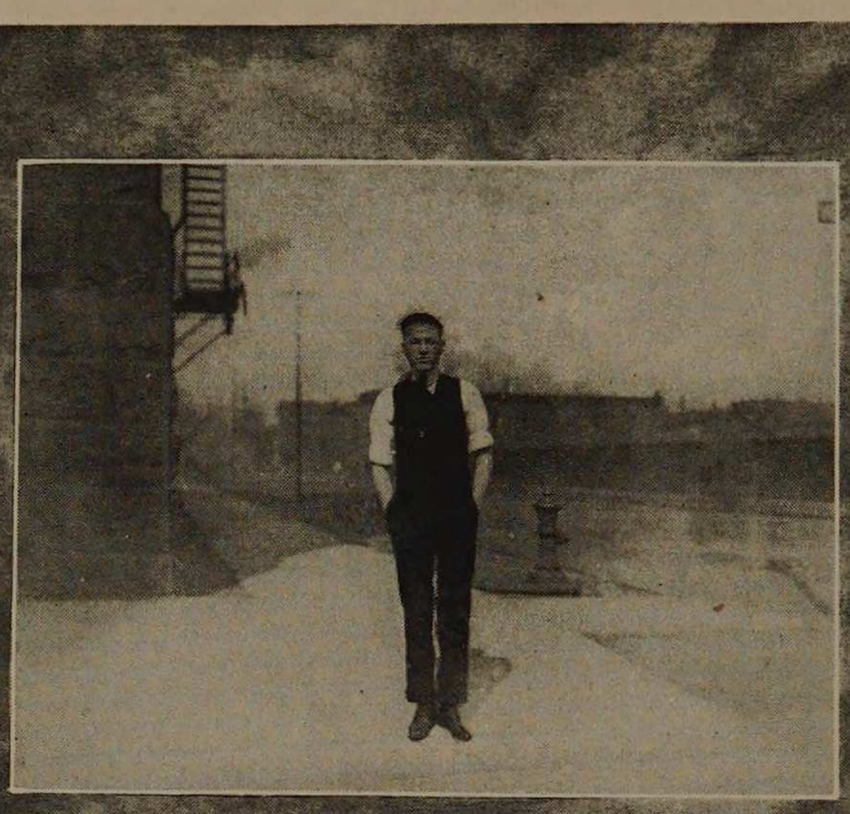
G. W. Cloidt	L. A. Foshinbaur	H. B. Maguire	G. H. Rice
F. J. Conway	K. V. Hall	H. E. Maher	C. H. Roberts
A. Corman	L. E. Hayes	L. W. Mattern	W. P. Tronvig
R. D. Cowles	J. S. Kula	W. R. Owen	R. F. Schreiner

ARCHITECTS

A. N. Dryden	M. B. Levison	C. H. Markel	J. P. Turner
R. A. Greenman	S. M. Lipschulz	L. E. Mellor	W. J. Vesley
H. G. Ingraham	P. J. McGrath	C. A. Reid	S. P. Williams
R. B. Kurzon	K. A. McGrew	W. F. Thomson	R. H. Rusk



THE CLASSES



SOPHOMORE

R. N. Mann S. L. Evans H. W. Puschel E. R. Cole

OFFICERS OF THE CLASS OF 1918

S. L. Evans	President
H. W. Puschel	Vice-President
R. N. Mann	Secretary
E. R. Cole	Treasurer

SOCIAL COMMITTEE

H. H. Shotwell, *Chairman*

H. D. Stevers	H. C. Wilson
W. T. Wignall	E. F. Quinn

E. S. Beaumont	Cycle Representative
O. M. Hullinger	Rooters' Association Representative
K. A. Taylor	Board of Athletic Control Representative

Sophomore Class History

A band of ninety eager, enthusiastic fellows responded to the Armour Sophomore class this year, and gave evidence that the spirit of the Class of '18 would carry forward the good work begun in our Freshman year. Beaumont, our Freshman president, proved an able leader; and with the excellent support of the various committees, our social activities were a decided success. Wilson, chairman of the Social Committee, deserves great praise for his efforts in promoting our Freshman Dance, which was a brilliant affair and a success in every way.

It was soon evident that the class possessed athletic talent. Our boys responded warmly, both in rooting and in playing for the various teams. Sandroff proved a welcome support to the "Tech" basketball team. Sandroff, Hullinger, and Evans won "A's" for work done on the basketball, baseball and track teams respectively.

A class meeting was called almost immediately after the opening of the school year, and our Sophomore officers were elected. Evans was elected president; Puschel, vice-president; Mann, secretary; and Cole, treasurer. These men have all the qualities of efficient leaders, and they will help us to carry our standards to the front.

Our showing in the inter-class track meet and baseball series was not as good as it should have been. In spite of a seeming lack of interest on the part of the class, Captain Evans worked hard with the track team. The point winners were Evans, Cole, Marvin, Newlander, and Kingsley. Hullinger was unfortunate in that we faced the Senior baseball team first. Although several of our opponents were "A" men we held them to a tie in the first game. The class basketball team did very well, as they won five, lost three, and tied one game. We were second in the series; the Seniors were the winners. The absence of Sandroff from our squad was inopportune. We feel that his work on the team would have put us in first place. Captain Taylor and Kerr were our stars. The indoor baseball series planned this year is something of an innovation. It is the first inter-class indoor series to be held. Only two games of the series have been played, and no absolute knowledge as to the winners can be had. Captain Mathews has a team of sluggers to back up his own star pitching, and he feels quite confident that the Sophomores will lead the field. The team has had a number of games, both in and out of the school, and has met defeat only once. To name the stars, would be to enumerate all of the players. Come out and see them for yourself.

The Y.M.C.A. Handshake gave us our social start this year. As was the case last year, the Y.M.C.A., at 53rd and Madison Avenue, was thrown open to us, and we were allowed all the house privileges. The incoming Freshmen were made to understand the desirability of being an Armour man. An interesting program was furnished by the committee. The Freshman smoker was next in order. The Sophomores advertised the affair by elaborate paintings upon the sidewalks and houses of the neighborhood, although the proceedings were not backed by the class. The Sophomores present enjoyed a good program, and it may be said that they furnished a part of the entertainment toward the end. The talked of event is the coming Sophomore Dance. Our social committee, under chairman Shotwell's direction, is working hard to repeat and surpass our last year's dance. The affair will be held in the Congress Hotel, and a good attendance is assured. There are vague rumors of a Sophomore Banquet which may be held toward the end of the year.

Class of Nineteen Hundred Eighteen

STUDENTS IN MECHANICAL ENGINEERING

Aitchison, P. F.
Bretting, W. H.
Cooper, E. C.
Durham, E. J.
Gasche, R. T.
Greenspahn, A. H.
Hunt, K. L.
Huffaker, N. L.
Kerr, V. A.
Marks, A. E.
Windesheim, P. A.
Marvin, N. L.
Royce, B. P.
Scwartz, F. H.
Taake, H. E.
Taylor, K. A.

STUDENTS IN ELECTRICAL ENGINEERING

Barr, E. E.
Beaumont, E. S.
Brown, A. H.
Cantlon, F. J.
Crown, V. M.
Davison, F. M.
Dubin, A.
Erickson, R. A.
Estell, L. W.
Ferguson, A. H.
Geldmeir, H. F.
Goldstein, J. N.
Henning, W. R.
Hullinger, O. M.
Hunt, J. J.
Jackson, R. S.
Mathews, R. H.
Moore, E. A.
Newlander, A. R.
Porto, D. J.
Rice, A. I.
Sampson, S. A.
Scates, P. W.
Schener, E.
Schreiber, H. F.
Shotwell, H. H.
Usis, F. M.
Veremis, M.
Vogdes, F. B.
Yedor, S. S.

STUDENTS IN CIVIL ENGINEERING

Bush, I. B.
Bush, L. C.
Diestein, F. C.
Eisenberg, D. B.
Harnett, B. E.
Nitka, J.
Weiss, L.
Northhelfer, S. D.
Senescall, C.
Stevers, H. D.
Wignall, W. J.

STUDENTS IN CHEMICAL ENGINEERING

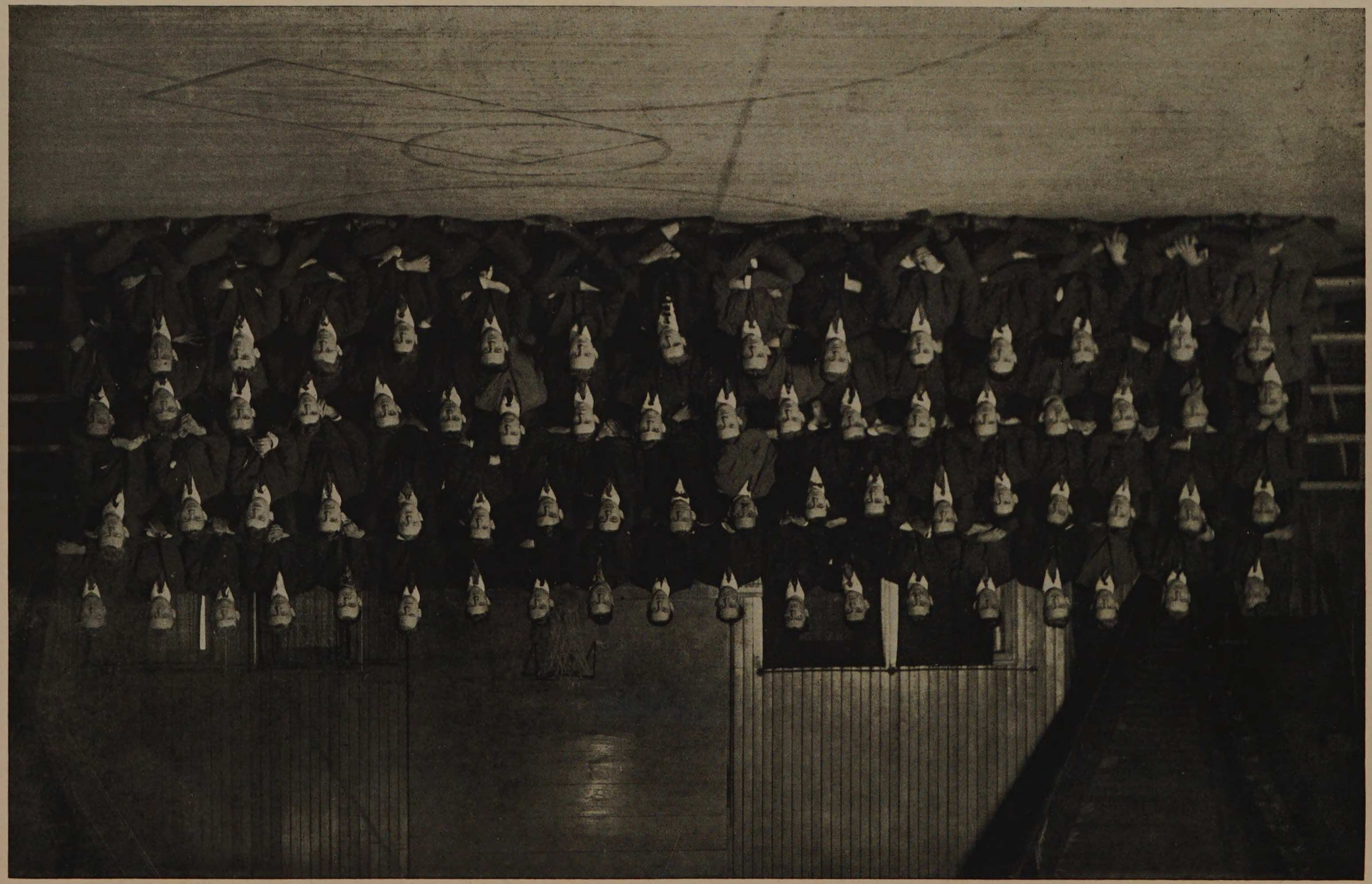
Alexander, J. E.
Cable, D. E.
Finkl, W. F.
Flower, J. M.
Goldsmith, H.
Johnson, F. R.
Klem, H. F.
Koehler, W. W.
Ward, R. R.
Lewis, J. R.
Pearson, A.
Prest, I. J.
Simon, J.
Wilson, H. C.

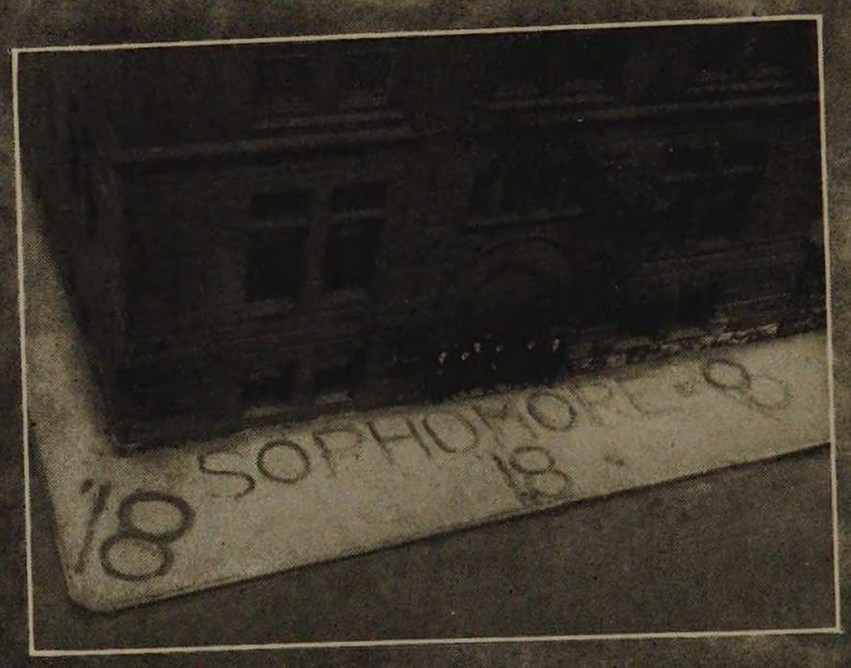
STUDENTS IN FIRE PROTECTION ENGINEERING

Cole, E. R.
Evans, S. L.
Kingsley, T.
Kuttnauer, L. V.
Mann, R. N.
Marx, F. E.
Sandroff, W. M.
Puschel, H. W.
Sabiston, K. M.
Schrupp, O. G.

STUDENTS IN ARCHITECTURE

Bultman, W.
Chappel, R. A.
Fries, F. K.
Grammas, P.
Greenman, R. A.
Glube, H.
Klajda, E. F.
Kuehn, W. K.
Larson, E. O.
Love, J. M.
MacEldowney, H. B.
Pareira, D. A.
Quinn, E. F.
Sosna, N. I.
Twery, L. E.
Wright, W. C.
Cohen, C. J.
Davison, M.




SOPHOMORE 18
18 SOPHOMORE

FRESHMAN

THE CLASSES

J. Y. Wickes | L. Yoemans | J. E. Alexander | J. M. Stone

OFFICERS OF THE CLASS OF 1919

L. Yoemans	President
J. E. Alexander	Vice-President
J. Y. Wickes	Secretary
J. M. Stone	Treasurer

SOCIAL COMMITTEE

A. L. Parker, *Chairman*

J. F. French
A. E. Maitre
R. Peters
W. E. Mead

W. E. Dady	Cycle Representative
A. R. Monaco	Rooters' Association Representative
J. B. O'Connell	Sergeant-at-Arms
J. Kavana	Cheer Leader

Freshman Class History

The beginnng of the school year of 1915-16 brought to light a very promising collection of Freshmen. It was on September seventh, nineteen hundred fifteen, that the memorable class of '19 began its career of four years solid work at Armour. After calling upon the Hon. Dean Raymond, each student was requested to visit the Registrar with whom we were supposed to have some very important business. This engagement having been fulfilled with some embarrassment, we were ready for a visit to the school store. It was here that we invested in those manuals of useless information, known as text-books. We then repaired to our homes and spent the remainder of the day contemplating as to what the following year would bring forth.

It would not require long for anyone endowed with a common degree of intelligence to realize that our class was "up and coming." The class, for some unknown reason, was a little late in getting organized. Our first meeting was brought about through the initiative of Yeomans. Lou thought it about time that things began to happen, and consequently visited the Dean and arranged for the meeting. He is only one of our splendid examples of a fellow possessing the true Armour spirit. The Hon. Dean Monin presided at our first meeting. After delivering a short address of welcome, he gave the class some advice regarding the choice of officers. He also warned the Architects about their support of the class. The Architects showed their strength in the election when the following officers, Yeomans, president; Alexander, vice-president; Wickes, secretary; and Stone, treasurer, were elected, two of whom are Architects. The committees were to be appointed at the next regular meeting. The class colors chosen were Maroon and Gold. The meeting then adjourned.

The upper classmen, seeming to be intent upon meeting the Freshmen as early as possible, decided to hold the annual handshake early in September. Accordingly, the affair was scheduled for the first Friday evening of the school year. This was a great success and certainly was enjoyed by the Freshies. The elder Armourites showed their skill at entertaining by providing a sociable time.

At about the usual time the annual decorating fever broke out among the Sophs and Freshies, and it was paint at all costs. However, it was seen fit to depart from the usual custom of decorating viaduct and fences for the more practical diversion of waterproofing the sidewalks in the district surrounding the school. Which class accomplished their task with the highest degree of perfection is hard to tell, but where the Sophs procured that particular shade of green is a more doubtful question.

It was not long before we began to hear of whisperings concerning the Freshman Smoker. There was an air of secrecy about things. One of the dignified Seniors, when announcing the event, made an unsuccessful attempt to throw a scare into our midst, much to his disappointment. All the rumors came to naught, and with the exception of the tatooing affair, everything was with the Freshmen. It is hard to tell what a mess there might have been if one of our number hadn't relieved the Sophs of their aged ammunition, which was reposing in a vacant lot.

The chairman of the social committee next announced his intention of holding a banquet. His proposal was supported by the entire class. Many of the pessemistic upper classmen said it couldn't be done, but it was, and if you don't believe that the Freshman Get-together Banquet was a success, ask any Freshman. It was held in the New Morrison Hotel, on Tech Nite. That is not all, we are going to have another before school closes. Watch and see.

The Freshmen showed their colors and true Armour spirit by the way they turned out on Tech Nite. The enthusiasm of those who were there more than accounted for those who were unable to be present. Did we help in the cheers? Well, I guess.

The Freshman Dance was held in the Red Room of the Hotel LaSalle, on the seventh of April. We all know of the excellent music which Chappell's Orchestra provided. Everyone present seemed to enjoy themselves, and the dance will long be remembered by all.

The class has some very fine athletic material in its possession which has not yet come to the surface. In baseball we were not represented, since the class was not organized. However, in track we took third place, and in basketball were able to win two of the six games we played. Our friend "John" has an idea concerning a certain hurdler in our class, and saw fit to hold two of our number on the basketball squad.

Class of Nineteen Hundred Nineteen

STUDENTS IN MECHANICAL ENGINEERING

Atherton, H. B.
Bellack, W. B.
Berg, D. C.
Cailson, C. I.
Edgeworth, M.
Ford, M. H.
Gail, A. M.
Graham, G. C.
Guthrie, R. G.
Happ, W.
Wolff, R. D.
Kilfoyle, E. J.
Kidwell, T. A.
Lynch, C. H.
Meyer, C. H.
Nielson, E. .L
Wertheiner, H. K.
Ryan, F. C.
Rehfeldt, H.
Rowe, T. J.
Weinskenher, R. S.
Stone, J. M.

STUDENTS IN ELECTRICAL ENGINEERING

Anderson, H.
Bacon, N. L.
Butler, C. F.
Burr, W.
Chase, D. S.
Crown, V. M.
Ervin, E. R.
Friedman, M. C.
Fisher, F. S.
Grant, A. Q.
Johnson, M. A.
Joslyn, R. A.
McLaughlin, H.
Martin, I. C.
Milne, G. D.
Morgan, R. D.
Muelleman, J. P.
O'Connell, J. B.
Oien, A.
Ockerlund, F. L.
Zalat, P.
Parker, G. L.
Pentland, R. L.
Peterson, G.
Porwancher, S.
Pratt, T. E.
Rensch, R. H.
Roger, M. W.
Savage, W. J.
Sugarman, A.
Suckiassian, H. G.
Sullivan, A. P.
Smith, R. P.
Throop, A. R.
Utley, C. S.
Vanek, J. W.
Weston, H.
Wilber, J. B.
Weber, P. H.
Wilson, H. K.
Welch, T. L.

STUDENTS IN CIVIL ENGINEERING

Alinquist, C. G.
Boos, R. W.
Bradley, E. J.
Bryl, J.
Engh, I. M.
Gold, C. L.
Lake, R.
Mendius, W.
Nusser, W. A.
Reuter, H. F.
Van Sickel, R. C.
Wohlgemuth, B.

STUDENTS IN CHEMICAL ENGINEERING

Anderson, W. J.
Bernstein, I. M.
Bradburg, G. V.
Clark, C. B.
Chamberlain, R. L.
Dittlinger, B.
Edwards, A. R.
Emery, L. B.
Goldstein, H. A.
Grasse, A. M.
Grigsley, D. W.
Haughton, R. A.
Jaeshke, W.
Jaglowski, L. S.
King, H. D.
LaZoris, A. S.
Luckow, E. R.
Melickai, R. S.
Muehlberger, C. W
Neuman, M.
Neuman, S. E.
Rogers, T. J.
Schwarz, H. J.
Weber, F.

STUDENTS IN FIRE PROTECTION ENGINEERING

Fischer, L. E.
Harrison, W. A.
Maitre, A. E.
Mead, W. E.
Meyerson, H.
Peters, R. T.
Trask, F. A.

ARCHITECTS

Cawles, F. S.
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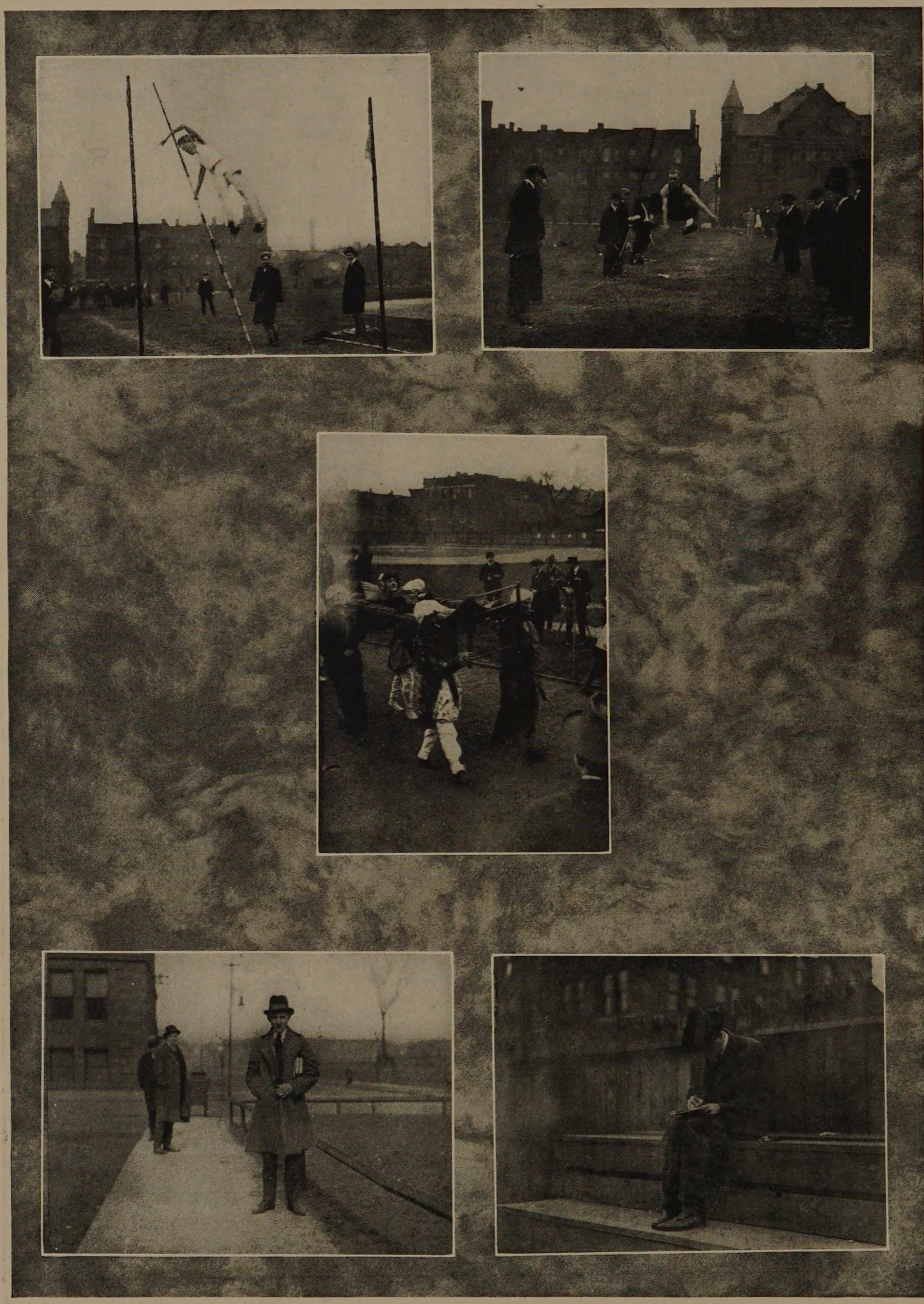
Dady, W. E.
Dauforth, C. S.
Faust, D. E.
Ferring, B. J.
French, J. J.
Frank, J.
Gaul, C. L.
Gleatte, L. A.
Greenleaf, A. B.
Hulbiut, S. C.
Jensen, A. F.
Kavana, J.
Koch, R. F.
Lewin, E. P.
Winiarske, M.
Lorentz, R. W.
McCormack, W. J.
Monaco, H. S.
Nilsen, E. C.
Olesky, W.
Muesse, H. S.
Ratushny, S. L.
Rubenstyne, J.
Yeomans, L. H.
Runzler, A. C.
Schmek, A. F.
Stockdale, R. S.
Sommer, A. J.
Trachman, L. R.
Wallac, M. R.
Wickes, J. Y.
Wickes, W. J.

STUDENTS IN INDUSTRIAL ARTS

Clasen, A. H.
Erickson, A. E.



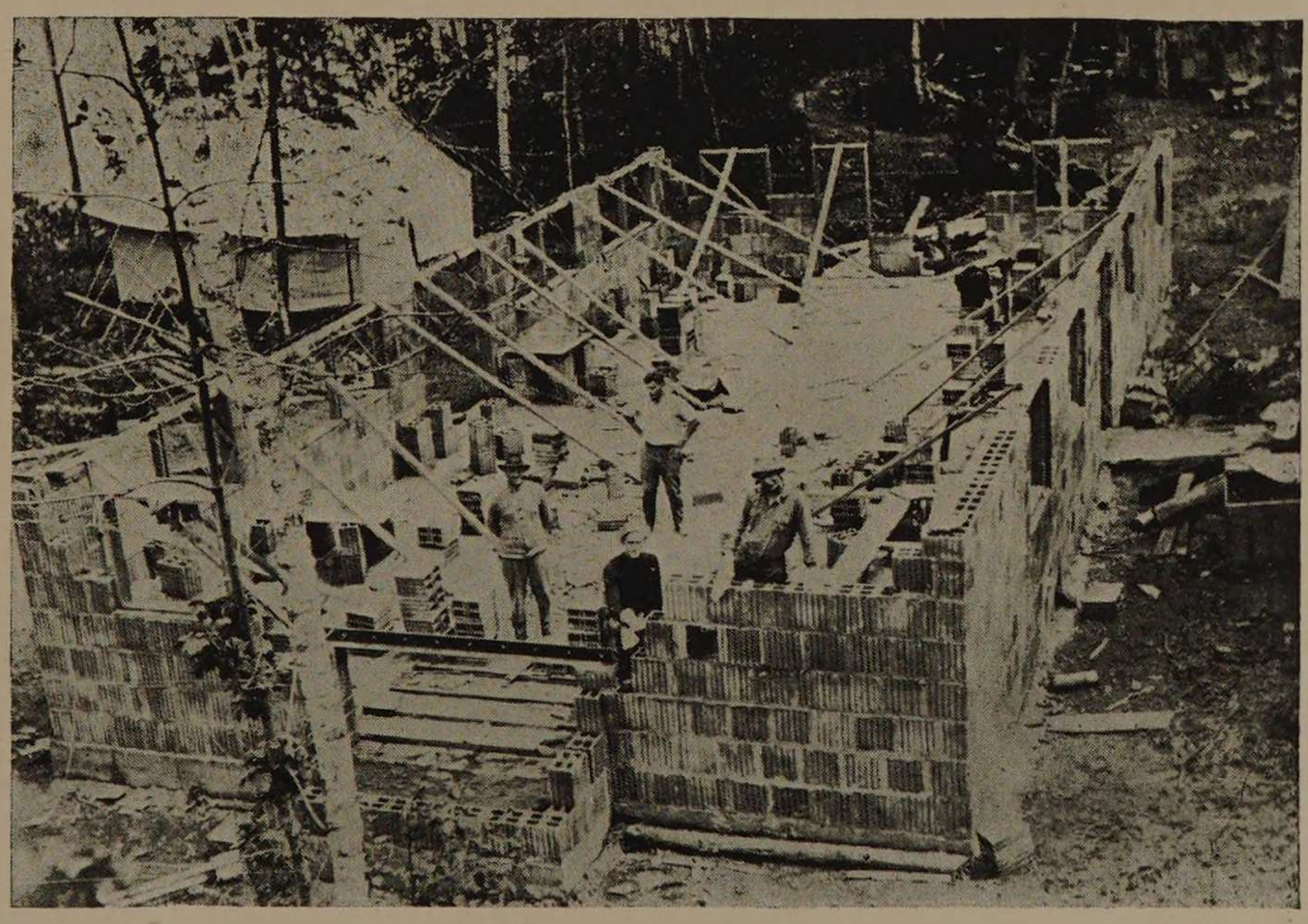
Summer Camp, 1915

On June 1st, at noon, a gloomy trio got off the St. Paul "flyer" at State House, Wis. The trip up to State House would have been uneventful, and probably without gloom, if it had not been for a young lady, and an accident. The accident happened to our alumnus, "String" Knuepfer, who started the gloom by spraining his ankle; and the said young lady caused more gloom by getting off the train one station too soon.

After checking up our baggage at the "station," we left everything, and went to the Ranger's Headquarters, where a dinner was awaiting us. After dinner we proceeded to get a team and transfer our baggage to Camp Armour. "String" did not want to wait for the team, so with his wooden leg and a small grip belonging to "Hank" Rook, he started to walk to camp. At the junction of the road into camp and the State road, "String" left the said grip, so that "Frosh" Nothhelfer, who was following, could tell in which direction to turn. About half an hour later some one went back after "Hank's" grip, but alas it was gone, some happy-go-lucky Lumber Jack had happened along, and "Hank" was minus one grip. (Maybe?) After this incident nothing else of importance happened, until the next Saturday.

On Saturday, June 5th, the rest of the bunch, consisting of "Army" Armstrong, "Eddie" Foy, "Bunny" Sostheim, "Prunes" Cooney, "Herr" Penn, "Pa" Phillips, and "Johnny," the cook, arrived. The number at camp this year was small, due to the fact that this year had been set aside for building, and only those that had to have the course, were allowed to come.

The following Monday, with "String" and "Hank" as experienced bricklayers, "Frosh" as mortar hog, and "Herr" as boss, the work on the main building was begun. The same day the four Seniors started their field work by taking a set of level notes.



Work on the building progressed rapidly, and it was not long before we were ready for the roof rafters. "Hank" cut all the rafters, and we all helped to put them up. The work on the roof brought out some of the strange characteristics of our budding young engineers. "Frosh" and "Herr" Penn soon became noted for being a pair that could work together on the roof, because each of them had a certain feeling that they preferred to

be on the ground looking up, than up, looking on the ground. "String" and "Eddie" soon became known as the two famous steeple-jacks of the outfit.

On June 19, Mrs. Phillips, accompanied by her two daughters, the Misses Jane and Langdon, and their friend, Miss "Billy" Townes, arrived in the camp, and immediately things began to brighten up.

About a week after the arrival of the ladies, we launched the A. I. T. That night we started our delayed calls on our neighbors. The first place we called was Whitheck's Resort, where some of the boys were well known. Here we again met the girl who caused the gloom the first day, and this time we had quite a conversation with her. Later in the summer, some pretty girls came to Whithecks, and with the aid of these we had a few successful dances both at Camp Armour and the resort.

The weather, with a few exceptions, was very good. As a general rule it was warm in the day time, and cool at night. During the rainy days we worked in the commissary tent, or wrote letters. The evenings were taken up by boat rides, playing horse-shoe, listening to our Victrola, roasting marshmallows, and attending or giving parties.

The bunch are remembered by the following incidents:

"String" Knuepfer, engineer of the A. I. T., receiver of much candy.

"Hank" Rook, owner of the traveling grip, and champion chimney builder.

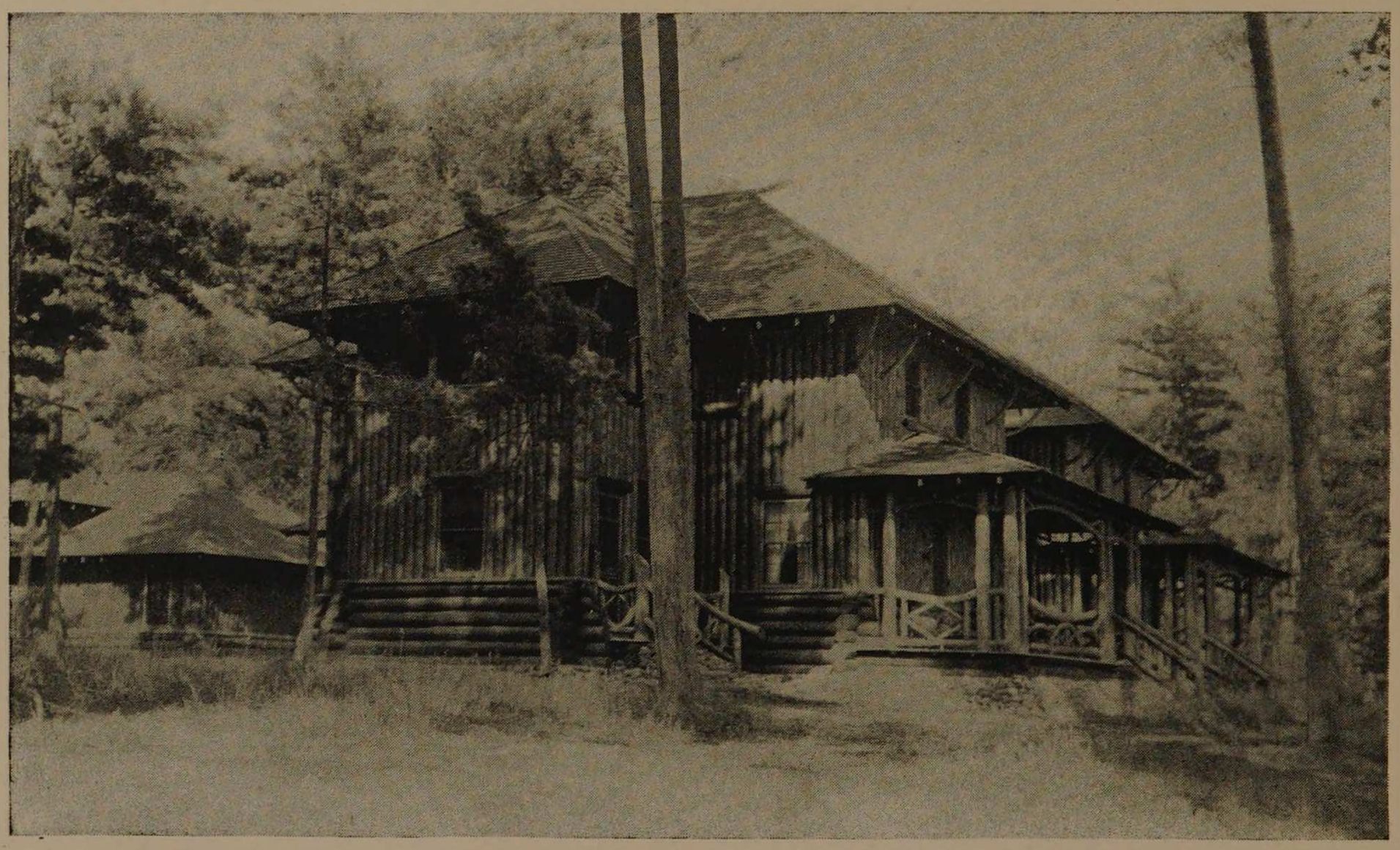
"Army" Armstrong, the boy who never missed a mail (either way).

"Prunes" Cooney, champion prune eater of the Middle West. Record—38. prunes for breakfast.

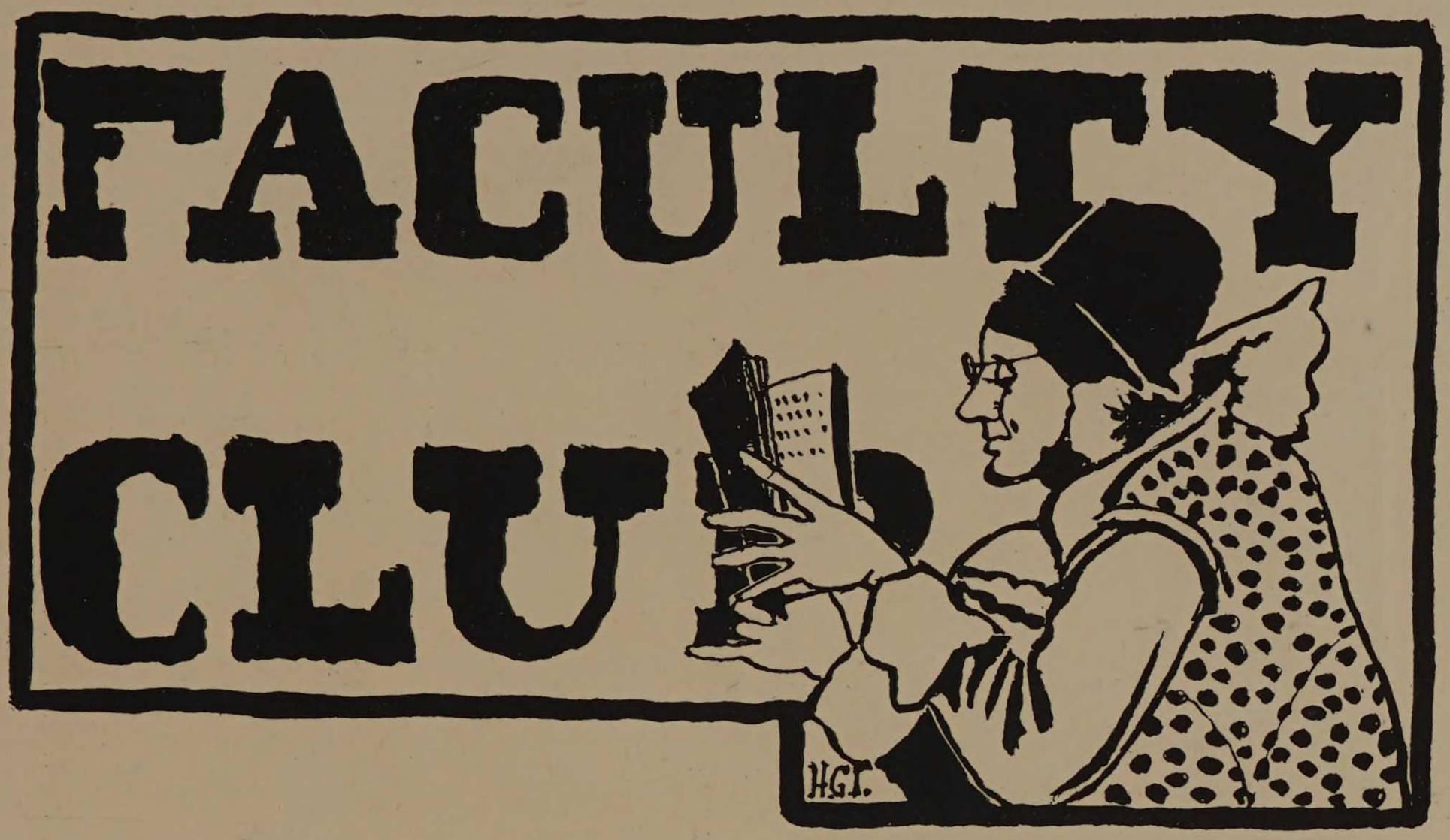
"Bunny" Sostheim, first up at midnight, July 4th.

"Eddie" Foy, dancer; and boys, he copped the only jane in the country-side.

"Frosh" Nothhelfer, lover of sport, skunk victim, greatest consumer of Johnnie's pies, and professional washerwoman, holds the record of four letters per day from the ladies.



ORGANIZATIONS



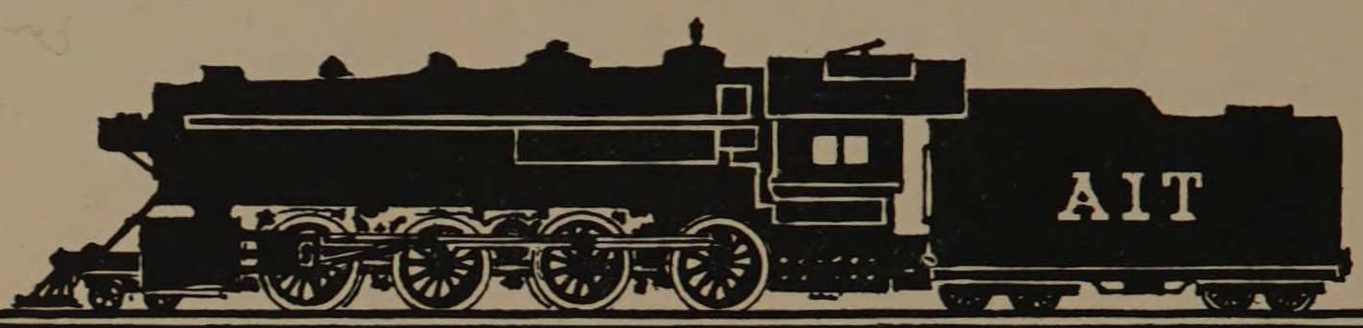
ARMOUR FACULTY CLUB OFFICERS

Honorary President	F. U. Smith
President	J. B. Finnegan
First Vice-President	J. P. Kennedy
Second Vice-President	J. C. Penn
Secretary	D. Roesch
Treasurer	C. L. Larson

MEMBERS

E. D. Agle
G. S. Allison
A. H. Anderson
H. J. Armstrong
D. F. Campbell
O. C. Clifford
C. B. Cooper
S. Dean
T. E. Doubt
J. B. Finnegan
C. H. Fornhof
E. H. Freeman
E. B. Freud
G. F. Gebhardt
J. J. Gilbert
F. U. Gunsaulus
P. C. Huntly
J. P. Kennedy
W. C. Krathwohl
W. L. Ladd
C. L. Larson
C. U. Leigh
E. S. Libby
H. McCormack
G. E. Marsh
L. C. Monin
D. B. Moreton
H. L. Nachman
C. A. Nash
C. T. Palmer
C. E. Paul
J. C. Peebles
J. C. Penn
R. V. Perry
G. M. Wilcox
N. P. Peterson
A. E. Phillips
H. B. Pulsifer
H. M. Raymond
J. S. Reid
D. Roesch
G. L. Scherger
J. J. Schommer
W. K. Smart
F. U. Smith
W. G. Smith
J. E. Snow
C. R. Swineford
F. Taylor
H. B. Thomas
C. A. Tibbals
M. B. Wells

ORGANIZATIONS



ASME

Armour Student Branch

American Society of Mechanical Engineers

OFFICERS

Honorary President	G. F. Gebhardt
President	J. M. Byanskas
Vice-President	B. S. Carr
Secretary	E. S. Echlin
Treasurer	L. Luckow

YEAR'S CALENDAR

October 21, 1915

The opening meeting was held in the form of a smoker. Professor Gebhardt and President Byanskas gave talks on the plans for the coming year.

December 2, 1915

Mr. B. S. Carr gave a talk and a demonstration on "Grip Nuts." Mr. Carr, who is a Senior mechanical, is employed by the Grip Nut Co., of Chicago, Ill.

The rest of the evening was given over to an open discussion on the subject of "Testing of Glued Wood Surfaces for Tension."

February 18, 1916

This was an open meeting at which Mr. Osburn Monnett, Former Smoke Inspector of the City of Chicago, gave an illustrated talk on "The Engineering Phase of Smoke Abatement Work."

March 9, 1916

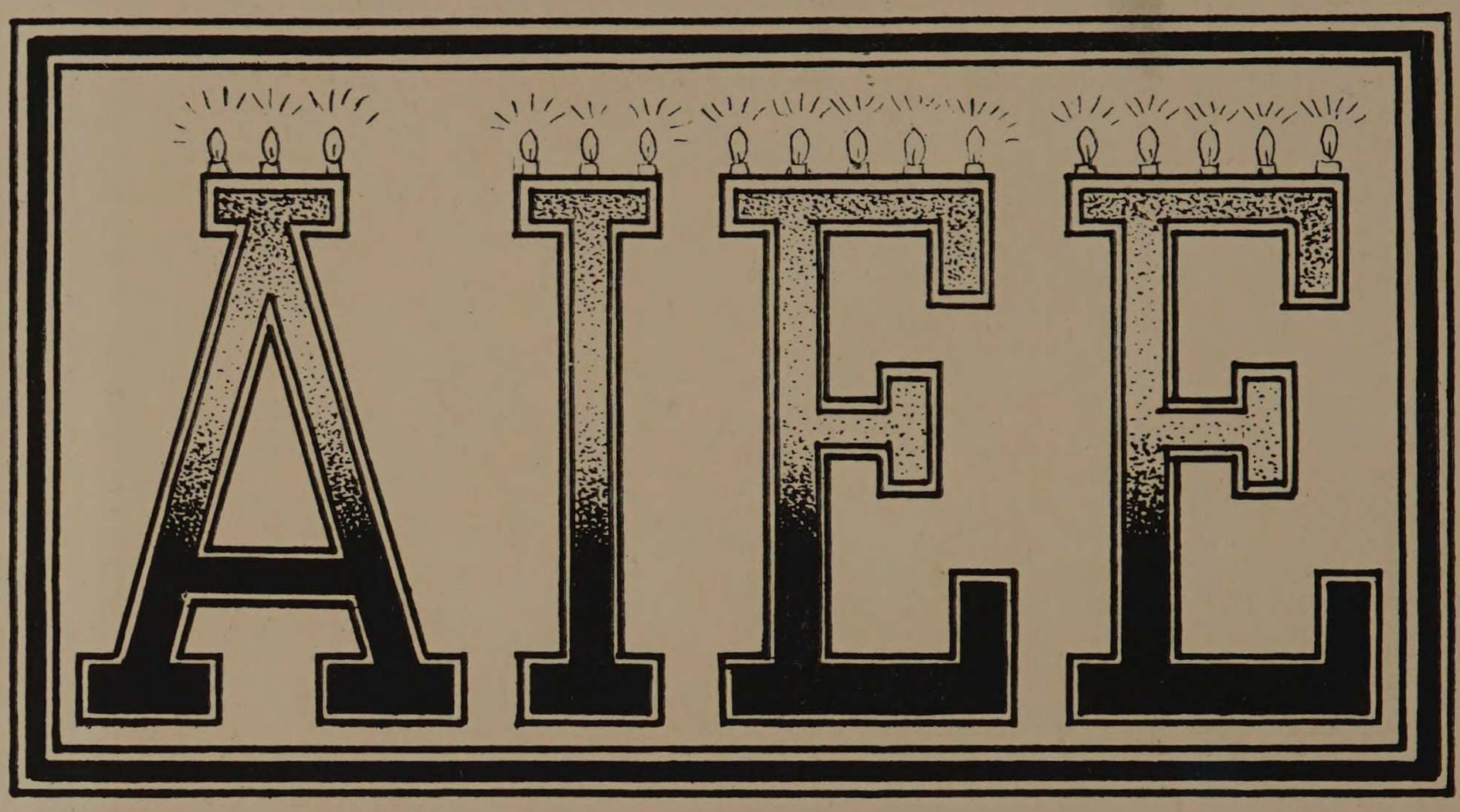
An inspection trip was taken through the Ford Assembly plant at Chicago, Ill.

March 16, ,1916

This was a regular meeting, at which Professor Gebhardt asked practical questions and submitted practical problems to the members.

Top Row: Strauch, Pimstein, Mouat, Wilcox, Broman.
Second Row: Carr, Byanskas, Huntly, Peebles, Echlin, Luckow.
Third Row: Willett, Plocinsky, Luttge, Morse, Bauer, Goodman, King.
Bottom Row: Fritze, Haines, Armspach, Steindled, Robechek, Miller.

ORGANIZATIONS



Armour Institute of Technology Branch of the American Institute of Electrical Engineers

OFFICERS

Chairman	ARTHUR A. OSWALD
Secretary	JAMES F. HILLOCK
Treasurer	HARRY S. KATZ

The Armour Institute Branch of the American Institute of Electrical Engineers was organized February 26, 1903, the object being to bring the students in touch with the engineering field, through its own efforts in conjunction with the main organization.

The students are given the benefit of discussions by men of experience in the engineering world, and are also given the chance to obtain practice in the preparation and presentation of papers upon technical subjects at the monthly meetings.

Through the "PROCEEDINGS" the members obtain information concerning the interesting papers given by the members of the national organization, in addition to the description of everything recent in the electrical science, both in theory and in practice.

The various meetings of the year were as follows:

September 28, 1915—Business meeting and smoker.

October 26, 1915—"Handling and Storage of Ashes in Power Plants," Mr. A. P. Strong, Engineer, Green Engineering Company.

November 30, 1915—"Business Aspects of Engineering," Mr. W. S. Taussig, of the General Electric Company.

January 4, 1916—"Automatically Controlled Sub-stations," Simpson, 1916.

February 25, 1916—"Rates," Bland, 1916.

J. F. HILLOCK, Secretary

Top Row: Katz, Simpson, Shapiro, Weeth, Wolfson.
Second Row: Kleinman, Hupp, Prof. Clifford, Summerfield, Rosenberg, Cooney.
Third Row: Edlund, Hillock, Oswald, Bland, Enzler, Smith.
Bottom Row: Haase, Alender, Earle, Wright, Porges.

ORGANIZATIONS

Armour Civil Engineering Society

President	H. A. Rook
Vice-President	L. J. McHugh
Recording Secretary	H. W. Hemple
Corresponding Secretary	R. S. Adams
Treasurer	F. C. Armstrong

BOARD OF DIRECTORS

Faculty Member	Prof. M. B. Wells
Student Member	A. C. Wermuth

The Civil Engineering Society was organized in 1905, with the object of gathering the upper classmen together, from time to time for the purpose of discussing Civil Engineering topics. At first, the custom was to have papers prepared and read by the student members. During the last few years, however, a change of sentiment has taken place, in that the Board of Directors have felt that more benefit would accrue to the members, by having men engaged in active engineering practice address the society. The latter policy has been followed during the last year and has been found to be a success.

The following meetings have been held during the year:

October 5, 1915—According to custom, the first meeting of the year was a smoker, at which the new members were initiated into the society.

October 19, 1915—Professor J. C. Penn: "The Construction of the North Avenue Bridge." The speaker worked on this bridge, and his talk concerned itself with his personal experiences while on the job.

November 2, 1915—Professor M. B. Wells: "The Construction of the Chicago Drainage Canal." An illustrated lecture showing the various methods used in excavating material on this big project.

November 23, 1915—Mr. Gerber: "Exigencies of Camp Life." The speaker has had a vast experience as chief of surveying parties, and his talk concerned itself with various items which go toward making a successful camp.

January 4, 1916—Mr. Ford, of the Du Pont Powder Co.: "The Use of Explosives in Engineering." An illustrated lecture showing the various uses to which explosives are put in making roads, building ditches, and improving new land for farming.

February 1, 1916—Mr. Sharples, of the Barrett Manufacturing Co.: "Bitumens and Their Uses." An illustrated lecture showing the various processes to which the bitumens are subjected from their origins to their final applications on the road.

February 29, 1916.—Election of officers and smoker.

Top Row: Stride, Smith, Cooney, McHugh, Simpson, Tierney.
Second Row: Adams, Hemple, Rook, Hahn, Shaw, Miller.
Third Row: Dean, Wells, Raymond, Phillips, Armstrong, Penn, Kucera.
Fourth Row: Kleinman, Goldberg, Schrieber, Goodman, Harvey, Edlund, Walder, Altman.
Bottom Row: Starkel, Brower, Chun, O'Grady, Kinnally, Armstrong, Foy.

ACHES

The Armour Chemical Engineering Society

OFFICERS

President	G. B. Perlstein
Vice-President	N. J. Goorskey
Secretary	S. Butterman
Treasurer	N. Isenberg

The Armour Chemical Engineering Society is now in its thirteenth year, having been organized in February, of 1903. The purpose of the society, as set forth by its founders, is to bring the students in Chemical Engineering into closer association and to foster a professional enthusiasm by providing a series of discussions and talks on questions of practical importance, effecting, at the same time, a means of familiarizing the members with practice in the chemical industries which, perhaps, in ordinary study has not been so carefully defined. The policy of presenting student papers, which had been adhered to in earlier years has now been discarded, all lectures being delivered by faculty members or by men of outside prominence.

A new feature, recently initiated, is the custom of holding meetings in the late afternoon rather than in the evening. This modification of policy has resulted in a much increased attendance, and has encouraged a series of lectures not easily surpassed.

Our meetings and their speakers were:

September 10, 1915—Business Meeting.

October 7, 1915—Professor McCormack, on "The Chemical Problems of Today."

November 4, 1915—Professor Freud and Dr. Doubt, on "The Modern Conception of Atomic Structure."

January 6, 1916—Dr. Tibbals, on "Radium."

February 12, 1916—Annual Banquet at Hotel Sherman. Speaker, Prof. McCormack.

Top Row: Goorskey, Marx, Wilkins, Mease, Bolte.
Second Row: Eisenberg, Smith, McCormack, Perlstein, Durant, Dougherty.
Third Row: Friedman, Hankan, Markham, Fitzner, Butterman.
Bottom Row: Richards, Wollaston, Evans, Kendall, Luckow, Cable.

Armour Fire Protection Engineering Society

OFFICERS

President	L. Peterson
Vice-President	W. P. Tronvig
Secretary	A. Corman
Treasurer	R. F. Schreiner

HONORARY MEMBERS

Professor Fitzhugh Taylor
Professor J. B. Finnegan

Under the able guidance of our worthy president, and with the greatly appreciated aid of our honorable Professor J. B. Finnegan, the Armour Fire Protection Engineering Society has completed the most successful year of its existence. The program for the year consisted of well prepared and very instructive lectures given monthly by men who stand high in the field of Fire Protection. From these talks the student was given an insight into the practical side of the vast and ever increasing in which he is interested, and the infinite number of opportunties open to him.

The following program for the year carried out this idea:

November Lecture—Mr. G. B. James, Assistant Chemical Engineer, Underwriters Laboratories.: "Oil Fires in Oklahoma and Texas."

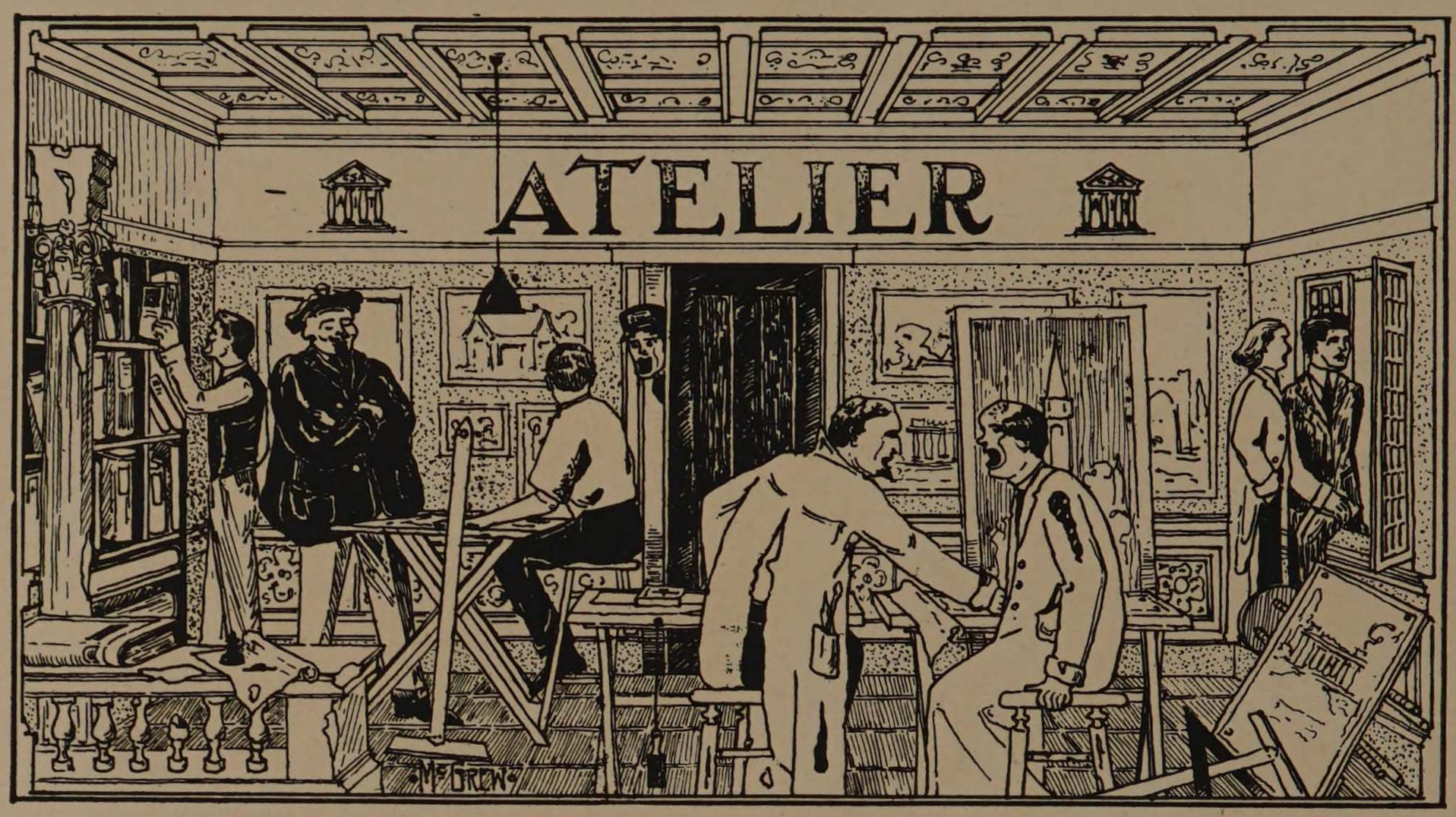
January Lecture—Mr. S. V. James, Head of the Casualty Department, Underwriters Laboratories: "Safety Engineering."

February Lecture—Mr. Claude Alling, Head of the Sprinkler Department, Underwriters Laboratories: "Testing of Automatic Sprinklers."

March Lecture—Mr. Hendricks, Hydraulic Engineer Underwriters Laboratories: "Dry Pipe Valves."

These lectures were remarkably well given. The Fire Protection Society only regrets that it cannot give in detail in this space the magnificent features of each lecture. Suffice it to say, that we have yet to hear one of these illustrious speakers who has not aroused the appreciation of the audience for the knowledge derived. Much credit is due to Professor Finnegan for his good judgment in selecting these men to speak. The society closes its prosperous and inspirng year hoping that the members will be as fortunate in years to follow in securing such able lecturers as the society has been honored with this year.

Top Row: Corman, Grasse, Taylor, Maguire, Roberts.
Second Row: Conway, Hall, Peterson, Finnegan, Schreiner, Mattern.
Bottom Row: Kingsley, Puschel, Goppelsroeder, Bower, Tronvig.



OFFICERS OF THE ATELIER

L. J. Bergman	Massier
B. L. Roos	Secretary
C. W. Farrier	Treasurer
S. C. Finkelstein	Social Chairman
I. H. Braun	Purchasing Agent
A. N. Dryden	Press Agent

The Atelier of the Architectural Department was founded in 1906, the purpose being to promote a closer relationship between the different classes of the Department, the instructors and the members of the architectural profession. Smokers held at intervals of three or four weeks, with leading architects and prominent speakers to give talks, was planned from the start, as the principal function of the Atelier.

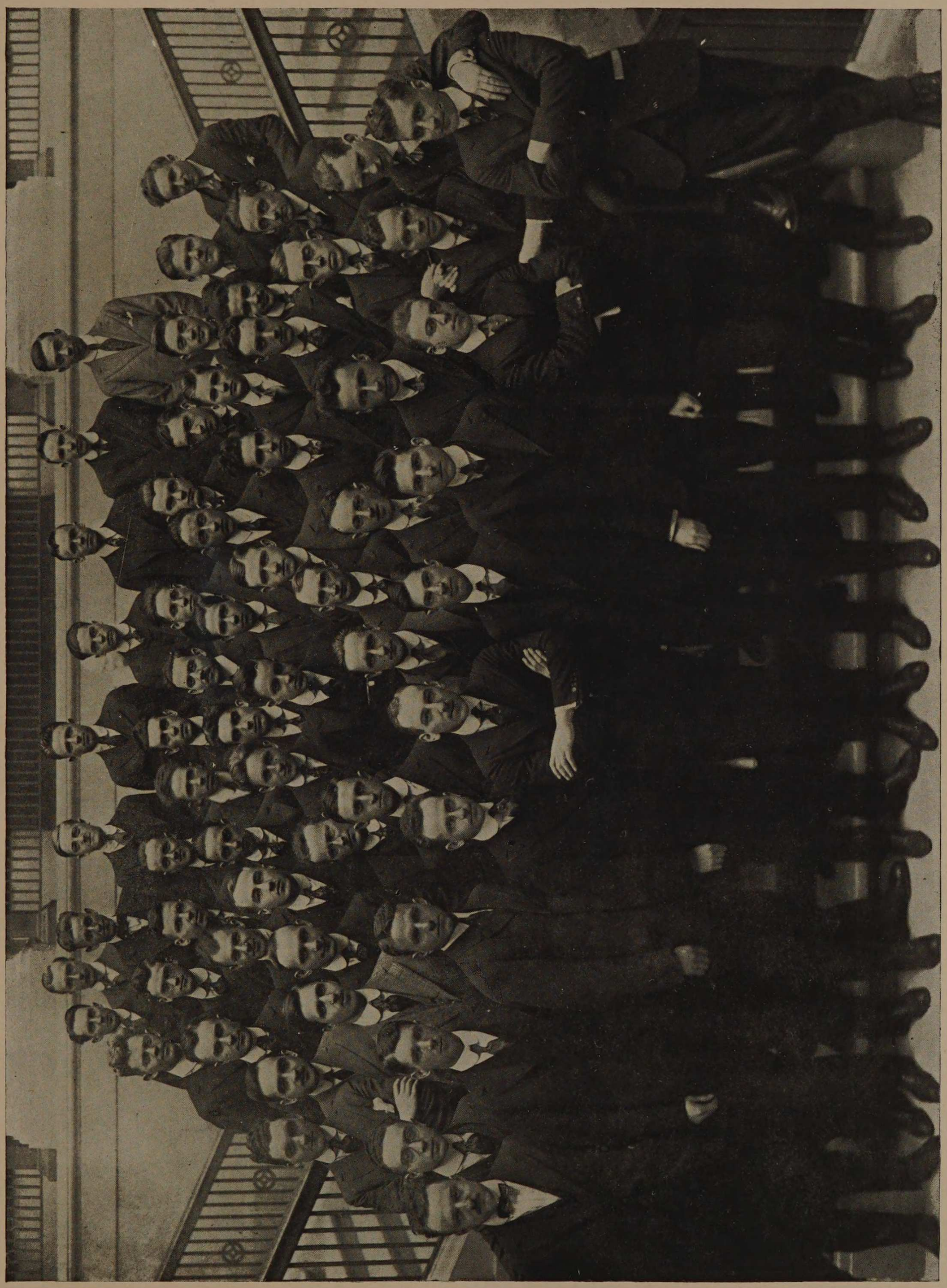
This past year we have been most successful in having at these smokers, Mr. Fallows, who gave a fine illustrated talk on China; Mr. Rice, with his interesting comparison of Poetry and Architecture; Mr. Richardson, who dealt with the necessity of working to a definite point; and our own E. S. Campbell, with his many helpful as well as new ideas for us to follow. The smoke, feeds, entertainment and "swat-fests" sure added to the whole, making each one worth while.

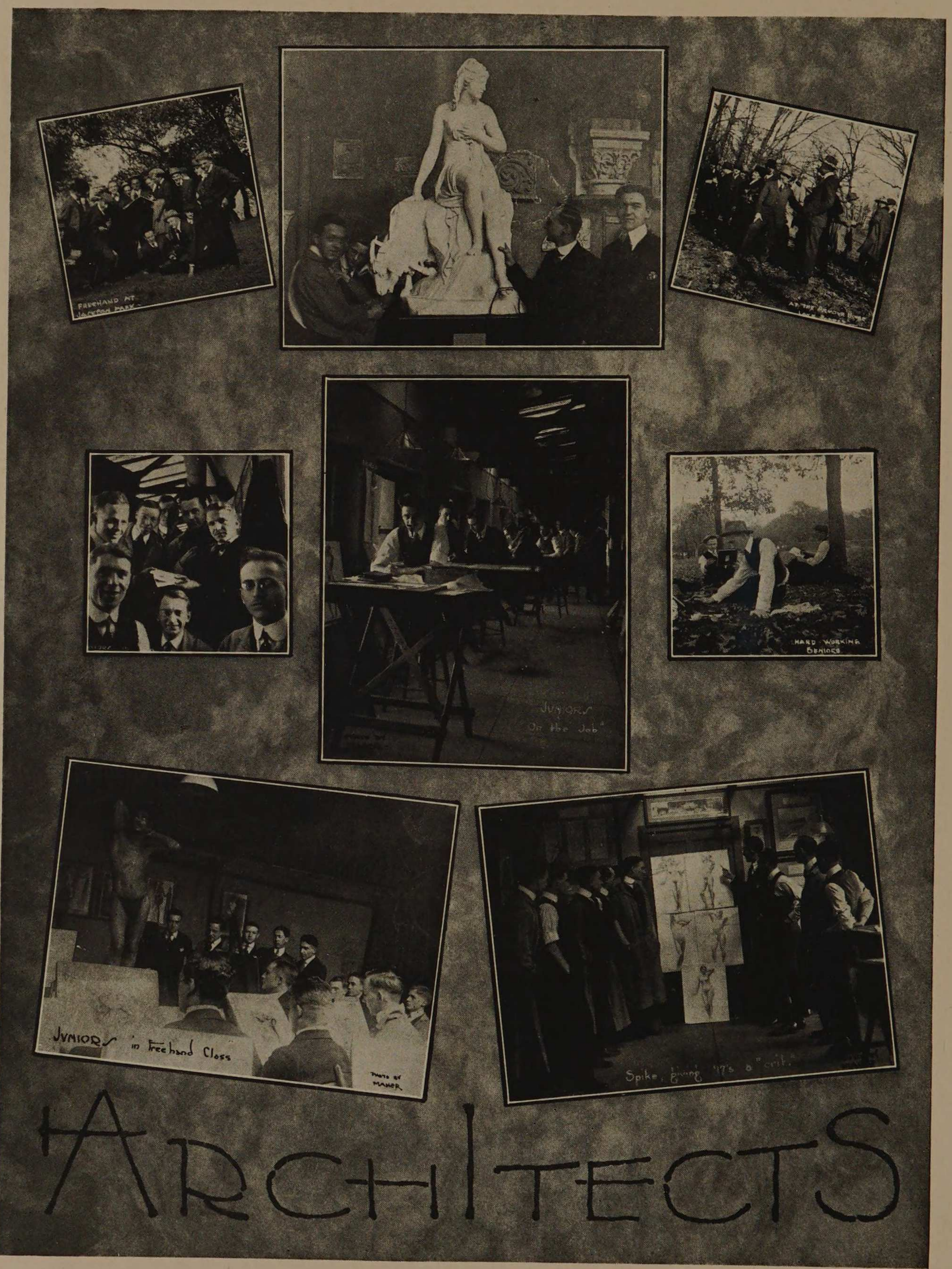
An affair of "stinging" impression to some, was the Freshman Initiation, held November 12th, 1915, when about twenty of the nineteen's and a few of the eighteen's who for tender reasons had put off the ordeal, were duly made members. Needless to say, our Sophs impressed upon the minds, upper lips, and bodies of our Freshmen, the sound principles of the Atelier.

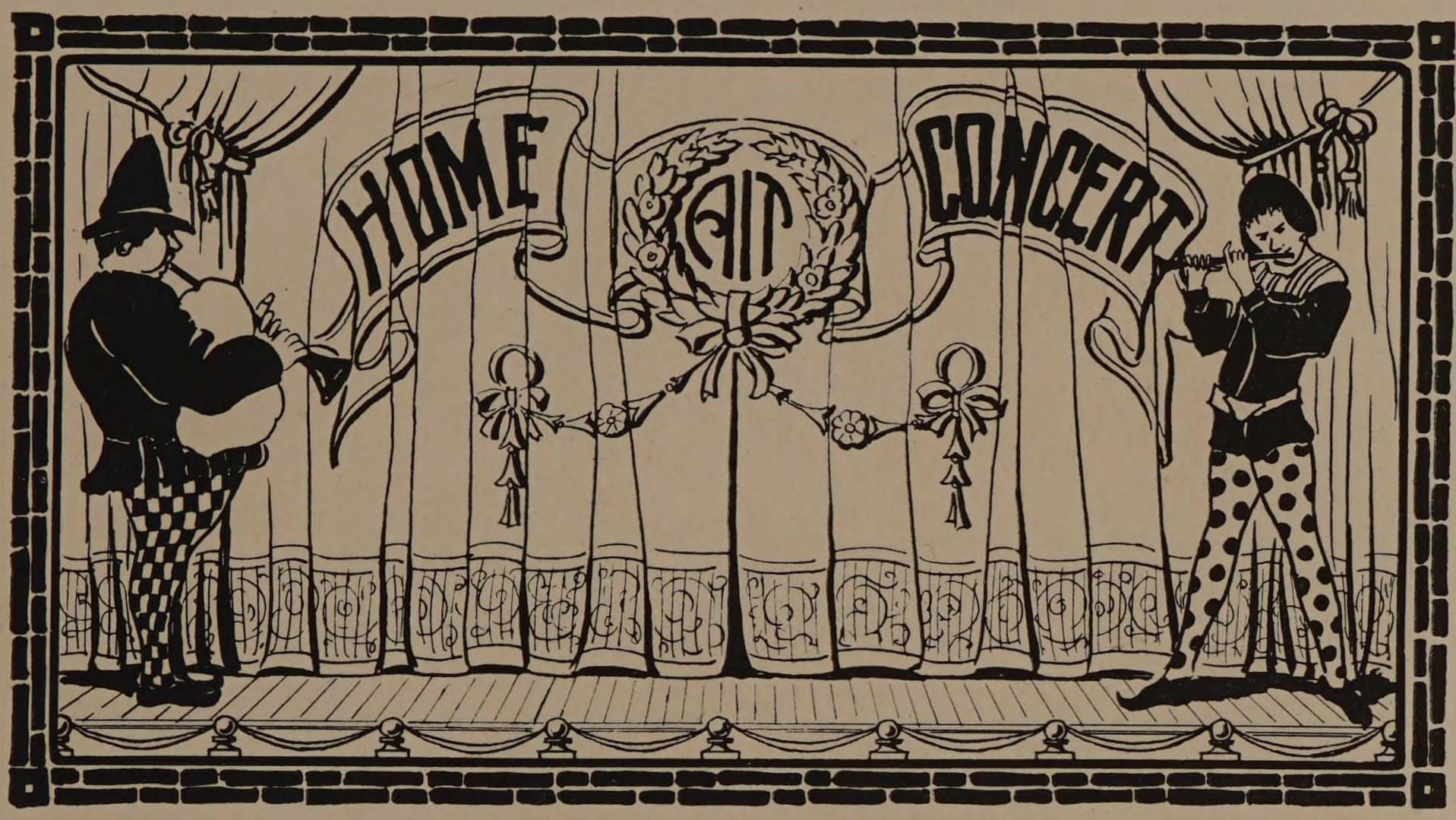
Our Seniors were given a rare treat on October 17th, when they visited the country home of J. Ogden Armour, a trip made possible by the Scarabs. Arriving at the Lake Forest Fairyland, we were given a complete tour of the grounds, garage and outer buildings of the place, after which a wonderful meal was served us in the mansion itself. A thorough tour of the house followed, and needless to say, the eyes of the "budding architects" were dazzled by the undreamed of beauty.

Another big blow-out of the year was the Atelier Dance. And oh, what a dance! It took place at the Blackstone Hall, Art Institute, on January 15th, and was, by unanimous opinion, the best Armour dance of the year.

This year the Atelier will lose many of its strong supporters, "Ester, Mush, Klerntz, Bernie, and Oh, Vader," who have engineered its functions for four years, are through, and with them go "Beeleo, old K.M.A.P.A., Arch, Erntz, Kabibble, Red, Semmy, Heinie, Bogan, Elk," and the bunch. "S'long, you done proud." "What's 'at."




FREEHAND AT JACKSON PARK.
AT THE ART INSTITUTE
HARD WORKING SENIORS
JUNIORS On the Job"
JUNIORS in Freehand Class
PHOTO BY MAHER
Spike giving 97's a "crit."
ARCHITECTS

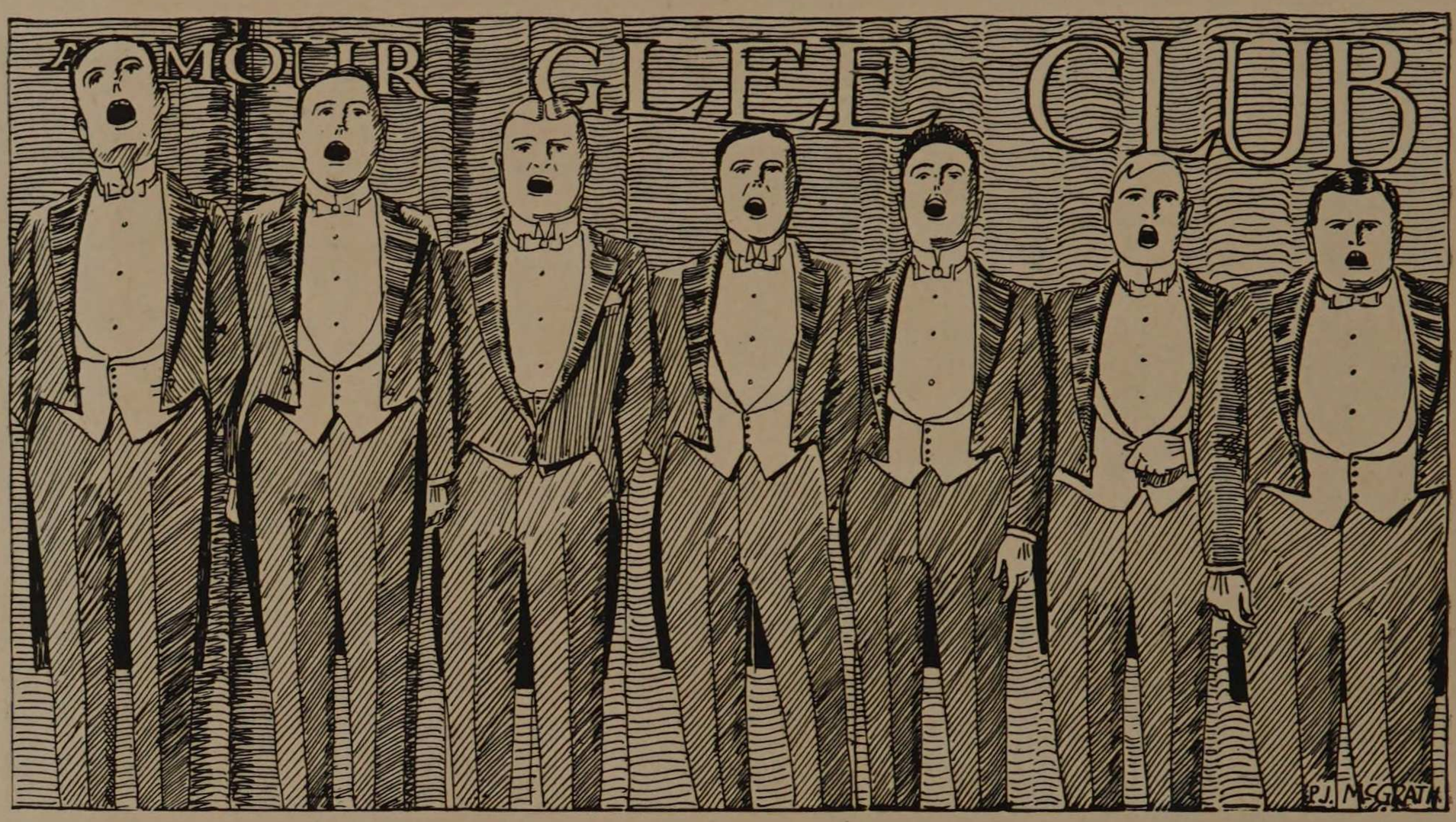


THE HOME CONCERT

Glee Club, Mandolin Club, Sextette, Quartette, Trio, and Soloists all joined in giving their best selections to make the Home Concert, on March the seventeenth, at Armour Assembly Hall, the memorable occasion of the year. With the Glee Club larger than it has been in years, and the Mandolin Club, augmented by violins, flute, clarionets, and ukuleles, gave out volumes of sound never heard before at the Institute. The enthusiastic audience, record breaking in its size, were with the Clubs heart and soul from the first note of "America Triumphant" until the last soft strain of the Hawaiian melodies had died away, calling each number back for one or even two encores.

The program the Clubs gave on the occasion of the Home Concert was varied. There were patriotic airs, "Under the Banner of Victory," and "America Triumphant," the Classical "Sextette from Lucia," "My Old Kentucky Home," introducing a bit of the real South itself as it was rendered by Mr. Huffaker, on the banjo. The humorous selections by our character artists, Messrs. Ingraham and Fritze, the Hawaiian melodies, not forgetting "A Little Bit of Heaven," inserted in honor of the Saint upon whose birthday our concert happened to fall. The encores gave opportunity to bring in local color in the form of college and Armour songs as the "Math. Profs," the "Little Cotton Dolly," "Yea Armour," and "Upward and Onward." During the intermission, the audience was highly entertained with selections by "The Country Band," composed of some of the Mandolin Club members. It was hard to realize the same instruments that produced the "Entry of the Gladiators," or "Destiny Waltz," could give out tones so "jangled out of tune," but it was all in the evening's fun.

It is very difficult to mention any one or two or half dozen to whom special credit for the Home Concert was due, for everyone, from the highest tenor to the lowest bass, deserves praise. The Concert represented long, tedious rehearsals, sacrifices of time and study on the part of both Mandolin and Glee men who willingly did all for the glory of Armour.



BRADLEY SAYRE CARR, Business Manager
FREDERIC PAUL STRAUCH, Assistant Business Manager
Leader, J. R. LEVALLY
Director, W. G. SMITH

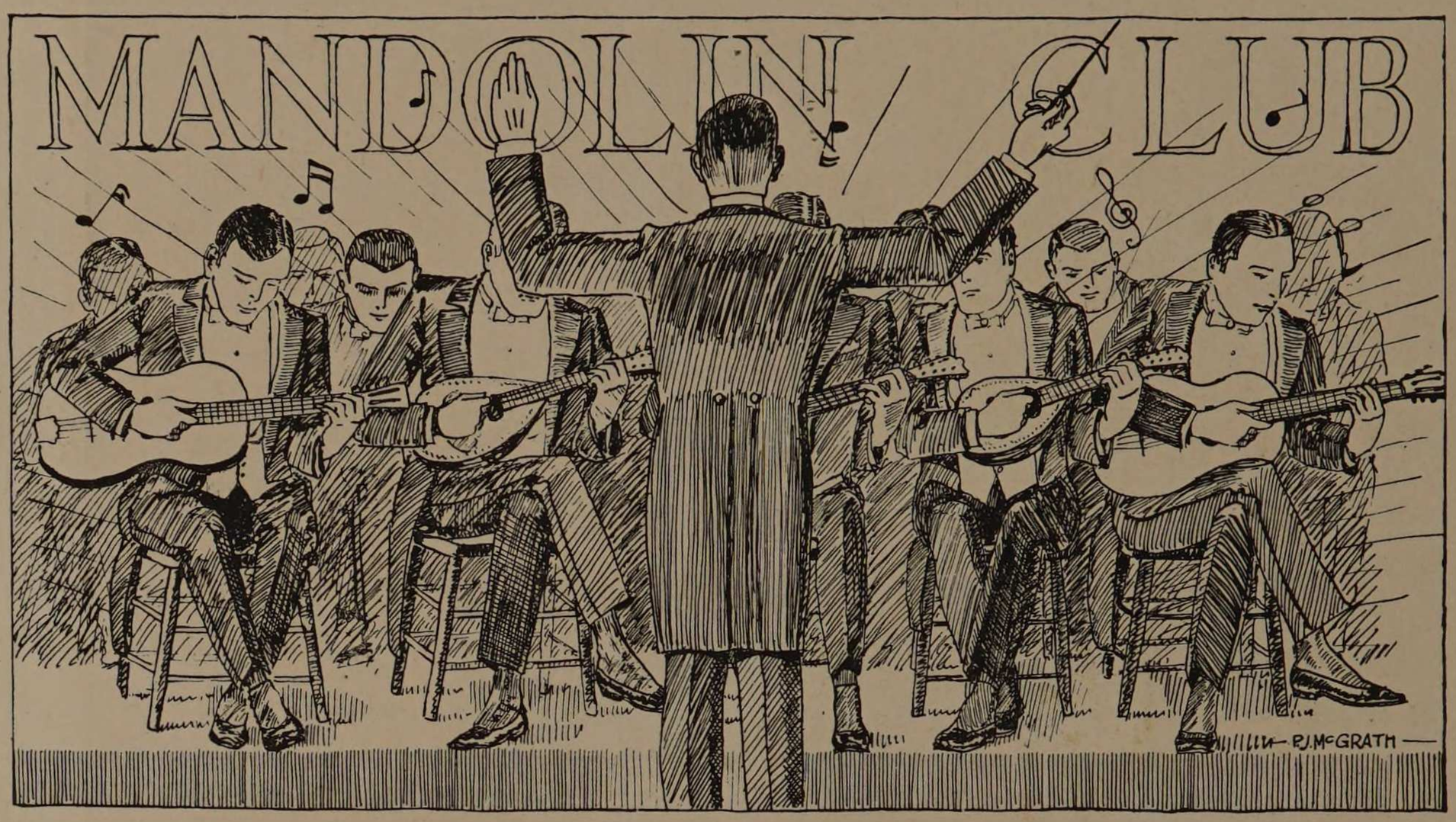
First Tenor	*Second Tenor*	*First Bass*	*Second Bass*
R. GOPPELSROEDER	J. E. ALEXANDER	L. L. EDLUND	D. C. BERG
H. W. HANCHETTE	B. S. CARR	S. R. EVANS	C. L. BOLTE
J. F. HILLOCK	J. D. HARVEY	A. M. GRASSE	W. H. BRETTING
H. G. INGRAHAM	V. E. HUPP	R. N. MANN	G. T. DOUGHERTY
L. E. MELLOR	R. F. KOCH	E. R. MARX	G. M. FRITZ
W. G. SMITH	J. R. LEVALLY	F. P. STRAUCH	E. F. QUINN
	H. N. SIMPSON	W. J. WIGNALL	H. A. ROOK
	H. E. TAAKE	L. H. YOEMANS	P. A. WINDERSHEIM

Piano, G. T. DOUGHERTY

Carr | Strauch | LeVally | Bolte

Top Row: Quinn, Bretting, Berg, Wignall, Mellor, Koch, Hillock.
Second Row: Ingraham, Bolte, Strauch, Carr, Smith, LeVally, Hupp, Simpson.
Third Row: Goppelsroeder, Taake, Dougherty, Edlund, Yeomans, Harvey, Rook.
Bottom Row: Fritze, Alexander, Mann, Evans, Grasse.

ORGANIZATIONS



Leader, C. L. BOLTE

Director, C. D. SMITH

First Mandolin
C. L. BOLTE
P. J. MCGRATH
H .N. SIMPSON

Second Mandolin
V. M. CROWN
A. R. EDWARDS
R. E. MARKS

First Violin
W. HANKAN
S. E. SOSNA
F. P. STRAUCH

Second Violin
E. D. PORGES
P. A. WINDESHEIM

Cello
D. C. BERG

Banjo
N. L. HUFFAKER
K. A. MCGREW

Banjo-Mandolin
F. M. DAVISON

Ukulele
L. A. KING
R. F. KOCH
J. R. LEVALLY
H. K. WILSON

Clarinet
S. PIMSTEIN
G. F. WETZEL

Drum
G. M. FRITZE

Flute
C. L. GAUL

Piano
G. L. DOUGHERTY

THE GLEE AND MANDOLIN CLUBS

"It is always fair weather when good fellows get together."

This line was not written about the Armour Glee Club, but, when "the good songs ringing clear," every fellow feels the same inspiration in singing together the college songs that have crystallized the college spirit of the older universities throughout the centuries. The best way to foster college spirit in one is by belonging to musical organizations that play and sing "Yea Armour;" the second best way is to be one of an audience that listens to it. However the others may come an go, a Glee Club man never forgets the fellows he sings with, the Institute he sings about, or the audience he sings for.

The Armour and College songs formed the basis of the music that the organizations studied and presented throughout the year. To them were added national airs, southern melodies, Hawaiian sings, humorous selections, and others of the popular type that one expects from college organizations. On every program, numbers were given by group combinations of the trio, quartette, and the sextette, not to mention the popular special features—the German Lesson and Bert Williams, hisself. The Mandolin Club could always be depended upon to delight its audiences by selections of stirring type, as "Under the Banner of Victory," as well as to charm them by the soft, dreamy southern melodies and the weird Hawaiian songs.

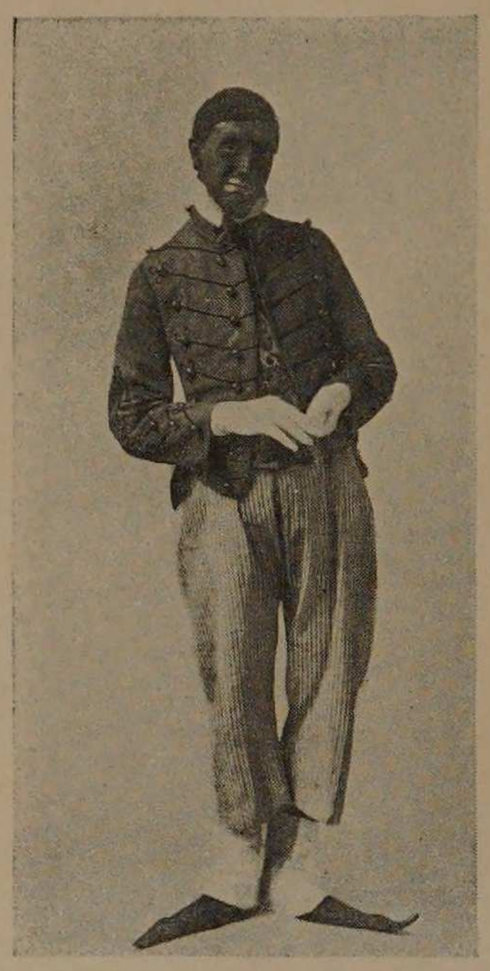
Besides the Home Concert of March seventeenth, the Glee and Mandolin Clubs filled a large number of engagements in different parts of the city, thereby spreading the name and fame of Armour. Among the events to be remembered are the entertainments given at the banquet of the Illinois Manufacturers' Association, at the dinner of the Business Men's Prosperity Club; at the dedication of the Auburn Park Masonic Temple; and the benefit concert of the Argus Club at Central Music Hall.

Top Row: Simpson, Wilson, McGrath, Koch, LeVally, Porges, McGrew.
Second Row: Berg, Sosna, Strauch, Bolte, Carr, Dougherty, Gaul, Crown.
Bottom Row: Huffaker, Fritze, Pimstein, Marks, Edwards, Davison.

BERT WILLIAMS HISSELF

Harold Ingraham, as Bert Williams, hisself, needs no introduction to an Armour audience. The black-faced comedian with his soft, rolling darky dialect, his broad-toed shoes, and his high white collar, has been the hit of many a Glee Club Concert. The domestic troubles with his vampire wife brought tears—the tears that come from excessive laughter—to the eyes of many an audience. Will you ever forget the poker game, the slow offering of chips, the call for new cards, the suspicious glances, and the last sad call for a show down? Will you ever forget it?

Ingraham has been a very great worry to the managers all season. At one time it was rumored that the original Bert Williams had become so jealous of the imitation that he was about to issue a court injuncton restraining the production. At another time there was great danger that Harold would sign up with Ziegfield for the remainder of the season. But we kept him with us, and long may he remain to entertain us.



HAROLD INGRAHAM

THE GERMAN LESSON

George M. Fritze's pictorial German Lesson delighted many an audience during our concert season. By closely following his instruction, one lesson was enough to make his hearers finished linguists. Each word was chosen with care, depicted with lifelike naturalness, and pronounced with gutteral emphasis. The constant review of the words learned was a point of great pedagogical importance.

Fritze's costume had no small part in the success of his characterization of "Der alte Lehrmeister." "Der kleine weisze Hut und der rote Schnurrbart," while not a part of the lesson, became as firmly fixed in mind as "Die alte Mutter," or "Das Eisenbahn." The pointer he flourished became the magic wand which drew out and sometimes drove out the deep German sounds. So transformed did his audiences become that they forgot for a time their native tongue and, at the end of the lesson, with one accord, shouted, "Hoch, der Deutche Lehrmeister!"

GEORGE M. FRITZE

Smith LeVally Mann Fritze

THE QUARTETTE

LeVally Simpson Strauch Bolte Dougherty Wilson

THE SEXTETTE

H. G. Mouat
F. P. Strauch

G. W. Cloidt
H. B. Maguire

O. M. Hulllinger
C. Hill

H. C. Monaco
S. Miller

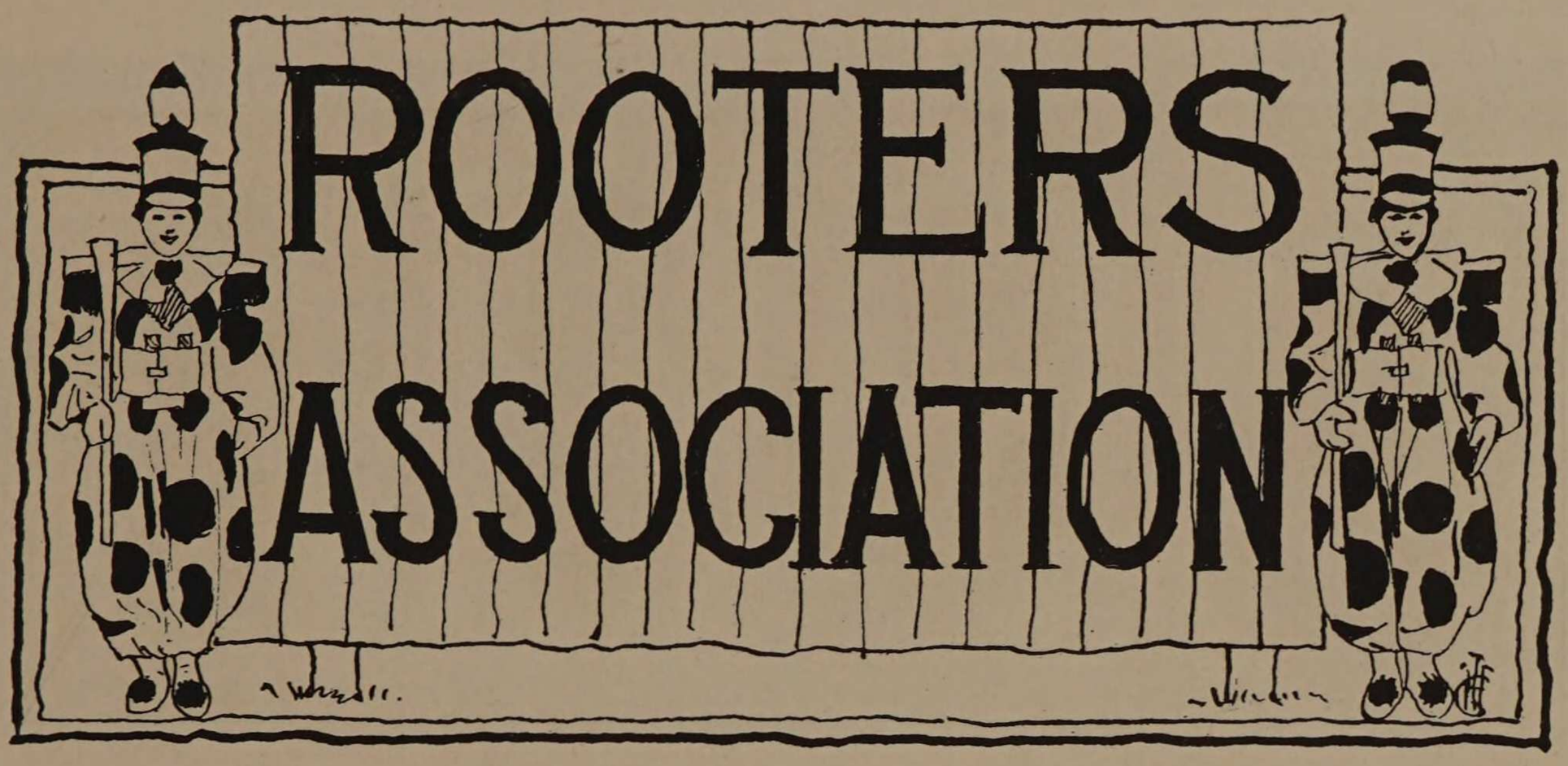
Armour Rooters Association

F. P. Strauch . . . . . President
H. B. Maguire . . . . . Vice-President and Treasurer
Claude Hill . . . . . Secretary
S. N. Miller . . . . . Cheer Leader

CLASS REPRESENTATIVES

H. G. Mouat 1916
H. G. Cloidt 1917
O. M. Hullinger 1918
H. Monaco 1919

ORGANIZATIONS



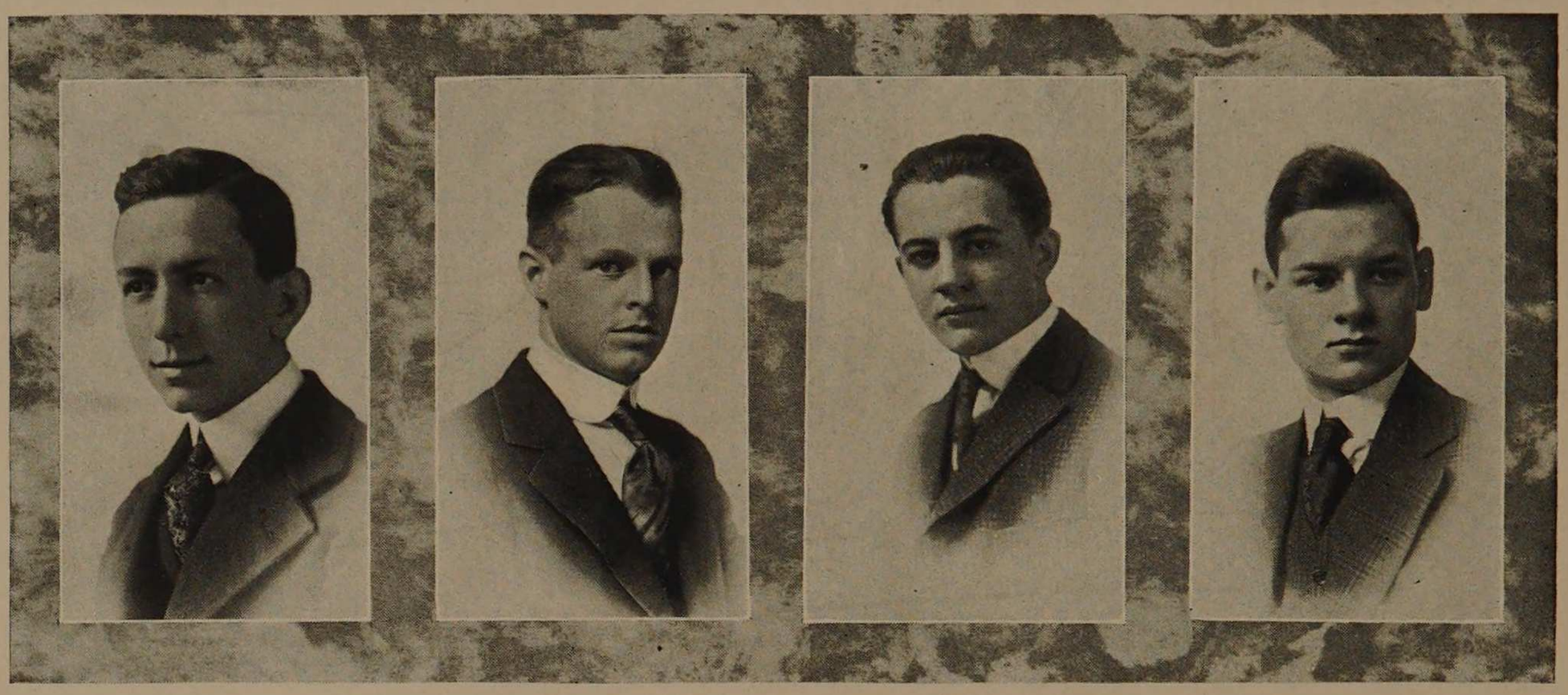
At Armour the athletic situation is very different from that at most colleges, inasmuch as the fellows do not have the time to spend in the various departments of the sports. It seems also that the fellows do not take the interest that they should in the athletic events either by going into them or by giving their support in attending. It was to get around just this situation that the Rooters Association was founded. The primary object of this body was to install a feeling of proudness, or rather patriotism into the fellows about the athletics of their Alma Mater.

The first thing is to get the students to come out and attend the games and track meets that are held throughout the year. After they do this and get enthused with the spirit of things, they will then generally come out and go in for the events themselves. The Rooters Association has done a great deal for this situation, and through its endeavors many more fellows have come out for the athletic end of things than ever before. Nothing is more inspiring to a man than to have a good, stiff Rooters meeting just before a large game or track meet, and talk things over, pro and con, and always agree that no team has the chance that our team has.

The Rooters Association is the very backbone of all of the school events held at Armour. It supports the men who have gone into athletics, and makes them feel that they are working for something. Everybody knows that just a small amount of cheering will spur a man on to give all that is in him, especially if he knows that the school is watching him. The rewarding of the prizes for the various meets, etc., held, are awarded at the meeting of the Association, and the men are given their just praise where it should be given.

This next year the Rooters Association of Armour is going to be carried out on a larger scale than it ever was before. One of the first steps to be taken is to decide upon a button which will be symbolical of the object of this Association, and then let the fellows know that they are supposed to wear it at all times, especially at the games and other events. These badges can be of small cost, and still do the work that they are intended for. It will soon be that a man will not appear at any school function without one of them on. If he did, it would mark him down as a fellow who did not have any interest in school affairs. So why not help, join the Rooters Association, attend all of the school functions, go into every athletic event that you are fitted for, and help boost our Alma Mater.

Just to show what a little enthusiasm will do, take the example of the Basketball Team. Until this year our team has not beaten Beloit in a game of basketball since 1911, but due to the activities of the Association there was a large attendance at the game with Beloit this year, and Armour won as she always should. It might be well to add here, that the cheering of the spectators played no small part in this victory. So, come on now, fellows, and when we come back next fall let's all join the Rooters Association, make up our minds not to miss a single meeting, a single game or school function.



W. Russell Owen | Harold Kleinman | H. W. Puschel | H. Luttge

Young Men's Christian Association

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Vice-President	Harold Kleinman
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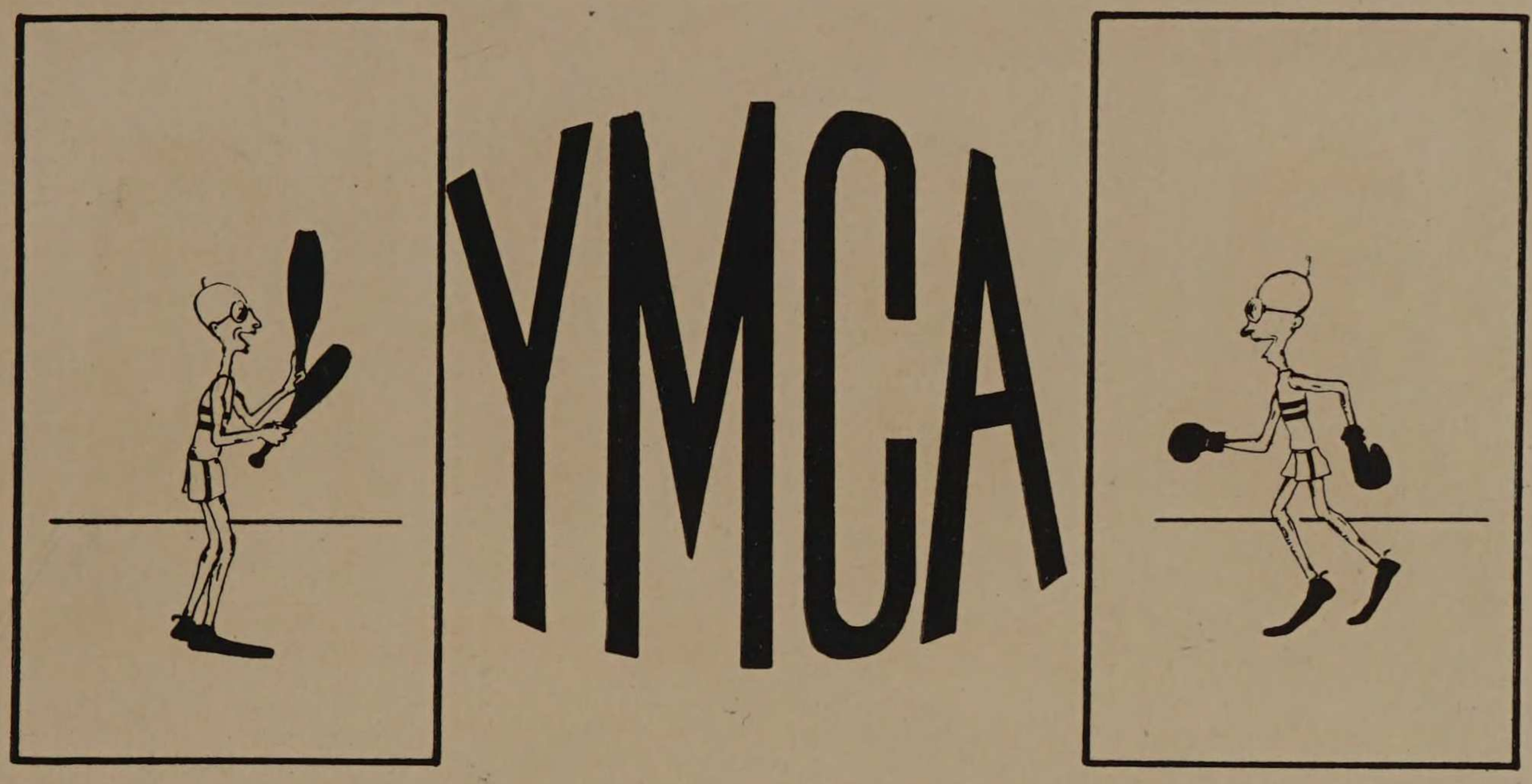
ORGANIZATIONS



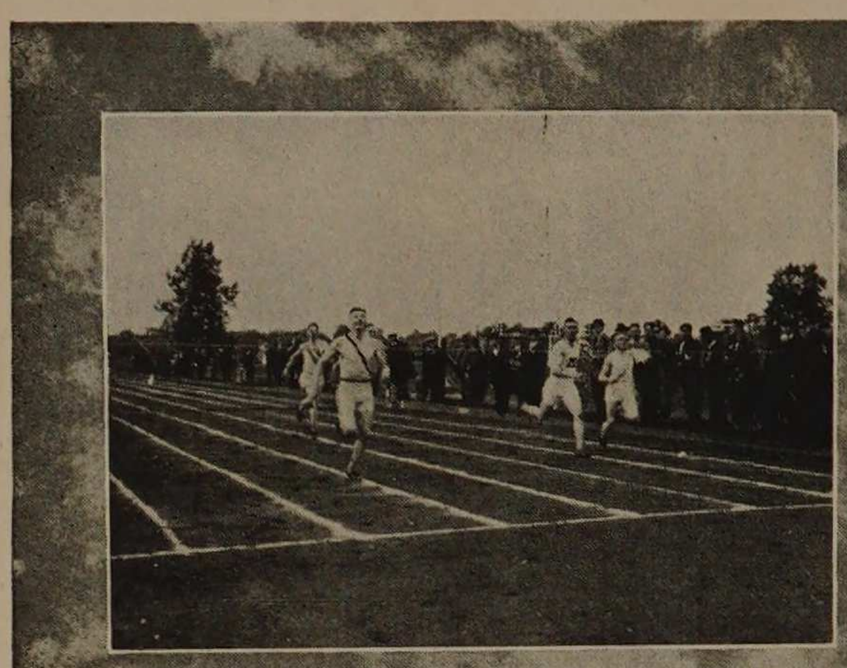
The Armour Y.M.C.A. is one of the departments of the Illinois Y.M.C.A. The object of the Y.M.C.A. is to provide a place of recreation and study, and to raise the standard of morals of the student body. Any student may join, as the Association is undenominational. A membership in this department entitles the holder to the house privileges at any of the city departments, and to those of other cities. The membership also gives the students reduced rates when joining any one of the city departments.

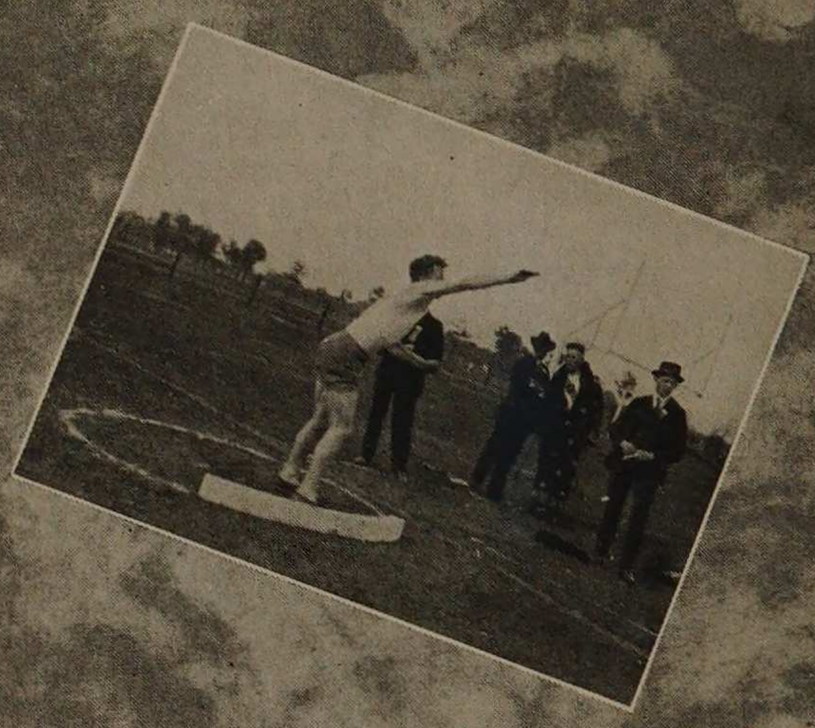
The affairs of the department are controlled by the Board of Managers, composed of seven faculty and three student members. Three of the officers of the Association are elected by the student members. The fourth officer, the General Secretary, is appointed by the Board of Managers. The President, Recording Secretary, and the General Secretary compose the three student members of the Board of Managers.

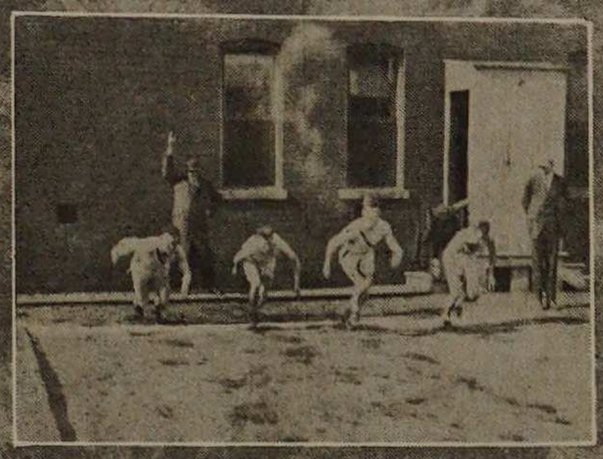
The Association occupies rooms on the third floor of Chapin Hall, 3321 Federal Street. These rooms are nicely decorated and contain, chiefly, a piano and a billiard table. In addition to these, a supply of current magazines is kept on hand. The students are invited to use these for study and recreation.

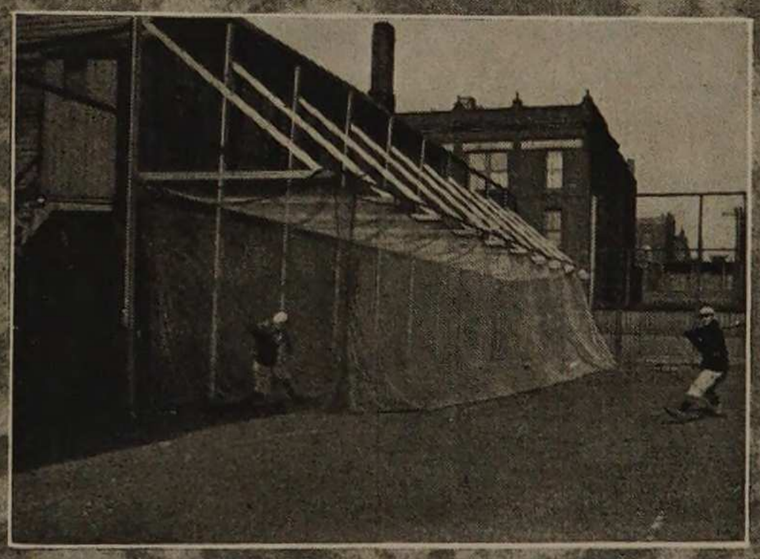
The Y.M.C.A., at the beginning of each school year, issues a hand-book. This is highly prized by the students, for it serves as a memorandum book and as a source of information of interest and use to the student.

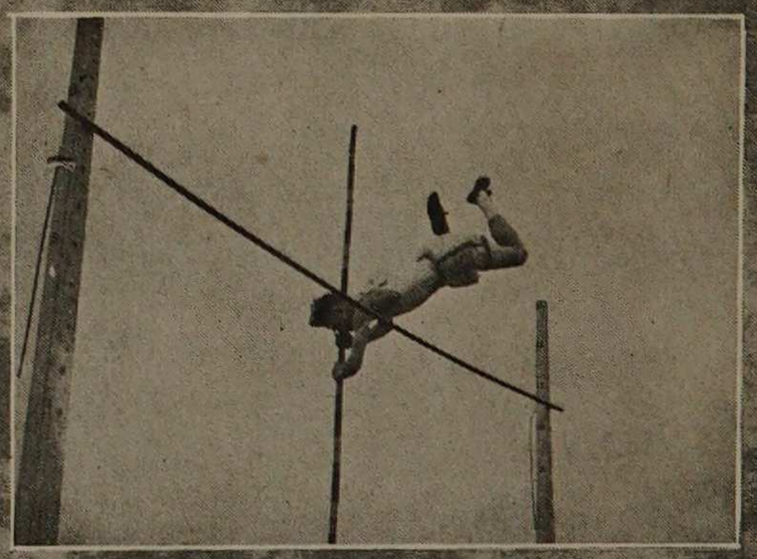
The Freshman Handshake, which is the first event of the school year, is held under the direction of the Y.M.C.A. This event, for it is an event, enables the new students to become acquainted with themselves and with the upper classmen. This year's Handshake was held in the Hyde Park Y. M. C. A. building. We had the use of the social rooms, the assembly hall, and the natatorium. Everyone went away with the feeling that we had had a good time, and with the satisfaction that we had accomplished something definite.



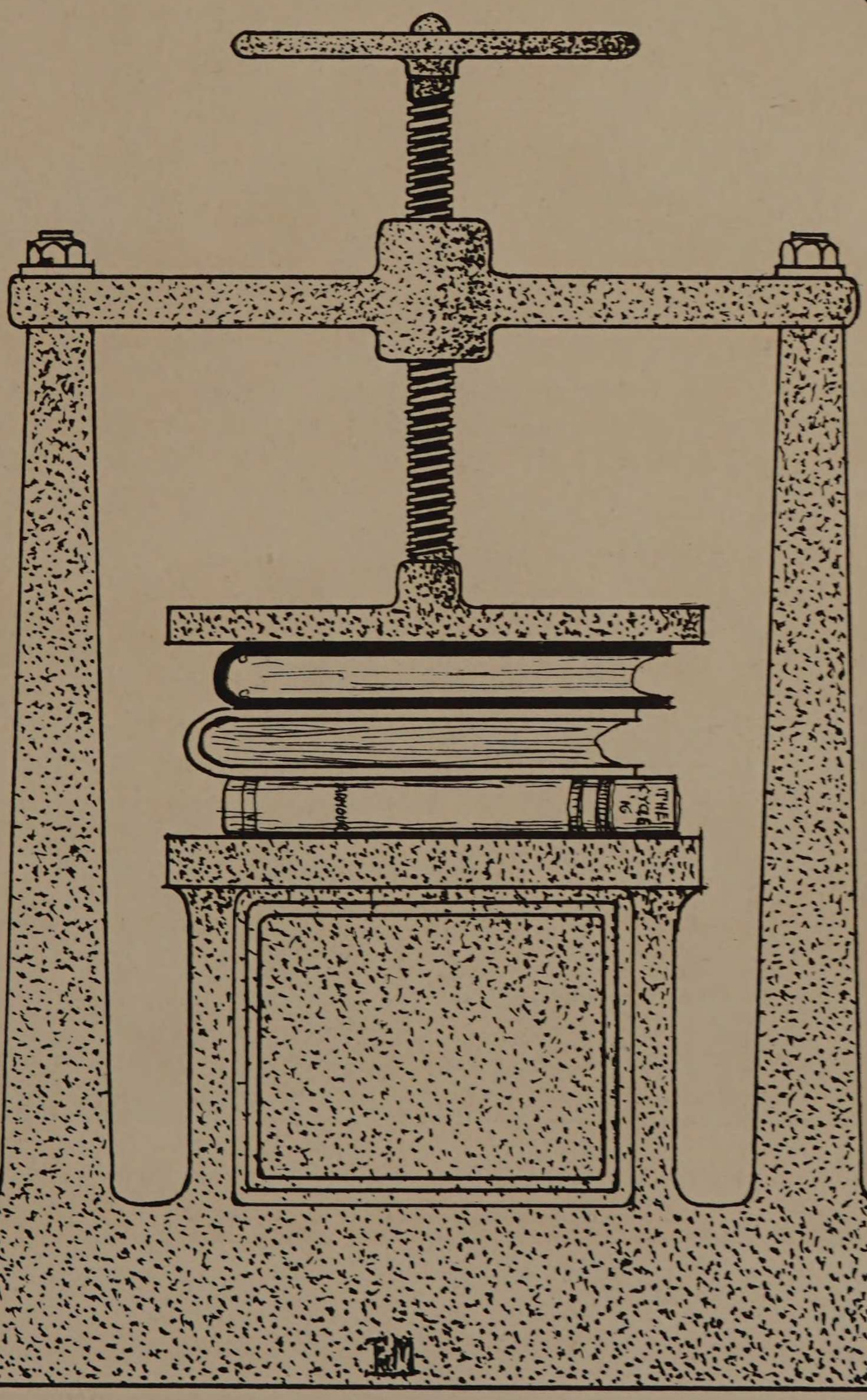




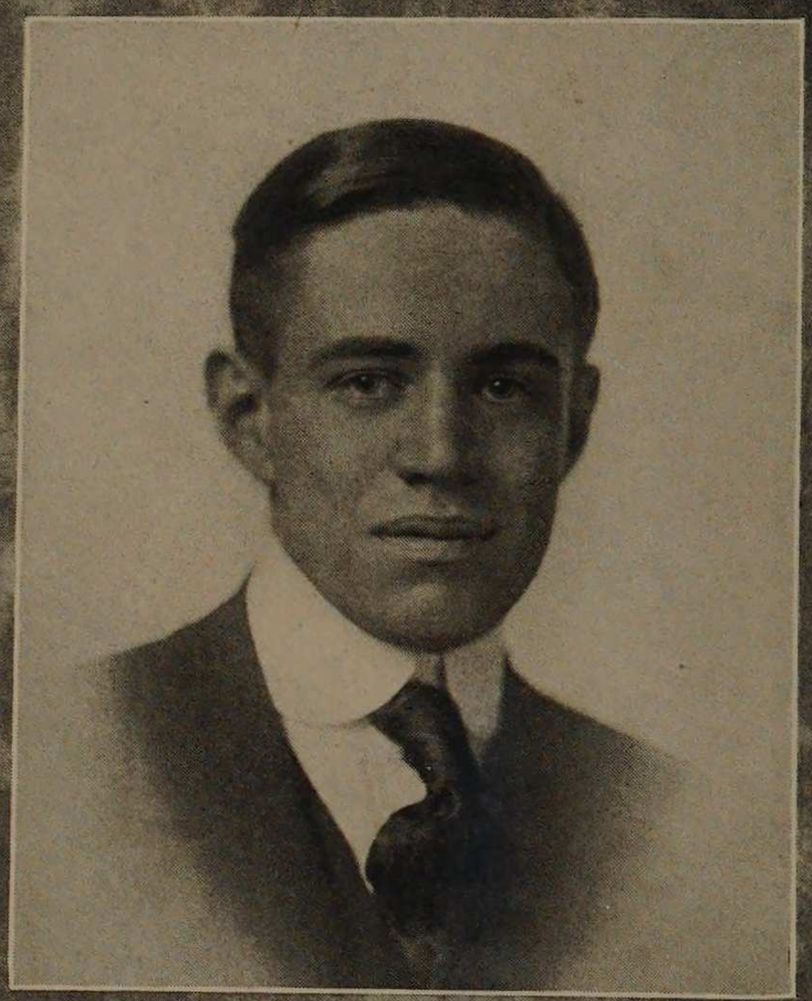




THE DRESS.



The Cycle, 1916



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The Cycle, 1916

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The Cycle, 1916

Webster defines a "cycle" as being " a period of time in which events happen in a certain order, and which constantly repeats itself." We have tried to follow the letter of this definition by making this edition a record of events of life at Armour during our Junior year, and another chapter in the continuous history of the school.

Our aim has been to depict all phases of activities about the Institute so as to serve the interests of all; to recall and fix in the minds of Faculty and students the passing events of the year; to keep the Alumni informed of the progress of their Alma Mater, and bring back to them the memories of other years; and to picture to our friends everywhere the more intimate life of the school.

We wish to express our indebtedness to the Castle-Pierce Printing Company; to the Jahn-Ollier Engraving Company; and to the William Louis Koehne Studio for their efforts in making the success of this book possible. To The CYCLE Board, we wish to extend our hearty thanks for the pride and interest they have taken in the making of this book.

To the following, the 1916 CYCLE Staff wish to express their sincere appreciation for the interest they have shown and the encouragement they have given:

Dr. F. W. Gunsaulus
Dean H. W. Raymond
Dean L. C. Monin
Mr. F. U. Smith
Prof. W. K. Smart
Mrs. J. Beveridge

Laurence A. King
Leonard E. Starkel
Fredric P. Strauch

The Armour Engineer, 1915-16

From an unknown quantity issued in January, 1909, amid utterances that a strictly technical publication could not exist at Armour, THE ARMOUR ENGINEER, in the course of eight years has reached the highest plane among technical periodicals, and today is considered the foremost technical college paper. While each year has seen the appointing of an able and efficient staff and each succeeding volume has presented a more perfected appearance, it is doubtful if such a rapid rise could have been accomplished without the efficient co-operation of the Armour Alumni Association.

Under the present system, every active member of the Armour Alumni Association receives a copy of each issue of THE ARMOUR ENGINEER. The "Alumnus" department is edited by the publication committee of the Alumni Association, and is "that part of THE ARMOUR ENGINEER devoted to personal mention of the graduates of the Armour Institute of Technology and to the affairs of the Armour Alumni Association." The increased interest which has been brought about by this arrangement is evidenced by the number of valuable articles contributed by Alumni, in Volume Eight.

The past year has proven an exceptionally successful one. The consistent efforts of the Business department established a representative list of advertisers, while the Editorial department presented a well edited paper. In the publications of Volume Eight there was a strict adherence to a standard calling for a uniform appearing issue and an arrangement of type which would make the neatest appearing page. Particular attention was given to the arrangement of the articles so as to present a "newsy" paper and yet not digress from a purely technical journal. Four new departments were instituted; College Notes, dealing with news of the Institute and the various societies; Library Notes, where the recent books were listed; The Armour Bulletin, describing interesting engineering projects; Trade Notes and Publications, containing a list of the valuable catalogs which have been received. These departments were well received, and it is hoped that they will be continued in the next volumes.

The Editors of Volume Eight gratefully express their appreciation to Mrs. Beveridge for her many invaluable suggestions, and to Mr. Bangs and the officers of the Armour Alumni Association for their invaluable help and co-operation.

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The Armour Engineer, 1915-16

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A. Katzinger

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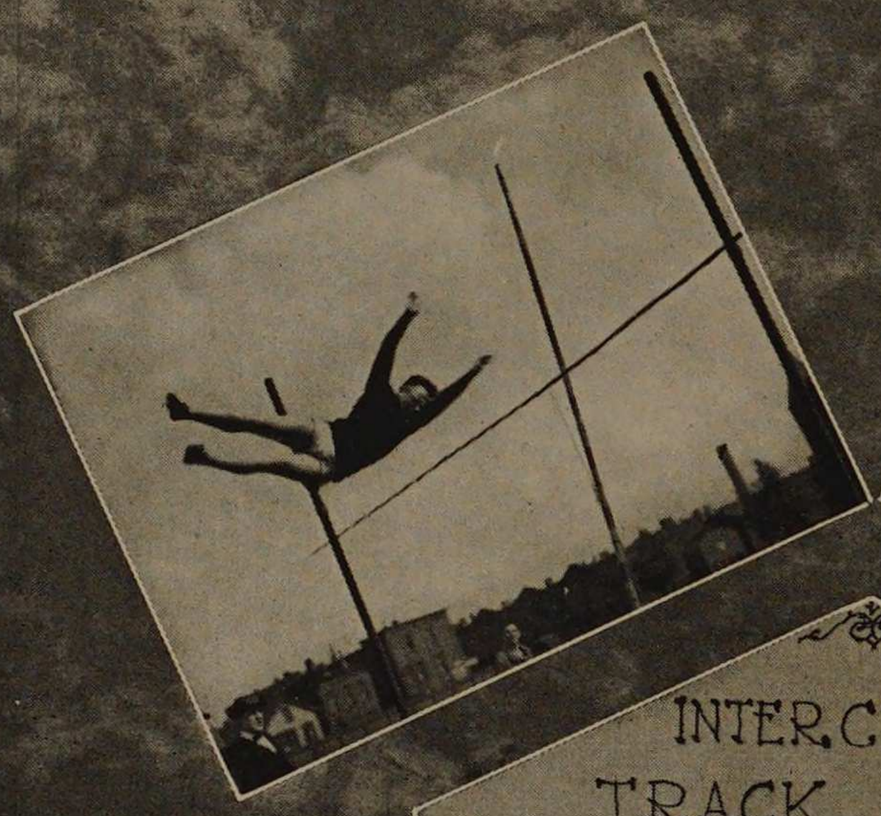
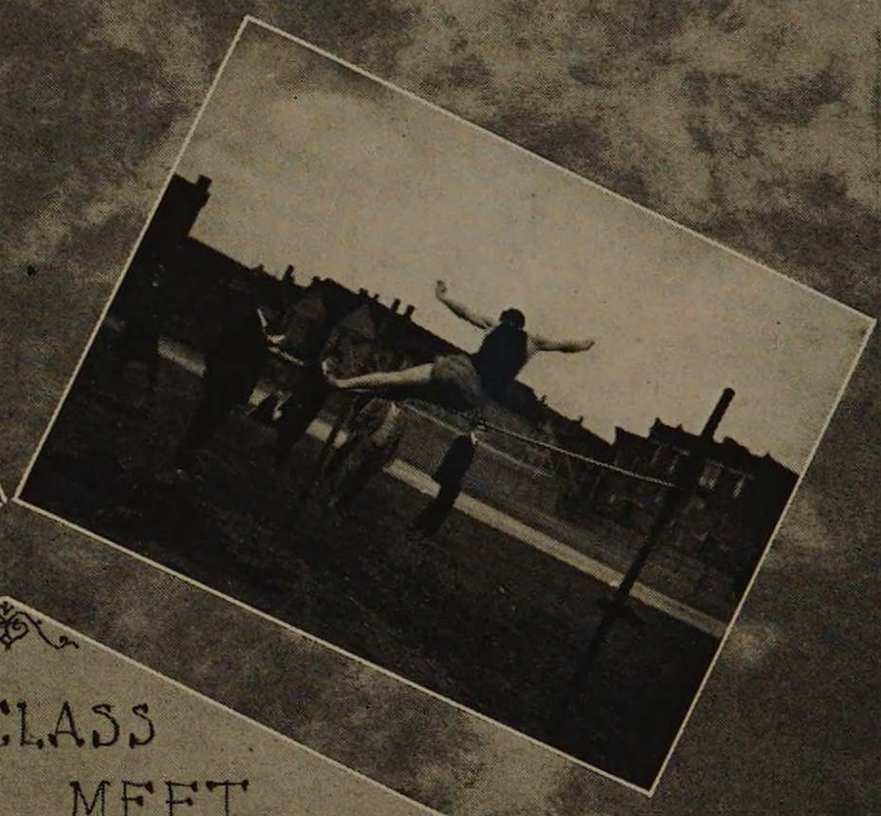
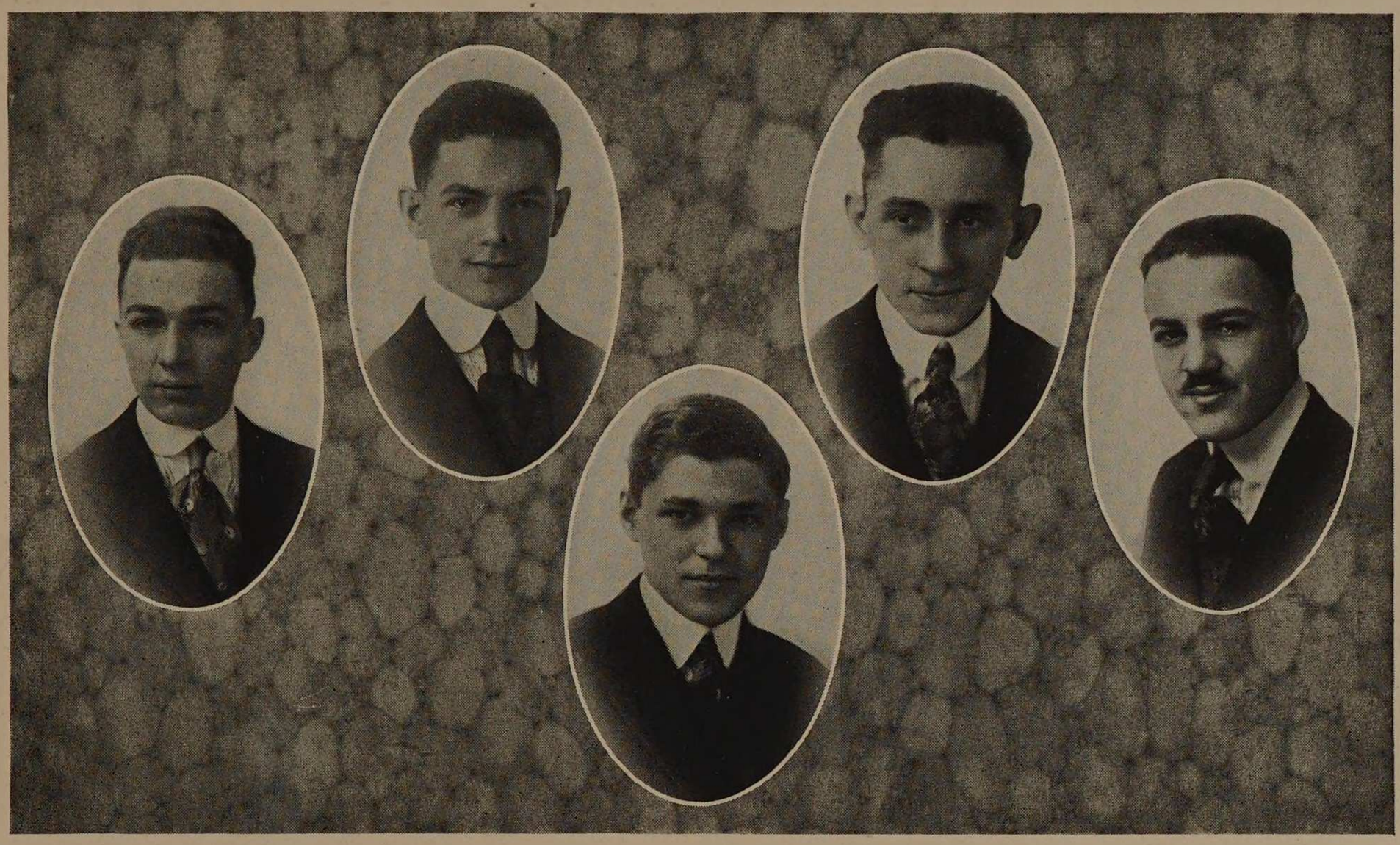




INTER CLASS
TRACK MEET

SENIORS — 45
JUNIORS — 32
SOPHOMORES - 20
FRESHMEN — 12

S O C I E T Y



E. S. Echlin C. A. Grasse S. P. Strauch S. N. Abrams

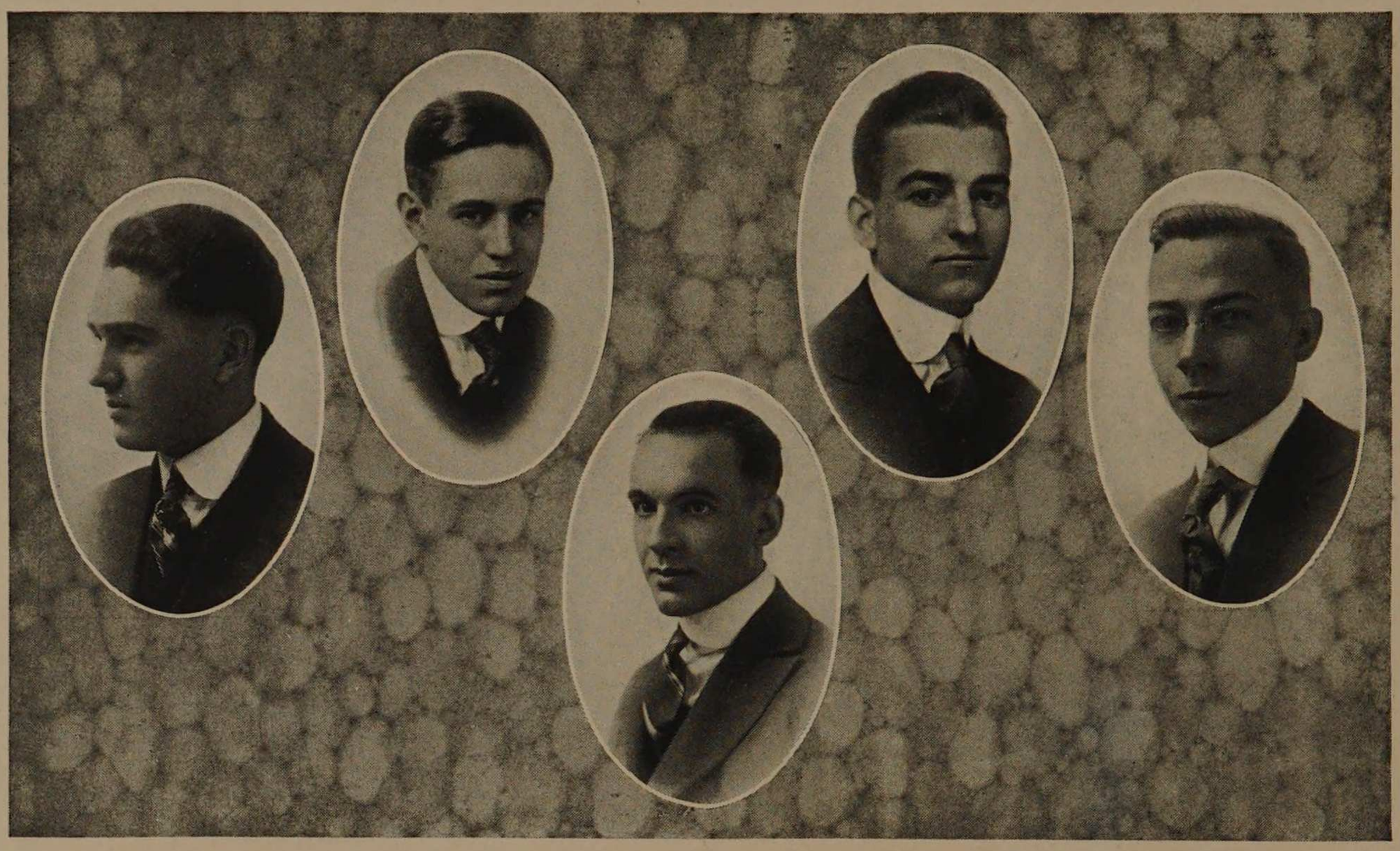
V. E. Marx, Chairman

The Senior Dance

On November 12th, 1915, the many students at Armour who attend such things as dances, could be seen hurrying into their Sunday clothes and making themselves beautiful in every way. For it was on that night that the Senior Dance of Armour Institute was held. This dance was the first one of the year, and all of the men were anxious to get there, especially the Freshmen.

The dance was held in the Crystal Room, at the Hotel Sherman. It was only the second time in the last three years that an Armour dance was held downtown. This seemed to help the attendance, as there were ninety couples there. Some of them got in wrong, however, as they did not succeed in finding the Crystal Room the first time, but with a small amount of questioning they all arrived safe and sound.

John Byanskas presided over the musical end of things. He was helped out by four other men on various instruments. The music was fine, and the only fault which could be found was the fact that there were not enough encores to make the dance last two or three hours longer. It was stopped altogether too soon, considering the good time that the dancers were having. The programs were very nifty and very accessible. Taken all in all, a better time could not have been had by anyone, and due credit should be given to the Senior Social Committee. It consists of Chairman Marx, and Echlin, Abrams, Strauch and Grasse.



A. H. Smith L. E. Starkel S. R. Evans R. H. Earle
W. Wollaston, Chairman

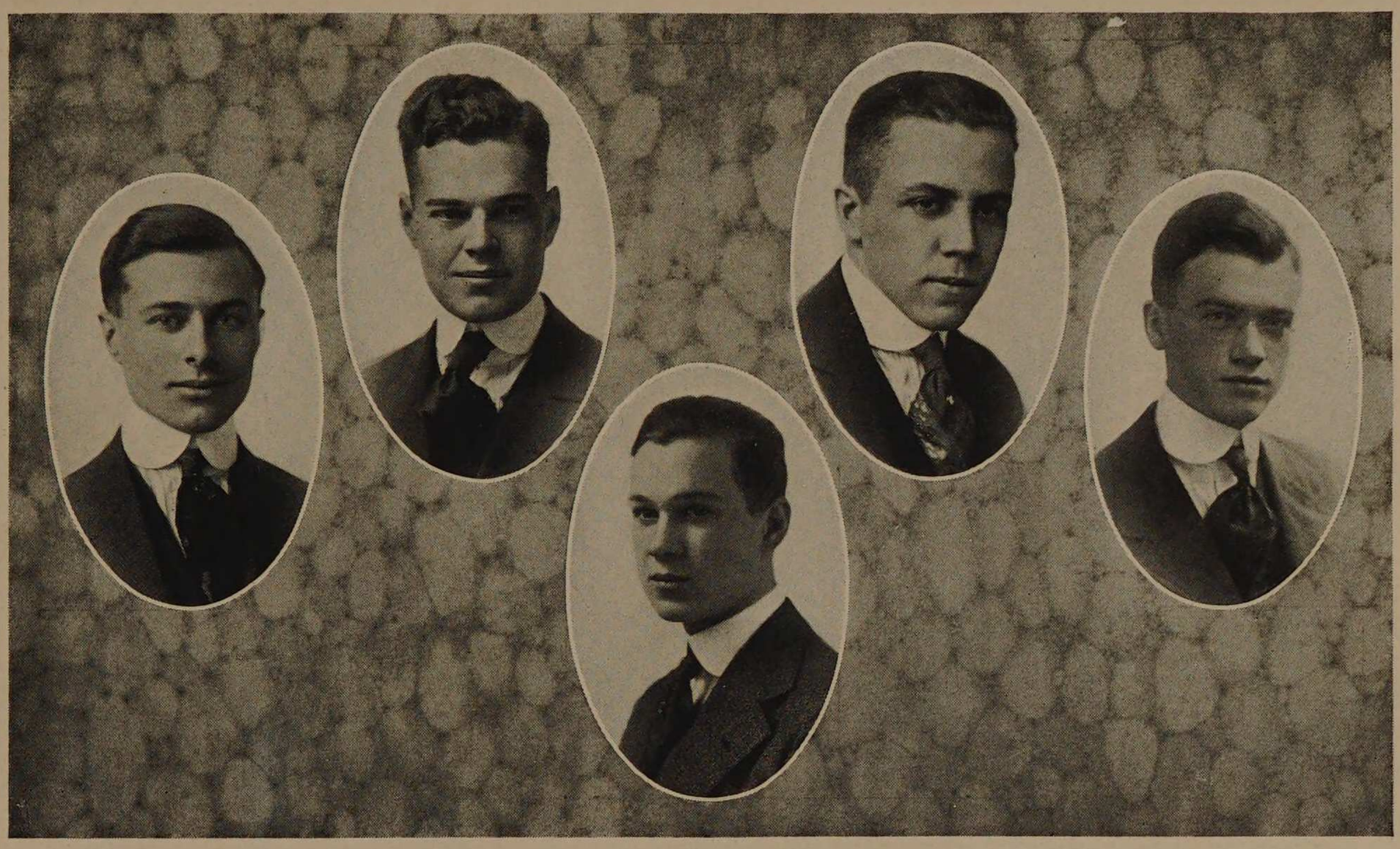
The Junior Dance

The Junior Class, the one upon which Armour always depends to furnish the entertainment and main social activities of the year, gave their first dance at the Colonial Club, on Friday evening, December 10th, 1915.

Although all of the other classes had given their dances at one or another of the downtown hotels, and the Juniors were advised to give theirs downtown also, it was held at that old retreat of all Armourites.

The dancers were not numerous enough to crowd the Colonial Club floor, but there were just enough to make the dancing comfortable and enjoyable. The music was furnished by Johnny Byanskas, which made the dance all the more agreeable. The dances were run short from the first with the idea of getting them all in, but it seemed like the inevitable had to happen, as at every Armour dance, and the last extra had to be cut out. However, aside from this, the dance was run without a hitch. The weather man made the weather very moderate for that night, so that the girls could come out in their dainty frocks without fear of soiling them by snow or rain. The Class made this dance a very moderate one, inasmuch as they would give the Junior Prom at the end of the year, and then "Watch Out."

The Junior social committee consisted of Wollaston as chairman, and Starkel, Evans, Earle and Smith.



H. D. Stevers W. T. Wignall H. C. Wilson E. F. Quinn
H. H. Shotwell, Chairman

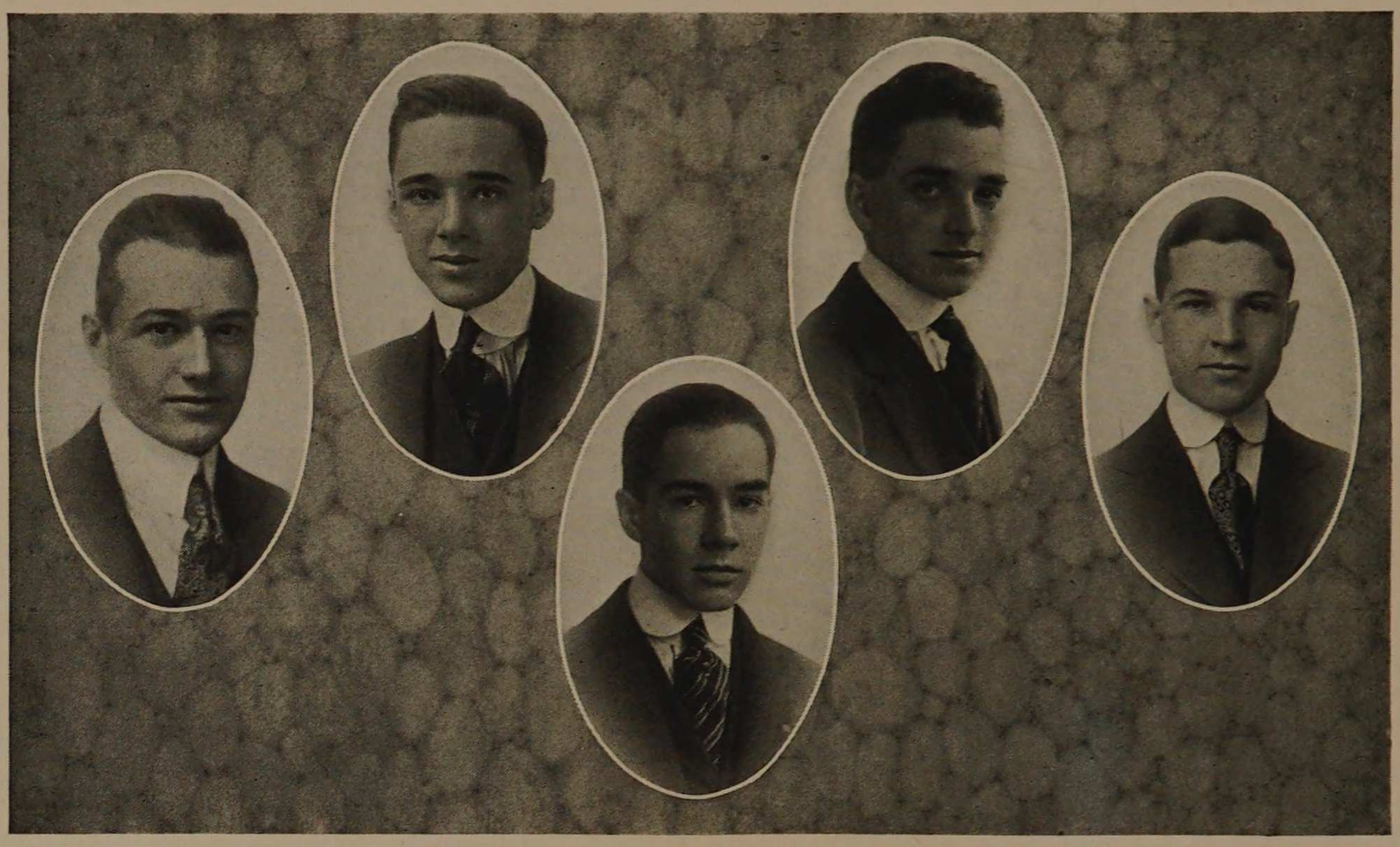
The Sophomore Dance

On Friday evening, March 3rd, 1916, the Annual Sophomore Dance was held at the Congress Hotel. The Florentine Room was pronounced by everyone with awe, on account of its very aristocratic sound.

This is the second Armour dance to be held at this place, as the Freshmen of the preceeding year gave their dance at the same hotel. The music was furnished by Byanskas, and was very good. The programs were very beautiful, although it was hard to find the man who was giving them out. Many used this means to get in without paying their admission, and danced without getting any programs.

The dance was well attended, if not over attended, as the crowd was very thick when all got on the floor. The room, being an inside one without windows, was very hot when filled with dancers, but they did not seem to mind this, judging from the good time that they were having. This affair had more attractions than one given on the South Side, because all who lived on the North or West Side came, as they did not have so far to travel. Many of the couples could be found wandering about the long halls, in search of a cool spot, between dances. In this manner the first floor of the Congress Hotel was probably explored more thoroughly than it ever was before, and all seemed to enjoy this new found pastime.

Due credit should be given to the Sophomore Social Committee, which consisted of Chairman Shotwell, and Stevers, Wignall, Quinn, and Wilson.



A. E. Maitre J. J. Ffrench W. E. Mead R. T. Peters

G. L. Parker, Chairman

The Freshman Dance

The Freshman Dance was held at the LaSalle Hotel on Friday evening, April 7th. The Class carried the stunt of giving Armour dances downtown further along, by giving this one at a place where no Armour dance ever had been held. The tickets were very formally printed Red Room, LaSalle Hotel, but with all of this rather strict appearance, the dance was one of those regular Armour functions where everyone has a good time.

Those who attend the class proms agree that it was certainly a successful affair. It is understood that in the past years the Freshman dance has been one of the star functions of the year and this one helped to keep up the record. The Red Room was selected, not because the Freshmen like red, but because of its large size. The down-town site was taken because of the rather large attendance at all dances held there. Chappell, with his famous orchestra, furnished the music for the evening. Everyone agreed that it was of the best.

The Freshmen were glad to see the upper-classmen turn out and support their dance so well. But, in fact, no dance can be held without the co-operation of everyone. It seems that the Sophomores took this opportunity to show their thanks for the support that the Freshmen gave the Soph dance, held at the Congress. In fact, the Sophomores were so well supported that the Freshmen were afraid their dance would be small.

The dance was informal, but due to the fact that Easter was so near most of the girls took this chance to show their new gowns, and were very gaily dressed. The Freshmen attended the affair very well, and showed their loyalty to their class in a fine way. The dance was certainly well run, and especial credit should be given to the committee composed of Chairman Parker, and Maitre, Ffrench, Mead and Peters.

JUNIOR WEEK

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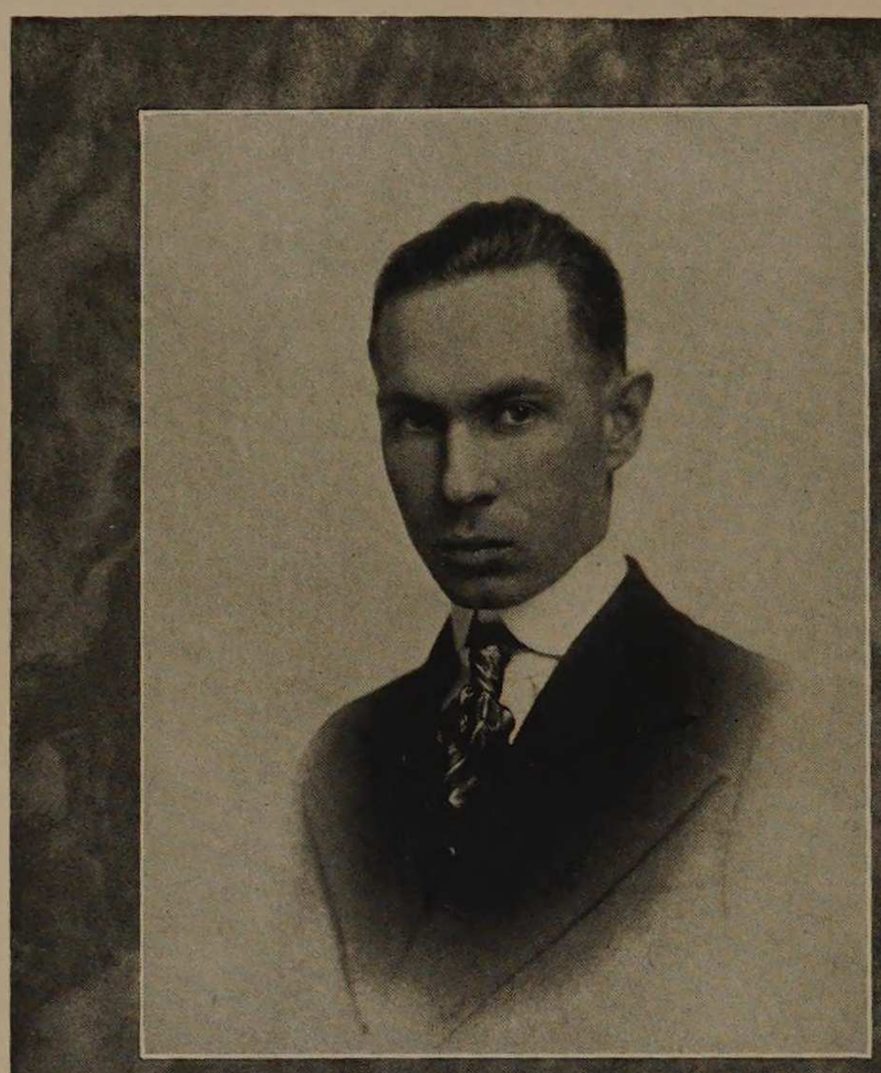


Junior Week Marshals, 1916

JUNIOR WEEK

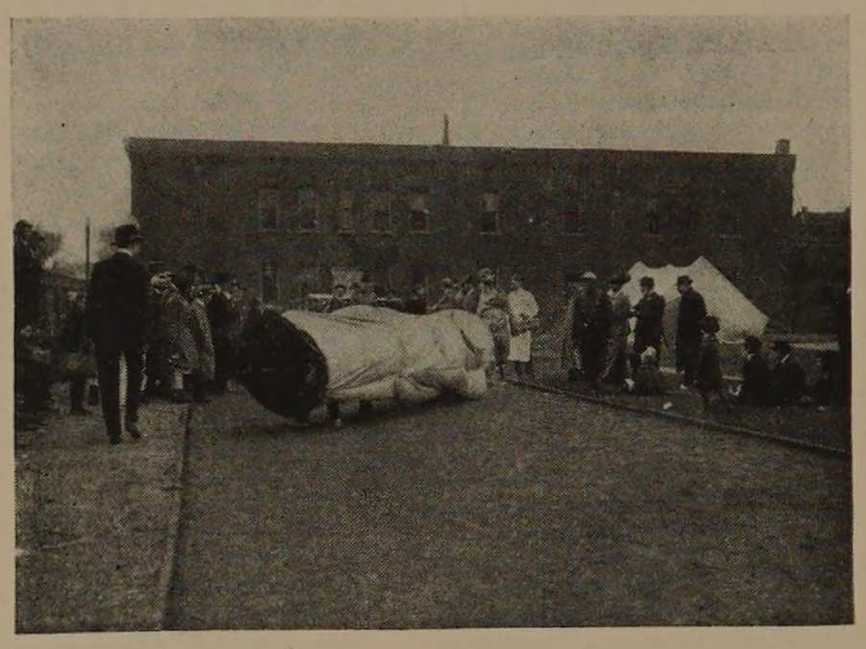
May 1 to 6

Monday—Golf Finals.
Tuesday—Tennis Finals.
Wednesday—Junior Class Play, 8:15.
At Central Music Hall.
Thursday—Cycle issued. Circus Day, 1:30.
Fraternity Relay Races.
Friday—Senior Faculty Baseball Game, 2:30.
Ogden Field.
Junior Dance, 8:30.
Saturday—Class Banquets.

SOCIETY

CIRCUS DAY

Circus day, true to tradition, opened with a dismal, foggy rain, but something must have dispelled the grief of the gods, for about noon, as some famous aesthetic person (high brow for squirrel food) has said, their tears ceased falling and old Sol graciously dried out the scenery. The afternoon started off in regular approved Armour Circus fashion, with the boys paying tribute to their beloved Profs. at three tributes per jitney, while those in on the deep stuff went about erecting various tents with facial expressions which showed the great responsibility resting upon them. Although there were no shell game artists around, some fertile minds with excess of "pep" had the time of their lives at the expense of several of the milder tempered students by enveloping them individually at unsuspected moments in a rather soiled gunny sack. The big festivities were opened with an impromptu concert by a Germo-Scandahovian band produced from somewhere by that sterling Teuton, "Cho" Sullivan. "Shorty" McGuire, the four dimension, led the parade on some sort of a two-wheeled machine with a gear ratio of about ten to one. Behind, following the band, trooped an inspiring procession of wild animals, the strong man, the Salvation Navy,



Fatima in all her Eastern luxury, carried in state by her four oriental musicians, the prehistoric Phipappasaurus, an impressive military troop, some 1916 model Roman chariots, clowns, and other accessories.

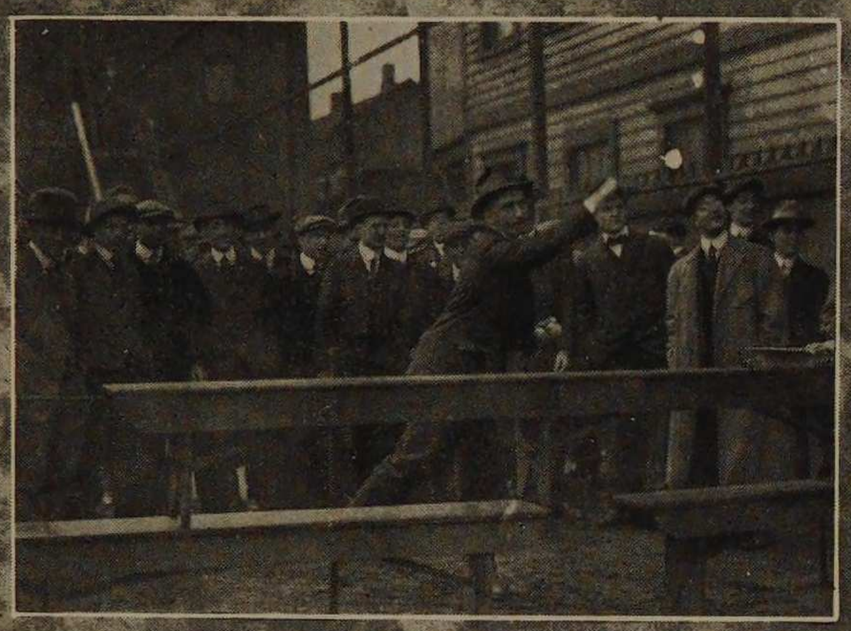
The Salvation Navy conducted a brief but spirited song service and meeting led by "Stew" Miller, during which they called for testimonials from some professors present as to what the S. N. had done for them. Great might have been the results had some one not spied Dean Raymond at the end of the field getting into the spirit of the day by trying to ride "Shorty's" peculiar steed. The universal interest in the new attraction ended the meeting and also the new attraction.

The free performance in the south tent was the next big attraction. After listening to the description given by the barkers, everybody tried to get in all at once. Together with twice as many others as the tent was designed to hold, we had the treat of our lives. Each sketch was worth the price of admission several times, but we were most impressed with the thrilling exhibition given by Fatima. Although conservative enough to have even gained the sanction of our esteemed ex-inspector,

Funkhauser, it certainly dispelled the idea that an Armour man's accomplishments are limited to engineering, and judging by the applause, no feature of the afternoon was more generously appreciated.

Following the big tent show, the temporary pride of the Institute, a rather hastily recruited troop of military spirits attacked, and after several charges and fusilades of shots and casualties, captured and burned a fort in the middle of the field. Despite the difficulty the defenders had keeping the wind from blowing the fort away, they put up an excellent defense and held the spectators breathless during the entire battle. Lest the affair not seem real, the clown, with the aid of a wheelbarrow, instituted a red cross corps, rendering both invaluable service and hindrance to the charging forces. The fort might have held out longer had it not been for the damage wrought by the bombs from an attacking aeroplane, which arrived before the fort had entirely burned.

After the smoke of battle had cleared away, the chariot races were run, followed by the fraternity relay races, which closed Circus Day, leaving everybody feeling that they had never spent a more enjoyable afternoon, nor seen a better Armour Circus.



"THE JONAH"

Our hero, the dashing Jack Hildreth, arrived home from college desperately in love with a fair young thing, Natalie Buskin. However, his mother was equally in love with the money of the somewhat less attractive Arabella McSnatch, and to further complicate domestic matters she had a mistaken idea that Mr. Hildreth had celebrated his son's return in a rather exciting but undignified evening's entertainment. This naturally gave rise to a rather straining silence at breakfast the next morning, which, coupled with his mother's very aggressive courtship of Arabella in his behalf and the fact that he had invited Natalie and her father to visit him, worried Jack very greatly.

The arrival of Jeremiah Jerkins, an adventurer, supposedly a friend of Mr. Hildreth, who turned out to be the "Jonah," and the arrival of Mr. Buskin and Natalie, added greatly to the difficulties leaving our hero seemingly hoplessly involved. While Jack and his sister, who understood and was aiding him, were racking their brains to keep the conflicting parties from meeting and learning the facts, the Jonah who had become acquainted with Mrs. Hildreth's suspicions of her husband, apparently confirmed her beliefs because it made his presence more welcome, causing the impulsive little woman to consult the family attorney concerning divorce proceedings. At this point, Jack seeing in him a means of disposing of Arabella, suggested to the Jonah her desirability as a wife, mentioning among other things, her money. This put matters in a new light, causing the Jonah's attention to Arabella to become very marked and to end in a proposal in which he disclosed Jack's other affair. This angered Arabella, who left in great indignation, a policeman arrived and escorted the Jonah away because of his activities elsewhere. Mrs. Hildreth saw her mistake both in regards to her husband and to Jack, and—well, everything was lovely and everybody lived happily ever afterward.

Nature had given "Vic" Marx all the qualifications to successfully take the part of Jack, while Sosna took the less appreciated part of Arabella McSnatch, very excellently. Despite his mild manner around Armour, Sostheim showed himself equal to every occasion as the impetuous Mrs. Hildreth. We do not yet understand how Leonard Peterson, better known as "Pete," stood Mrs. Hildreth's nagging without an outburst, but he did. "Dick" Durant, as Natalie, also was attractive to those not in the play, while there was no doubt about Oswald being a regular "Jonah," and anything but slow with the ladies. "Doc" Edlund is naturally gifted to take the part of a sedate lawyer, in contrast to "Rube" Dolan, as the out-spoken Mr. Buskin. As a great little (?) peacemaker, Lawrence Bolte as Emily Hildreth, was all there. If it were not for the discrepancy in size between Moehle and Echlin, we might have fixed up a nice little romance on the side, between the "Cop" and the maid, but we had better let well enough alone.

THE FRESHMAN HANDSHAKE

That social function which does more than anything else at Armour to draw the men of the various classes together, the Freshman Handshake, was held on Friday evening, September 10th, 1915, at the Hyde Park Branch of the Y.M.C.A.

This function is always staged at the beginning of the school year at Armour, and its purpose is to give the Freshmen a good chance to get well acquainted with the upper classmen. When the men entered the hall they were given ribbons of various colors, for their coat lapels, to represent their classes. The Freshmen had green, the Sophomores yellow, the Juniors red, and the Seniors white, as their respective colors.

At this affair, the same as all previous ones, the usual program of speeches was carried out. Edlund was chairman of the meeting, and interesting talks were given by Professor Armstrong and by Edlund. Professor Pen gave a talk on Tau Beta Pi, in which he enlightened the Freshmen on the eligibility and membership of that organization. Professor Leigh sang "Tommy Lad" and "Uncle Roan," but was unable to get away until he had given "Never Go to Sea on a Friday." He surely has a wonderful method of singing his way into the hearts of the students. Mr. Oliver, of Carson Pirie Scott and Company, gave a long talk on "The Relation of Business and Engineering." In it he endeavored to make clear to the students something of what they would encounter in the business world.

As soon as the speeches were over all repaired to the swimming tank for the athletic events. There were five of them; the fancy diving, the plunge, the forty yard breast stroke, the forty yard dash, and the relay. Lorentz won first in the fancy diving, with Davison a close second. In the plunge, Wilcox came first, wth Cooper right after him. The forty yard breast stroke was won by Cooper, and the dash was won by Kuttnauer. The relay was won by the Senior team, which consisted of Hill, Sullivan and Wilcox. All other events were cancelled because the gymnasium floor was freshly painted.

When the athletics were all over, the bunch proceeded to demolish eatables of various sorts, and then broke up. The entire evening was very successful, and we surely hope that there will be another one next year.

SOCIETY

Just four days after the second term registration, practically all of the student body at Armour could be seen trudging southward on Clark Street toward the Palace Theatre. For why shouldn't they? Was it not just about a year ago this time that they saw Dainty Marie at the same Theatre? It was, and they fully expected to see her again. They were doomed to disappointment, however, as they were one week too late.

But the program shown at the Palace Theatre on Thursday evening, January 27th, 1916, came up to every expectation, even without Dainty Marie. It had one very novel feature in the two girls who played the part of tom-boys. Also the usual bicycle riding was present, but only of the very best. The beautiful girls came out and gave small singing acts for the "fellows," and the "fellows" called them back time and again, just as in the Tech Nights of old.

It seems that the rough-house which was prevalent at the Tech Nights of old, has, however, dropped completely out of existence. It surely is for the good of Armour that it has. Who could expect a better advertisement of our class of fellows than the admirable way that they behaved themselves that night. One or two cheers at the beginning and a couple at the end were the only means of betraying them to the Theatre in general.

After it was all over, the upper classmen went home with the thought that one more year in their course at Armour had been tolled off, while the Freshmen felt that they had been thoroughly initiated into the Bachelor Society of the Armour Students.

"FROSH" SMOKER !

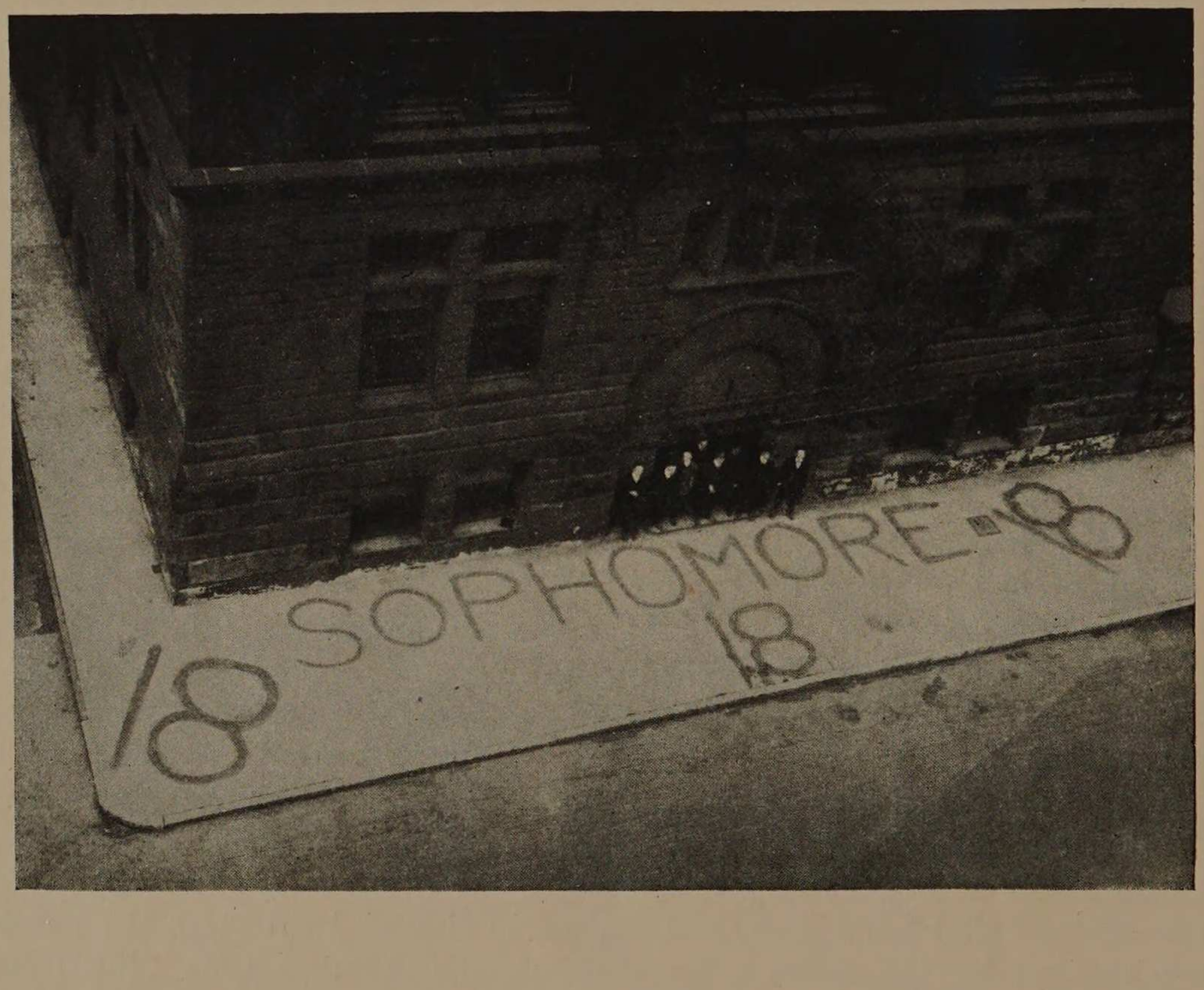
The Freshman Smoker is given once a year by the three upper classes of Armour Institute. The fourth class, or the Freshmen, are made the guests of the evening. Pipes are given out to everyone who attends the Smoker. They are always much sought after because they are Armour pipes, and are carved with the initial upon them. The main object of this smoker is to provide the classes with some sort of an entertainment, and also to try to instill some knowledge into the heads of the Freshmen, that they are not supposed to combat with the Sophomores. However, it does not fulfill this purpose. Instead it seems that the Smoker has become a time honored establishment at Armour, which always precedes the rush, and is always a preliminary meeting to decide upon the place of the battle. During the events of the Smoker, the two classes, the Freshmen and the Sophomores become very bitter, and sometimes dangerous opponents. After the Smoker is over, the entire assembly adjourn to the place of meeting to witness the greatest battle ever staged at Armour.

The Smoker for 1915 was held at the Grand Boulevard Hall, at the corner of Forty-third Street and Grand Boulevard. It was announced weeks ahead of time by the appearance of the customary painting and wonderful printing around school. This year it seems that Professor Reid had an especially adept pupil in the art of lettering, judging from those characteristics of the English language which appeared upon the Thirty-third Street sidewalk.

The usual yells and "rough-house" preceded the opening of the Smoker. Then Joe Sullivan announced that Loos Bros. and Co. would sing and entertain the bunch. After they were encored by the fellows many times, the Armour Glee Club gave a few

selections. At this point, the spirit of the occasion began to show itself by the appearance of a Freshman upon the stage. He arrived rather involuntarily, but was ably assisted by the wiley Sophomores. It seemed that the Smoker would be broken up by the riot which followed, but finally quiet resumed. After various attempts at entertainment, the Rooters election was held. It was one of the shortest and snappiest elections ever held at Armour. Strauch was elected president.

Soon after this the bunch left, and all adjourned to Washington Park, where the world war was held. After many cuffs and groans, the upper classmen decided that the Freshmen had won. Then the entire bunch went downtown to the Mandarin Inn. Here they proceeded to guzzle all of the Chop Suey that they could, after which they went home happy.



S P O R T S

Board of Athletic Control

H. M. Raymond
F. U. Smith
L. A. King

A. S. Alter
C. W. Leigh
W. K. Smart

L. C. Monin
Dr. H. B. Thomas
K. A. Taylor

WEARERS OF THE ·A·

H·W·Vader

ABRAMS
Basketball, 1915

ALENDER
Baseball, 1915

ALTER
Track, 1913, 1914

BREADY
Baseball, 1915

BRUCE
Baseball, 1914

BROMAN
Baseball, 1914, 1915
Basketball, 1915

CHAMBERLAIN
Baseball, 1912, 1915

CONWAY
Baseball, 1915
Basketball, 1916

EVANS
Track, 1915

HULLINGER
Baseball, 1915

HOOK
Baseball, 1911, 1913, 1914, 1915

HILL
Baseball, 1914, 1915

HERMAN
Baseball, 1913, 1914, 1915

HALL
Baseball, 1914, 1915

KING
Track, 1914
Baseball, 1915
Basketball, 1914

KATZINGER
Baseball, 1913, 1914, 1915
Basketball, 1913, 1914, 1915
Track, 1913, 1914, 1915

KERR
Basketball, 1916

MOUAT
Baseball, 1915
Basketball, 1915, 1916
Track, 1915

PASKILL
Baseball, 1914, 1915

SULLIVAN, J. E.
Basketball, 1913, 1914, 1915, 1916
Track, 1913, 1914, 1915

T. SULLIVAN
Baseball, 1912, 1913, 1914, 1915
Basketball, 1915

SCHREIBER
Track, 1915

SANDROFF
Basketball, 1915, 1916
Track, 1915

TRINKHAUS
Baseball, 1913, 1914, 1915
Track, 1913, 1914, 1915

TIERNEY
Track, 1914, 1915

WILLIAMS
Track, 1915

WILCOX
Baseball, 1915
Basketball, 1915

SPORTS

Season Review

"Track in the spring of 1915 at the "Tech" was fairly successful from the standpoint that a great many men were kept interested enough to train, and thereby derive much needed exercise of the best kind—namely, outdoor work. Some forty men, the majority never having seen a track field, were kept working and their efforts managed to win the two dual track meets from Northwestern College.

The pick of the squad was placed in our Annual Little Five Track Championship Meet held under the auspices of the "Tech" at Northwestern Field. Stage fright must have affected several of our stars, with the result that only 14 points were scored, and we landed the cellar championship. Tierney and Sandorff scored 12 of the points. The former making 8 and the latter 4.

Baseball started with the snow on the ground. Our pitchers having graduated, the task of finding successors was difficult. Many "strong arms" were tried out in the "Gym" during the winter, with the result that some half dozen men were classed as possibles when the weather permitted outdoor work.

After our "green pitchers" were trimmed by several high schools a half dozen times, the season opened with Wisconsin University on our field. We were beaten 9 to 4. The University of Chicago was then given their annual beating 9 to 1, by Chamberlain's pitching. He then became sick and never pitched another game.

The green hurlers worried along, being beaten by Northwestern University two games and tieing one, lost another to Notre Dame and another to Illinois.

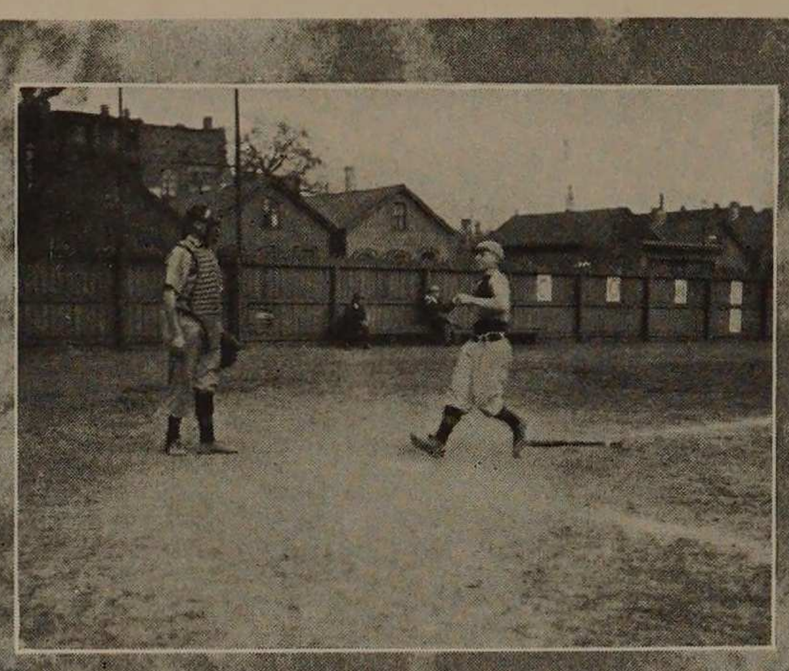
These many games gave the needed experience, and by steady work aided by a splendid infield and a good outfield, the pitchers came into their own. Nearly every conference game played we came from behind by steady plugging and opportune hitting that placed us winners. We won 7 conference games and lost one. This gave us the Little Five Championship. Hook, Herman, Chamberlain and Trinkhaus finished their baseball career for Armour.

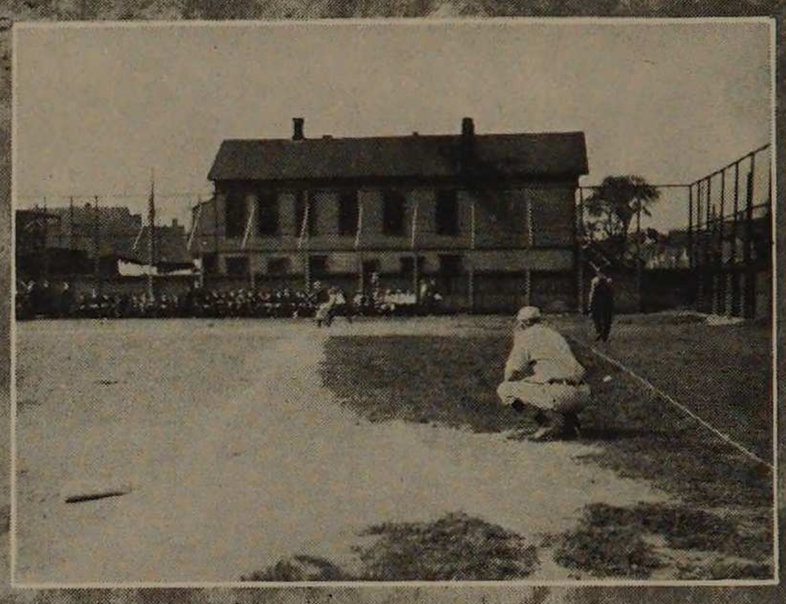
Basketball opened with good prospects when several positions vacated by former players were seemingly filled by new men who showed promise by their skill displayed during the class games. However, Sandroff's absence the first semester, Katzinger's and Sullivan's sickness, and the injuries kept our team from properly developing. The annual trip to Knox and Monmouth was made by an almost entirely new team over that of the previous year. The Monmouth game was played with four green men, Shorty Mouat being the only regular player. Kerr, Conway, Watt and Taylor being new men. Sullivan was left home sick, Sandroff, due to his physical condition, was allowed only to play in the Knox game. Both games were lost but were furious battles with the last few minutes deciding the contest.

At Lake Forest we got the worst beating we received. Their goal shooting against us was phenominal. Sullivan was now back, and Katzinger who came out to fill in the breech, went down and out again with sickness. After losing three games, the "Tech" took a brace and won the remainder of our games. We beat Beloit two games, and won from Knox, Monmouth and Lake Forest in a tie for the Championship, the best work in basketball the Armour has done in some years. Sullivan and Mouat closed their basketball careers in a blaze of glory by their excellent playing in their last game, when the "Tech" beat Beloit 32 to 9 on our floor.

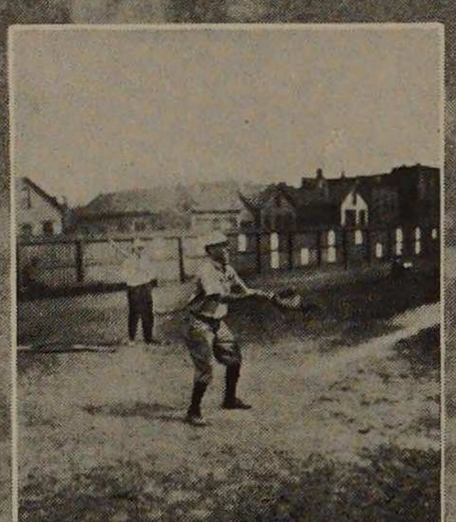
MR. J. J. SCHOMMER, Athletic Coach.

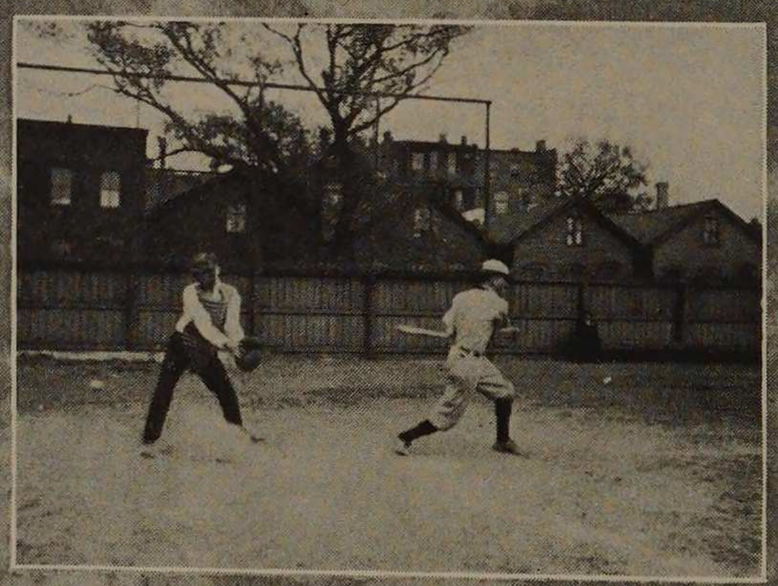
SPORTS

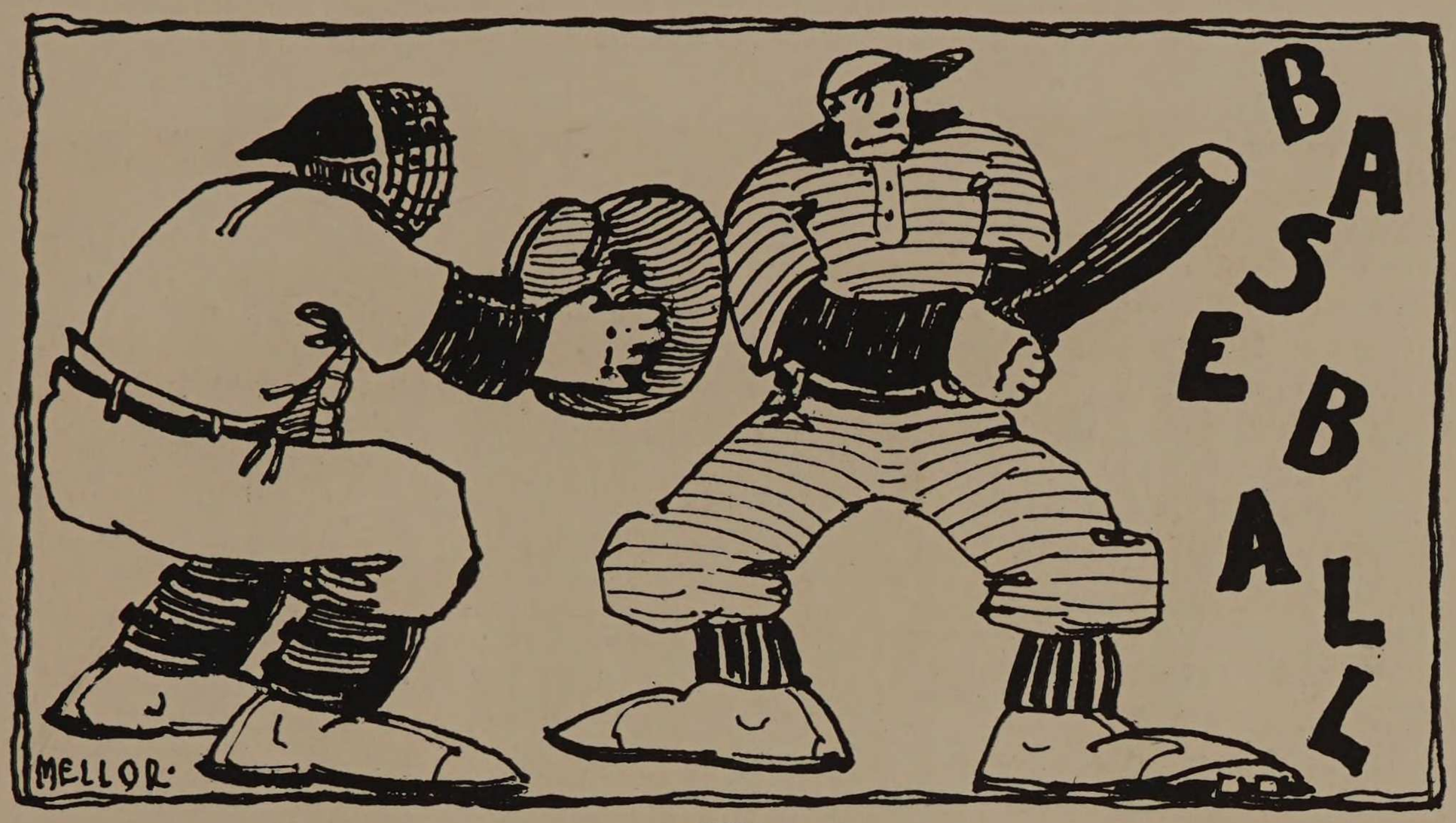


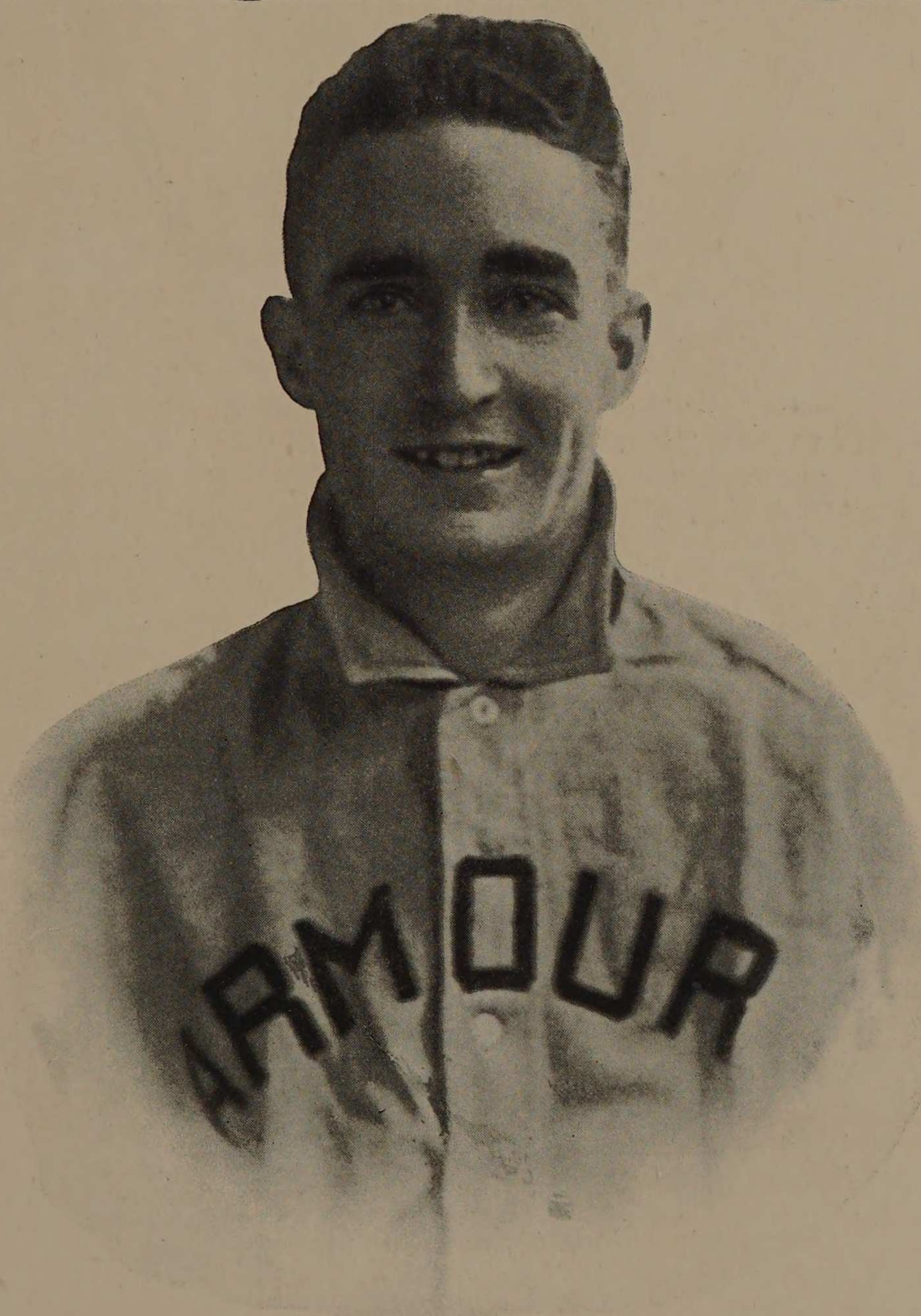


SENIOR-FACULTY
BASEBALL GAME
SENIORS- 20
FACULTY- 3









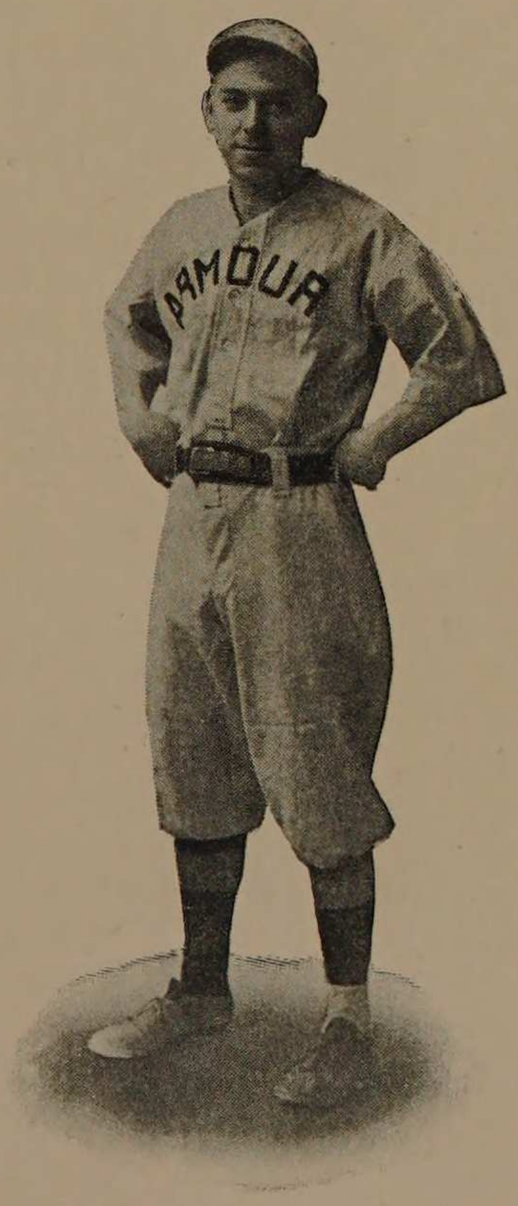
CAPT. "TOMMY" SULLIVAN

SPALDING TROPHY
LITTLE FIVE
BASE BALL
CHAMPIONSHIP
1915
WON BY
ARMOUR TECH

THE TEAM

SULLIVAN: The championship team of 1915 was ably piloted by Thomas Sullivan. Tom came to Armour in the fall of 1911, and at once began to make a name for himself as a ball player. He easily made the team the following spring, and ever since has been zealously taking care of the shortstop position. His place will be mighty hard to fill this year, as "Sully" was a fine fielder, dangerous hitter, and a very daring and successful base runner. When it comes to pep, "Sully" had an abundant supply, which he especially delighted to show on foreign fields, thus making himself a target for rooters of the home team. "Tommy" always enjoyed this, as he claimed that he could hit 'em harder when the crowd was after him. The "Tech" will suffer a great loss in Sullivan, as he covered a world of territory at short, being especially good on slow hit balls that college men so often beat out as hits. We are glad that he brought his long and successful career at Armour to a fitting close by putting up a great game at short, and piloting his team to the championship of the Little Five.

HOOK: Here we have another member of the "Big Three" which has taken care of the outfield duties of the "Tech" for the past three years. Hook is his name, and he is known as the Ty Cobb of the Little Five. In point of service, Hook is the oldest man on Armour's team, and acted as captain 1914. As an outfielder "Hy" couldn't be beat, and as for his hitting, well, just look at his average, it speaks for itself. No one ever liked his hits any better than Hook did, and his favorite expression was, "Remember that one I hit over the back fence, etc." Hook's loss will be felt keenly, and it will most likely be some time before the "Tech" will develop another center fielder that will be his equal.



TRINKHAUS: George Trinkhaus, the smallest member of the "Big Three Outfielding Company,' composed of Hook, Herman, and Trinkhaus, closed his career at Armour in a blaze of glory. Although "Trink" won his fame in the outfield, he was occasionally pulled in on the inner works, and was even placed in the box now and then. Trink was one of the niftiest and brainiest players that ever wore a "Tech" uniform, and was always pulling the spectacular in the field, or the unexpected at bat or on the bases. For two years George was the official lead off man, but during the last year he was placed second in the list, owing to his ability to bunt or clout one as the occasion demanded. Trink will be sorely missed this year, for besides his all-around ability as a ball player, he was the wit of the team, and kept everybody on edge with his humor, fancy tricks and sleight of hand performances.

KATZINGER: When Katzinger was chosen captain of the 1916 baseball team, it marked the second captaincy he had held on Armour athletic teams. Previously he had been captain of the baseball team during his last year in school, he reached as high a point as had been attained by any athlete at the "Tech." Katzinger has already won nine A's, and he bids fair to raise this to an even dozen, the maximum number, before he graduates. And Katz deserves every honor that he has attained, as he is Armour's greatest all around athlete. Mention of his track and basketball achievements will be made elsewhere, as this article deals with him as a baseball player.

Katz made the "Tech" team during his Freshman year, and has since held down the keystone position in great style. A good fielder, hard and timely hitter, and full of pep at all times, he has always been a delight to his teammates and coach. Katz has a good bunch to lead this year, and here is hoping he can close his career at Armour at the head of a championship team.

BROMAN: Broman came to the front in 1914, when Coach Schommer, searching for some one to bolster his pitching staff, looked very kindly on the bulk of big John. Broman soon developed a world of speed, and soon showed all the earmarks of a regular pitcher. He was not given much opportunity to show in 1914, but last year he came into his own and was regarded as Armour's leading pitcher. His best performance was against Knox, when he let them down with three hits, and forced ten of them to fan the air. This is John's last year at the "Tech" and he surely will be missed, for besides his pitching, he was one of the best hitters on the team.

WILCOX: After two years of successful inter-class pitching, Wilcox came into his own last year, as a varsity twirler. By consistent work during the spring practice season, Wilcox mastered his main fault, lack of control, and at once became a very affective hurler. His best performance was against Northwestern College, letting them down without a run, and starting a winning streak for the team that was not broken until the last game of the season. Maurice has speed galore and also a good curve, but that underhanded fast one that he shoots across now and then simply gets them all. This is Wilcox's last year in school, and he promises to make a name for himself before he goes.

MOUAT: "Shorty" Mouat's record would not be complete unless he made the varsity baseball team. Accordingly he came out and won his letter last year, despite the fact that he is the smallest man that ever wore an Armour uniform. Shorty acted as substitute outfielder and infielder, and hopes to make the team as a regular this year, despite the fact that there are a lot of big fellows who will try to beat him out of a job. He figures that he will just fit into that "little" right field of ours, and claims that it was just made for him.

HILL: Claude Hill, the congenial catcher, is the third member of the Senior Class on the championship team of 1915. Claude will surely be a great loss to the team, not only because of his ability as a ball player, but because of his everlasting jokes and good humor. Nobody ever saw Hill real mad, but nevertheless, he is a mighty hard worker behind the bat, and always in the game. Claude's greatest ambitions are to hit a home run, and to catch every man that attempts to steal second base on him. He says he will then lay aside the mask and protector and be satisfied. Hill is the best known athlete among the hotels on the Little Five circuit, for he admits himself that he just loves to eat.

ALENDER: Alender was the second member of the catching department, and alternated with Hill in handling the shoots of the pitchers. "Aly" showed a great improvement over his 1914 form, and if he can show more improvement this year, he will be one of the best catchers in the conference. Being a good hitter, he is a valuable man to have in the game, as he holds up the hitting strength at the bottom of the line.

This year will be Alender's last year, and he promises to make it the banner one of his career. No doubt he will live up to this expectation, as he has last year's experience which will be very valuable.

PASKILL: Performers around the keystone play much more consistently when they are assured their plays will be handled well at the initial sack, and our infielders know that no throws are going to "get by" Paskill. Armour is indeed fortunate to have him in her lineup; he is a thoroughbred in the national pastime, and his world of experience has proved to be of great value to the team. As a leadoff man he has no equal; a hard man to pitch to, possessed with the faculty of "looking 'em over," and at the same time with the ability to clout them to the far corners when they come over to his liking. "Pask" has served but half time with the "Tech," so we expect to hear "Two down, gang!" and "Stay with 'em," to echo over the diamond for two more seasons, during which time we hope to win a couple more championships.

CONWAY: During the class series in the fall of 1914, there appeared in the line-up of the Freshmen, a youngster who seemed to know a lot of baseball, and who could hit 'em far and often. Conway won his name, and when it came time for the tryouts in the spring, he more than lived up to the things expected of him. "Conny" proved to be the season's find, and promises to be one of the best ball players that ever played for the "Tech." A fine fielder, good hitter, strong thrower, and possessed of that which is known as "baseball sense." Conway proved one of the leading factors of the "best infield in the Little Five." He alternated between second base and shortstop, but will probably be a fixture at short this season, to take the place of Tommy Sullivan.

KING: In looking over the batting averages, we find that a fellow named King leads the field by a large margin, which would indicate that he must be one of our best outfielders, as outfielders are supposed to hit. Any such assumption, however, is entirely wrong, as King is one of our best little pitchers. At the beginning of the season he was scarcely considered amongst our pitching prospects, but Coach Schommer needed pitchers, and needed them bad, so King started in to make a pitcher of himself. By consistent work he gradually improved, and before the season was over, had developed among other things, one of the best spit-balls that has been seen on Ogden field in years. He proved the most dependable pitcher of the staff, which speaks highly of his determination to make good. We expect a great deal of King this year, and if he continues to improve at the rate he did last year, we know that he will more than fulfill our expectations.

SPORTS

HULLINGER: The only Freshman to win his letter in baseball, beside Conway, was "Strings" Hullinger. At the beginning of the season he was an aspirant for the first base job, but later was transferred to the outfield, where he showed a knack for gathering in flies. He had a mighty hard job to try and break into that outfield combination, but nevertheless, he played in enough games to win his A. This year he promises to hold down a job as a regular, and as he has three more years to play, no doubt will prove a valuable man to Coach Schommer.

HALL: Hall has been the "Tech" utility man ever since he was a Freshman, and his extreme versatility makes him a very valuable man. During his career at Armour he has played at third, at second, and in the outfield. His greatest delight, however, was to pinch hit for Dutch Herman, and to be on the coaching line whenever Bruce got on base. Although Hall never tried to pitch, it is the opinion of some that he missed his calling, as he has a strong arm and breaks bats the same as a pitcher, and left-handed one at that. Seriously, however, Hall is a mighty good ball player, and as he still has two more years to play, he will no doubt prove to be one of Armour's best men this year and next.

CHAMBERLAIN: No doubt fate had a grudge against Joe Chamberlain early last spring, for she certainly dealt him a hard blow. In the first game of the season Joe held the Chicago University to four hits and one run, while his team-mates piled up a total of nine runs behind him. Soon after this game Joe was taken sick, and did not participate in any more games until near the end of the season. When he came back, it was as an infielder, as he was not strong enough to pitch. In Chamberlain, the Institute loses one of its best ball players, and we regret that he was not able to give his best during his last year, as no doubt he would have had an enviable record.

HERMAN: This article might be entitled "The Passing of 'Dutch' Herman," for, after this issue, the Cycle will no longer have the opportunity to tell of the exploits of that sterling Herman. For the past three years, baseball, the "Tech," and "Dutch Herman" have been analogous terms, and it is with fear that we look into the future and imagine what will be in store for the "Tech" without her "Flying Dutchman." Dutch was the third member of that great outfield, and last year marked the closing of a remarkable career. In 1913, Dutch led the Little Five Conference with a batting average of .505. Dutch had great confidence in his arm, and never tired of the futile attempt to catch the runner at the plate after a sacrifice fly.

SPORTS

BASEBALL SCHEDULE

March 24—at Chicago; Armour, 9; Chicago, 1.
April 3—at Ogden Field; Armour, 4; University of Wisconsin, 9.
April 5—at Ogden Field; Armour, 24; Hahneman College, 2.
April 7—at Northwestern; Armour, 5; Northwestern University, 11.
April 10—at Northwestern; Armour, 5; Northwestern University, 6.
April 14—at South Bend; Armour, 2; Notre Dame, 11.
April 15—at Urbana; Armour, 2; University of Illinois, 14.
April 16—at Ogden Field; Armour, 4; Northwestern College, 0.
April 21—at Ogden Field; Armour, 9; Northwestern University, 9.
April 28—at Ogden Field; Armour, 7; Lake Forest, 6.
April 30—at Galesburg; Armour, 5; Knox, 1.
May 1—at Monmouth; Armour, 6; Monmouth, 5.
May 11—at Ogden Field; Armour, 5; Beloit, 3.
May 14—at Ogden Field; Armour, 13; Monmouth, 3.
May 18—at Beloit; Armour, 7; Beloit, 5.
May 20—at Lake Forest; Armour, 3; Lake Forest, 4.

BASEBALL TEAM

SULLIVAN, Captain	Shortstop and second base
KATZINGER	Second base
HILL	Catcher
ALENDER	Catcher
HOOK	Center field
HERMAN	Left field
TRINKHAUS	Right field
HALL	Third base
PASKILL	First base
CONWAY	Shortstop and second base
BRUCE	Third base
KING	Pitcher
BROMAN	Pitcher
WILCOX	Pitcher
HULLINGER	Sub. outfield
MOUAT	Sub. infield

SPORTS

BASEBALL

The "Tech" brought her athletic season of 1914-15 to a fitting close by decisively winning the Baseball Championship of the Little Five Conference. Only one game was lost during the season to a member of the Conference, and this was the last game of the season, played at Lake Forest. The old jinx, that Lake Forest cannot be beaten on her own grounds, seemed to be in effect, although it received a terrible scare when it took the North Shore team ten innings to get the decision. A weird decision by the umpire also helped to bring about the downfall of the "Tech" and thus spoil a perfect record for the season.

When the practice season started, Coach Schommer had his regular outfield, composed of Hook, Herman and Trinkhaus, the same trio that had played for three years previous. The infield was the same as the year before, with the exception of Conway, a freshman who proved a valuable man before the close of the season. Thus, for infielders John has Captain Sullivan, Katzinger, Paskill, Bruce, Hall, Chamberlain and Conway. Hill and Allender were the catchers. As for pitchers, at the beginning of the season there were only three prospects, in Broman, Wilcox and King. The strong practice games that were played against such teams as the University of Wisconsin, Chicago, Illinois, Notre Dame, Northwestern and Northwestern College, served their purpose in developing the three men and also the men behind them.

In the first game of the season, Chicago was beaten at Midway, 9 to 1. Chamberlain letting the Maroons down with four hits. This made our pitching stock sore, but Chamberlain took sick after this game and was unable to take his turn in the box again during the season. The pitching then fell upon Broman, King and Wilcox, and each did wonderful work after they had been beaten by Illinois, Notre Dame and Wisconsin. Nervousness and lack of control was the main fault at first, but this disappeared when the season got under way.

The team showed a lot of fighting spirit and the ability to hit when hits meant runs. This spirit showed itself in the game at Monmouth, when, after Monmouth had acquired a lead of four runs in the first inning on a series of punts and errors, the "Tech" came back and held them safe, and proceeded to cut down the lead, and finally won out in the eighth inning. Also in the Lake Forest game at Ogden Field, Armour showed her sterling qualities when in the ninth inning, Lake Forest forged to the front and acquired a lead of one run, the "Tech" came right back and scored two more, thus winning the game in the ninth inning. A lightning double play killed a rally at Beloit that threatened to be the score of the eighth inning after Armour had been leading all the way. The defeat put Beloit out of the running and cinched the championship for the "Tech."

For this year we have the same pitching staff, the same infield, with the exception of Sullivan, Mouat and Hullinger, who substituted both in the infield and outfield throughout the season. The loss of the star outfielder is the most serious blow and will cause a hole that will be hard to fill. However, as each of the pitchers are hard hitters, Coach Schommer expects to be able to work alternate his pitchers in the outer garden, and thus making it unnecessary to develop three new outfielders.

SPORTS

BASEBALL

ARMOUR VS. CHICAGO, AT STAGG FIELD

Armour opened her baseball season most auspiciously on March 24, by trimming the University of Chicago team on their own grounds, by the score of 9 to 1. The game was the first real practice game of the season, and the way the "Tech" team played, both by hitting and fielding, was a revelation to Coach Schommer. Five runs were made off Satt in the first inning, and before the game was finished, four more were added to Armour's score, putting the Maroons hopelessly out of the running. Chamberlain pitched a great game, letting "Pat" Page's sluggers down with four hits. The only run scored by Chicago came as a result of a wild pitch. Conway and Hullinger of the Freshman class showed up well, both in hitting and fielding, while Bruce, of last year's team, led the veterans with the stick.

The score:

ARMOUR 9					CHICAGO 1				
Name	*A.B*	*R.*	*H.*	*E.*	*Name*	*A.B*	*R.*	*H.*	*E.*
Trinkhaus, lf.	3	2	0	0	Chang, rf.	4	1	2	0
Bruce, 3rd	3	2	2	0	George, 2b	4	0	0	0
Conway, 2nd	5	1	3	0	Kixmiller, ss.	4	0	0	1
Hook, cf.	3	1	0	0	Gray, cf.	2	0	0	0
Herman, rf.	4	1	1	0	Cavin, 3b.	3	0	0	1
Sullivan, ss.	5	0	0	0	Flood, lf.	4	0	1	1
Hullinger, 1st.	5	0	1	1	McConnell, 1b.	4	0	0	0
Chamberlain, p.	5	1	1	1	Hart, c.	2	0	0	0
Hill, c.	4	1	1	1	Satt, p.	3	0	0	0
Total	37	9	9	3	Total	30	1	4	3

TECH LOSES TO WISCONSIN

The "Tech" played the University of Wisconsin at Ogden Field, April 3, and lost the game in the first two innings. Wisconsin came with the intention of getting revenge for the defeat which she suffered at the hands of Armour for the previous year, and succeeded in doing so, because Armour blew up at the very start. Broman was wild and passed three men in the first inning. Two hits and an error combined, yielded four runs. Wisconsin got four hits in the second inning, which, aided wth another error, netted three more runs. Broman settled down after this and proceeded to set the opposing batters down in order, but the damage was done, and Tech could not catch up with the score.

Armour scored two runs in the third on hits by Hill and Trinkhaus, and the infield hits by Paskill and Conway. In the sixth, Herman got on base and was driven in by Hook when he hit the flagpole in the left field. Another run was added in the ninth when a near rally was attempted. Hook was passed, Hall signled to left, Chamberlain flied out to left, and Mouat was out to the pitcher. Trinkhaus was then hit by a pitched ball, filling the bases. Paskill was passed, forcing in Hall, but Katzinger ended the game with a high fly to the right.

The score:

Innings	*1*	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	R.	H.	E.
ARMOUR	0	0	2	0	0	1	0	0	1	4	7	3
WISCONSIN	4	3	0	1	0	0	1	0	0	9	9	2

Batteries: Broman, Chamberlain and Hill, Alender, Sockerson and Connolly.

SPORTS

NORTHWESTERN 6, ARMOUR 5

Armour invaded Evanston Saturday, April 10, and threw a scare into the Northwestern camp, that had "Wee" Willie McGill raving until luck turned the tide in his team's favor in the last half of the ninth inning. Armour was leading Northwestern, 5 to 3, and had two men out in the ninth inning, when Hightower, the Purple slugger, started a rally that tied the score. The two teams battled on even terms until the eleventh, when Hightower again started a rally which resulted in the winning run for Northwestern.

Armour took the lead at the start by scoring two runs on a pass to Trinkhaus, Conway's double, and a single by Bruce. Northwestern tied the score in its half, but Armour took the lead again, in the second. Broman was safe on an error, but was forced on second by Hill. Paskill singled, and both men scored on a long double by Trinkhaus. Armour got another run in the sixth, when "Dutch" Herman tripled to right and scored on an overthrow to catch him at third. Broman pitched great ball, the only man to solve him being Hightower, who just about played the whole game for Northwestern.

The score:

ARMOUR 5

Name	*A.B*	*R.*	*H.*	*E.*
Paskill, 1b.	5	1	1	0
Trinkhaus, lf.	4	1	2	0
Conway, 2b.	5	1	2	0
Bruce, 3b.	5	0	1	0
Hook, cf.	2	0	0	0
Herman, rf.	5	1	1	0
Sullivan, ss.	3	0	0	0
Broman, p.	5	0	0	1
Hill, c.	4	1	0	1
Hall, cf.	3	0	0	0
Total	41	5	7	2

NORTHWESTERN 6

Name	*A.B*	*R.*	*H.*	*E.*
Campbell, 2b.	5	1	0	1
Peterson, cf.	5	2	1	0
Hightower, 3b.	5	1	4	0
Quigley, 1b.	6	1	2	1
Hogue, ss.	5	1	2	0
Carlos, lf.	5	0	1	0
Spearman, rf.	0	0	0	0
Locke, c.	4	0	2	0
Schneeberger, p.	4	0	1	0
Juel, p.	4	0	0	0
Total	43	6	13	2

ARMOUR DEFEATS KNOX AND MONMOUTH

The "Tech" handed Knox College and Monmouth each a knockout, defeating the former by 5 to 1, and the latter 6 to 5.

Broman held Knox helpless, striking out ten men and holding them to three hits and one lone tally. His pitching was the best he had done for the "Tech," and we hope the jinx pursuing him has been finally overcome.

Conway and Sullivan starred at bat against Knox, the former getting two doubles and the latter a double and single. This is the first game the "Tech" has come through without an error.

Monmouth was beaten in an uphill fight by cunning star fielding, and a triple in a pinch. After a four run lead, made in the first inning by a succession of fine bunts, the "Tech" started its uphill struggle. Paskill tripled and Trinkhaus singled, scoring a run. Another inning Paskill got on, due to an infield error. He stole second and third, and scored on a single by Hook. Another run was scored without a hit. Finally the eighth inning came with the "Tech" needing two to tie. Hook and Capt. "Sully" each singled. Then Herman busted one for a triple. Monmouth attempted to head him off at third, but overthrew the ball, and our "Flying Dutch" crawled home with the winning run.

Conway's bluff throw to first on a bunt, and trapping of a third runner that was put out by himself, and then cutting off the bunter who ran wild for the second out, snuffed out a dangerous rally of Monmouth's.

SPORTS

Wilcox pitched a good game, but a little slow fielding on his part got him in a bad hole in the first inning. King, the spitball artist, finished the last two innings.

KNOX COLLEGE 1

	R.	*H.*	*P.O.*	*A.*	*E.*
Mikami, ss.	1	1	1	4	0
Carpenter, 3b.	0	1	2	2	1
Walker, c.	0	0	4	1	0
McGovern, p.	0	1	0	3	0
Parr, lf.	0	0	3	1	0
Wheeler, cf.	0	0	2	0	0
Emerson, 2b.	0	0	1	2	0
Pritchard, rf.	0	0	0	0	0
Jones, 1b.	0	0	14	0	1
Totals	1	3	27	13	2

TECH 5

	R.	*H.*	*P.O.*	*A.*	*E.*
Paskill	0	1	10	0	0
Trinkhaus	1	0	0	0	0
Conway	1	2	2	3	0
Hook	2	1	4	0	0
Hall	0	0	0	1	0
Sullivan	1	2	0	1	0
Mouat	0	0	0	0	0
Herman	0	0	0	0	0
Hill	0	0	8	1	0
Alender	0	0	3	0	0
Broman	0	1	1	0	0
Totals	5	7	28	6	0

MONMOUTH COLLEGE 5

	R.	*H.*	*P.O.*	*A.*	*E.*
Landgraf, ss.	1	1	0	1	0
King, 2b.	1	1	2	1	2
McMichael, 1b.	1	1	7	0	0
Warfield, cf.	2	0	1	0	0
McLaughlin, 3b	0	3	2	2	0
Burnett, c.	0	1	13	3	0
Nichol, lf.	0	1	1	1	0
Turnbull, rf.	0	1	0	0	0
Shenefelt, p.	0	1	1	2	1
Totals	5	10	27	10	3

TECH 6

	R.	*H.*	*P.O.*	*A.*	*E.*
Paskill	2	2	11	0	1
Trinkhaus	0	2	0	0	0
Conway	0	0	2	3	0
Hook	1	2	1	1	0
Sullivan	1	1	2	2	0
Hall	1	0	2	3	0
Herman	1	1	1	0	0
Hill	0	0	8	2	0
Wilcox	0	0	0	2	1
King	0	0	0	0	0
Totals	6	8	27	13	2

TECH WINS FROM LAKE FOREST

Lake Forest was defeated April 28, by a score of 7 to 6, on Ogden Field. The game was the "Tech's" all the way until the ninth, when a succession of errors and two hits allowed Lake Forest to come from behind with a score of 5 to 1 against her, and joss the "Tech" 6 to 5. The "Tech" then came to bat. "Sully" got on an error, and scored on Alender's double. After two were down, Paskill broke up the game when he soaked one to deep center, scoring the winning run and ending the most exciting inning ever staged on Ogden Field. Alender with three hits, King with two hits, and Hook with a home run and a single, were the hitting stars. Conway got on base four times without a hit, but the hitting stars couldn't score him.

King pitched a dandy game all the way, and held the visitors to seven hits. For a young pitcher he has been rounding into a real slab artist magnificently.

ARMOUR TECH 7

	R.	*H.*	*P.O.*	*A.*	*E.*
Paskill, 1b.	0	1	13	0	3
Trinkhaus, rf.	1	1	3	0	0
Mouat, rf.	0	0	0	0	0
Conway, 2b	0	0	3	4	1
Katzinger, 3b.	0	0	0	1	0
Hook, cf.	1	2	1	0	0
Herman, lf.	1	0	0	0	0
Sullivan, ss.	2	0	2	2	0
Alender, c.	2	3	4	1	2
King, p.	0	2	1	4	0
Totals	7	9	27	12	6

LAKE FOREST 6

	R.	*H.*	*P.O.*	*A.*	*E.*
McFerron, 3b.	0	0	0	2	1
Hall, 2b.	2	1	1	1	0
Dunsmore, lf.	1	0	2	0	0
Krueger, cf.	1	2	0	0	0
Knigge, 1b.	1	0	15	0	0
Eklon, c.	1	1	6	2	1
Durr, ss.	0	1	1	3	3
Thorp, rf.	0	0	0	0	0
Smith, rf.	0	1	0	0	0
Franzon, rf.	0	0	0	0	0
Gray, p.	0	1	1	2	1
Stokes, p.	0	0	0	0	0
Totals	6	7	26	10	6

SPORTS

BELOIT VS. ARMOUR AT OGDEN FIELD

Armour won her fourth straight conference game on May 11, with Beloit as her victim. The game was one of the best played on Ogden Field during the year, and when Beloit threatened to tie the score in the ninth inning there were some anxious moments amongst the "Tech" fans. The 'Tech" took the lead in the first inning, on a double by Paskill, and three infield outs. In the second, the "Tech" scored four runs on passes to Trinkhaus and Paskill, and singles by Conway, Chamberlain, Katzinger and King, and a double by Hook.

Beloit scored one in the fifth inning, and two in the ninth, when two hits were coupled with an error. King pitched a fine game, but his hitting was the feature of the game—three hits in four times at bat. Beloit had a perfect day in the field.

ARMOUR 5

Name	*A.B*	*R.*	*H.*	*E.*
Paskill, 1b.	3	1	2	0
Trinkhaus, rf.	2	1	0	1
Conway, ss.	4	1	1	0
Hook, cf.	4	1	1	0
Chamberlain, 3b.	3	1	2	1
Katzinger, 2b.	3	0	1	1
King, p.	4	0	3	0
Herman, if.	4	0	1	0
Hill, c.	4	0	0	0
Total	31	5	11	3

BELOIT 3

Name	*A.B*	*R.*	*H.*	*E.*
Johnson, rf.	4	0	0	0
Loecher, 1b.	4	0	0	0
Klesath, ss.	4	1	1	0
Hurn, 3b.	4	1	0	0
Cook, cf.	4	0	2	0
Reiss, c.	4	1	0	0
Eckhardt, lf.	4	0	3	0
Cornell, 2b.	4	0	0	0
Schultz, p.	4	0	0	0
Total	36	3	6	0

MONMOUTH VS. ARMOUR AT OGDEN FIELD

On May 14th, Monmouth invaded Ogden Field, bent on revenge for the defeat that the "Tech" had administered to her in a grand-stand finish on her own diamond. The downstaters started out well, and got two runs in the first inning, but the "Tech" came right back with five. Just about then it started to rain, and as Monmouth was behind, her players started to stall in hope that the rain would come before 4½ inning could be played. The "Tech" players, however, beat them at their own game by crossing from one batters box to the other while the pitcher was in the act of delivering the ball. The Monmouth players raved, but to no avail. The rain refused to fall, and after four and one-half innings had been finished, both teams settled down and played good ball. The damage had been done, however, and the "Tech" won by the score of 13 to 3. The features of the game were Conway's home run and Wilcox's work in the box.

The score:

Innings	*1*	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	R.	H.	E.
ARMOUR	5	0	0	5	0	0	2	1	x	13	15	3
MONMOUTH	2	0	0	0	1	0	0	0	0	3	6	3

Batteries: Wilcox and Hill, Armour. Schonefelt, McMichael and Burnette, Monmouth.
Umpire: Wainwright.

SPORTS

ARMOUR VS. BELOIT AT BELOIT

The "Tech" journeyed to Beloit on May 18th, and for the second time during the season, took the measure of the Badgers. Armour started the scoring in the first inning, getting three markers across the plate before the Beloit team could stop the onslaught. Paskill got a base on balls and went to second on a sacrifice by Trinkhaus, and scored on Hook's single. Hook then stole second and scored on Chamberlain's safe smash. The latter scored on Sullivan's single, which ended the scoring for that inning. Another run was added in the third inning when Conway singled, stole second, and scored on Chamberlain's second hit. Three more were added in the eighth, on doubles by Conway and Sullivan, and Hook's single, coupled with two infield outs and an error.

King kept Beloit's hits well scattered, and, aided with the best support of the year, kept Beloit's total down to two until the ninth inning. Then Beloit staged a great rally, and succeeded in getting three runs on as many hits, together with a base on balls, and an error. The "Tech," however, pulled out of the hole in time to save the day, and thus cinch the championship of the Little Five Conference.

A great crowd of Beloit fans turned out to see the game, and nearly went wild when the team threatened to pull the game out of the fire in the ninth inning. They were forced to bow to the "Tech", however, when a lightning double-play killed the chances of their team's success.

The features of the game were the fielding of Armour, and the hitting of King and Loescher.

The score:

ARMOUR 7

Name	*A.B*	*R.*	*H.*	*E.*
Paskill, 1b.	4	1	1	0
Trinkhaus, rf.	4	0	0	0
Conway, ss.	5	2	2	1
Hook, cf.	4	1	2	0
Chamberlain, 3b.	2	1	2	0
Sullivan, 2b.	4	1	2	0
King, p.	4	0	3	0
Herman, lf.	4	0	0	0
Hill, c.	4	0	0	1
Hall, 3b.	2	1	1	1
Total	41	7	12	3

BELOIT 5

Name	*A.B*	*R.*	*H.*	*E.*
Johnson, rf.	5	1	2	0
Loescher, 1b.	5	1	3	0
Klesath, ss.	5	0	1	0
Hurn, 3b.	3	2	0	1
Cook, cf.	5	0	2	0
Eckhardt, lf.	5	0	1	0
Reiss, c.	4	0	1	1
Cornell, 2b.	4	0	0	0
Schultz, p.	4	1	1	0
Total	40	5	11	2

ARMOUR AT LAKE FOREST

The final game of the season, and the only one that the "Tech" lost in her conference schedule, was played at Lake Forest. The score was 4 to 3, and it took ten innings to decide it. A weird decision by the umpire was the direct cause for the defeat, as the run that tied the score should not have been counted. The run in question, came in the fourth inning, and tied the score at three all. In the fourth Lake Forest got a man on third who tried to score on an infield ball. He slid in ahead of the ball and failed to hit the plate, and while the "Tech" players were trying to tag him, he ran

around behind the Lake Forest bench and dodged through the crowd of rooters on the sidelines, finally succeeding in getting back to third. He scored later, and the run was allowed to count. Broman pitched air-tight ball, and would have won his game but for a couple of costly errors by the "Tech infielders."

The score:

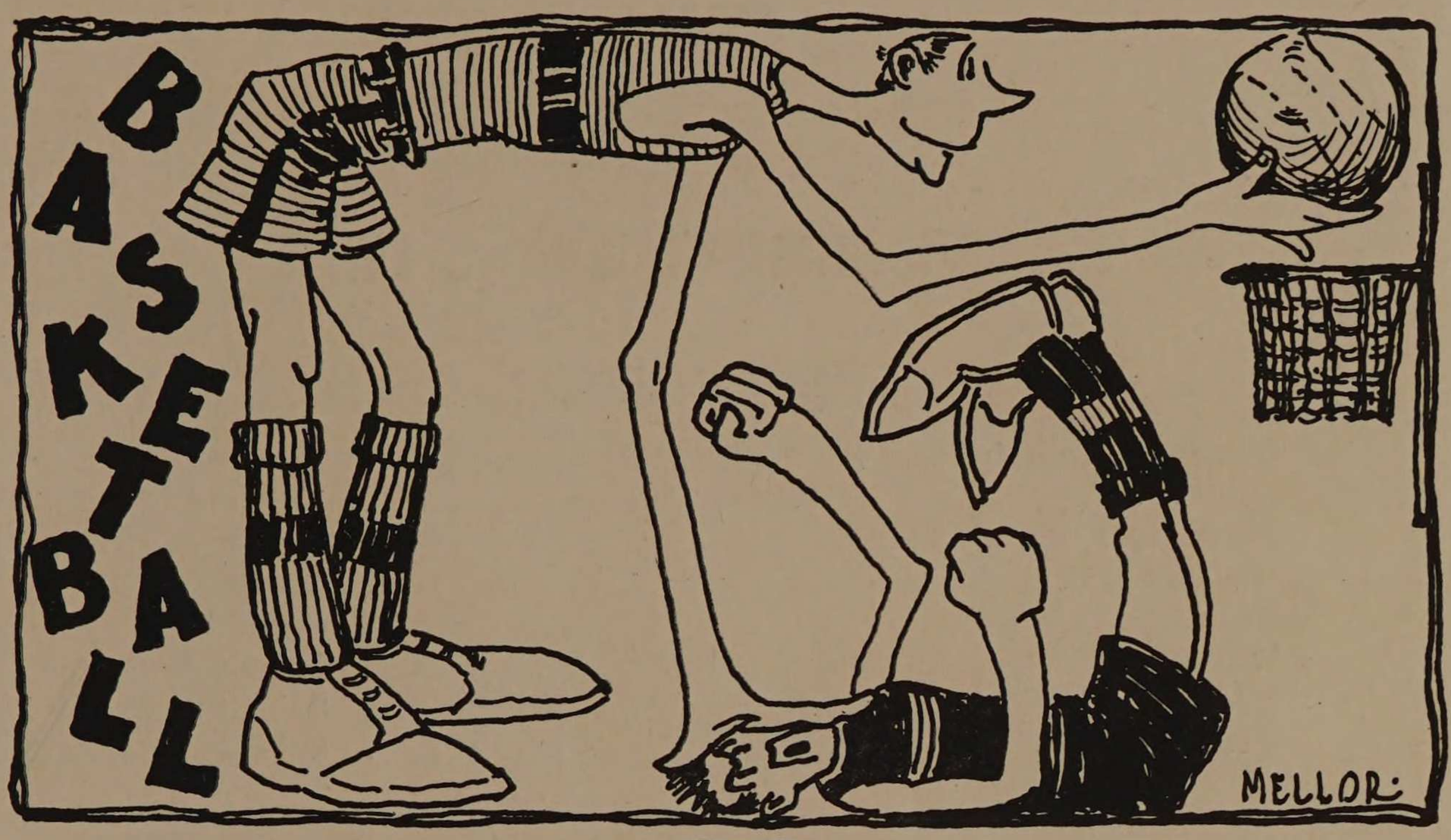
	1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*10*	R.	H.	E.
ARMOUR	1	0	0	0	1	0	1	0	0	0	3	8	2
LAKE FOREST ..	1	0	1	1	0	0	0	0	0	1	4	5	1

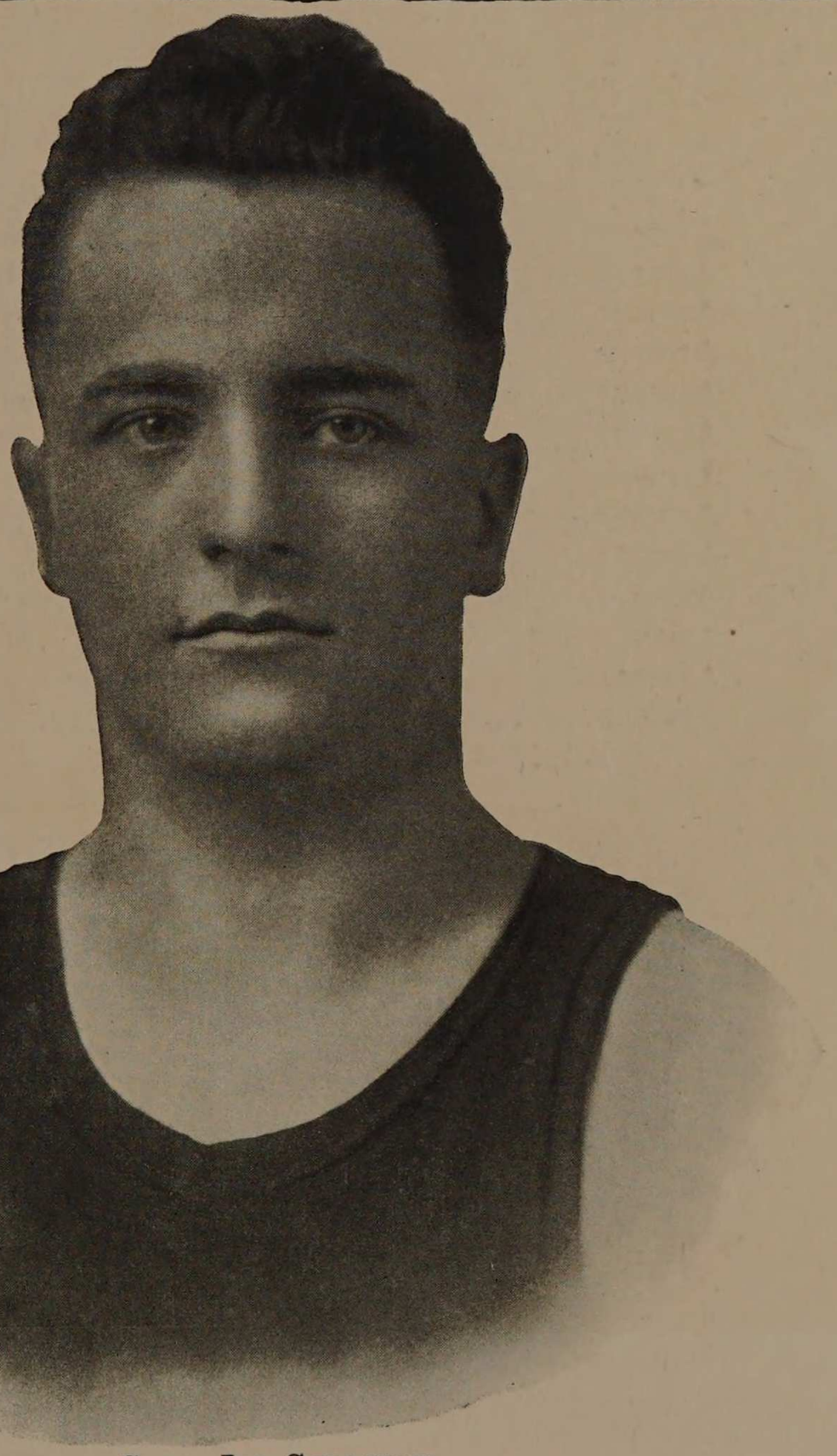
Batteries: Broman and Alender. Barto and Eklon.
Umpire: Wainwright.

Conference Games of 1915—Averages

Players	Games	AB	R	H	SB	BB	Bat, Av:
King	6	20	1	9	0	0	.450
Chamberlain	5	16	2	6	3	0	.375
Hook	16	61	14	21	3	3	.344
Conway	16	68	12	22	6	4	.323
Hullinger	5	16	2	5	0	0	.312
Katzinger	6	24	1	7	0	4	.292
Sullivan	12	41	11	12	1	3	.292
Paskill	15	59	17	16	7	13	.272
Trinkhaus	15	47	13	12	7	5	.255
Alender.....	7	20	4	5	1	0	.225
Mouat	9	14	3	3	0	0	.214
Hill	12	38	4	7	1	0	.184
Herman	16	56	9	10	3	3	.179
Broman	5	17	0	3	0	1	.177
Hall	13	29	6	5	0	0	.173
Wilcox	6	17	2	2	0	1	.118

CHAMPIONS OF LITTLE FIVE CONFERENCE





CAPT. JOE SULLIVAN

SPORTS

The Basketball Team, 1916

BASKETBALL LINEUP

SULLIVAN, Captain	Forward
MOUAT	Forward
SANDROFF	Center
CONWAY	Guard
KERR	Guard
WATT	Substitute Center
HOCHENBERGER	Substitute guard
TAYLOR	Substitute forward

"TECH" RECORD 1915-16

Tech	*Opponents*
Armour.....23	St. Ignatius 38
Armour.....21	Y.M.C.A College 23
Armour.....11	Chicago University ...28
Armour.....22	Y.M.C.A. College 27
Armour.....21	Y.M.C.A. College 20
Armour.....17	Monmouth 28
Armour.....17	Knox 21
Armour.....22	Lake Forest 43
Armour.....20	Monmouth 16
Armour.....33	Knox 25
Armour.....19	Beloit 11
Armour.....28	Lake Forest 15
Armour.....32	Beloit 9
Total.....286	Total.....304

SPORTS

SULLIVAN: Joe Sullivan, the fighting Irishman of Armour, as he is known around this circuit, is the man we wish to introduce to you in this article. An introduction may seem sadly out of place, for who is there at Armour that doesn't know Joe Sullivan? As captain of the 1915-16 basketball team, Joe played the best game of his long career at Armour, and in his game against Beloit shot five of the most sensational baskets ever seen in our gym. At the beginning of the season Joe was out of the lineup on account of sickness, which probably cost the Tech the championship, as after he returned the team made a clean sweep. Joe is a good defensive player, but it is on the defense that he shines. His quick and accurate passing together with his wonderful speed and ginger, is a joy forever for Armour fans, and will long live in their memory. Joe started as a Freshman, and has played regularly ever since, and it is with regret that we see him leave us after four years of brilliant work. Basketball is not his only forte, as he is as much of a star on the track team, and his popularity was manifested when he was unanimously elected president of the Rooters Association, while he was still a Junior.

MOUAT: It is with the keenest pleasure that we attempt to describe in a few words the exploits of Harry Mouat. Mouat is the smallest athlete that ever won his letter at Armour. Weighing only 115 pounds, it is no wonder that he was not taken seriously by the coach during his first two years. During his third year, however, he would not be denied, and during his basketball practice season was far and away the best forward in the whole squad. His basket shooting was almost uncanny, while his work on the defense, despite his size, was on a par with any man on the team. At the close of the esason he led the team in field baskets by a large margin, starring in every game he played. His star performance was against the strong Lake Forest team, Conference champions, when he, single hand, scored more points than the whole Lake Forest team put together. He shot 10 baskets, and scored a total of 22 points out of the 28 made by the Tech.

SANDROFF: In Sandroff we find the ideal type of basketball player, the type that is a joy forever to all basketball coaches. A big, rangy, cool, fast man; an accurate basket shooter; and a fighter from the ground up; has made Sandy a name for himself at Armour. This is only his second year, and by the time he spends two more years under the tutelage of Coach Schommer, he no doubt will be one of the greatest basketball men that ever wore the Yellow and Black.

Sandy made the team during his Freshman year, starting at the guard position; but it was soon found out that he had great abilty as a jumper, so that he was shifted to center, where he made good with vengeance. When Sandy gets started down the floor with one of those famous dribbles, he is a veritable steam roller. Sandroff will prove a good nucleus around which to build a team next year.

KERR: One of Coach Schommer's big problems at the beginning of the season was to find some one to fill up the hole at left guard, made by the graduation of Bready and Tom Sullivan, who took care of those positions last year. In Kerr, John found just the man to fill the breach, and he certainly did fill it to over flowing. Kerr, although of Sophomore standing, entered Armour last fall, so we had never seen anything of him before. He soon made his presence felt, in a basketball way, and during the fall class series, began to show rare ability. He is the heaviest and broadest man on the team, and on the defense seems to occupy the whole end of the gym; and the way he goes up in the air after the ball, is a pleasure to see. On the offense, Kerr is a "bear," being fast and always in the game. He also possesses the knack of gathering a few goals during each game, and the best part about his shooting is that he generally waits until the last few minutes of play, which is the time that Armour usually weakens.

Kerr will be with us for two years yet, and if he doesn't make some basketball history, then we miss our guess.

CONWAY: When Conway appeared in the gym in answer to the call for basketball candidates, he was not taken seriously, as he did try out during his Freshman year, we, knowing him in an athletic way as a baseball player. Right from the start, however, he began to make himself conspicuous, and before the season had progressed very far, he had one of the guard positions cinched. It was well that Conway made good, for with Katzinger out of the game, Coach Schommer had to develop two new guards. As a defensive player, Conway was hard to beat; and, possessing the ability to sneak down and "shoot one" now and then, he proved a dangerous man to the opposition. In the scrimmage his lightness seemed to serve him well, for, although he was always in the thickest of the play, he invariably was found on top. We are glad that Conway will be with us again next year, and if he shows any improvement over this year's form, he will surely prove to be a wonder.

TAYLOR: One of the men to win the much coveted "A" was Taylor. He practically did it in his Freshman year, as he was one of the most promising men in the class of 1918, and was carried all year as a substitute. This year, however, he showed great improvement, and was in the lineup very often, although he competed against such stars as Mouat and Sullivan. When it comes to speed, Taylor is there and can shoot baskets with the best of them. He is a player that has developed very fast, and will be a regular next year without a doubt. As Taylor is only a Sophomore, we expect to hear a great deal from him in the next two years.

SPORTS

WATT: When the inter-class basketball series began last fall, the Juniors trotted out a large auburn-topped stranger named Watt. What? Yes, that is what most everybody said when they saw this boy in action. He attracted attention from the very first, and as he is a very large man, he at once won a place on Coach Schommer's list of candidates. Watt came to us directly from Lane College as a Junior, and therefore, has another year to play. At the beginning of the season he was the regular center, but had to give way to Sandroff towards the end, when "Sandy" began to show such sensational work at the pivot position. Watt will be of value next year; and with this year's experience he should be a much improved player, which will mean that someone will have to "go some" to keep him off of the team as a regular.

HOCKENBERGER: After an absence of two years, Hockenberger returned to us and put up the same style of game that he did when he was a Freshman. "Hock" chose a bad time to return, if he intended to make the team as a regular, for with the best lineup on the floor that we have had in years, it is very hard for anyone to break into. Our "Blonde Dutchman" succeeded in playing in a great number of games, however, and showed us that he had the right kind of stuff in him. Next year we expect "Hock" to be one of our best men, as he has had lots of experience, and with this year's training to his credit, he should make a very valuable man.

SPORTS

Basketball Season

AT MONMOUTH

The "Tech" opened the Little Five Conference schedule away from home, the first game being played at Monmouth, on January 21, followed next day by a game at Galesburg, against Knox. Both of these games resulted in defeats, owing to the weakened condition of the "Tech" team, in the absence of Captain Sullivan and Katzinger. The game at Monmouth was a decisive defeat, but luck seemed to play a great part at Knox. The game was nip and tuck throughout, with Armour leading near the finish, when a substitute named Phillips was put into the Knox lineup. He proceeded to make three field goals in rapid succession, and nosed the Tech out in the last minute of play. These two defeats gave the team a handicap at the start, and resulted in the loss of the championship as was later proven when the "Tech" succeeded in battling to a tie with Lake Forest for first honors. The scores:

ARMOUR 17

Player	*b.*	*f.t.*	*p.f.*	*t.f.*
Taylor, l.f.	3	0	1	0
Mouat, r.f.	2	1	2	1
Watt, c.	0	0	0	0
Sandroff, l.g.	1	0	1	0
Kerr, r.g.	1	0	0	0
Wilcox, r.f.	1	0	1	0

MONMOUTH 28

Player	*b.*	*f.t.*	*p.f.*	*t.f.*
Van Pelt, l.f.	6	0	2	0
McConnell. r.f.	1	0	3	0
Ghormley, c.	3	0	0	0
Moffett, l.g.	0	0	0	0
McMichael, r.g.	2	4	1	0

Referee: De Trey.

ARMOUR AT KNOX

ARMOUR 17

Player	*b.*	*f.t.*	*p.f.*	*t.f.*
Taylor, l.f.	3	0	1	0
Mouat, r.f.	3	5	2	1
Sandroff, c.	2	0	1	2
Conway, l.g.	0	0	1	0
Kerr, r.g.	0	0	1	0

KNOX 21

Player	*b.*	*f.t.*	*p.f.*	*t.f.*
McWilliams, l.f.	1	4	0	0
Hamblin, r.f.	4	0	0	0
Anhl, c.	0	0	1	0
Gabrielson, l.g.	0	0	1	0
Radcliff, r.g.	0	0	4	0
Carrol, r.g.	0	0	1	0
Phillips, c.	3	0	0	0

Referee: Ghormley.

ARMOUR AT LAKE FOREST

The third game of our conference schedule resulted in our third and last defeat of the year. After this game the team seemed to find itself and proceeded to play the best brand of basketball ever seen at Armour. The third game was played at Lake Forest, and again the North Shore lads demonstrated as they have in the past, that they are invincible on their own floor.

Capt. Sullivan and Katzinger returned to the game, but the team work showed to poor advantage, as neither was in shape. The attack of Coleman, McFerran and Stokes proved to be veritable steam rollers, and the team work of the whole Lake Forest team was well nigh perfect.

Little Harry Mouat starred for the "Tech," as he always does, and succeeded in scoring 18 of the 22 points. The score:

ARMOUR 22

Player	*b.*	*f.t.*	*p.f.*	*t.f.*
Sullivan, l.f.	0	0	2	0
Mouat	5	8	1	0
Sandroff	0	0	2	0
Conway, l.g.	1	0	0	0
Kerr, r.g.	0	0	0	0
Hockenberger, l.g.	0	0	0	0
Taylor, l.f.	0	0	0	0
Watt, c.	0	0	0	0

LAKE FOREST 43

Player	*b.*	*f.t.*	*p.f.*	*t.f.*
McFerran, l.f.	4	3	2	2
Coleman, r.f.	6	0	3	2
Stokes, c.	8	0	3	0
Krueger, l.g.	1	0	0	0
Hall,	0	0	1	0

Referee: Hoffman, of Chicago.

AT ARMOUR, JANUARY 28, 1916

The "Tech" began to show its real class in its first home game, when Monmouth was defeated in one of the most exciting games ever witnessed in our gym. The score was 20 to 16 at the finish; even, many times during the game. Every man on the Armour team played a great game and each helped in the scoring, with "Shorty" Mouat taking the star role.

Coach Schommer succeeded in developing two stellar guards in Kerr and Conway, and with Sandroff at center, the team showed wonderful improvement. This same lineup went through the remainder of the season without defeat, and succeeded in going into a tie with Lake Forest for the championship. The score:

ARMOUR 20

Player	*b.*	*f.t.*	*p.f.*	*t.f.*
Sullivan, l.f.	1	0	3	2
Mouat, r.f.	3	4	1	0
Sandroff	1	0	1	1
Kerr, l.g.	1	0	0	1
Conway, r.g.	2	0	2	2

MONMOUTH 16

Player	*b.*	*f.t.*	*p.f.*	*t.f.*
Van Pelt	3	0	2	3
Smeby	0	0	1	0
Ghormley	2	0	0	0
Moffett	0	0	0	0
McMichael	0	6	0	0
McConnell	0	0	3	1
Ady	0	0	0	0

Referee: Harris.

KNOX AT ARMOUR, FEBRUARY 4, 1916

The next team to taste defeat at the hands of the "Tech" was Knox. The game was one of the fastest of the season and never lagged for a minute, as both teams seemed to be in excellent condition. Armour led at half time with the score standing 16 to 13, and at the finish 33 to 25. Mouat and Sandroff starred on the offense, while Sullivan, Kerr and Conway played a great defensive game, each man securing at least one field goal. The students began to realize that the "Tech" were a championship contender and showed more spirit than had been seen in a long time.

The antics of "Stew" Miller, the cheer leader, was one of the features at the game, and the games that followed. The score.

ARMOUR 33

Player	*b.*	*f.t.*	*p.f.*	*t.f.*
Sullivan, l.f.	2	0	3	0
Mouat, r.f.	4	7	2	0
Sandroff, c.	4	0	2	0
Conway, l.g.	1	0	0	0
Kerr, r.g.	1	0	1	0

KNOX 25

Player	*b.*	*f.t.*	*p.f.*	*t.f.*
McWilliams,	4	3	1	0
Hamblin	4	0	0	0
Auhl	3	0	2	0
Gabrielson	0	0	3	0
Phillips	0	0	2	0
Radcliff	0	0	3	0

Referee: Harris, of Chicago.

SPORTS

ARMOUR AT BELOIT FEBRUARY 8, 1916

Armour kept up its winning streak at Beloit and defeated the Wisconsin team on their own floor, to the tune of 19 to 11. This was the first time that an Armour team had beaten Beloit on their own floor in many years, and the feat caused us to set up and take notice of our team. The game was fast and furious on each side, and little scoring was done owing to the great guarding on both sides. Mouat again led in the scoring with three field goals and seven free throws. Sandroff also starred on the offense, while Sullivan, Conway and Kerr played a great defensive game, as the size of the Beloit score would indicate.

One of the features that began to manifest itself in the "Tech" play, was the ability to play as strong a game in the second half as it did the first. In previous years it was rare that the "Tech" did not lead or hold its own, especially on its own floor, only to break down in the second half and offer little resistance to the opposition. The score:

ARMOUR 19

Player	*b.*	*f.t.*	*p.f.*	*t.f.*
Sullivan, l.f.	0	0	2	0
Mouat, r.f.	3	7	0	1
Sandroff, c.	2	0	1	1
Conway, l.g.	0	0	1	0
Kerr, r.g.	1	0	0	0

BELOIT 11

Player	*b.*	*f.t.*	*p.f.*	*t.f.*
Phillips	1	0	3	0
Miles	2	0	0	3
Stuessy	1	0	1	0
Klessath	0	3	2	0
Lehr	0	0	2	0
McArthur	0	0	0	0

Referee: Youngman.

LAKE FOREST AT ARMOUR

The "Tech" surprised its followers and even its most ardent supporters, when she beat the strong Lake Forest team in our gym by the decisive score of 28 to 15. Despite the one sideness of the score, the game was one of the fiercest ever seen on our floor, for Lake Forest was leading by a wide margin in the championship race, and fought desperately to stave off a defeat. Stokes of Lake Forest, and Sullivan and Kerr of the home guard, were ruled out of the game for making four personal fouls, which showed that the game was in earnest. The whole Armour team played like demons from start to finish. "Shorty" Mouat played the greatest game of his brilliant career, and succeeded in caging 10 field goals and 2 free throws, making a total of 22 of the 28 points scored. The "Tech" again demonstrated its ability to come back in the second half, scoring 9 points to the visitors' 6. This defeat made it possible for Armour to tie Lake Forest for the championship, which it did later on in the season. The score:

ARMOUR 28

Player	*b.*	*f.t.*	*p.f.*	*t.f.*
Sullivan, l.f.	0	0	4	0
Mouat, r.f.	10	2	0	0
Sandroff, c.	2	0	1	1
Conway, l.g.	1	0	0	0
Kerr, r.g.	0	0	4	0
Hockenberger, r.g.	0	0	0	0
Taylor, l.f.	0	0	2	0
Watt, c.	0	0	0	0

LAKE FOREST 15

Player	*b.*	*f.t.*	*p.f.*	*t.f.*
Berst	0	0	0	0
McVicker	0	0	0	0
Stokes	3	3	4	0
R. Krueger	1	2	3	1
Gray	1	0	1	0
Finney	0	0	0	0

Referee: Harris, of Chicago.
Umpire: Hoffman, of Chicago.

SPORTS

BELOIT AT ARMOUR

Armour closed the season of 1915-16 in a blaze of glory, by overwhelming the Beloit five, 32 to 9. This was the fifth straight victory over the conference teams, and marked the closing of one of our most successful basketball seasons. At the beginning of the game Beloit showed great form and led the "Tech" until near the end of the first half, when our boys began to get their eyes on the basket, and soon caught up to and passed Beloit.

In the second half, Armour ran away with the game showing some of the best team work and basket shooting seen here in years. Capt. Joe Sullivan covered himself with glory, and proved a regular demon on both offense and defense. It was Joe's last game for the "Tech," and one of the best he ever played in his four years of service. This game also marked the passing of Harry "Shorty" Mouat, the greatest basketball player for his size that ever wore the Armour colors. Although a marked man, Shorty succeeded in registering three difficult field goals, and scored 6 points by free throws. Conway, Kerr and Sandroff each played great games, taking part in the team work that so bewildered the Beloit five. The score:

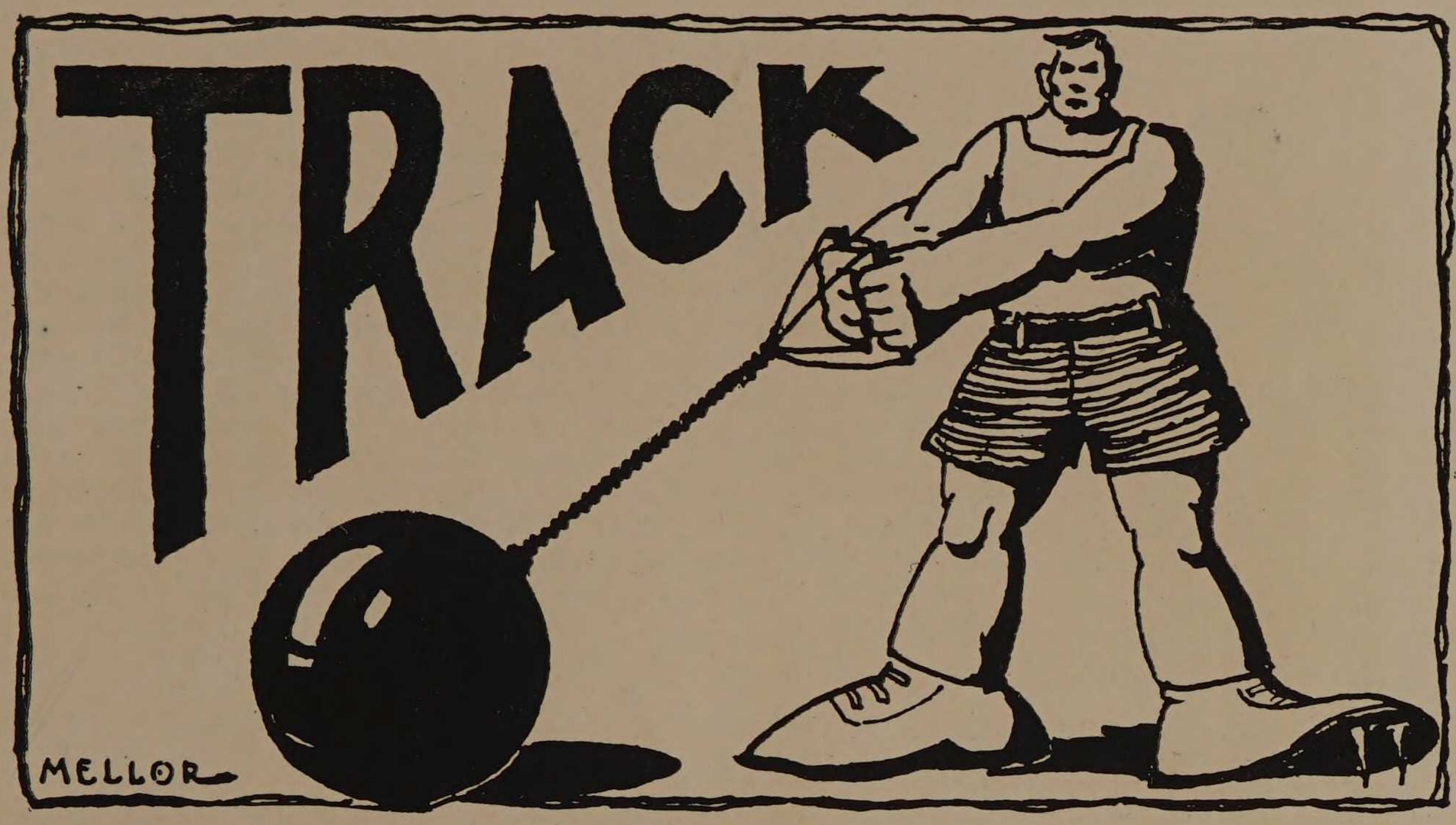
ARMOUR 32					BELOIT 9				
Player	*b.*	*f.t.*	*p.f.*	*t.f.*	*Player*	*b.*	*f.t.*	*p.f.*	*t.f.*
Sullivan, l.f.	5	0	1	1	Phillips, r.f.	1	0	0	0
Mouat, r.f.	3	6	2	0	Levett, l.f.	1	0	1	2
Sandroff, c.	2	0	1	1	Miles, c.	1	0	3	0
Conway, l.g.	2	0	1	0	Lehr, l.g.	1	0	1	1
Kerr, r.g.	1	0	1	0	Klessath, r.g.	0	1	2	0
Watt, c.	0	0	0	0					
Hockenberger	0	0	0	0					

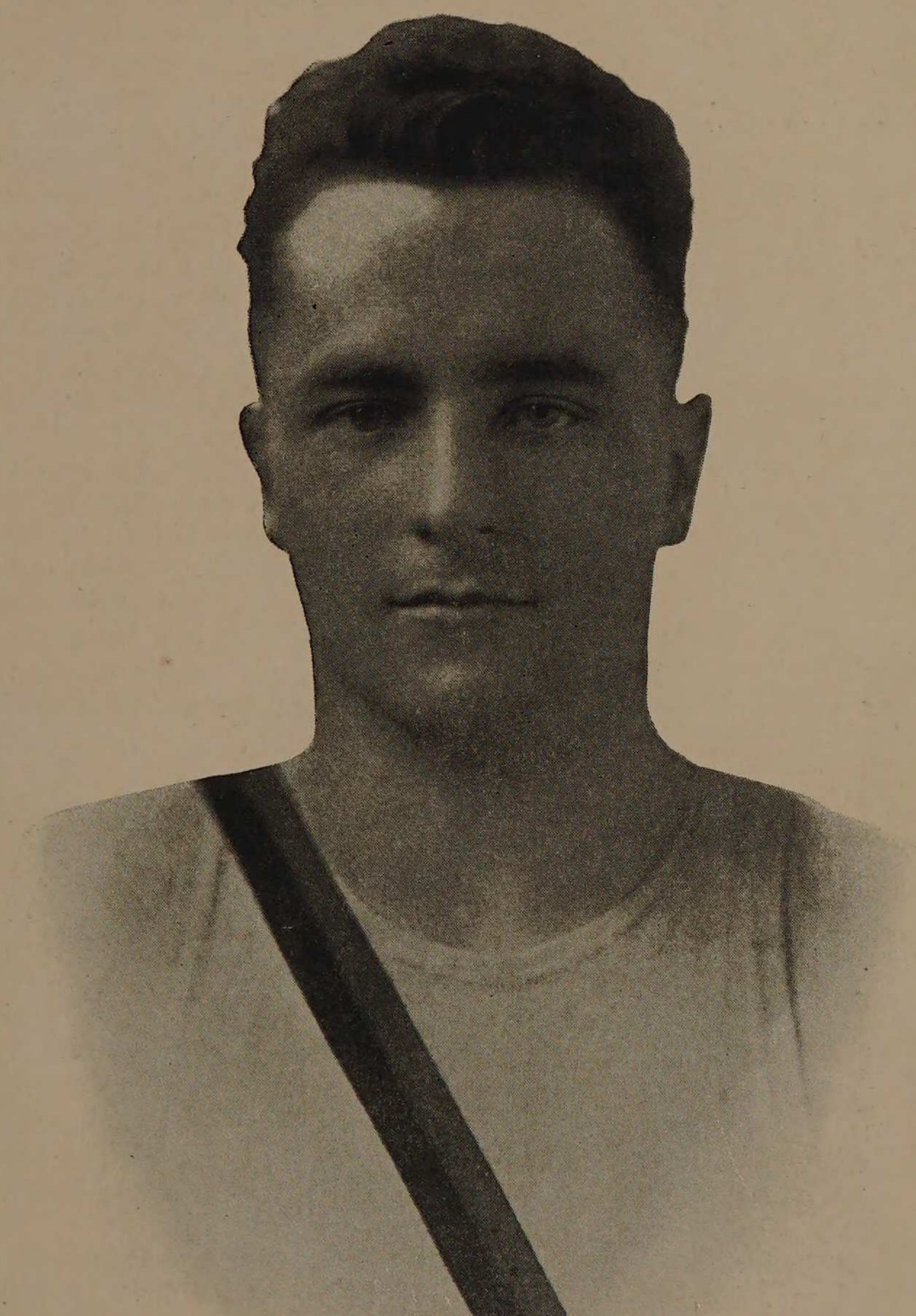
Referee: Hoffman.
Umpire: Reynolds.

INDIVIDUAL POINT RECORD

Player	Field Goals	Free Throws	Total
Mouat	52	51	155
Sullivan	14	0	28
Sandroff	14	0	28
Wilcox	11	0	22
Taylor	8	0	16
Conway	7	0	14
Watt	7	0	14
Kerr	6	0	12
Weiss	2	1	5
Substitutes	5	0	10

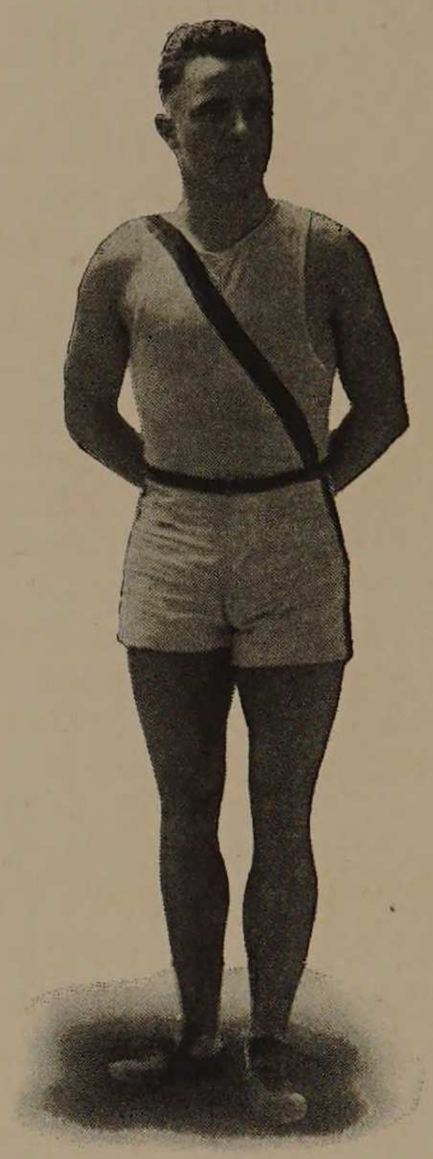
Top Row: Sullivan, *Capt.*, Watt, Rice, Ewin, Schommer, *Coach.*
Middle Row: Taylor, Kerr, Kingsley, Wilcox, Conway, Sandroff.
Bottom Row: Anderson, Weiss, Cable, Mouat.





CAPT. JOE SULLIVAN

SPORTS



SULLIVAN, *Captain*: The name and face of Joe Sullivan has long been familiar in all of the athletics around Armour. Ever since he was a Freshman he has always had a place on the basketball and the track teams of the "Tech," and we might say that he takes up some space at that, both literally and athletically. If Joe had only learned to play baseball he would have made a clean sweep and placed himself on the same level with Katzinger, who has a corner on "A's." Joe's events are the hundred, two-twenty low hurdles and pole vault. He also broad-jumps a little when needed, and would probably enter the distance events if Coach Schommer would allow him to do so. It is with the utmost regret that we see "Sully" leaving us this year, as his place will be hard to fill, not only as an athlete, but as a booster and an all-around good fellow.

TRINKHAUS: It is to be regretted by every Armour fan that this article marks the passing of George Trinkhaus, the "Tech" star pole vaulter for the past three years. "Trink" graduated last year, and thus Armour lost one of the most popular little men that ever wore her colors. For he was an all-round athlete, a great humorist and a prince of good fellows. As a pole vaulter, George was a sure point winner, inasmuch as he consistently negotiated the bar at eleven feet. It was during his Sophomore year that he won his first "A" in track, and each year since he has repeated, showing improvement with each season. We are sorry to lose this popular little star, as his place will be hard to fill, but now that he has his degree, his host of friends at the "Tech" wish him the same success that he enjoyed while in school.

KATZINGER: This is Katzinger. He needs no introduction, as anyone who knows anything about athletics at Armour, has heard of him many times before. Therefore, this article is not offered as an introductory, but as a resume of his feats, and as an appreciation of what he has done for our old "Tech."

Katzinger has been the captain of every athletic team at Armour, and an individual star in each sport. Through illness this winter, he was kept off the basketball team, or he would have a perfect record; that is, he would have won twelve "A's," which has been accomplished by only one man so far. This is Katz's last year, and his loss will be a great blow to all of our athletic teams.

As a man and an all-around good fellow, Katzinger enjoys the distinction the same as he does in athletics, and the good will of his host of friends goes with him when it becomes time to lay aside the spangles and tackle the real events of life.

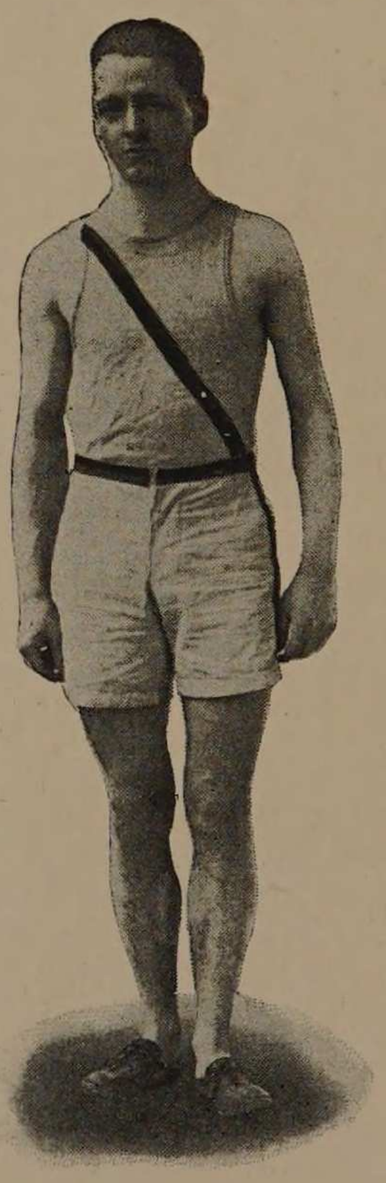
MOUAT: Once more this diminutive star bobs up in the limelight. One would think that an "A" in basketball and one in baseball in one year would be sufficient for a man of his size, but not so for "Shorty." No team at Armour is complete without him. He is the star distance runner, and the way he cops the honors is getting monotonous to our rivals in track meets. His endurance is a little short of marvelous, as he is always ready for the mile right after finishing the two mile run. In losing Mouat this year, the "Tech" will suffer the loss of one of her greatest athletes, and we can safely venture the prediction that never in her history will Armour ever have such a valuable man in so small a package. One thing is certain, if Mouat trys to carry around his athletic trophies after he leaves school he will surely wear himself out in a short time. We might add that he, representing the Armour Mission, won the A.A.F. wrestling championship in 115.

TIERNEY: This Tierney is another man whose fame has spread far and wide. As a sprinter, his reputation has grown to great proportions; and it promises to increase in the future to even greater bounds. "Jack" has never been defeated in a conference meet since he came to Armour, except on one occasion, when he was disqualified on a technicality. As a testimony of his ability we need only to say that he has been chosen to represent the Illinois Athletic Club, which has the very best of athletes in the Central and Western states. Our speedster recently equaled the record for the 40 yard dash in the A.A.U., and holds marks of 10 and 23 flat for the hundred and two-twenty yard dashes respectively. Tierney will be with us the next two years, and we expect greater things of him before he leaves Armour.

SANDROFF: One of our biggest point winners last year was Sandroff, of the Freshman class. "Sandy" came to us from Lane Tech, where he had made such enviable records in both basketball and track. Being our heaviest athlete, we naturally expect him to be a weight man. However, he does not confine himself to weight events altogether, as he is one of our best high jumpers. In the dual meets with Northwestern College, he was the individual star, scoring twenty-eight points in the two meets. As Sandroff is only in his second year at school, he still has three years, during which time he should prove a tower of strength to the "Tech," and also win many honors for himself.

WILLIAMS: In Williams we present our star 440 man. Ever since he entered Armour he has been taking care of that particular event, which everybody knows is the hardest one in the whole list. Last year Williams had his most successful season, winning his event in both of the meets against Northwestern College. He was unable to compete in the Little Five Conference Meet, but it is safe to say that he would have placed among the first three. Williams will be with us again next year, and we are predicting great things for him if he keeps on developing as he has in the last two years.

SCHREIBER: After a hard year at training during his Freshman year, Schreiber came through and won his "A" in his second year with the squad. His main feat is in the high hurdles, where his development has been little short of marvelous, as he never had attempted the high barriers before coming to Armour. Persistent work won for Schreiber, and now that he has taken to high jumping also, it is safe to say that he will prove a point winner if he works hard and improves as fast as he did in the hurdles. Schreiber first came into prominence during the dual meets with Northwestern College, when he showed his heels to them all, and won his event in nearly record time. In the two years that he has left, we expect to hear a lot more of him, both in the high hurdles and in the high jump.



EVANS: Stanley "Shorty" Evans is the name of this youngster, who, during his first year at the "Tech" showed us all how the mile and the half-mile should be run. "Shorty" first attracted attention during the inter-class track meet of his Freshman year, when he romped away with the mile and the half-mile in good fashion. Under the hand of Coach Schommer, Evans has shown marked improvements, until now he has the record of 4:46 for the mile. In the conference meet at Northwestern Field, we were sure that "Shorty" would land first in his event, but he had the misfortune to turn his ankle on a large stone near the finish of the race, and at a time when he looked a sure winner. He is not to be denied this year however, and if fate is not against him again, "Shorty" will likely demonstrate the mile to the other milers of the "Little Five."

SPORTS

Track

ARMOUR VS. NORTHWESTERN COLLEGE AT NAPERVILLE

The first dual meet of the season was held at Naperville, against Northwestern College, which resulted in a brilliant victory for the "Tech." The final score was 77 to 37, with Armour on the long end. As usual "Jack" Tierney showed his heels to his opponents in the sprints, while Katzinger, Sandroff, Evans, Schreiber, Sullivan, Mouat and Trinkhaus helped to swim Armour's total. Score:

100 Yard Dash—Tierney, 1st, A; Zemmer, 2nd, N. C.; Sullivan, 3rd, A; Time 10 1/5 sec.

One Mile Run—Evans, 1st, A.; Zemmer, 2nd, A.; Mouat, 3rd, A. Time 5 min. 4/5 sec.

220 Yard Dash—Tierney, 1st, A.; Zemmer, 2nd, N. C.; Hupp, 3rd, A.; Time, 25 sec.

120 Yard High Hurdles—Schreiber, 1st, A.; Schmidt, 2nd, N. C.; Kingsley, 3rd, A.; Time 18 sec.

440 Yard Run—Williams, 1st, A.; Zemmer, 2nd, N. C.; Gemmertz, 3rd, N. C.; Time 58 2/5 sec.

Two Mile Run—Mouat, 1st, A.; Mast, 2nd, N. C.; Time 11 min. 45 sec.

120 Yard Low Hurdles—Sullivan, 1st, A.; Gemmertzfelder, 2nd, N. C.; Kingsley, 3rd, A.; Time ————.

880 Yard Run—Evans, 1st, A.; Gemmertzfelder, 2nd, N. C.; Nichol, 3rd, N. C.; Time ————

Pole Vault—Spittler, 1st, N. C.; Morse and Trinkhaus tied for 2nd, 3rd; Height, 10 feet 3 inches.

Shot Put, 16 lb.—Sandroff, 1st, A.; Nichol, 2nd, N. C.; Bready, 3rd, A.; Distance, 33 feet 8 inches.

High Jump—Sandroff and Schreiber of A, and Sprittler, of N. C., tied for first place. Height, 5 feet 4 inches.

Discus— Sandroff, 1st, A.; Smith, 2nd, N. C.; Bready, 3rd, A. Distance, 101 feet 10 inches.

Hammer Throw—Brunner, 1st, N. C.; McFarlane, 2nd, N. C.; Schmalz, 3rd, N. C. Distance, 108 feet.

Running Broad Jump—Spittler, 1st, N. C.; Schreiber, 2nd, A.; Sullivan, 3rd, A. Distance, 20 feet 4 inches.

SPORTS

ARMOUR VS. NORTHWESTERN AT OGDEN FIELD

Although having been defeated decisively on their own field by the "Tech," Northwestern College summoned up their courage and invaded Ogden Field with a large squad of athletes, in an endeavor to win back the lost honors. The Tech, however, was not to be denied, and sent the collegians back, smarting under a defeat that was more one-sided than the previous meet. Armour won eleven firsts out of a possible fourteen, and scored slams in the shotput, discus, and the running broad jump. Sandroff scored twelve points and Tierney ten for Armour, while Evans, Mouat, Schreiber, Sullivan, Maguire, Katzinger, and Trinkhaus each landed a first in their events. The score:

100 Yard Dash—Tierney, 1st, A.; Zemmer, 2nd, N. C.; Sullivan, 3rd, A.

1 Mile Run—Evans, 1st, A.; Stevers, 2nd, A.; Mouat, 3rd, A.

220 Yard Dash—Tierney, 1st, A.; Zemmer, 2nd, N. C.; Alter, 3rd, A.

120 Yard High Hurdles—Schrieber, 1st, A.; King, 2nd, A.; Kingsley, 3rd, A.

440 Yard Run—Williams, 1st, A.; Zemmer, 2nd, N. C.; Cole, 3rd, A.

2 Mile Run—Mouat, 1st, A.; Mast, 2nd, N. C.; Stevers, 3rd, A.

220 Yard Low Hurdles—Sullivan, 1st, A.; Kingsley, 2nd, A.

880 Yard Run—Evans, 1st, A.; Williams, 2nd, A.

Pole Vault—Trinkhaus, 1st, A.; Morse and Spottler of N. C., tied for 2nd and 3rd.

Shot Put, 16 lbs.—Sandroff, 1st A.; Katzinger, 2nd, A.; Bready, 3rd, A.

High Jump—Sandroff, 1st, A.; Schrieber of A, Siech and Gemmertzfelder of N. C., tied for 2nd and 3rd.

Discus—Maguire, 1st, A.; Katzinger, 2nd, A.; Sandroff, 3rd, A.

Hammer Throw—Brunner, 1st, N. C.; McFarlane, 2nd, N. C.; Schuslz, 3rd, N. C.

Running Broad Jump—Katzinger, 1st, A.; Schrieber and Sandroff of A, tied for 2nd and 3rd place.

SPORTS

LITTLE FIVE CONFERENCE MEET

Armour entertained the Little Five Conference in its fifth annual Outdoor Meet, at Northwestern Field. As host, the "Tech" had little time to devote to the winnng of points, and as a result, finished at the bottom of the list. Monmouth, with its well-balanced team, carried off the honors with a total of 37 points. Knox was second, with 28, while Lake Forest and Beloit tied for third place, with a total of 23½ each. Armour's poor showing was due to hard luck or stage fright, as some of her sure point winners could not come up to their former marks. "Shorty" Evans, counted as a sure point winner in the mile, turned his ankle near the finish and was forced out of the race. For the first time since coming to Armour, Tierney was beaten in the 100 yard dash, and in the broad jump and the weights, Katzinger was way off form. The meet was held at a time when the "Tech" athletes were in the midst of final examinations, and this may have had something to do with their poor showing.

The individual star in the meet was Ghormley, of Monmouth, with 10 pionts to his credit, while our own Jack Tierney tied with Kelly, of Monmouth, and Berry, of Lake Forest, for second honors, with 8 points each. Scores:

SCORES

Mile Run—Garrity, Beloit, 1st; Johnson, Lake Forest, 2nd; Temple, Knox, 3rd. Time 4:45⅗.

440 Yard Run—Stoddard, Knox, 1st; Rhind, Lake Forest, 2nd; Williams, Armour, 3rd. Time 0:53⅘.

100 Yard Dash—Kelly, Monmouth, 1st; Tierney, Armour, 2nd; Johnson, Beloit, 3rd. Time 0.10.

120 Yard High Hurdles—Ghormley, Monmouth, 1st; Johnson, Knox, 2nd; Aldrich, Beloit, 3rd. Time 0:16⅘.

880 Yard Run—Gabby, Monmouth, 1st; Stoddard, Knox, 2nd; Maplesden, Lake Forest, 3rd. Time 2:02⅖.

Discus Throw—Edler, Beloit, 1st; Sandroff, Armour, 2nd; Stuessy, Beloit, 3rd. Distance, 109 feet 3 inches.

220 Yard Dash—Tierney, Armour, 1st.; Kelley, Monmouth, 2nd; Burke, Beloit, 3rd. Time 0:23 flat.

Pole Vault—Crane, Knox, 1st; Richmond, Beloit, 2nd; Wilcox, Beloit and Derr, Lake Forest, tied for 3rd. Height, 10 feet 9 inches.

Running High Jump—Crane and Averhoff, Knox, tied for 1st; Richmond, Beloit, 3rd. Height 5 feet 2 inches.

Two Mile Run—Jansen, Lake Forest, 1st; Hellberg, Lake Forest, 2nd; Newcomb, Monmouth, 3rd. Time 10:28.

Shot Put—Stewart, Monmouth, 1st; Berry, Lake Forest, 2nd; Sandroff, Armour, 3rd. Distance, 38 feet 4½ inches.

220 Yard Hurdles—Ghormley, Monmouth, 1st; Dennison, Monmouth, 2nd; Aldrich, Beloit, 3rd. Time, 26⅕.

Hammer Throw—Berry, Lake Forest, 1st; Gridley, Knox, 2nd; Stuessey, Beloit, 3rd. Distance, 127 feet 9 inches.

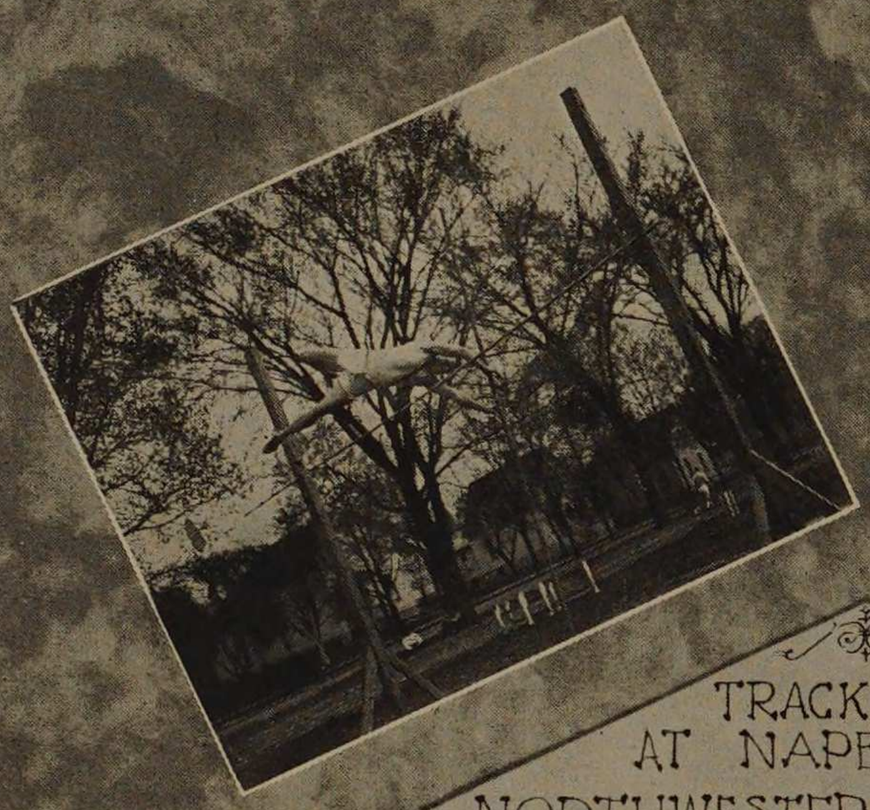
Running Broad Jump—Turnbull, Monmouth, 1st; Burke, Beloit, 2nd; Katzinger, Armour, 3rd. Distance, 20 feet 1 inch.

Relay Race (one mile)—Monmouth, Douglass, McCutcheon, Hill, Gabby, 1st. Time 3:43⅘.

H. Mouat J. Tierney A. Katzinger J. J. Schommer, *Coach*
G. Trinkhaus J. Sullivan, *Capt.* S. Evans S. Williams

Tierney, of Armour, Winning 220 Dash at the Little Five Conference Track Meet.
Kelley, of Monmouth, Second.

SPORTS



TRACK MEET
AT NAPERVILLE
NORTHWESTERN COLLEGE
VS
ARMOUR
ARMOUR- 77 NORTHWESTERN-37

MINOR SPORTS

-MELLOR-

SPORTS

INTER-CLASS BASEBALL

The Junior Class romped away with the inter-class baseball series, thus duplicating their feat of the fall of 1913, when as Freshies they forced the upper classes to bow to their superiority. The Freshmen made a poor showng, mainly through not having organized, thus making the prospects for any new men from the class of '19 for the "Tech" team look rather poor. However, some of the best ball players of the Freshman class did not take part in the series, so there are still hopes that Coach Schommer will be able to draw a couple of men from this source to fill vacancies made in the outfield by graduation last June.

The first game played was between the Juniors and Freshmen, resulting in a walkaway for the Juniors. The Freshmen had failed to fully organize their team, and consequently offered little oppositon to the seasoned Juniors. The final score was 21 to 3, which indicates the relative strength of the two teams. Conway and Paskill were the battery for the victorious Juniors. "Connie" not only pitched a steady game but also broke into the box score by clouting two home runs. The Juniors hit and scored at will, every man getting one or more safe hits, many being for extra bases.

SENIORS vs. SOPHS.

The second game of the series was a battle royal between the Seniors, class champions of 1914, and the Sophomores. The two teams battled on even terms until darkness put a stop to the game at the end of the seventh inning, the score being six all. Katzinger was on the mound for the Seniors, while southpaw Hullinger twirled for the Sophs. Each gave a good account of himself, although both were aided in the pinches by some sparkling work on the part of the infield. "Hully's" tantalizing slow ball had some of the heavy hittng Seniors standing on their heads trying to connect with it. Here's hoping that he can show the same form next spring, for a southpaw would look mighty good along with our three right handers.

The score.

Innings	*1*	*2*	*3*	*4*	*5*	*6*	*7*	*Total*
Seniors	1	0	1	2	1	0	1	6
Sophs	0	2	0	3	0	0	1	6

Batteries: Seniors—Katzinger and Mouat.
Sophs—Hullinger and Greenspahm.
Umpire: Paskill.

SENIORS vs. SOPHS. (second game)

When the Seniors and the Sophs met to play off the tie game, the upper class took the Sophs into camp to the tune of 6 to 3. The Soph pitchers were wild, whereas "Katz," for the Seniors improved as the game progressed. The Sophs had several good chances to forge ahead, but bonehead base running killed their chances. "Claudius" Hill, the Tech catcher, played third base for the Seniors and cavorted around the hat corner in grand style, snatching at everything that came his way. He also featured in a close play at the plate, barely being caught when he attempted to score from third base on a combination infield hit and overthrow to first.

The score:

Innings	*1*	*2*	*3*	*4*	*5*	*6*	*7*	*Total*
Seniors	3	0	1	0	1	0	1	6
Sophs	1	0	0	0	1	0	1	3

Batteries: Seniors—Katzinger and Mouat.
Sophs—Hullinger, Weiss, Shotwell, and Evans.
Umpire: Paskill.

SPORTS

JUNIORS vs. SENIORS

The game for the class championship was played between the Juniors and the Seniors, and proved the most exciting of the series. The Seniors scored a run right off the reel in the first inning on a hit by McHugh, an error, and two infield outs. The Juniors came back in their half of the inning and went the Seniors three better, making four runs before the inning ended. Paskill led off with a walk, stole a base, and scored on Bruce's hit. Hall hit safely, but Conway and Huber struck out. King then scored Bruce and Hall with a two bagger, and then scored himself a minute later on a wild pitch. The Seniors scored two more runs in the second inning on hits by Goppelsroeder, Hill and Katzinger, but after that Conway settled down and held them safe all the way, with the exception of the sixth inning, when he allowed two hits and one run. The Juniors kept right on getting hits and runs until they had run their total up to nine runs. They hit safely in every inning, and scored in every inning except the sixth. King and Hall led with three safties a piece, while Bruce, Conway, and Paskill made two each. Hill, Katzinger, and McHugh featured with the sticks for the Seniors, Hill using his to save his head on one of Conway's quick returns. Claude also played his same old steady game at third base, being a veritable wall of defense. The hard-hitting Juniors tried in vain to drive hot ones through him, but each time the ball bounded off his chest the same as it would had it been a stone wall. The Seniors threatened to score in the last inning, when, with the aid of darkness, they filled the bases after two were gone, but Huber came to the rescue and pinched a line drive that ended the series.

The score:

JUNIORS	R.	H.	E.
Paskill, c.	2	2	0
Bruce, 1b.	2	2	2
Hall, ss.	1	3	0
Conway, p.	0	1	0
Huber, 2b.	0	0	1
King, 3b.	3	3	0
Andre, l.f.	0	1	0
Maguire, c.f.	0	1	0
Evans, r.f.	0	1	0
Cloidt, r.f.	0	0	0
Schreiber, c.f.	1	1	0
Mattern, c.f.	0	0	0
Total	9	15	3

SENIORS	R.	H.	E.
McHugh	1	2	0
Mouat	0	0	2
Alender	0	0	0
Broman	1	1	0
Wolfson	0	1	0
Wilcox	0	0	0
Goppelsroeder	1	1	0
Hill	1	0	1
Katzinger	0	1	1
Total	4	6	4

SPORTS

INTER-CLASS BASKETBALL

Coach Schommer instituted a new scheme this year in the inter-class basketball series. Instead of playing only three games, as was the custom heretofore, a regular schedule of eighteen games was played, each class playing three games with each of the other classes. At the end of the series the team with highest percentage of wins was declared the champion. In this way Coach Schommer was able to get a line on all of his men, especially the Freshmen.

The Seniors won the championship, repeating their performances of the last two years—losing only one game. Their only defeat came at the hands of the Juniors, a team that failed to get along until late in the series. The pace the Juniors were traveling at the finish would no doubt have landed them the pennant, but losing their first four games, they were practically eliminated.

The series started November 2nd, and lasted three weeks, six games being played each week. The following is the schedule and results of the games.

Date	*Teams*	*Score*
November 2	Fresh. vs. Juniors	11 to 8
	Seniors vs. Sophs	18 to 12
November 3	Seniors vs. Fresh	18 to 9
	Sophs. vs. Juniors	16 to 11
November 5	Sophs. vs. Fresh	20 to 12
	Seniors vs. Juniors	21 to 5
November 9	Juniors vs. Fresh	18 to 12
	Seniors vs. Sophs	17 to 7
November 10	Seniors vs. Fresh	29 to 21
	Sophs vs. Juniors	14 to 12
November 12	Sophs. vs. Fresh	12 to 6
	Juniors vs. Seniors	21 to 9

INTER-CLASS TRACK MEET

The annual fall Inter-class Track Meet was one of the most successful held in years, as a lot of spirit was shown, and the competition was keen in every event. The Senior and Juniors fought nip and tuck until near the end, when the former came through very strongly in the field events and nosed out the lower classmen.

One of the main objects of this event is to enable the coach to get a line on the new material that has just entered school, thereby saving much time in the spring. Among the new prospects that made good showings are Mendius in the high hurdles, Chase in the dashes, Sullivan in the high jump, and Botts in the broad jump and weights. It is hoped that more will show up during the spring tryouts, for we need every available man if we expect to make a good showing in the conference this year.

The score:

Seniors	45
Juniors	31½
Sophomores	16½
Freshmen	24

SPORTS

ARMOUR HOLDS CONFERENCE

For the first time in its history, Armour entered the Little Five Conference Tennis Tournament at the Northwestern University tennis courts. Teams from Lake Forest, Knox, Beloit and Armour competed for the medals. For the third time in as many years, Lake Forest carried off the honors in both the singles and the doubles. Thayer in the singles, and Karaker and Thayer in the doubles, winning the titles.

Armour passed up a grand opportunity of winning the singles, when Anthony was forced to forfeit his match in the semi-finals to Thayer due to the fact that he was unfortunately delayed. Porges lost a heartbreaking match in the second round to Thayer, all sets being hotly contested.

Captain Abrams and Anthony, playing doubles, lost their chance for the title when they were defeated by the champions in one of the closest matches of the tournament. Abrams was forced to play his single match immediately after completing the doubles, and, although tired out from his efforts in the doubles, he gave Karaker, the "runner-up" in the singles, a close match. Wilcox and Porges, also playing doubles, lost their match in the second round.

Beloit and Knox were clearly outclassed and lost their matches in the first and second rounds.

With Captain Abrams, Porges, Anthony and Wilcox still in school, we can look forward to a very successful year in tennis.

ANTHONY WINS INSTITUTE TENNIS TOURNAMENT

With an entry list of thirty-two men, Armour held its semi-annual tennis tournament, bringing a new winner in Ray Anthony. His honors were very closely contested by Abrams, Joslyn, King and Mouat. Mouat was the dark horse of the tournament, winning all of his matches up to the semi-final round. In this round he was defeated by Abrams, the score being 6-2 and 7-5.

The opening rounds resulted in a number of surprises. Wilcox's defeat by Joslyn in the first round and the defeat of Porges by Kupschas in the second round, were the most marked upsets. Up to the time of his defeat, Porges was expected to be one of the strongest competitors for the championship.

Anthony waded through the first rounds in grand shape, winning most of his sets. In the finals he defeated Abrams in one of the most exciting matches of the tourney, the scores being 6-4 and 7-5. The match was a see-saw affair from start to finish, neither man being able to gain a distinct advantage.

King's playing throughout the tournament was of mediocre brilliance, and the loss of his match to Anthony was disheartening. After gaining a very comfortable lead and being within one point of winning the match, Anthony, by bringing forth all of his reserve, managed to win the contest.

Anthony, the winner, and Abrams, the "runner-up," were each presented with a loving cup.

GOLF

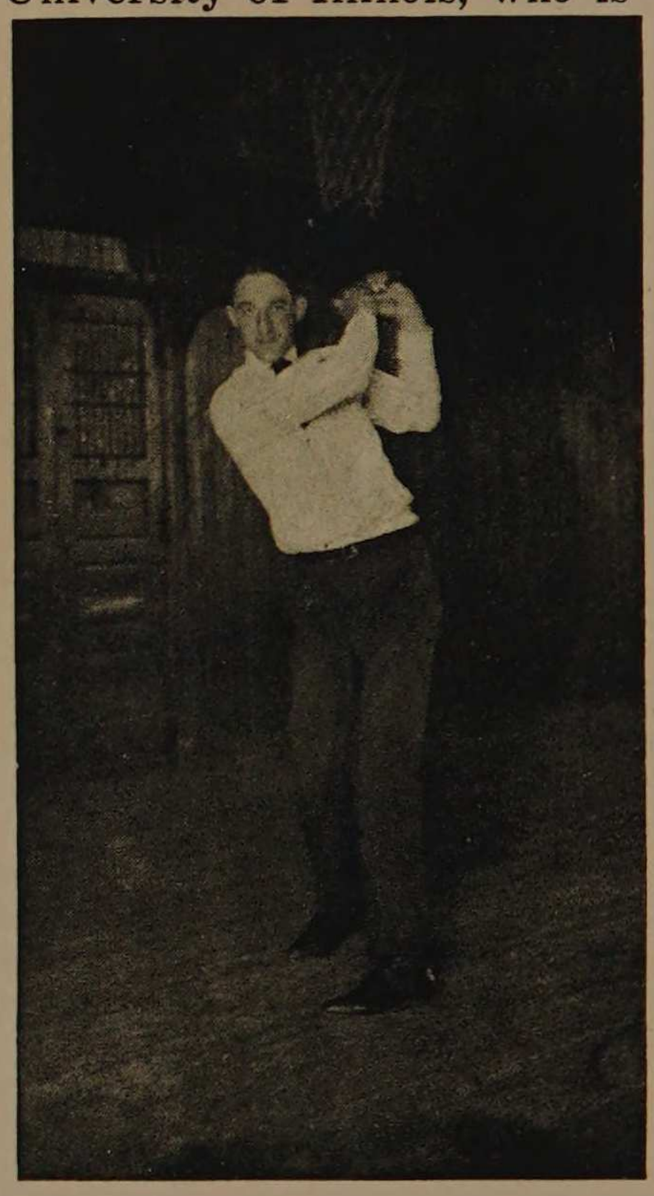
It is well known that golf is becoming the international pastime of the athletic world, thereby taking the place of baseball, etc. At Armour, our golf has improved wonderfully in the past year. Now it is not simply the one tournament a year club as it has been for several years, but we not only hold two school tournaments, fall and spring, as our fellows enter other tournaments outside of school.

At the start of the year, Howard (Shorty) Maguire entered the City Indoor Golf Championship at Rothchilds. He not only surprised himself, but many others, by defeating "Chick" Evans, the Western Amateur Champion, and several other well-known golfers. By winning the championship, he gained the full possession of a beautiful silver cup.

Then came the school spring tournament at Jackson Park. This narrowed down to the meeting of Shorty and Maurice Wilcox, after they had slapped defeats on a few of their well-known professors. This match of Maguire and Wilcox was very close; and, with one hole to play, Wilcox was dormie; but Maguire came back to life for a short spasm, and holed out for a 3 on the par 4 eighteenth. This left the match all square and on the extra hole, Wilcox playing par golf, won the hole, match, and championship.

In the summer month Maguire, while working nights, was able to enter a few tournaments in the daytime, being "runner-up" in the Cook County Open Championship; and semi-finalist in the Cook County Amateur Championship, in which tournament he tied the amateur record for the Garfield Park nine-hole course, playing two strokes under par.

At the start of the school year, the Western Intercollegiate Championship was held at the Ravisloe Country Club, Homewood, Ill. This tournament consisted of a team match of five men and an individual championship. Maguire and Wilcox, representing Armour, qualified in the first and second flights respectively, in the qualifying round of eighteen holes. Their life was short and sweet, as they lost their first matches, due to stiff competition, Maguire having to play John Simpson, University of Illinois, who is Central Illinois and Indiana State Champion. He held Simpson for sixteen holes, but the latter holed a couple of long 20 foot puts and the stuff was off for Shorty Maguire, 2 up. Simpson won the championship the next day when he defeated Charles Grimes, University of Chicago, 2 and 1.



Then came the school fall tournament, and Wilcox and Maguire had to make a handicap tournament for reasons they know not. They played at scratch, some being given as much as fifteen strokes. Maguire and Wilcox met in the first round. As this was their fourth meeting in school tournaments and the latter had won once to the former's twice, Maguire was out for blood to even up these old scores. He surely appeared to do this, as he started to play real golf, and in the last six holes in the match, he was two strokes under par. There was no chance for Wilcox, or any one else there, and he lost the match 5 and 4. In the finals Maguire had to give Prof. Leigh some fine strokes, as throughout the match the former was behind, due to a couple of handicap strokes; but Prof. Leigh pulled a John Anderson on the sixteenth green when he picked up his ball to clean the mud off of it. By so doing he lost the hole, and the match became square with two holes to play. Maguire won the seventeenth, and was dormie one. Then he must have thought that he was still taking calculus from his opponent for he drove into

the pit and lost the hole, thereby squaring the match. In the handicap play, the complete round had to be repeated; and this they did. Leigh at the start was beating Mac., playing him even without his handicap strokes, and so at the turn, Maguire was two down. Shorty then got a little speed and came back in 36, equaling par for nine holes, and winning the match. The scores were: Maguire 38-36, or 74; Leigh 41-41, or 81, both scores being considered very good.

This past fall a team match was arranged between Armour and Northwestern University, each team having four players. The match was played at the Westmoreland Country Club on a day when the temperature was below freezing, and the fellows played with many sweaters and coats. The scores of both teams were poor, but nevertheless, Northwestern won, 8-4.

ARMOUR	*Pts.*	NORTHWESTERN	*Pts.*
Maguire	2	Moulding, *Capt.*	1
Wilcox	1	Stiles	2
King	1	Cook	2
Schrupp	0	Grant	3
Totals	4		8

This spring a return match will be played with Northwestern, and we hope that the verdict will be reversed. The Western Inter-collegiate Championship will be played at the Ravisloe, about the 15th of June, and then we hope that Maguire and Wilcox will clean up this time.

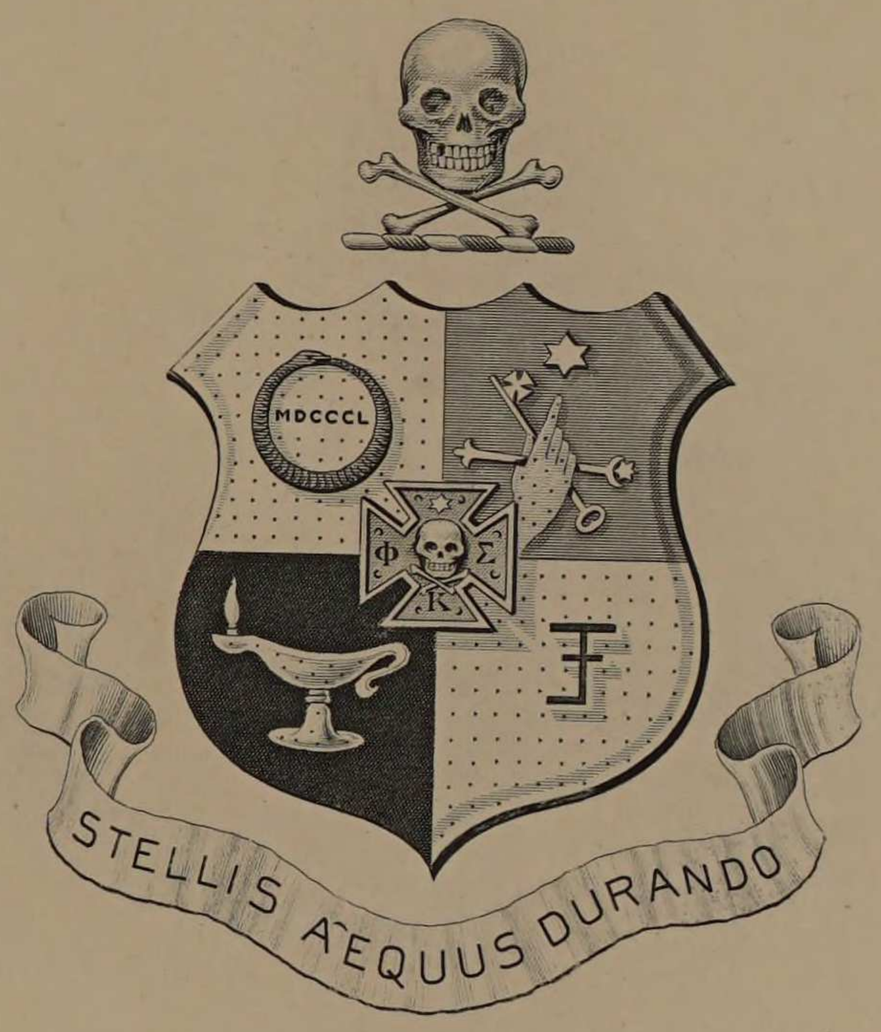
INDOOR BASEBALL

You have certainly got to hand it to those Juniors when it comes to playing baseball. Not being content with winning the outdoor championship, they came right back and made a clean sweep of the indoor series. The runners up were the Sophomores, a team that had been playing together all winter, and succeeded in establishing a fine record among the park teams throughout the City. The Sophs had to bow to the Juniors, however, in the deciding game of the series, when the upper class administered a 2 to 0 defeat to them, in one of the best played games ever seen in our gym. Mathews, the Sophomore's star twirler pitched a good game, but his mates couldn't produce any runs off of the fielding of the Juniors and the pitching of Schreiner. The Juniors succeeded in getting two runs across on some timely hitting and clever base running, which proved enough to bring them the game and the championship.

INTER-FRATERNITY ATHLETICS

During the spring of the last year, the fraternities got together and decided to organize a system of inter-fraternity athletics. Baseball and track were the only two branches of athletics in which the frats competed last year, but it is to be hoped that the schedule will broaden out into the other branches of sport, as it is a medium that draws more men into athletics than would otherwise compete. Two handsome cups were donated by the fraternities, one for the champion baseball team and the other for the champion relay team. A great deal of spirit was shown by all, and a regular schedule of baseball was played. Each fraternity was represented by a relay team, the race being run on Circus Day. Omega Lambda won the cup for both baseball and the relay.

Fraternities



Dreka, Phila.
Design Patent applied for

Phi Kappa Sigma

CHAPTER ROLL

FOUNDED AT THE UNIVERSITY OF PENNSYLVANIA, 1850

Alpha 1850	UNIVERSITY OF PENNSYLVANIA
Delta 1854	WASHINGTON AND JEFFERSON
Epsilon 1854	DICKINSON COLLEGE
Zeta 1854	UNIVERSITY OF VIRGINIA
Iota 1855	COLUMBIA UNIVERSITY
Mu 1858	TULANE UNIVERSITY
Rho 1872	UNIVERSITY OF ILLINOIS
Tau 1872	RANDOLPH-MACON COLLEGE
Upsilon 1872	NORTHWESTERN UNIVERSITY
Phi 1873	RICHMOND COLLEGE
Psi 1890	PENNSYLVANIA STATE COLLEGE
Alpha Alpha 1894	WASHINGTON AND LEE UNIVERSITY
Alpha Gamma 1896	UNIVERSITY OF WEST VIRGINIA
Alpha Delta 1898	UNIVERSITY OF MAINE
Alpha Epsilon 1898	ARMOUR INSTITUTE OF TECHNOLOGY
Alpha Zeta 1899	UNIVERSITY OF MARYLAND
Alpha Theta 1901	UNIVERSITY OF WISCONSIN
Alpha Iota 1902	VANDERBILT UNIVERSITY
Alpha Kappa 1903	UNIVERSITY OF ALABAMA
Alpha Lambda 1903	UNIVERSITY OF CALIFORNIA
Alpha Mu 1903	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Alpha Nu 1904	GEORGIA SCHOOL OF TECHNOLOGY
Alpha Xi 1905	PURDUE UNIVERSITY
Alpha Omicron 1905	UNIVERSITY OF CHICAGO
Alpha Pi 1906	CORNELL UNIVERSITY
Alpha Rho 1911	CORNELL UNIVERSITY
Alpha Sigma	UNIVERSITY OF MINNESOTA
Alpha Tau	LELAND STANFORD, JR. UNIVERSITY

FRATERNITIES

Phi Kappi Sigma

ALPHA EPSILON CHAPTER

Chartered June 8th, 1898

Faculty

JOHN J. SCHOMMER, Chicago, '10

1916

CHARLES LAWRENCE BOLTE
RICHARD FULLER DURANT
EMERSON REXFORD EAMES
CLAUDE HILL
HENRY ARNOLD ROOK
HAROLD EDMUND ANNING

1917

JEAN PIERRE BECHAUD
GEORGE T. BURNS
MALVERNE CLARKE COLE
LESLIE EDWARD HAYES
LEONARD A. FOSCHINBAUR
THEODORE GUSTAVE SCHULZE
EARL H. SMITH
LEONARD ELGAR STARKEL

1918

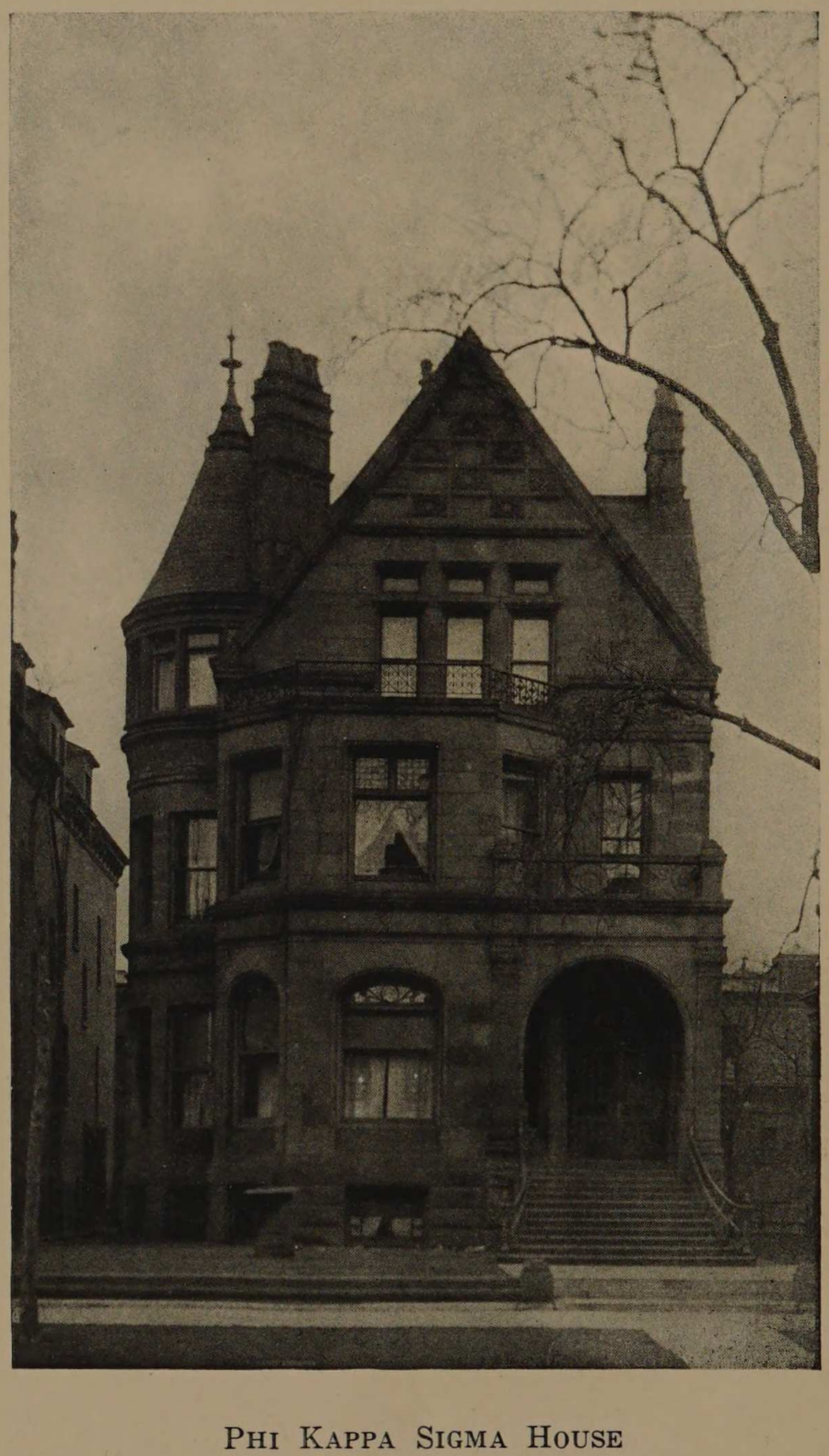
F. MACKENZIE DAVISON
LEROY W. ESTELL
JOHN RALPH LEWIS
PAUL W. SCATES
HAROLD DEFOREST STEVERS

1919

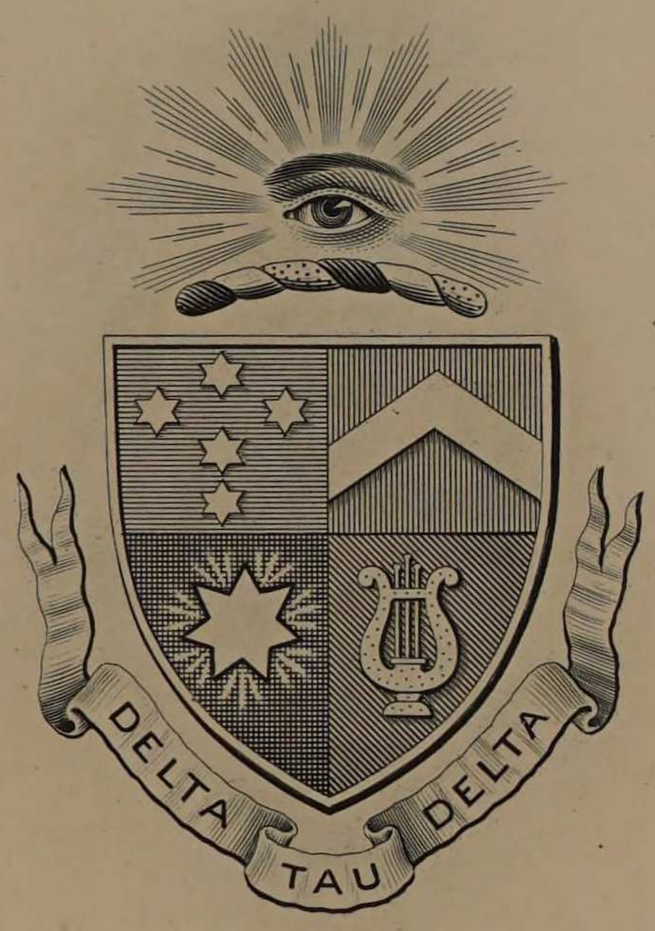
RAYMOND WINFIELD BOOS
MYRON J. EDGEWORTH
ROBERT GUTHRIE
WILLIAM HANSON HARRISON
IRL CARLETON MARTIN
THOMAS EDWIN PRATT, JR.
ROY P. SMITH
ROGER SCRANTON STOCKDALE

Top Row: Rook, Anning, Cole, Hayes, Foschinbaur, Starkel, Burns.
Middle Row: Bechaud, Hill, Bolte, Durant, Smith, Estell.
Bottom Row: Scates, Stevers, Davison, Schulze, Lewis.

FRATERNITIES



PHI KAPPA SIGMA HOUSE



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Frank F. Rogers
1908

Dreka, Phila.

Delta Tau Delta

FOUNDED AT BETHANY COLLEGE IN 1859

CHAPTERS

SOUTHERN DIVISION

Vanderbilt University
Washington and Lee University
University of Georgia
Emory College
University of the South
University of Virginia
Tulane University
George Washington University
University of Texas

WESTERN DIVISION

University of Iowa
University of Wisconsin
University of Minnesota
University of Colorado
Northwestern University
Leland Standford, Jr. University
University of Nebraska
University of Illinois
University of California
University of Chicago
Armour Institute of Technology
Baker University
University of Missouri
University of Washington
Iowa State College
University of Oregon
University of Kansas

NORTHERN DIVISION

Ohio University
University of Michigan
Albion College
Western Reserve University
Hillsdale College
Ohio Wesleyan University
Kenyon College
Indiana University
De Pauw University
Butler College
Ohio State University
Wabash College
West Virginia University
Purdue University
University of Cincinnati

EASTERN DIVISION

Allegheny College
Washington and Jefferson College
Lafayette College
Stevens Institute of Technology
Penn State College
Rensselaer Polytechnic Institute
University of Pennsylvania
Lehigh University
Tufts College
Massachusetts Institute of Technology
Cornell University
Brown University
Dartmouth College
Columbia University
University of Maine
Brown University
Syracuse University
University of Pittsburgh

FRATERNITIES

Delta Tau Delta

GAMMA BETA CHAPTER

Chartered May 10th, 1901

SENIORS

HENRY BLAND
CLARENCE WINFIELD FARRIER
JOHN REAMES LE VALLY
ESTES WILSON MANN
ARCHIE THOMAS NEWSOM
JOSEPH EDWARD SULLIVAN
HOWARD E. WALLBRECHT
HOWARD WALLACE VADER

JUNIORS

GEORGE WALTER CLOIDT
HAROLD WARREN HANCHETTE
PHILLIP RODNEY HOCKENBERGER
HOWARD L. WALLBRECHT
HOWARD BRUCE MAGUIRE
LLOYD ELDON MELLOR
RALPH LINCOLN MORSE
GEORGE RICE
CARROLL HARRY ROBERTS

SOPHOMORES

WILLIAM HOWARD BRETTING
RALPH FOWLER KOCH
EVERETT FRANCIS QUINN
OLIVER GEORGE SCHRUP
WILLIAM JAMES WIGNALL

FRESHMEN

JOHN EDWARD ALEXANDER
GILBERT VENABLE BRADBURY
JASPER JOSEPH FFRENCH
NORMAN LEE HUFFAKER
WALTER ELWOOD MEAD
GRAFTON LEON PARKER
ROBERT THOMAS PETERS
THOMAS JAMES ROWE
ANDREW PAUL SULLIVAN
JOHN BORDEN WILBOR
LOUIS HUYLER YOEMANS

Top Row: Roberts, Bretting, Mellor, Maguire, Wignall, Alexander.
Second Row: LeVally, Newsom, Mann, Wallbrecht, Bland, J. Sullivan, Cloidt.
Third Row: Vader, Farrier, Hanchette, Hockenberger, Peters, Bradbury.
Fourth Row: Yoemans, Ingraham, Shrup, Wilbur, Koch, Quinn, A. Sullivan.
Bottom Row: Rice, Ffrench, Parker, Rowe, Morse, Mead.

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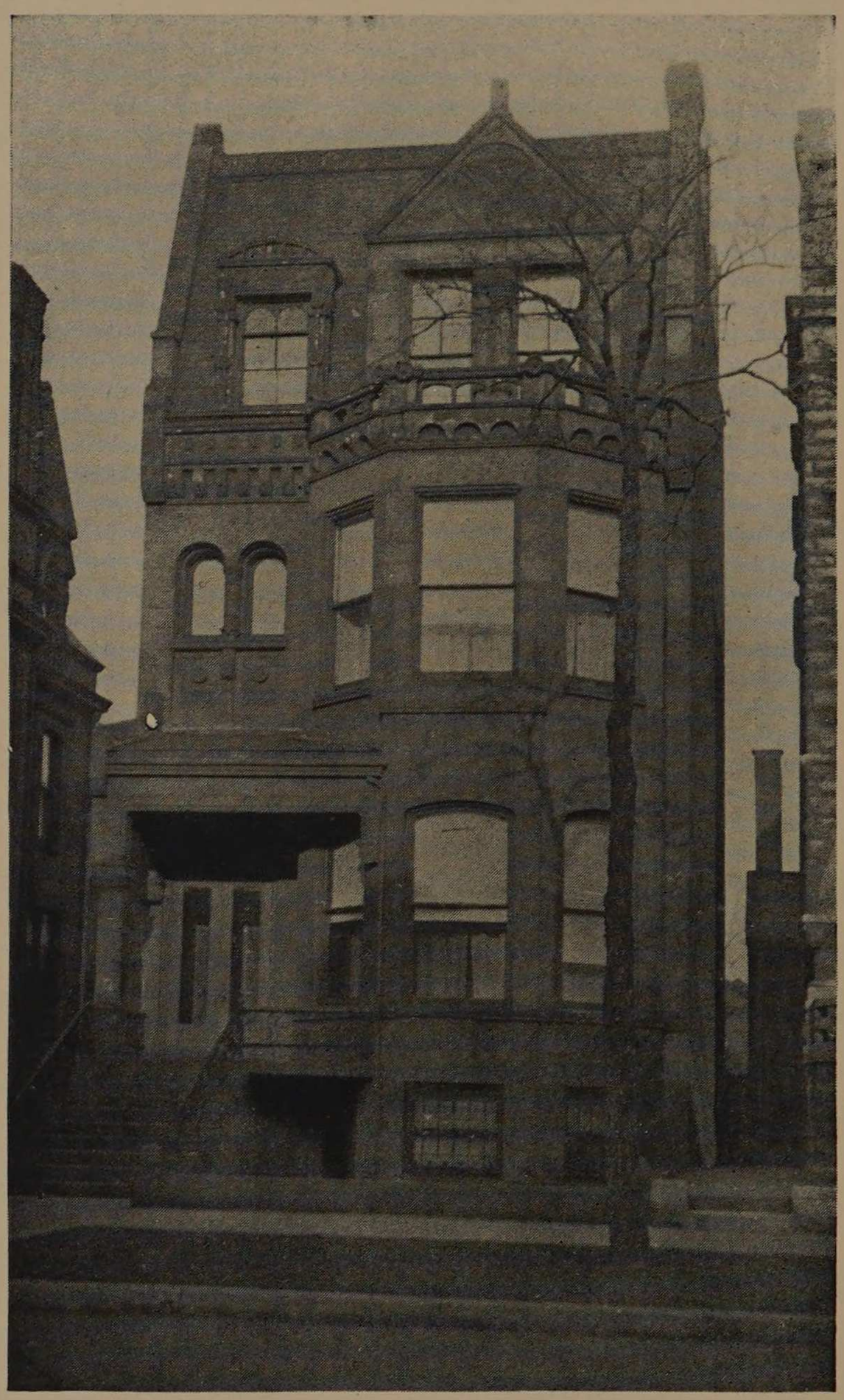

Delta Tau Delta House

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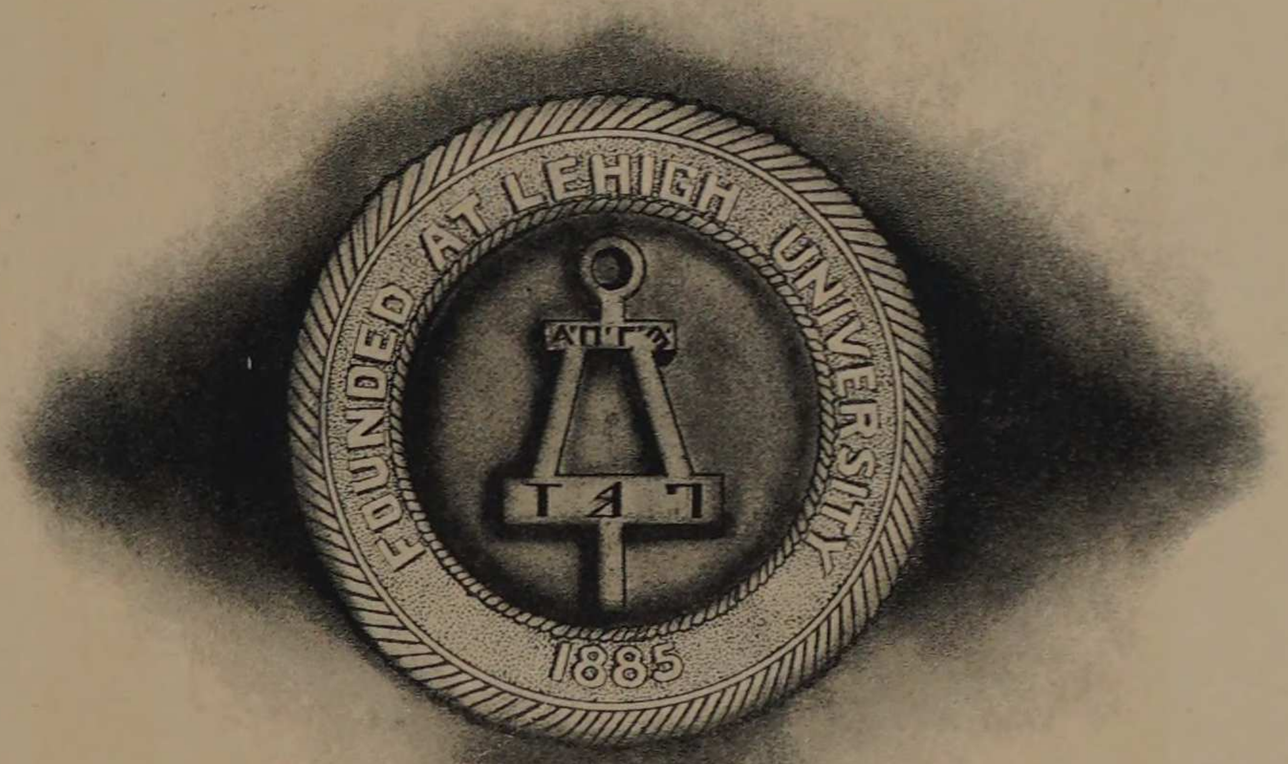


ΤΔΠ

Tau Beta Pi

BETA CHAPTER OF ILLINOIS

Chartered April 6, 1906

FACULTY MEMBERS

E. H. Freeman, Armour, '02
P. C. Huntly, Arkansas, '10
C. W. Leigh, Illinois, '87
E. S. Libby, Armour, '02
D. P. Moreton, Armour, '06
H. L. Nachman, Armour, '02
R. C. Ostergren, Armour, '08
J. C. Peebles, Armour, '04
J. C. Penn, Armour, '05
R. V. Perry, Armour, '97
Daniel Roesch, Armour, '04
M. B. Wells, Purdue, '94

HONORARY

H. M. Raymond, Dean of the Engineering Studies
A. E. Phillips, Professor of Civil Engineering
G. F. Gebhardt, Professor of Mechanical Engineering
Harry McCormack, Professor of Chemical Engineering

1916

Robert S. Adams
Fred C. Armstrong
Henry Bland
John M. Byanskas
Bradley S. Carr
Ellis S. Echlin
C. Arnold Grasse
Carl O. Haase
Henry W. Hemple
John R. Le Vally
Lincoln W. Luckow
Archie T. Newsom
Arthur D. Oswald
Henry A. Rook
Benno B. Sostheim
Frederic P. Strauch
Guy F. Wetzel
Maurice L. Wilcox
Leonard Peterson

1917

Norman J. Goorskey
Harold G. Ingraham
Laurence A. King
Harold A. Kleinman
Kenneth A. McGrew
Edward D. Porges
Armin L. Schreiber
Leonard E. Starkel
Walter Wollaston

Top Row: Adams, Armstrong, Hemple, Grasse, Rook.
Second Row: LeVally, Echlin, Oswald, Bland, Wollaston, Byanskas, Wilcox.
Third Row: Wells, Phillips, Raymond, Freeman, Penn, Huntly.
Bottom Row: Sostheim, Peterson, Newsom, Carr, Luckow, Haase.

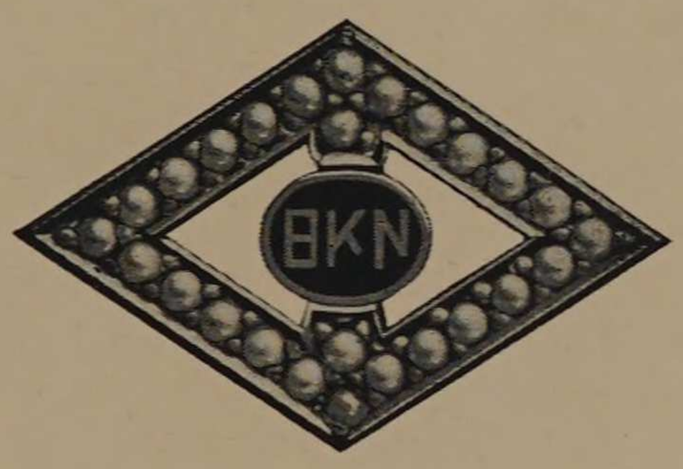
Tau Beta Pi

CHAPTER ROLL

FOUNDED AT LEHIGH UNIVERSITY IN 1885

Lehigh University 1885	ALPHA OF PENNSYLVANIA
Michigan Agricultural College 1892	ALPHA OF MICHIGAN
Purdue University 1893	ALPHA OF INDIANA
Stevens Institute of Technology 1896	ALPHA OF NEW JERSEY
University of Illinois 1897	ALPHA OF ILLINOIS
University of Wisconsin 1899	ALPHA OF WISCONSIN
Case School of Applied Science 1900	ALPHA OF OHIO
University of Kentucky 1902	ALPHA OF KENTUCKY
Columbia University 1902	ALPHA OF NEW YORK
University of Missouri 1902	ALPHA OF MISSOURI
Michigan College of Mines 1904	BETA OF MICHIGAN
Colorado School of Mines 1905	ALPHA OF COLORADO
University of Colorado 1905	BETA OF COLORADO
Armour Institute of Technology 1906	BETA OF ILLINOIS
Syracuse University 1906	BETA OF NEW YORK
University of Michigan 1906	GAMMA OF MICHIGAN
Missouri School of Mines 1906	BETA OF MISSOURI
University of California 1906	ALPHA OF CALIFORNIA
Iowa State College 1907	ALPHA OF IOWA
University of Iowa 1908	BETA OF IOWA
University of Minnesota 1909	ALPHA OF MINNESOTA
Cornell University 1910	DELTA OF NEW YORK
Worchester Polytechnic Institute 1910	ALPHA OF MASSACHUSETTS
University of Maine 1911	ALPHA OF MAINE
Pennsylvania State College 1912	BETA OF PENNSYLVANIA
University of Washington 1912	ALPHA OF WASHINGTON
University of Arkansas 1914	ALPHA OF ARKANSAS
University of Kansas 1914	ALPHA OF KANSAS
University of Cincinnati 1915	BETA OF OHIO
Carnegie Institute of Technology 1916	GAMMA OF PENNSYLVANIA

FRATERNITIES



Eta Kappa Nu

Honorary Electrical

DELTA CHAPTER

Chartered 1909

FACULTY

PROFESSOR J. J. GILBERT
PROFESSOR G. E. MARSH

1916

CHESTER WRIGHT
LEROY J. ENZLER
JAMES F. HILLOCK
HENRY BLAND
CARL HAASE
WALTER A. ALENDER
ARTHUR A. OSWALD
HARRY S. KATZ
LAWRENCE L. EDLUND

1917

RALPH HILLIARD EARLE
VERNON E. HUPP
HAROLD A. KLEINMAN

Top Row: Oswald, Alender, Hillock, Hasse.
Middle Row: Hupp, Wright, Marsh, Bland, Katz.
Bottom Row: Kleinman, Enzler, Edlund, Earle.

Eta Kappa Nu

Honorary Electrical

FOUNDED AT THE UNIVERSITY OF ILLINOIS, 1904

CHAPTER ROLL

ALPHA	University of Illinois, Urbana, Ill.
BETA	Purdue University, Lafayette, Ind.
GAMMA	Ohio State University, Columbus, Ohio
DELTA	Armour Institute of Technology, Chicago, Ill.
EPSILON	Pennsylvania State College, State College, Pa.
ZETA	Case School of Applied Science, Cleveland, Ohio
THETA	University of Wisconsin, Madison, Wis.
IOTA	University of Missouri, Columbus, Mo.
KAPPA	Cornell University, Ithaca, New York
LAMBDA	University of Pennsylvania, Philadelphia, Pa.
MU	University of California, Berkeley, Cal.

Pittsburgh Alumni Chapter, Pittsburgh, Pa.
Chicago Alumni Chapter, Chicago, Ill.
New York Alumni Chapter, New York, N. Y.
Schenectady Alumni Chapter, Schenectady, N. Y.
Milwaukee Alumni Chapter, Milwaukee, Wis.
St. Louis Alumni Chapter, St. Louis, Mo.

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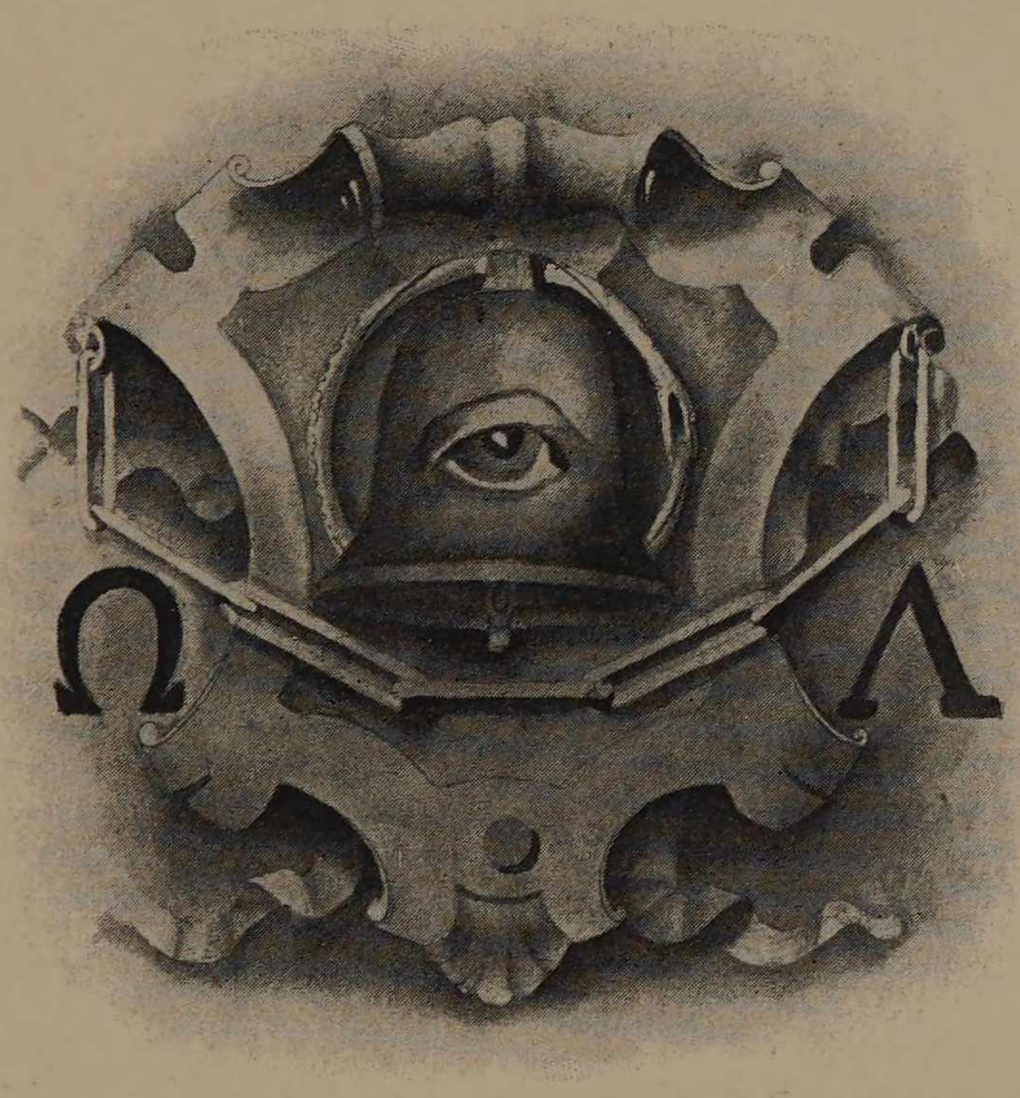


Omega Lambda

LOCAL

Organized October 21st, 1908

Faculty

ROBERT V. PERRY, Armour '97
JOHN C. PENN, Armour '05

1916

ROBERT S. ADAMS
JOHN M. BYANSKAS
ELLIS S. ECHLIN
C. ARNOLD GRASSE
CARL O. HAASE
LAWRENCE J. MCHUGH
FRANKLIN L. POND
CLIFFORD C. PORTER
ALFRED C. WERMUTH
MAURICE L. WILCOX

1917

STUART R. EVANS
WILFRED HAINES
R. LEE PASKILL
WALTER WOLLASTON
VERNON E. HUPP

1918

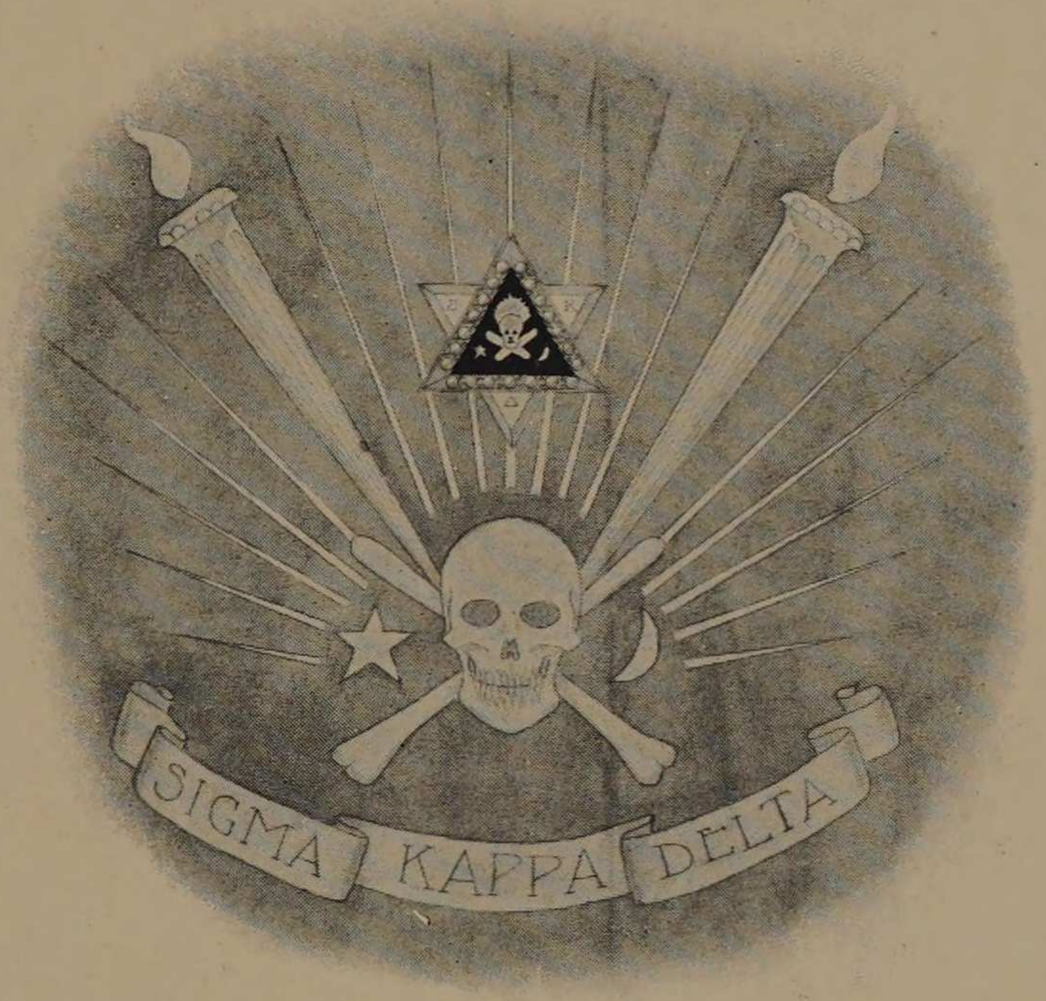
EVERETT R. COLE
STANLEY L. EVANS
FRED KAY FRIES
RALPH B. HOUSEMAN
ORA M. HULLINGER, JR.
KENNETH L. HUNT
HENRY KING
THOMAS KINGSLY
RICHARD N. MANN
SIGMUND D. NOTHELFER
BYRON ROYCE
KENNETH M. SABISTON
CLYDE SENASCAL
HAROLD H. SHOTWELL

1919

DERWOOD S. CHAS
CLARENCE B. CLA K
ARTHUR M. GRASSE
ALBERT J. JENSEN
RAY JOSLYN
ALFRED E. MAITRE
LEONARD NEILSON
MORTON W. ROGERS
J. MCWILLIAMS STONE
RALPH R. LAKE
JAMES KAVANA

Top Row: Adams, Paskill, Shotwell, Porter, Seniscal.
Fourth Row: Houseman, Hullinger, King, Nothelfer, Mann, Byanskas.
Third Row: Royce, Wilcox, Echlin, G. A. Grasse, Sabiston, S. R. Evans, Hupp.
Second Row: Wollaston, Lake, Clark, Cole, Jensen, Kavana, Stone, Maitre.
Bottom Row: Hunt, Joslyn, A. Grasse, Chase, Rogers.

FRATERNITIES



FRATERNITIES

Sigma Kappa Delta

ALPHA CHAPTER

Organized September 20th, 1912

Faculty Members

STANLEY DEAN, Armour '05
JOHN J. GILBERT, Pennsylvania '06
JAMES C. PEEBLES, Armour '04
WILLIAM SMITH, Cornell '92

1916

WILBUR H. ARMACOST
FRED C. ARMSTRONG
FLOYD T. BOWER
BRADLEY S. CARR
LAWRENCE L. EDLUND
LEROY J. ENZLER
JOHN K. MOWRY
OMAR G. O'GRADY
FREDERICK P. STRAUCH
GUY F. WETZEL
CHESTER F. WRIGHT

1917

JOHN L. BROYLES
GERALD T. DOUGHERTY
RALPH H. EARLE
GEORGE M. FRITZE
ORREN L. HAILEY
JAMES D. HARVEY
W. RUSSELL OWEN
ARMIN L. SCHREIBER
ARNOLD H. SMITH
WILLIAM P. TRONVIG

1918

HERBERT W. PUSCHEL
PAUL A. WINDESHEIM

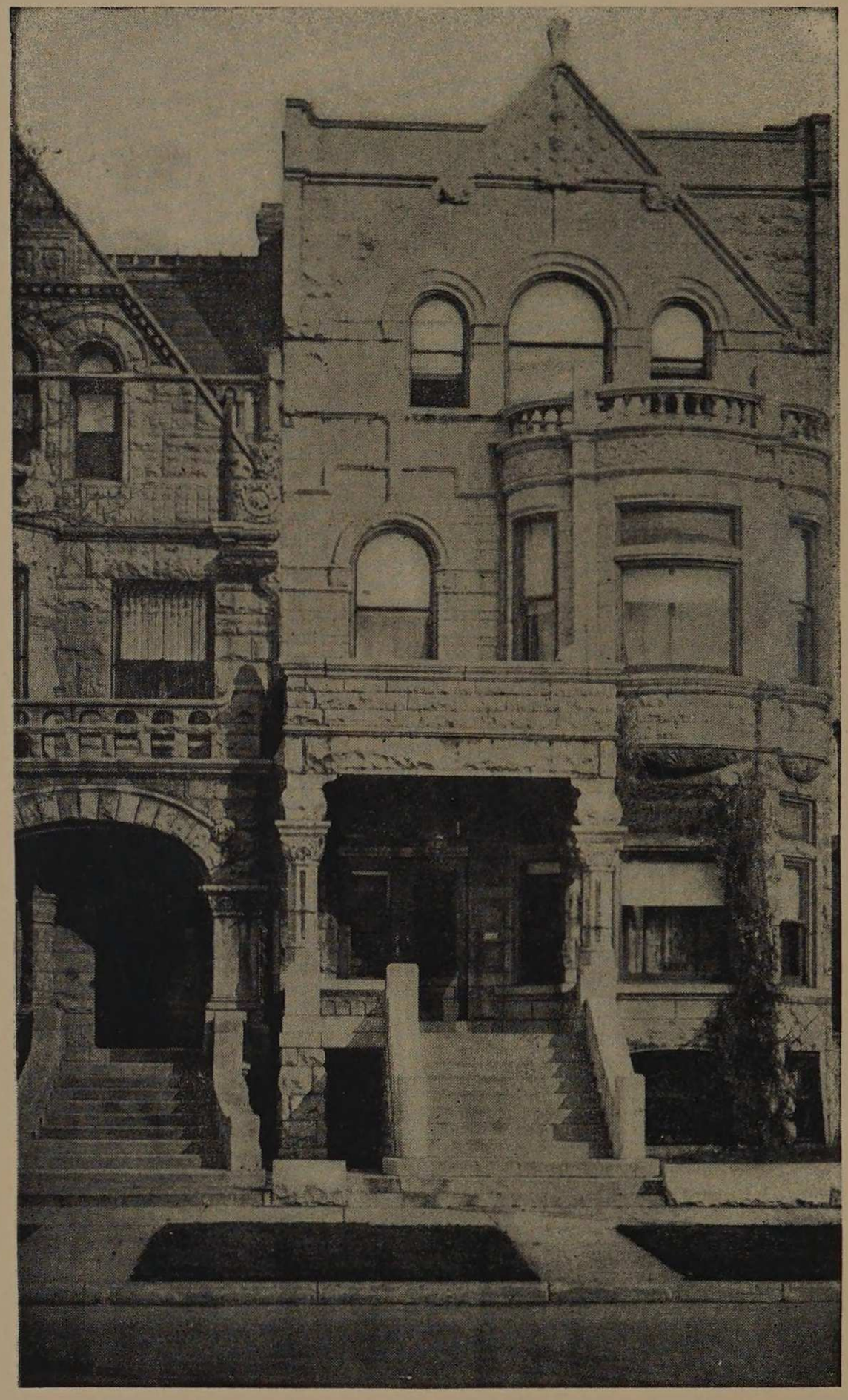
1919

HENRY B. ATHERTON
EDWARD J. KILFOYLE

PLEDGED

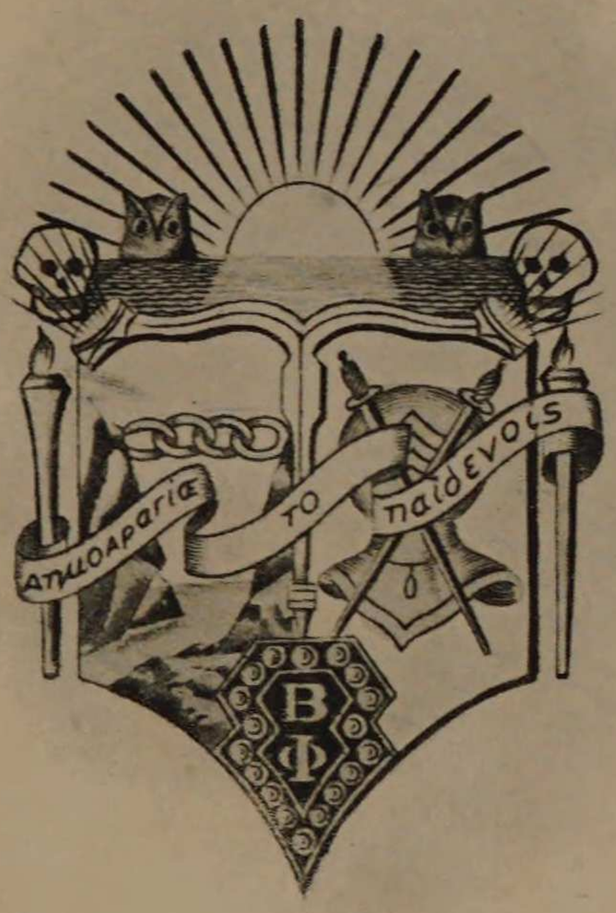
A. R. EDWARDS
FRANK S. FISHER
MAX H. FORD
ARTHUR M. GAIL
STENNETT C. HULBERT
JOHN B. O'CONNELL
LEROY O. ORAHOOD
GEORGE R. PETERSON
CHARLES R. POMEROY
AUSTIN J. RICE
ARTHUR C. RUNZLER
W. J. SAVOYE
HOWARD C. WILSON

Top Row: Hailey, Fritze, Windesheim, Schreiber.
Fourth Row: A. H. Smith, Dougherty, Wright, Mowry, Broyles.
Third Row: O'Grady, Edlund, Carr, Enzler, Strauch, Armacost.
Second Row: Peterson, Hulbert, Bower, Owen, Tronvig, Harvey.
Bottom Row: Gail, O'Connell, Atherton, Ford, Edwards, Savoy.



SIGMA KAPPA DELTA HOUSE

FRATERNITIES



Beta Phi

FOUNDED AT UNIVERSITY OF CHICAGO, 1911

CHAPTER ROLL

ALPHA	University of Chicago
BETA	Northwestern University
GAMMA	Armour Institute of Tech.
DELTA	University of Illinois
EPSILON	University of Iowa
ZETA	University of Michigan
ETA	De Pauw University

GAMMA CHAPTER

Chartered March, 1913

FACULTY

H. L. NACHMAN, '03 — DANIEL ROESCH, '04

1916

ERWIN EDELSTEIN
ROY GOPPLESROEDER
JAMES F. HILLOCK
CHARLES J. KUCERA
LINCOLN LUCKOW
WILLIAM D. WORKS
E. WALLACE MCDIARMID
ARTHUR A. OSWALD
GEORGE B. PERLSTEIN
LEONARD PETERSON
HYMEN SHAPIRO
HENRY WILKINS

1917

JOHN W. BARING
MATHEW E. BENESH
ABRAHAM CORMAN
FRED C. DIERSTEIN
BERNARD R. KURZON
LORENZ W. MATTERN
ROBERT F. SCHREINER

1918

ALBERT BROWN
WILLIAM FINKL
JAMES M. FLOWER
VOLNEY A. KERR
KENNETH A. TAYLOR
LEWIS E. TWERY
LESLIE WEISS

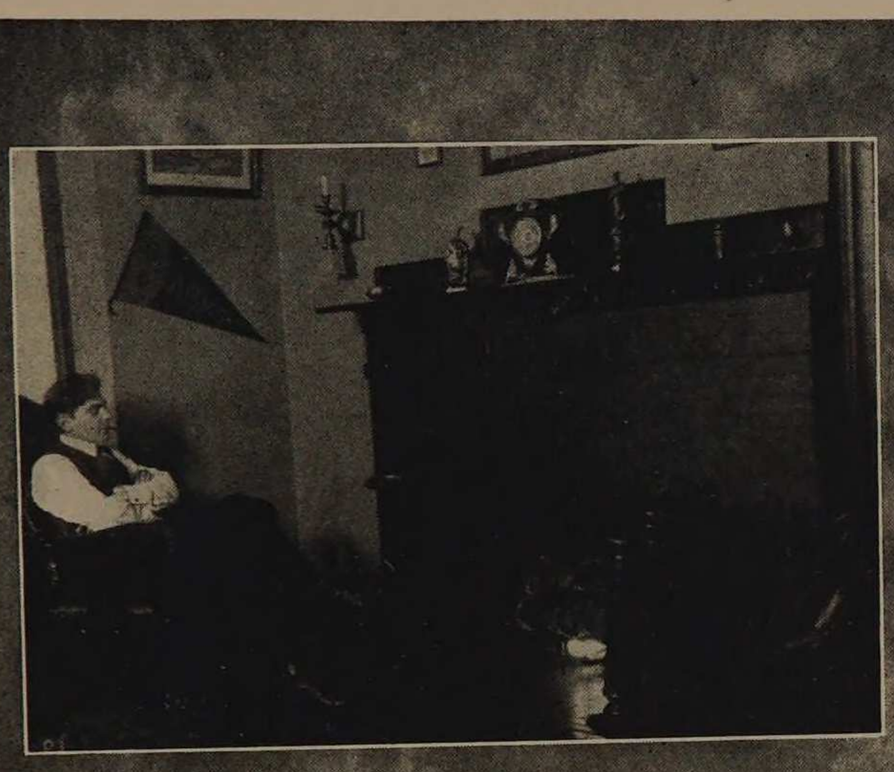
PLEDGED

R. C. VAN SICKEL
H. MYERSON
W. SANDROFF

Top Row: Finkle, Shapiro, Baring, Edelstein, Taylor, Mattern, Benesh.
Middle Row: Wilkens, Oswald, Perlstein, Peterson, Schreiner, Kucera, Works, McDiarmid.
Bottom Row: Kurzon, Hillock, Dierstein, Gopplesroeder, Luckow, Corman, Weiss.

FRATERNITIES

FRATERNITIES

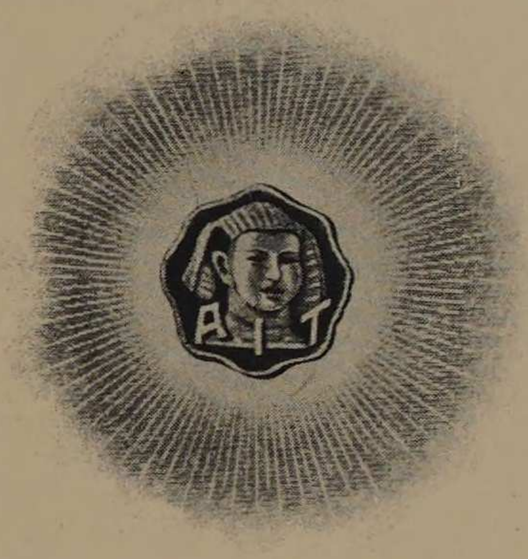


FRATERNITIES

BETA PHI HOUSE

CLASS SOCIETIES

CLASS SOCIETIES



Sphinx

OFFICERS

LAWRENCE J. MCHUGH . . . . . *President*
C. LAWRENCE BOLTE . . . . . *Secretary and Treasurer*

FACULTY MEMBER

DEAN L. C. MONIN

MEMBERS IN COLLEGE

FRED C. ARMSTRONG
C. LAWRENCE BOLTE
BRADLEY S. CARR
ARTHUR KATZINGER
LAURENCE KING
LAWRENCE J. MCHUGH
HENRY A. ROOK
L. E. STARKEL
F. P. STRAUCH
J. E. SULLIVAN
CHESTER F. WRIGHT

Wright Strauch King Carr Starkel
Sullivan McHugh Rook Bolte

CLASS SOCIETIES

CLASS SOCIETIES

The Honor "A" Society

THE HONOR "A" SOCIETY was organized in the spring of 1914 by the active athletes.

The fundamental idea back of the formation of the Society was that of bettering athletics in general at Armour, in that the organization would serve as an aid in bringing out material and would stimulate competition for places on the various teams.

To get things started, a petition was submitted to the Executive Council, who O.K'd the idea at once, and authorized the "A" men to carry out their plans accordingly. At the first meeting of the active athletes, a constitution was drawn up and officers elected. It would be too lengthy to include the entire constitution in this space, but a few of the articles given below will define the societies' purpose.

Article 2. Section 1. To serve as a working unit for all "A" men in discussion of athletic questions.

Section 2. To procure and preserve all records of Athletic Teams.

Article 3. Section 1. Any student of Armour Institute of Technology who has won a letter in any of the three major sports; Baseball, Basketball, or Track, is eligible to membership.

Article 5. Section 1. There shall be no regular meetings, except the annual banquet. Other meetings shall be called by the President.

Article 7. Section 1. The emblem shall be a 14 K gold block A, with stars engraved as follows:—A star for every letter won.

Letter won through Baseball shall be placed on the right side.

Letter won through Basketball shall be placed on the left side.

Letter won through Track shall be placed on each leg. One star for each captaincy on cross-bar.

FRATERNITIES

The Honor "A" Society

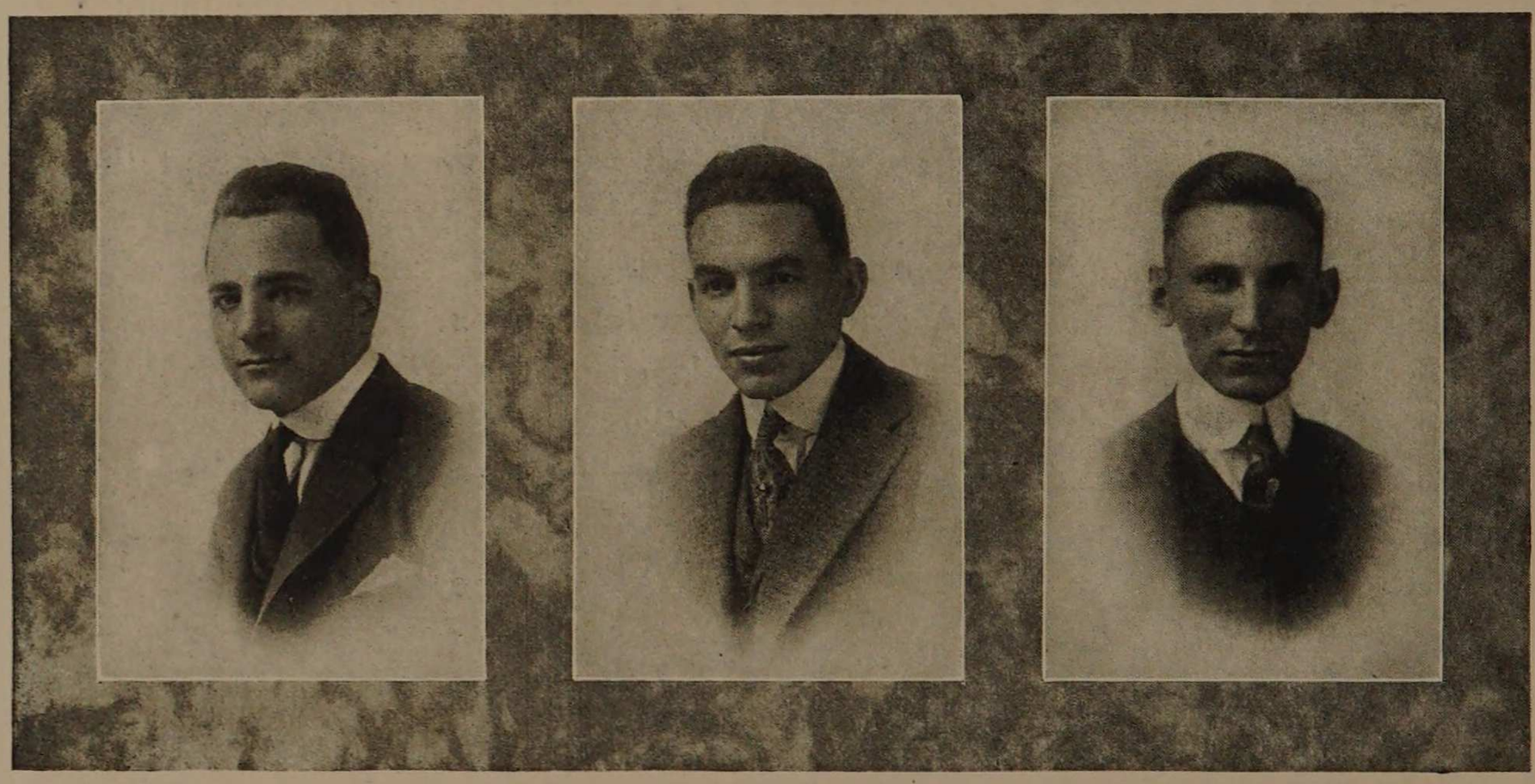
HONORARY MEMBERS

JOHN J. SCHOMMER
DR. H. B. THOMAS

MEMBERS IN COLLEGE

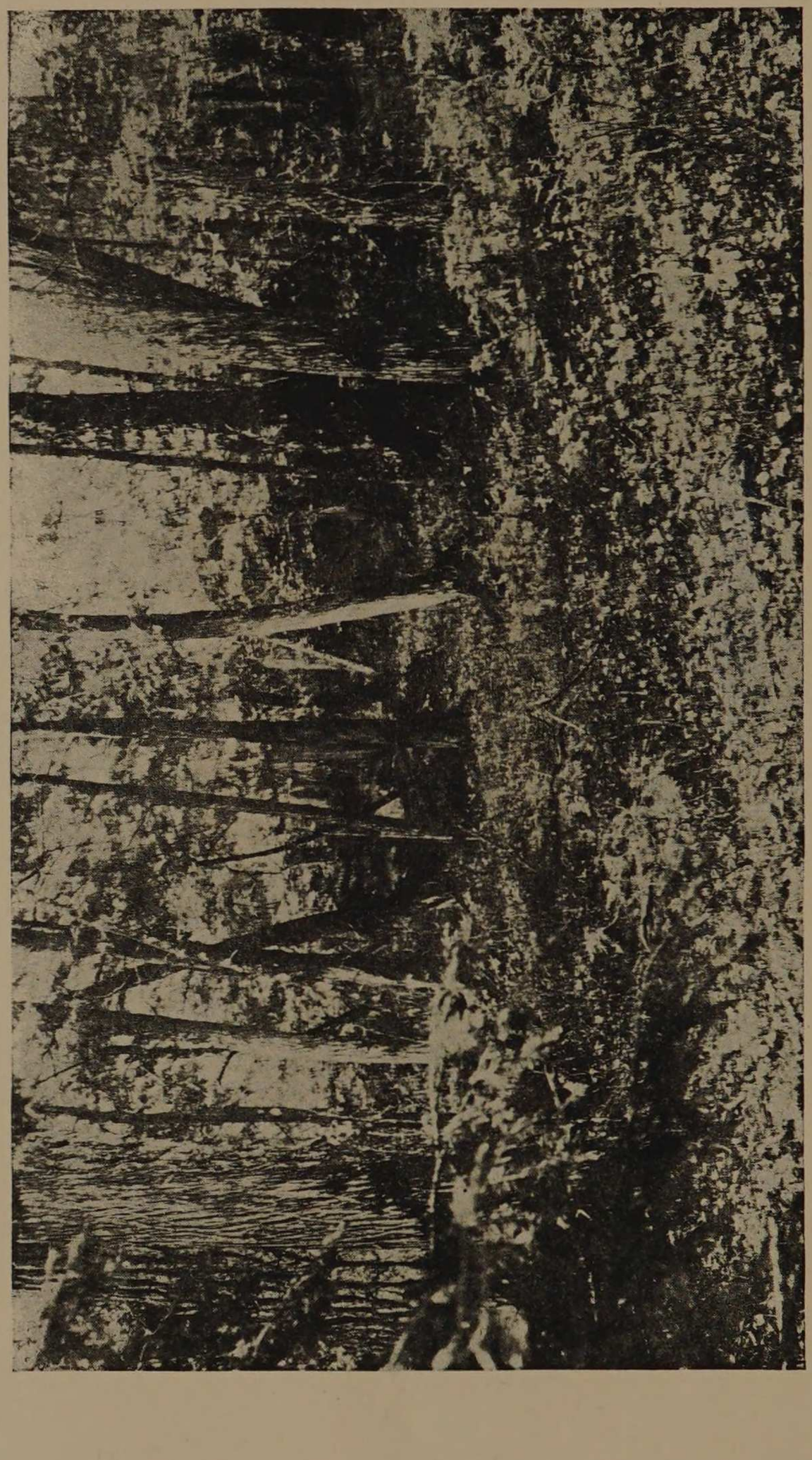
JOSEPH E. SULLIVAN . . . . . *President*
L. A. KING . . . . . *Secretary and Treasurer*
O. M. HULLINGER . . . . . *Statistician*

S. N. ABRAMS
W. ALENDER
A. S. ALTER
J. BROMAN
H. A. BRUCE
F. J. CONWAY
S. L. EVANS
K. V. HALL
C. HILL
P. R. HOCKENBERGER
O. M. HULLINGER
A. KATZINGER
V. A. KERR
L. A. KING
H. G. MOUAT
R. L. PASKILL
W. M. SANDROFF
A. L. SCHREIBER
J. SULLIVAN
K. A. TAYLOR
J. TIERNEY
W. T. WATT
M. L. WILCOX
S. B. WILLIAMS

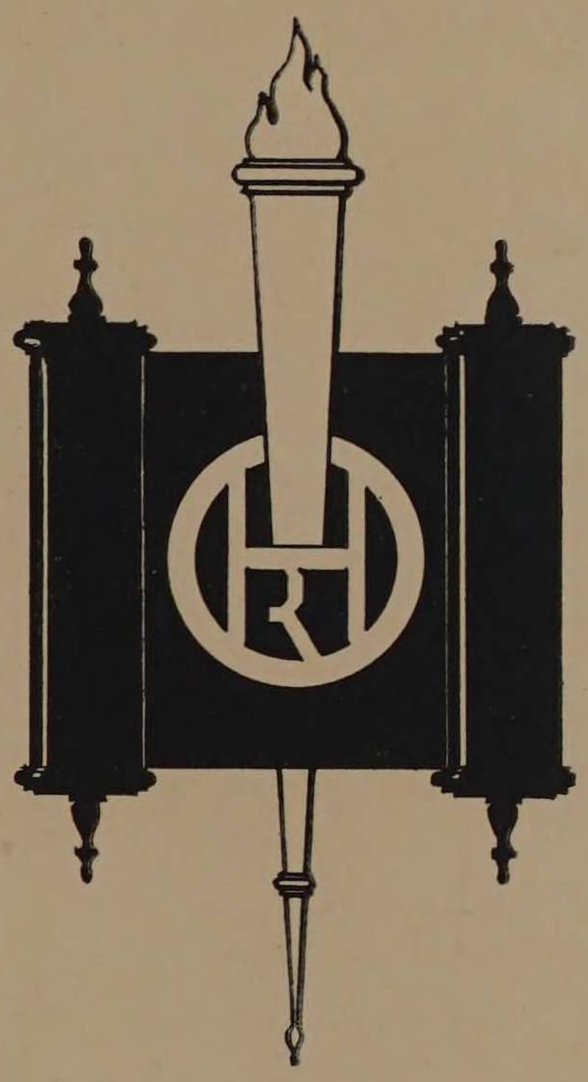


J. E. SULLIVAN | L. A. KING | O. M. HULLINGER

CLASS SOCIETIES



CLASS SOCIETIES



The Dhr

Organized November 16, 1914

1916

Samuel N. Abrams
Harry S. Katz
Sidney C. Finkelstein
Samuel E. Sosna
Benno B. Sostheim

1917

Edward Friedman
Bertram Robechek
William Hankan
Nathan Steindler
Myron L. Summerfield

1918

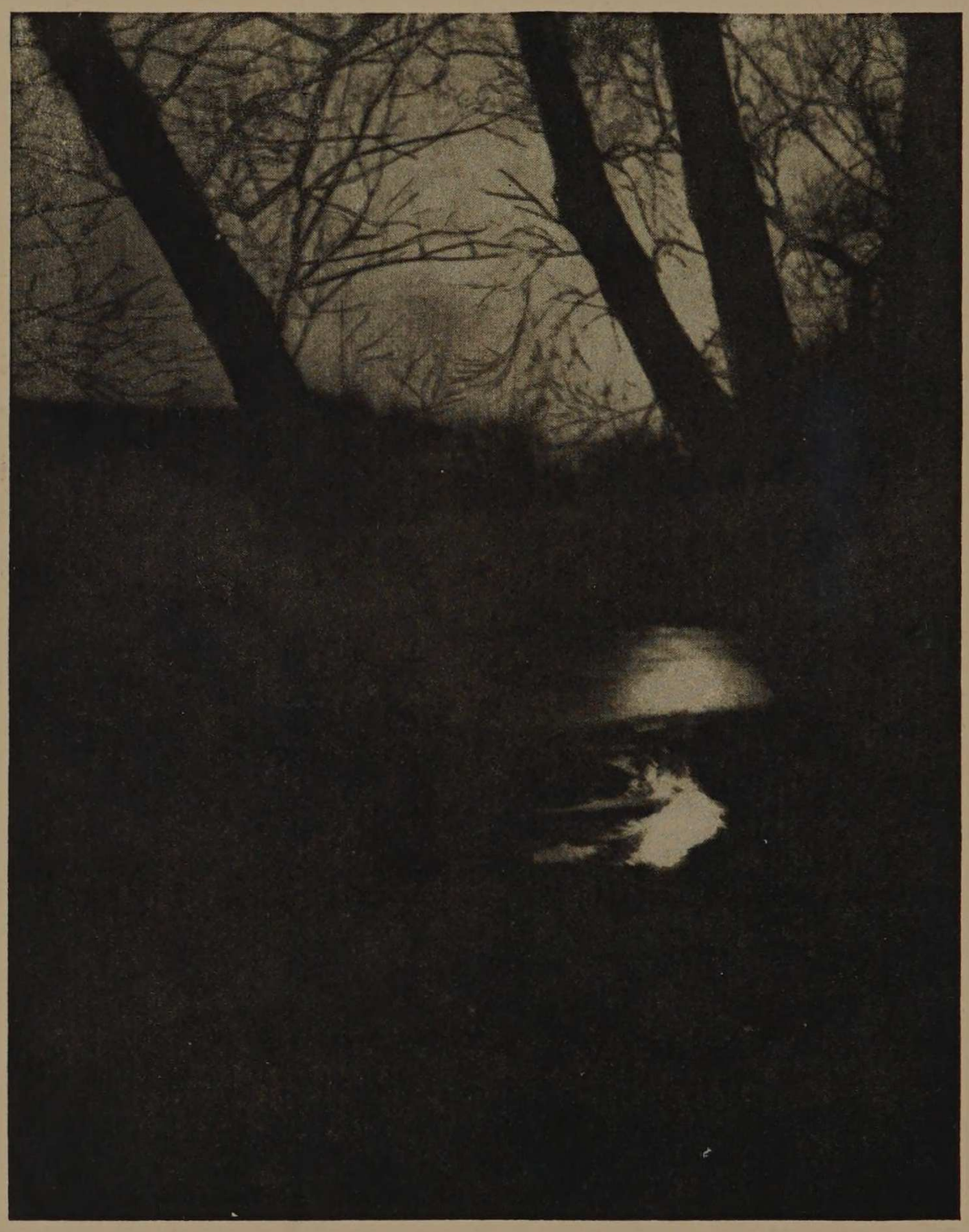
Raymond B. Anthony
Herbert J. Goldsmith
Joseph Simon

1919

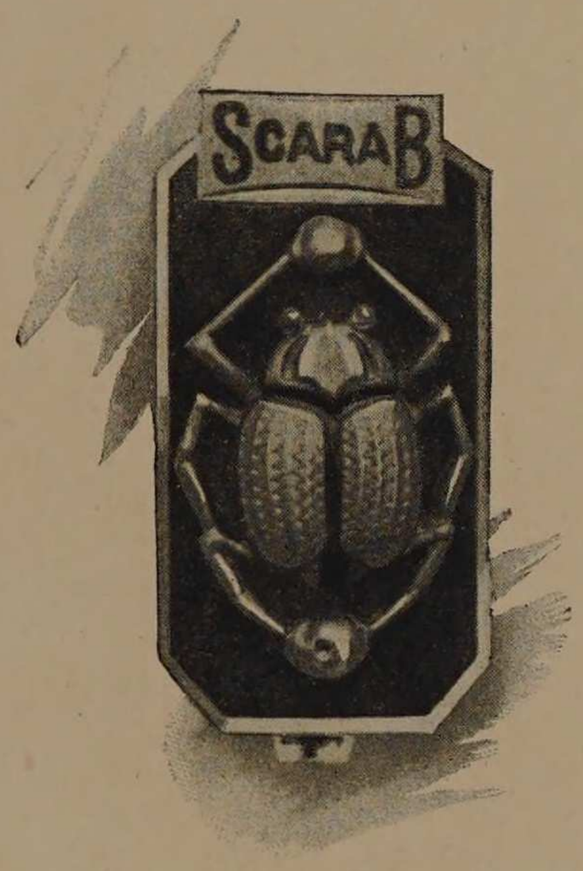
Alexander S. LaZoris
Herman J. Schwarz

Top Row: Steindler, Anthony, Abrams, Summerfield, Katz, Finkelstein, Hankan.
Bottom Row: LaZoris, Simon, Goldsmith, Sosna, Friedman, Robechek, Schwarz,

CLASS SOCIETIES



CLASS SOCIETIES



Scarab

FOUNDED AT THE UNIVERSITY OF ILLINOIS, 1909

TEMPLES

UNIVERSITY OF ILLINOIS
WASHINGTON UNIVERSITY
ARMOUR INSTITUTE OF TECHNOLOGY

EDFOU TEMPLE

Chartered 1915

FACULTY

EARLE H. REED, JR.

SENIORS

C. W. FARRIER
B. L. ROOS
E. R. NIELSEN
H. W. VADER
H. L. WALLBRECHT
A. T. NEWSOM
E. W. MANN

JUNIORS

A. N. DRYDEN
H. G. INGRAHAM
H. E. MAHER
K. A. MCGREW

SOPHOMORES

E. F. QUINN
M. DAVIDSON
R. A. CHAPPELL
R. F. KOCH

Back Row: Newsom, Dryden, McGrew, Maher, Ingraham, Wallbrecht.
Front Row: Nielson, Vader, Farrier, Mann, Roos.

JOEI SULLUKIVANI

This way, everybody. Step up a little closer, please, ladies and gentlemen. The price is just the same. Our specialty in this part of the circus is the celebrated Hawaiian prince, Joei Sullukivani. Watch him closely, please, ladies and gentlemen. He neither walks nor talks, but he crawls on his belly like a reptile.

We have just received him from the Panama-Pacific Exposish and know that we all are honored by his presence. We all know how attractive he is; but do not move too close there ladies; give the men an equal chance to give him the Double O-H. Now, ladies and gentlemen, this well known article from the volcanic isle of Hawaii will endeavor to assist in a concert, in which he will play a few selections on his own Ukulele. This Ukulele is not of the Lyon & Healy brand, but it is direct from the heart of Wai Ki Ki, where our so-called phenom bewitches the maidens in his wonderful under-the-sea exploits and in his concerts, given while canoeing and surf-riding at this wonderful beach. Again I must say, not too close. Give him air; and I am sure that he will be still more popular on the inside. His costume is made from the skin of the mountain tiger that strolls on the lava in these volcanic regions. We have arranged for a sea-diving and shark-killing exhibition, in which Joei will show you his speed in the H_2O and also play a water basketball game against the five from Laku Forustu.

PRINCE JOEI SULLIVAN

In this pose he is illustrating the way of saluting the ancient Hawaiian gods, and is not preparing to get his daily food. While in this country we must feed him on Tuna fish and pure bread (Schulze's), butter and honey.

He will also give instructions to the erstwhile Armour Sextette, "jazzy chords a la Ukulele." Yes, madam, the show starts right away.

HUMOR

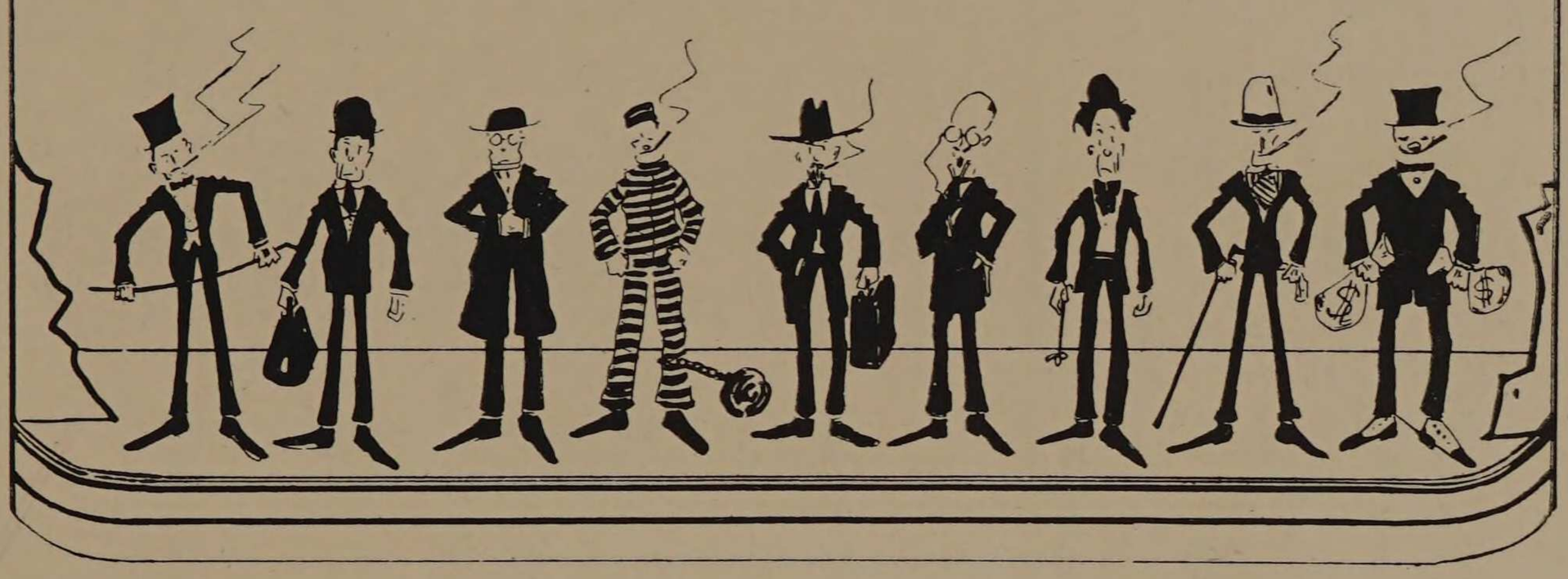
Humor

What crimes are perpetrated in thy name. What monstrosities and atrocities are permitted to masquerade under thy colors. What a cruel path is before you, innocent reader. Take heed before you fall. Take counsel from one who has your welfare at heart. Close this book before you have departed a raving maniac. If you persist and "enter blindly where angels fear to lead," remember that this was not designed with intenton and thought out with premeditation. Remember that we have no purpose in wrecking your mentality, in blighting your mind. In your charity, think of this Effulgence of Influenza, not as a preordained plot toward the destruction of the human intellect, but rather as the raving of a diseased brain, the anguish of a lost soul.

Now that we have satiated custom and satisfied tradition, which has demanded from time immemorial that all humorists must first excuse their humble efforts toward affecting the mildest witticisms, we will now take you into our confidence and tell you that this is the best "Humor Department" ever turned out "back of the yards." You certainly elicit our heartfelt commiseration (how's that?) if you have worried through these hundreds of pages of dull society reports, of homely "frat" houses, of sordid samples of syncopated society, and of unintelligible thesises on the "final solution of the serious scientific problem by the solar sextant method of solidifying soft soap."

Gentle reader—all readers are supposedly gentle, yet sometimes a humor editor comes in contact with the sterner element of the species, particularly during the twenty-four hours following Cycle Day—we continue, gentle reader—you have well earned this treat and we spread it before you with no qualms of conscience, knowing full well that anyone who has followed this far deserves all that's coming to him (and he'll get it) with our impalpable disserations, and hope that you will absolve our chimerical ratiocinations.

ALUMNI



ALUMNI ASSOCIATION

Alumni Association? Yes, we heard of one and, believe us, it has been one of our many hard trials to get some dope on this erstwhile crowd. This association, if any good, of course would be well known of before this time. At other colleges the usual procedure is to have a reunion week, known as the annual homecoming. At Armour we never had one, but it seems as though a few graduates of Armour College got together and had a banquet which later turned into a meeting.

The Armour spirit was well shown here by the number present at this gathering. From the count taken, about twenty men have graduated from our school since the first graduation, in 189—. As would be expected, nobody knew anyone else at the meeting, and their talk was mainly whether the college was ever going to move to a new location. What did they care about that?

We have tried our very best to look up some of the occupations of the graduates and find many interesting facts about these men who took engineering courses. Some are selling real estate; others selling hats, candy, coal, shoes, drugs, oil; while a few have become druggists. Eustace Vynne is selling hats for the Paramount Hat Works. Glen Clark is with Rothschild & Co., in their underwear department. Ray Corning is on a homestead in British Columbia, contemplating on entering the European struggle in the Canadian ranks. F. G. Cooban is studying pharmacy at the University of Illinois. Spec Kiley is with the Willie Hills patent attorneys. Some occupations for engineers. We also have met others who play Satan at some of our classes at school. They at least stuck to engineering. This alumni crowd is surely patriotic to their Alma Mater; when they come back they receive their goat skin.

Let us hope some of them get together and start a real homecoming, so as to have all the old boys show up.

Officers for next year are:

I. M. Hassenpheffer, '02, President.

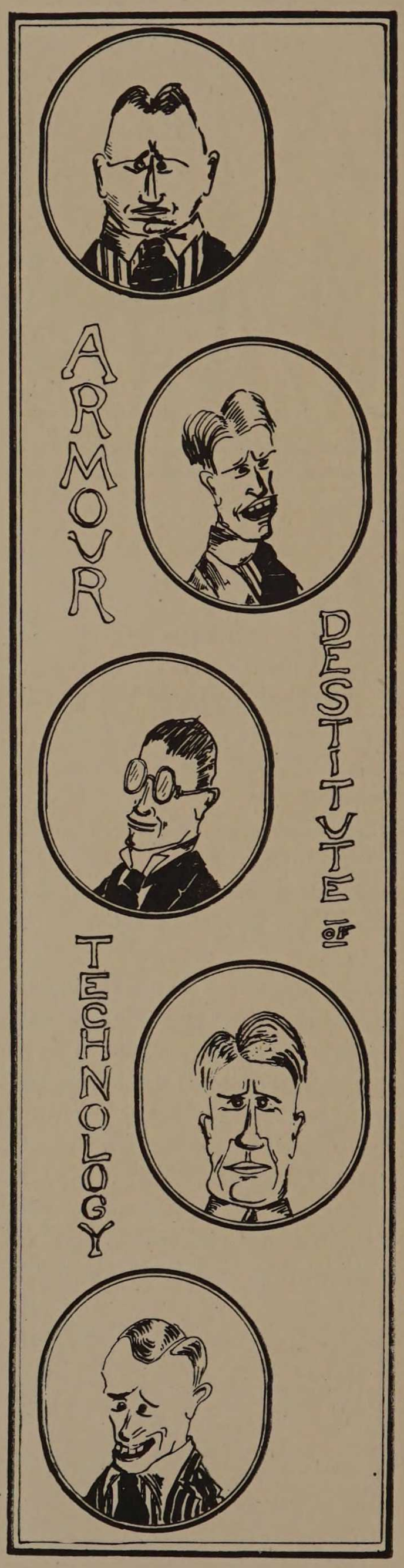
A. B. Guggenslacker, '06, Vice-president.

P. H. Divinity, '10, Secretary.

O. U. Aluminot, '98, Treasurer.

What the treasurer is for we don't know. Do you?

HUMOR



SULLIVAN

Thesis: Detailed Construction of a Pipe to be Used for the Decombustion of a Can of P.A.

St. Ignatz School, 1912.

Atted Nat Atted; Tau Reta Phi; S.E.C.A.; Iota Coppa Few; Baseball 1913-4-5-6; Class Rush 1912-3; Chicago Medical Society 1915; Assistant Treasurer of Class 1913-4; Rooters' Association Representative 1914-5; School Smoker Champion 1913-4-5-6; Sportsmen's Club 1916.

"Sully" is one of the few lazy Armour men. For years he has done little besides being in all athletics. As a student he was exceptional, especially in Mathematics and Physics, where he received "A" marks throughout. His constructive ability, as shown on a memorable Circus Day, will help him in the civilized world. He was never elected to an office, though he was nominated for all of them. His absences and tardys were few and lived up to his "early to bed and early to rise" rule. We wish him luck when he uses Hahn's "adroarea" in the bombardment of Ireland and Germany.

MOUAT

Thesis: A Study of the Fundamental Laws Concerning the Stretching of Shorts to Make Long.

John Worthy Academy, 1912.

E.M.I.A.; Rastling Club; First Usher Armour Mission 1913-4-5-6; Armour Mission Baseball and Basketball 1913-4-5-6; Chief Clerk in Doc's Office 1913-4-5-6; Glue and Glutar Club 1915.

"Shorty" has done much toward helping athletics at school. For four years he has been on every squad and has not received his "A" in any branch. His 6 feet 6 inches of height offsets his 115 pounds, and handicaps him very much. When Broman leaves he will take "Shorty" along in his pocket and not notice the difference. We hope he fails after he leaves us, because he never showed us any stuff at Armour, and we expect that in five years he will be yelling "groceries" at the back doors.

EDLUND

Thesis: Construction of a Fire for Camp Fire Girls.

International Correspondence School, 1912.

Amgis Appak Ihp; Pi Beta Tau; President of Tiddly Winks Club 1915-6; Delegate to V.W.C.A. Convention 1915-6; Camp Fire Girls; Eleanor Club; School Booze Club; Chromic Smoker 1913-4-5-6.

"Doc" has not been a pious guy at studying, though he looks it. His experiences, as he tells them, are very weird tales of wine, women, and song, and deem him powerless as a minister of the W.G.A. We expect him to be deacon of the little old church around the corner, and his bride to be a celebrated Camp Fire Whirl, of course.

BROMAN

Thesis: The Analysis of Several Types of "Make Man" Tablets Used to Remove All Traces of Human Laziness.

Bernar McFadden's Physical School, 1912.

E.M.I.A.; Cross Country Team 1914; President of Crokinole Club 1915-6; School Billiard Champion; Tennis Team; Member of Physiculture Society.

"Bro" is our little old "White Hope," and is not considered a "regular Armour Man" because most of them are lazy and need more "pep." He is always starting something in any line and keeps others busy to keep step with him. He surprised several by attending the Freshman dance at the Sherman Hotel, and we want to say that this positively will not happen again. His social atrocities are known only to that extent, and we believe that as a physical director he will prosper because of his activity.

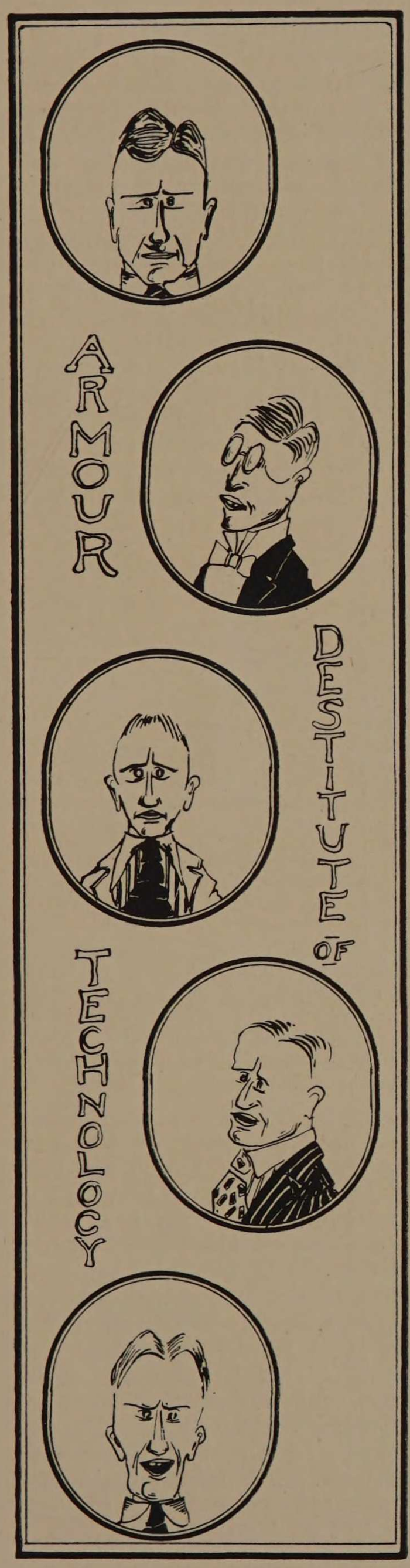
KATZINGER

Thesis: An Experimental Test to Find the Stresses and Strains in a New Golf Club Produced in Hooking and Slicing.

Shattuck's School of Architecture.

Xniphs; E.M.I.A.; Business Manager of the Suffrage Review 1915-6; Chess and Checker Club 1913-4-5-6; Poker Club 1915-6; Chief Scorer Bowling Club 1913-4-5-6; Plank of Athletic Rule 1913-4-5-6.

"Katz" might be good looking and very athletic, but for four years we have tried our best to have him go out for the teams at Armour, but to no avail. His mascot has kept him abreast of the social cranks at school. One thing that we would have liked to have seen Katz do, was to catch the greased pig on the Circus Day. As a golf bug, we hope he will steadily improve until he is able to win the National title.



HUMOR

McHUGH

Thesis: A Calibration of the Aldermanic Influence in the City of Chicago.

Kent College of Law, 1912.

Adbmal Agemo; Clau Reti Phi; Xniphs; S.E.C.A.; Editor-in-Chief of the Literary Digesto 1915-6; Editor-in-Chief of the Suffrage Review 1915-6; Muraging Editor of the Bulcromo 1913-4; Basketball 1913-4; Class Rush 1912; President of the Boluzics Club.

"Little Mac" is one of the few Armour men who do very little, and is always seen around. His dancing at the class dances has improved with the aid of the watchful steps of Nothelfer, erstwhile Master Castle. Though we have seen or heard very little about Mac, we predict a rosy future for him as assistant editor of his lodge's quarterly review.

BOLTE

Clue High School, 1912.

Thesis: Manufacture of Cellubotes and Cutthrotes.

Amgis Appak Ihp; Xniphs; Glue and Findopin Club 1913-4-5-6; Track 1914-5-6; Editor-in-Chief of the Bulcromo 1914-5; Wrist Watch Club.

"Larry" has shown us how to make the Bulcromo fail and we hope he will find out how to bring back the old dog. He surpassed all records for shot-putting while on the track team, and practiced putting (away) gloe sins at the Drexel Café. Some day we will have to step on his dignified face to let him know where he stands in the Armour world. Though his name puts him in the Mechanical line, it seems that he will enter the Chemical engineering world, and his first position will be purifying the water used at the I. N.G. reservation.

WALLBRECHT

Thesis: A Book Entitled "How to Act on All Occasions."

Madame V's School of Duties, 1912.

Atled Uat Atled; Baracs; Iota Phela Thi; Reileta; Cold Super Grand Opera 1915; Guest of the Miss Laura Lean Ishkaibibby 1915-6; Prom. Leader of Iota Iota Fut Formal and many others 1913-4-5-6.

"Red" is one of the boys who has used the advantages of his ugliness for four years. He might get by luckily, but we are not sure. His preparation for one of his occasional dinner dance visits with the Cudahys, Armours, etc., is watched by the men at school with much pleasure. As a leader he is unsurpassed. Though coming from the back woods of Michigan, he says he has adapted himself to the society of Chicago, and thinks he will stay here after graduation. Give us a chance, "Red." He is envied as an architect by all his classmates because of his many first mentions received.

WILCOX

Thesis: The Calibration Curve of the Advantages of Being the Son of a Professor.

Pontiac Obliteration School, 1912.

Abdmal Agemo; Pi Beta Tau; E.M.I.A.; Track Team 1914-5; Basketball Squad 1913-4-5-6; School Tennis and Golf Bug 1913-4-5-6; Champion Motorcyclist 1915-6.

"Mossy" is one of the star flunkers of the Pie Bates and when he could not pass in his subjects he tried basketball, but had to take it over twice, and in his Junior year received an "A" in it. They say that at one time he played baseball, but we have got to see it. His principal diversion is slapping defeats on his Dad on the golf links, and sleeping. To assist in his sleeping he bought a motorbike, and now he gets up at 8:20 for an 8:30. He is thinking of assisting in the experiments in the physics lecture room; he surely is needed. His dancing is a favorite imitation of the erstwhile Nothelfer.

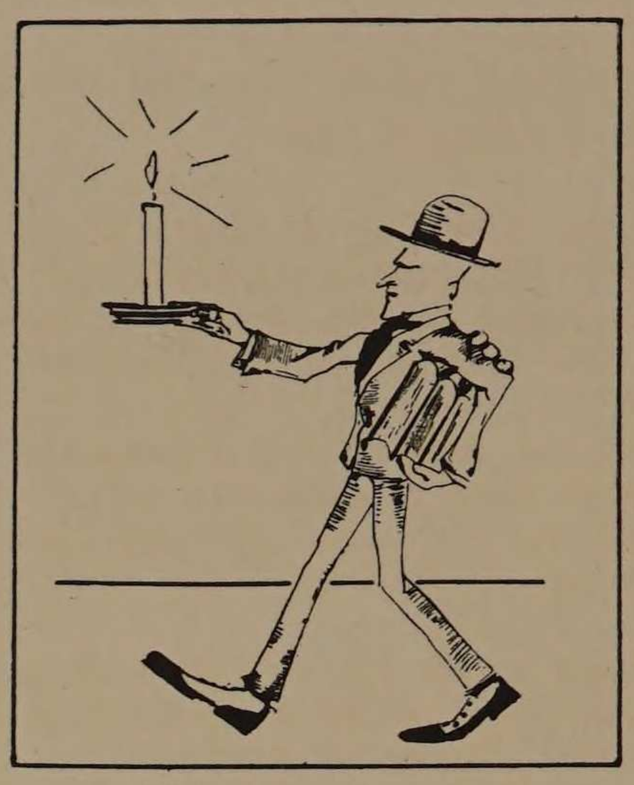
ROOK

American Correspondence School, 1912.

Amgis Appak Ihp; Pi Beta Tau; Xniphs; S.E.C.A.; Class Track 1913-4-5-6; Class Meetings 1913-4-5-6; Glue and Bombar Club; Business Manager of the Literary Digesto 1915-6; Assistant Editor-in-Chief of the Suffrage Review 1915-6; Assistant Treasurer of Class 1915-6.

Lucky for Rook that he was not born near the ocean with the sea. (Mystery). He has dogged the heels of McHugh for the past two years in search of ads., etc. As a student he is rotten, and if Joe Sullivan had associated with him in his studies, he would hate to look at his record. We wish Rook the best of misfortune in the Civil Engineering world, but believe that he needs a little more experience as a draftsman.

HUMOR

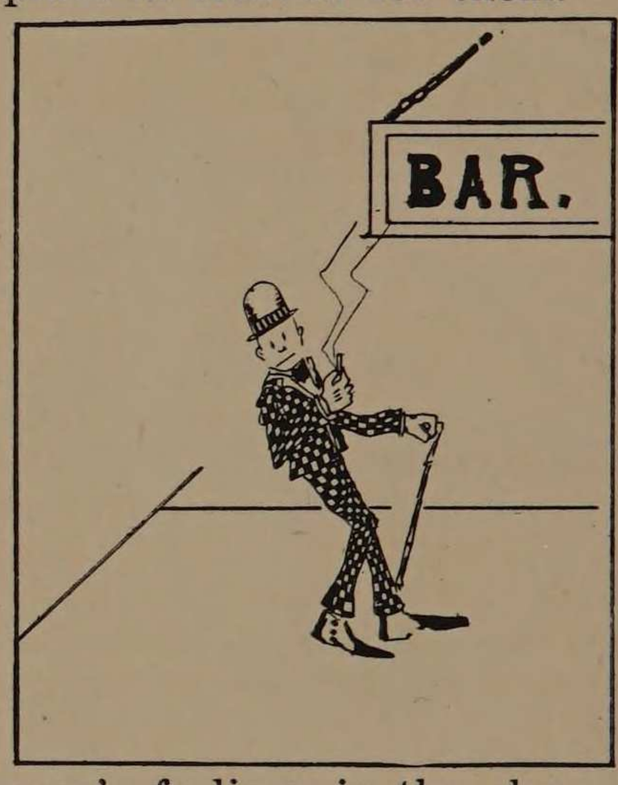


THE MECHANICAL ENGINEERS

To finish the Mechanical Engineering course at Armour is to achieve the infinite. After finishing the course it may be said, without fear of contradiction, that the irresistible force has moved the immovable body. For it is without doubt the Mechanical Engineers are irresistible. They are the most overworked body of young men in the universe, and the responsibilities which they must assume are appalling. Yet over it all they retain smiling and happy faces, for they know that when they graduate the plumbers' union will receive them with open arms. They know that they can forget what they have learned and become bank presidents or professors, and if worst comes to worst they can pawn their watches and start a rival engineering school.

Still, over it all there is a tinge of sadness, of tragedy, for two-thirds of all the Mechanical Engineers, after receiving their diplomas for four years of nerve-racking, soul-killing work, soon waste away and die. There is a place in Heaven for them.

ELECTRICAL ENGINEERS

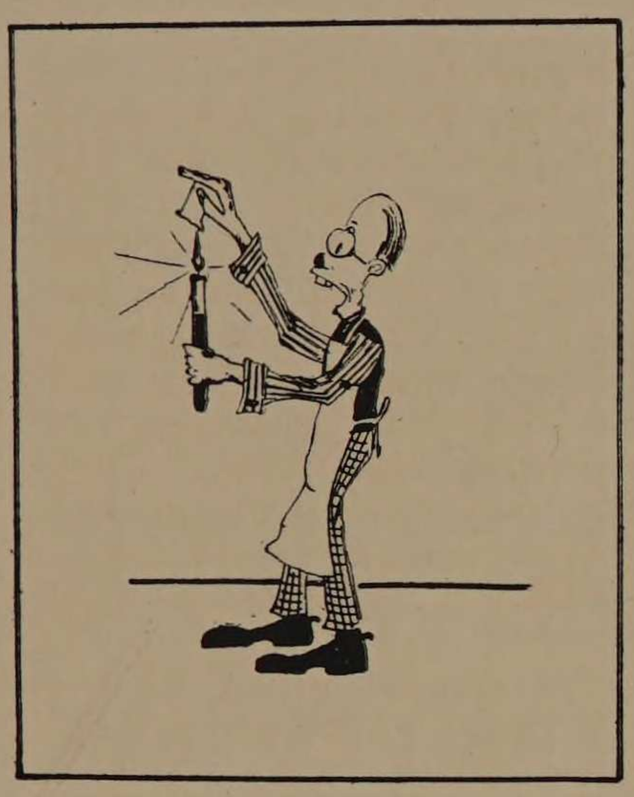


The next exhibit, ladies and gentlemen, is the Electrical Engineers. See their intelligent faces; note their self-assuring walk and their patronizing conversation. They know that they have picked out a snap course, and by pulling wires they can easily finish it in four years. Their greatest joy in life is to complain of overwork and to debate on the inferiority of the other courses. After they finish their Sophomore year, the electricals have absolutely nothing to do; consequently, they loaf about the school, bothering the other students with their foolish and silly questions. Of course, there are exceptions, but they are exceptional. They claim that electricity has to do with intangible forces, but the electricals are not intangible; they are painfully apparent.

As an afterword, let us say that if we have hurt anyone's feelings in the above, we beg their pardons and refer them to the apology on the front page of this section.

THE CIVIL ENGINEERS

The Civil Engineers are a jolly bunch of Italians. When they first enter "Old Armour" they are so clannish that they even have to spend the first summer together at summer camp, but by reaching the Senior year they don't even speak to each other in passing on the street. After graduation the Civil Engineers are thoroughly equipped to design bridges or dig sewers, working at whichever one pays them the most money. Generally, they follow the latter line of work, because it is more in demand and requires less talent. Nearly all of the Civils claim to be bridge designers, but we know for a fact that most of them could not even design the bridge that is found under a pool table. After they graduate they give up the foolish notion that they ever studied Civil Engineering and settle down to good, hard work in some pool room. Most of them die young, and the jails are full of Civil Engineers.



THE CHEMICAL ENGINEERS

The Chemical Engineers are a motley crowd. They do the dirty work of the school. Like the Architects, you can always tell a Chemical Engineer by his clothes or by his lack of clothes. After a few months in the Armour "lab," the chemical resembles the leopard, whose spots are copied by acid burns. But we will do the chemicals justice; one would never dream that a cigarette advertisement dancing around with the calendar girl at the Blackstone is a chemical after school hours. Very likely it isn't, but it is possible.

Most of the inspection trips made by the chemicals are visits to the great breweries, and without doubt this is the fascination of the chemical course at Armour.

Most of the chemicals are weak physically, but this is because they so seldom breathe air. However, six days a week in a foul-smelling, pungent laboratory would kill almost anything but a chemical.

In spite of all the abuse that is heaped upon them, the chemicals are a bunch of good fellows, and if you don't believe it, make a noise like an empty glass and you will soon find out.

THE FIRE PROTECS.

Another modest but overworked group of gentlemen is the "Fire Protecs." Not content with mere school hours, they rush down town and work all night at the "underwear lab." Then they dash home again, prepare their next day's work and begin the grind all over again.

They never eat nor sleep, and if you don't believe it, just look at them. We know that they are hard workers, because several of them have personally told us so. In regard to the line of work that they are pursuing, very little is known. The name seems to indicate that they protect fires, but if this is so, why do they make such an important course of pipe-fitting and plumbing? We cannot answer this, but we can refer you to some intelligent street cleaner or bartender, who probably knows all about Fire Protection Engineering.

After a Fire Protec receives his degree, he immediately proceeds to live down his evil reputation, and he invariably succeeds.

THE ARCHITECTS

The Architects are the social elite of the school; they are the Beau Brummels of Armour. Without them the college would be like an uncut diamond, a diamond in the rough. However, the polish lent by the Architects is not even skin-deep—merely clothes-deep. You can always tell an Architect by his clothes. Whenever you see a figure clothed in the latest style of young men's exterior adornment, the last word of an artist tailor, do not hesitate to throw a brick at it, for it is merely an Architect, and he will not pursue you. We understand that all of the Architects are known personally to the head waiters of the best cafes, etc. This is explained by the fact that most of the Architects used to be head waiters themselves and are not, therefore, averse to speaking to their former friends. However, let the above suffice; most of the Architects are human, and it cannot be doubted that they are a credit to the school.

HUMOR

THE INDUSTRIAL ARTS

We wish to extend our profuse thanks to the elevator boy for reminding us that we nearly overlooked the industrial artists. We don't know whether to use singular or plural here, but we will take a chance with the latter. There is very little known about them, but we imagine that they are rather chummy with the architects.

* * * * * * * *

The above punctuation marks represent a period of eight days. During this time we tried to find a member of the Industrial Arts course, but the search was fruitless. One might just as well try to find some school spirit at Armour. Doc Gunsaulus must have abolished them along with football and bicycle racing.

A farmer in a chemical laboratory strayed,
'Tis true but sad to tell—
He mixed some glycerine with NO_2
And it blew the J-2-L.

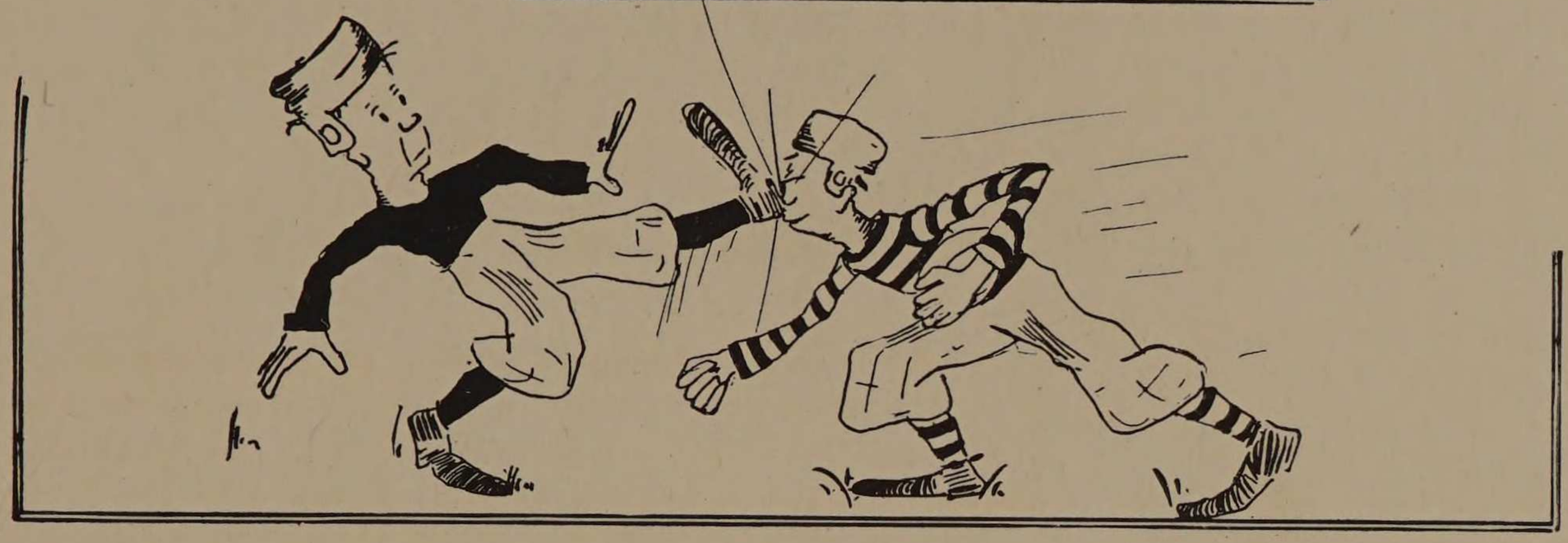
"You don't make very good music with that instrument," said the bystander to Strauch, with the bass drum, as the Armour band ceased to play.

"No," admitted Strauch, the pounder of the drum, "I know I don't; but I drown a heap of bad music."

King: "I intend to get married just as soon as I find one woman who is my exact opposite."

Strauch: "Good. I will introduce you to a handsome, intelligent and rich young lady friend of mine this evening."

ATHLETICS.



BASEBALL

The baseball team again started a year with the task of retaining the conference title which they won last year. "Long John," our famous coach, called out the veterans and recruits at the start of the season. A petition was circulated around to give the erstwhile pill-sluggers a real training trip to Palm Beach, with a cabaret all the way. This unanimous petition reached the Dean's office. Nuff said—no trip. Under the leadership of Archie Mease, this year's captain, our boys displayed the same old pep, and another championship was predicted. The veterans, Goorsky, Hanchette, Perlstein and Rook, became over-confident and lazy. Along came Recruits Hall and Conway. Soon we heard the well known play, Conway to Hall to Burns.

The race for the banner started, and in the end the championship depended on the final game with Pond Woods. The crucial moment came in the ninth inning with two men out and two men on base. Conway came up and could not find his own bat, and so, with the old harrowed bat, he only hit the first ball pitched, he only hit the Mission door. The cup was ours, and from its looks we think it was used for a few tall ones—yes, it was Canal 9.

BASKETBALL

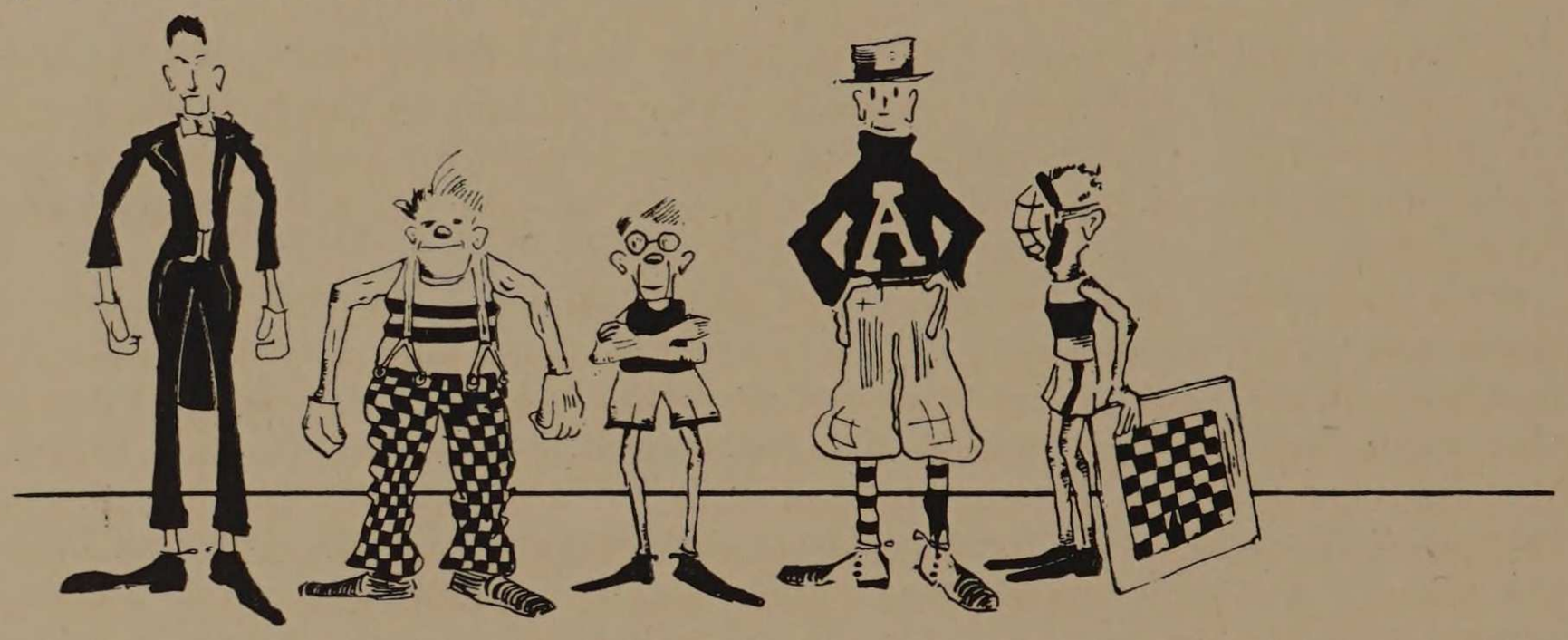
Our basketball season for this year was the most lamentable, for several reasons. The championships for the last five years have been won by Armour, and now the "Little Five" is called "Armour's Five." This year we had plenty of material, in Miller, Chappel, Katz, Northelfer, Rice, Hankin and Schreiner. All of these men have made several "A's" at Armour and another championship was assured. These candidates practiced strenuously and on this account they were in first-class condition when the season began. At this stage of the championship they defeated Fox, Yarmouth and Pond Woods in succession. Then they fixed our hopes when Schreiner and Hankin were injured in the chemical lab.; Northelfer signed a contract to appear as Aunie Wrennington's dancing partner in the "Follies"; Rice dropped out of school to start his career as a fireman, while Miller and Chappel joined the life class at the Art Institute. Good night, nurse, the "Chief" got the "Red," and you know the rest—a tie with Pond's Woods for the last place in the spurt for the banner.

TRACK

The track team of this year represented our usual hot-dog aggregation. At a meeting of the board of trustees, seven demons were elected to represent old Armour. The athletes were H. E. Smith and H. Bland in the sprints. Prochaska and Goorskey in the middle distances; Friedman in the mile, and Burda and Haines in the field events. Alter, much against his will, made the eighth member of the team, being forced to try out by the order of the Deans.

Coach Sherger started his men right out at the beginning of the season by having them chase the "Flames" up and down Michigan Avenue. Workouts every Friday, Saturday and Sunday evenings were held at the Fox Trot Club to get the boys in the so-called pink of condition state. They were that, all right, especially one part of their physogue.

The first meet of the season was an overwhelming victory, the victims being the Hard Egg Athletic Club of Vaporville. The next meeting was a different story, as the Varsity was defeated by the Midville Sunday School. This took the "pep" out of the boys and everyone of them quit; consequently we do not have to write any more. I suppose you think we are sorry.



CHESS AND CHECKER CLUB

The Chess and Checker Club started this year without its famous president, Mr. Schwarz, the erstwhile Armour chess and checker bug. This club has not been heard of North, with the exception of Schwarze's exploits, but we attended their last meeting to get some of their history, as it were.

Pinstein showed us how, in a powa, he gave a King for a Queen and then somebody copped the Queen. Tough luck, old top. Pimstein is now the club champion at chess, while Prochaska is the checker champion.

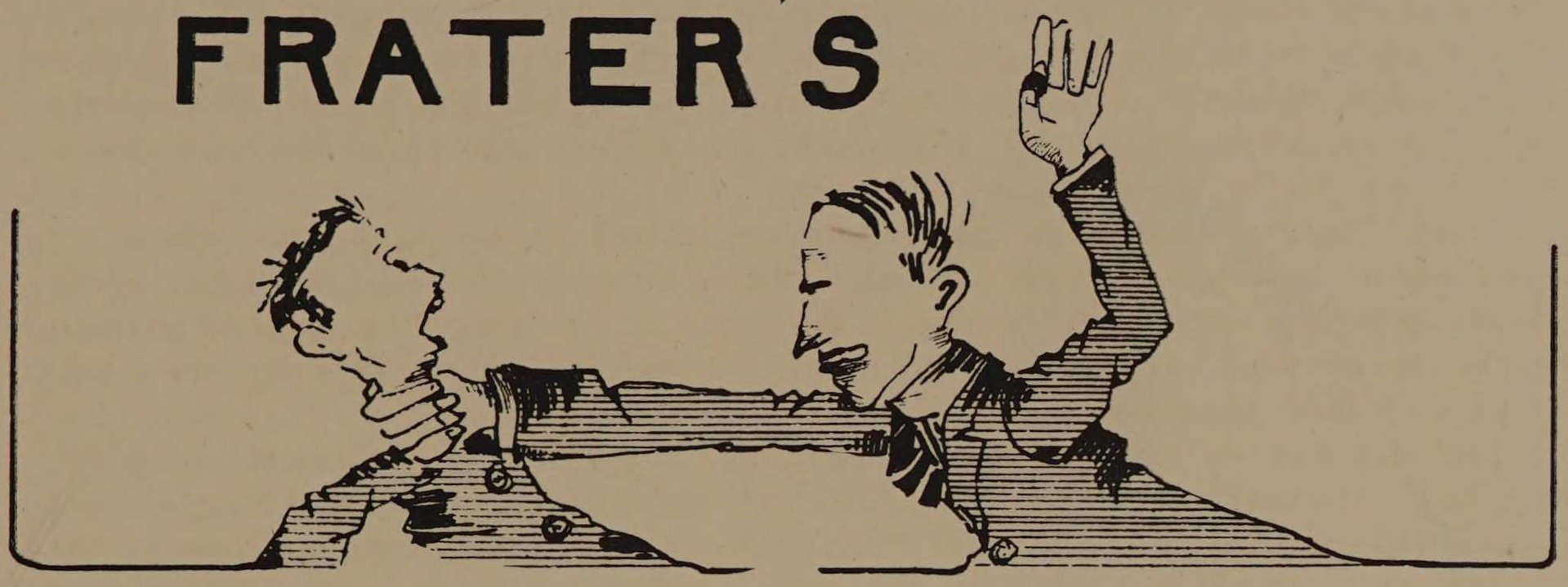
We saw the final match for the chess championship between Pinstein and L. McHugh, who, in his wild moments, edits a few or two. Pinstein played a Ruy Lopez and Mac tried to stop him with an El Rai Tan. It simply was a retreat, probably because a Lopez cist two bits and you can get three Rai Tans for that price. No chance to beat him, Mac.

These games were very interesting, and we have inserted on the next page a few problems for you to solve. Mac had the white and Pimstein the black.

Officers Next Year

PROCHASKA	President
NOTHELFER	Vice-President
PORTO	Secretary and Treasurer

FRATER'S



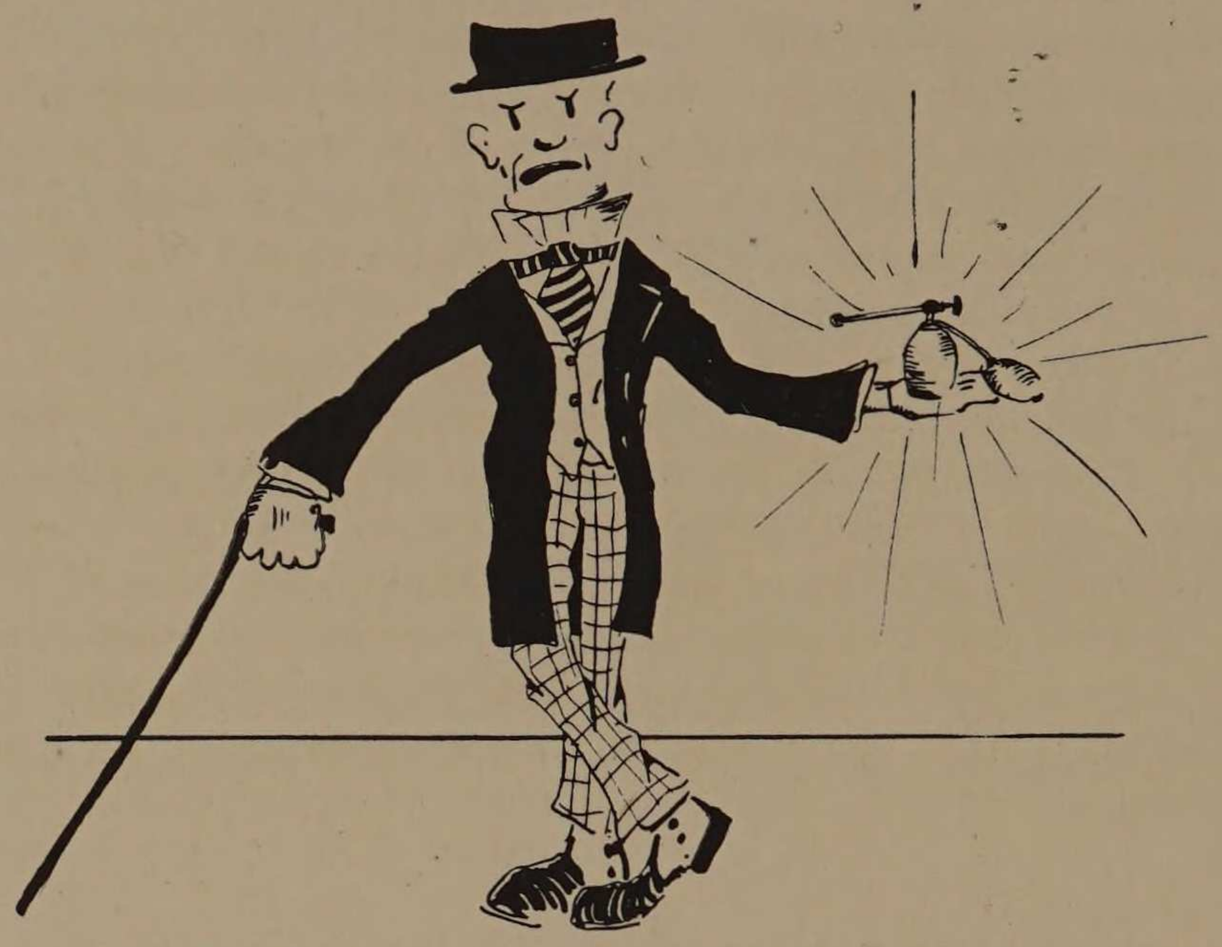
Although every one knows that there are more fraternities to the square inch at Armour than at any other fraternity infested school in America, and although it is just about as much honor to be a fraternity man at Armour as it is to be a member of the human race, we take pleasure in introducing to you the members of Pi Beta Tau.

This fraternity is so secret in its organization that not until recently has it adopted the policy of appearing in the more important and exclusive year books of American colleges, such as the Super-Cycle. This powerful organization is composed of seven chapters and each chapter of seven men, because of which custom this fraternity is sometimes known as the "Mystical Seven." Although the details and workings of this association will ever be maintained with deathlike secrecy, the motto has been made public. It reads: "Pretty Bum Tanks," and it has often been aptly illustrated.

The awesome ambition to be a "Pie-Bate" arises in the heart of every college youth, but few ever attain that overwhelming distinction. The membership is based on talent and physical beauty, which of course leaves out all of the faculty members. The pin is never exposed, but is always worn on the underwear, and most of all, the name, Pi Beta Tau, is never spoken above a whisper.

HUMOR

AN INTERVIEW WITH THE INVENTOR OF THE ATOMIZER



Being in need of "copy," the managing editor gave me this annoying assignment: "Go out and interview Harold Bruce, the inventor of the Atomizer." This astounding assignment puzzled me for a moment, for, as you know, the fame of H. Bruce, C.Q.D., Q.E.D., S.O.S., B.V.D., C.O.D., had spread world-wide. He had just recently evolved in his mind an instrument known as the "Atomizer," by means of which he has been able to weigh the earth. Think of the wonders of the human intellect, of the powers of the brain by which a frail human can, with a simple contrivance weighing less than a pound, actually put this old planet of ours on the weighing scales and determine its mass, e'en though it be millions of tons. As I stated, the magnitude of this assignment nearly "floored" me, but, gathering courage, I set out for his abode.

I was met at the door by a shrewd looking member of the opposite sex—I advisedly omit the "gentler." After estimating my negotiable value to the last fraction of a pennyweight, she icily informed me that the "upper third floor back was not for rent." Somewhat abashed at this estimation of my financial worth, I let her know that my mission was not to rent rooms, but to see the honorable "Atomizician."

"But he has left," she replied.

"No, I think not," I ventured.

"Yes, there is some of his magic stuff which I keep for my board bill. These magicians are——"

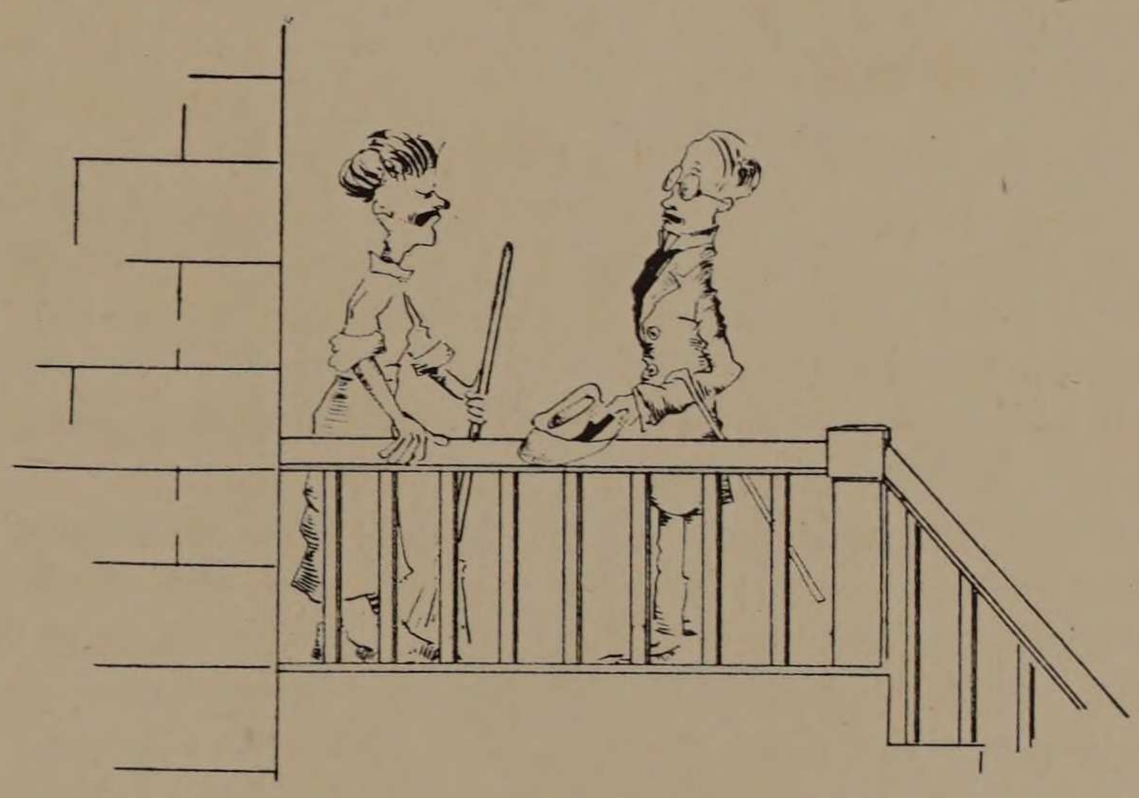
"I didn't say 'magician!' 'Atomizician!' Atomizer! Is it possible you do not know the meaning of this term? Please let me see Harold Bruce."

They say that true genius is characterized by extreme simplicity, and only the shammers "put on the dog." If such be true, here was a genius of the first order. In this laboratory there was no complicated array of test tubes, retorts, crucibles, transformers, etc., which are generally associated in our minds with all great scientists. This home of genius was a model of simplicity. On the table in the center of the room was a leather-covered sphere, evidently a model of our own terra-firma, which he had just recently placed on the scales of his atomic balance. In a corner of the room was a simple lever, rounded to a tapering handle. On the walls were numerous likenesses of men in bloomer trousers, swinging these levers at the leather-covered spheres. The meaning of this strange performance was a puzzle to me for a time. I could not quite grasp the idea of striking the earth with a lever, but my slow, unimaginative brain, after labor, came to a satisfactory conclusion. This man was testing the levers for the center of percussion. A rather novel method, I thought, but surely effective.

And now for the "Atomizician" himself. His garb was simple, a black knit sweater coat with a large gold "A" emblazoned on the front. My brain was working faster now and I immediately saw the connection, "A," atomizer. The learned scientist treated me in a most cordial manner, but somewhat abruptly, "How's the boy?" If it

were anybody else, I would have resented this as a reflection on my maturity, but in this case I decided to pass it up, and replied, "Quite well, thank you. How are you?" "Sick in bed," he replied. "I've got lumbago of the brain." This unfortunate predicament certainly elicited my sympathy, and I proceeded to tell him so in rather eloquent words, if I do say so myself. I was cut short by the curt reply, "Quit yer kiddin'." I assured the professor that I had no such intention and, to avoid a dispute, I thought it best to proceed at once to my delicate assignment.

Before I could recall the first question of my carefully planned interview, I was puzzled by the query, "Have you got the 'makin's?" I was speechless for a moment or two, but finally stammered, "I believe I have the makings of a literary genius, if this is the profession to which you refer." I could see that this answer did not wholly satisfy my subject, who went through some queer antics of tapping the base of his cerebellum and emitting a low, hollow sound through his mouth, occasionally remarking that there was no one at home, although the house seemed well populated. I could not account for this strange action, but I have heard that all of the really great are just a little eccentric.



I decided to pass this up, and put to him the first question of my interview. "And now, Mr. Bruce, would you be good enough to tell me how you came to make this wonderful discovery?"

"Which one?" he queried.

"Why, your noted one," I answered.

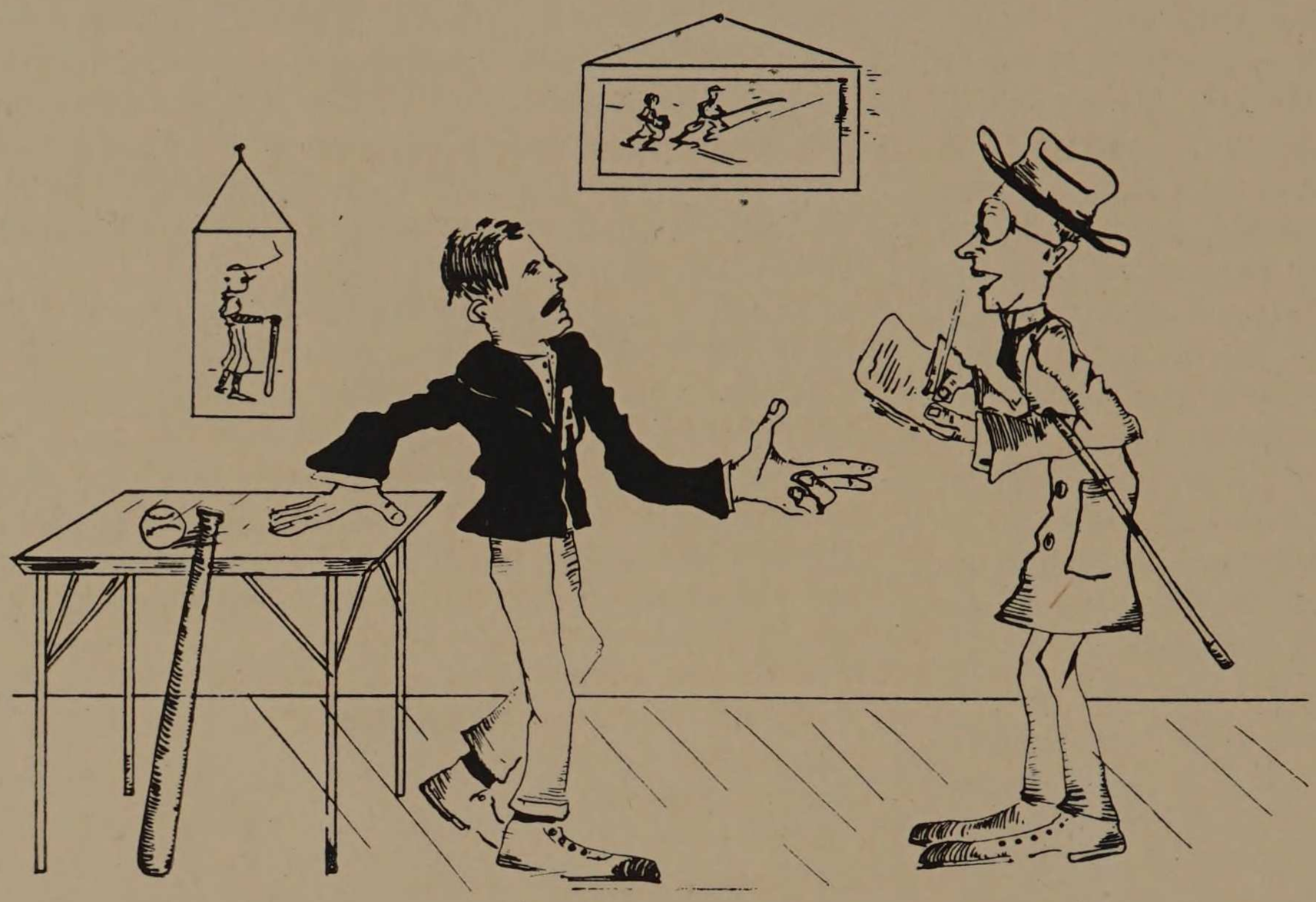
This seemed to please him, as he invited me to "wear out a chair," and stated as follows: "Well, you see, I saw this bird had speed to burn, and the old pill was breezin' by the place at sixty mile an hour."

I assured him that I could readily perceive the difficulties he must have encountered in taking his measurements when the earth was revolving so rapidly; but he did not seem to mind my interrupton, continuing right on in his allegorical account, which I am sure will greatly interest you.

"Our men first went up to the plate, hung the stick on their shoulder and just hoped for free transportation—no chance of connecting. If they did git on, they died in their tracks—couldn't even sacrifice 'em in."

I was astounded at this statement, as I had not been aware that there had been any casualties attending the discovery. I wondered why this fact had not come out before, but I attributed it to the strict censorship regarding all details, and thought best not to again interrupt the inventor. But the thought of these heroic souls dying in the tracks unnerved me, and I almost fainted.

HUMOR



The "Atomazician" seemed to treat this morbid subject as an everyday occurrence and continued with his narration: "I goes up to John and I says, 'That bird's got some wing; we've got to wait him out.'"

This cunning subterfuge quite fascinated me. The idea of using a bird in weighing the earth seemed so original. I suppose he attached one end of the atomizer to the bird's body and fastened the other end to the earth, much as a spring balance. Surely a novel idea! The bird was so fleet of wing that the only method they had of capturing it was to wait until it was tired out. Again I was about to give voice to my feelings of admiration, but something told me to control myself, and the inventor continued:

"So we just went up there with a stick and a prayer, and let him shoot 'em at us. A few of us flied up, but no one could connect."

Ah! The plot thickens. For the benefit of my readers, I will have to explain that when excited the Hon. "Atomazician" forgets his rules of English. He means "flew up," but this mistake must be attributed to the stress under which he was working. A few of his assistants flew up, presumably in aeroplanes, to give battle to this bird of prey. It must have been an eagle! I had already looked upon inventors as a most unromantic, mathematical lot, but here was an inventive genius, and how my romantic blood boiled! Think of it! Man going up in wings to conquer a bird of prey, to harness and use it as an instrument in weighing the mighty universe.

"Along about the eighth (the eighth of November, I believe, all of the experiments were made in that month) I saw that he was beginning to slow up, and so I shouted to the bench, 'Come on, fellows, the old bird's losing his pepper. We've got him now.'"

This account so thrilled me that I could contain myself no longer, but shouted, "Why didn't you use salt to catch him? That's better than pepper to put on his tail."

For the complete account of this epoch-making invention, I must refer my readers to the current technical journals. It seems that my reminding him of his mistake temporarily unbalanced his mind, as he began acting violently. I have entirely recovered, however, but naturally am not able to give a complete account of the invention.

WHAT WOULD HAPPEN TO ARMOUR IF:

Rice lost his smile?
King went to one of our dances?
Wollaston flunked in a subject?
Tierney lost a leg?
Maguire stopped golfing?
Cowles finished Electrical Measurements?
Starkel moved from Wilmette?
Roberts didn't have the "Red"?
Foschinbaur became conscientious?
Conway bought his own baseball bat?
Andre advocated class dances and banquets?
Ingraham lost his "Jaaz Music" ablity?
Tronvig did not welcome work?
Burns got a haircut?
Kula failed to get the Ca1C.?
Bruce's famous atomizer weighed the earth?
Mellor lost his Caruso voice?
Summerfield got thin?
Hockenberger had a morning class?
Bland had a dirty collar?
LeVally could not sing?
Carr was a dead one?
"Red" Wallbrecht bought a silk hat?
Morse lost his dry wit?
Rook took a good picture?
McHugh put out a good edition of the Engineer?
Schulze ate his own bread?
Mann wasn't a crepehanger?
Hall parted company with Conway?
Wilcox missed a dance?
Byanskas didn't "Play at our dances."
One could argue with Grasse?
Hanchette left school to attend Columbia?
Katzinger altered and became an athlete?
Strauch laughed at his own jokes?
Marvin didn't smoke his pipe between classes?
Stew Miller quit chewing tobacco?
Vernon Castle could see Nothelfer dance?
Mease got a divorce from Goorskey?

HUMOR

THE LURE OF ARMOUR

As I was sitting in my hammock (all alone) one beautiful eve. last summer, I saw the moon begin to rise above the treetops. The beauty of the scene and the "speed" of that home town of mine 'way down in Indiana inspired me. I began to rehearse my one year just past, spent at gay old Armour, when low and behold! something told me I was a poet. Being very superstitious, I picked up my old Chem. notebook (now being used by my sister for kitchen receipts) and began to write. I wrote as if something was calling to hasten away the summer months, and this is what was calling:

In an old Northside beer garden, lookin' raptly o'er a stein,
I can see myself a-sittin', a-tryin' to make things shine;
For the wind is from the lakeside, and the fox-trot belles seem to say,
Come you back, you damphool student, come you back to old Broadway.
Come you back to old Broadway, where the bathing beaches lay—
Can't you hear the motors chuggin' from the park to old Broadway?
On the road to old Broadway, where the Federal Leaguers play,
And the "L" comes past like thunder out Edgewater, 'cross the way;
Ship me somewhere east of Oak Park, where the ground don't never burst,
Where there ain't no jitney buses, and the town ain't run by Hearst.
For Chicago's voice is callin', and it's there that I would be—
In an old Northside beer garden, where they've got something to see.

In Memoriam.

P. S.—Merely small-town stuff.

CAMPUS SCENES

HUMOR

GOLF REVIEW

There's no golf for Christmas morning,
When the course is white with snow;
But there's heaps of fun in talking
Of the scores of long ago.

They all wore their knickerbockers,
Of course, with their variegated hose;
And where they got their patterns
For their jackets, no one knows.

Their hats were green, their shirts were blue,
Their necks were red, and all
Because they had gone outdoors to chase
Around and hit a ball.

We recall when Reid was stymied,
Where Smith holes a mashie shot;
All the luck that came to Smarty,
All our skill where luck was not.

And the alibis, fast falling,
Rise up always with a wail,
Lend a sad, yet piquant, interest
To the never-failing tale.

So it was; Krathwohl's lamenting
All his luck that went astray—
Broken driver, spoon, and mashie—
Swept his championship hopes away.

Even Wilcox hastes to tell us
How he failed at Jackson Park—
Not his game, but auto honking—
Lost that championship in the dark.

There are birds, too, fond of singing
O'er the green bunker and tree;
And they sing whene'er there's putting—
They have done it unto me.

Temperament is naught to me,
For it I care scarce a straw—
Give me one more chance at Charlie;
Oh, please—give me Leigh in the draw.

(*Continued*)

GOLF REVIEW.—*Continued*

Then the kindly laddy tells us
Of the imp whose name is freak,
Breaking laws of mud mechanics,
Bounced his ball into the creek.

From old King we hear a sighing,
Just one strange, mysterious lie,
Never seen before or after,
Kept that last hole from a tie."

Yes, it's sad; bad luck pursued them,
Stymmie, long grass, rotten lie—
Every man save "Short" Maguire
Has a useful alibi.

—*H. B. M., '17.*

FOLLIES OF 1915

Professor Leigh's removing mud from his ball when on a putting green.

"Pussy Foot" plays an awful game of golf. One day he visited the Chicago Golf Club, and after an especially miserable showing of inaptness, he hung down his driver in disgust. "Caddy," he said, addressing the youth that stood silently alongside, "that was awful, wasn't it?"

"Pretty bad, sir," stated the youth.

"I freely confess that I am the worst golfer in the world," continued Pussy.

"Oh, I wouldn't say that, sir," said the caddy soothingly.

"Did you ever see a worse player than I am."

"No, sir, I never did," confessed the boy truthfully. "But some of the other boys were telling me yesterday of a fellow who must be a worse player than you are. They said that his name was Krathwohl."

A MO(U)RNING IN ENGLISH

Time: Any Monday or Wednesday at 9:30.

Place: Professor Cooper's English class room A.

Enter herald announcing arrival of prexy. "Nix on the rough stuff, bunch, here comes his 'nibs.'"

Enter Professor Cooper, who proceeds at once to calling the roll, after which the real plot begins.

Prof. Cooper: "And now, Mr. Jones, what is the theme of Beowulf?"

Mr. J. looks blankly into space for some minutes, shifts uneasily in his seat and finally a brilliant idea arrives. "Well, Professor, I turned that theme in, but I did not get it back for correction."

Business of registering vivid expressions of merriments by the rest of the class.

Prof. C.: "Very unfortunate, Mr. Jones, very unfortunate. I must have filed that masterpiece away with my collection of Shakespeare's manuscripts, mistaking it for one of the 'Bard's.' And now, gentlemen, we will turn to our study of poetry. As you young gentlemen all know well, the Greek trochee is derived from the African version of the dactylic pentameter of the early Hindu. And now, Mr. Jones, perhaps you are better acquainted with the art of rhyme. What is the difference between the 'end stop' as distinguished from the 'run on' type of poetry?"

Mr. Jones mumbled something to the effect that the question was a little twisted and that an "end run" wasn't good football on a muddy field, but that the "end stop" was a new one on him and he'd fall for the joke. Business of more laughing and more study of the art of expressing one's self in type.

THE ABUSE OF POWER

(*A la Shakespeare.*)

O, it is excellent
To have a Prof.'s strength:
But tyrannous
To use it as a Prof.

Be merry, friend, and take not hard to mind,
Nor fill thy heart with wretched quiz's sorrow;
To Profs. be humble, to thy friend be kind,
And with thy neighbor gladly lend and borrow—
He "crammed" last night—it may be you tomorrow.

"Pa" Phillips: "Now, Newman, you may go to the board."

"Buck," with a heavy heart and laging spirit, accomplishes this fateful journey, expecting at every step to be met by "Pa's" broadside: "Given earth at a uniform slope behind a retaining wall, to determine, well, to determine everything, from the latest message from Mars to the equation of the fourth dimension." Meekly and pleadingly, like an unshorn lamb about to be converted into mutton, Newman looks up at the executioner, who, beneath a cold exterior, has a really warm interior (no, he does not drink bugjuice, he wears flannels). Seeing the despair of the poor vassal, he takes pity and decides to end the misery at once by ordering the culprit to "construct the auxiliary figure of the ellipse of stress for earth. Enough, mild reader, this is no place for merriment! Bow your head and bend your knee! Even now they are removing the last earthly semblages of this once promising student.

P. S.—Title: "A Tragedy in 'Earthworks.'"

HUMOR

I remember, I remember
When bustles were in style;
When men dyed their mustaches,
And greased their hair with "ile."

I remember mohair sofas,
And flowers made of wax,
And tables topped with marble,
And rakish two-wheeled hacks.

I remember those plush albums
That, when brought into play,
Were better than a bailiff
To drive ones' guests away.

And I remember, further—
Listen, this is a treat—
When the humor of this Cycle
Was impossible to beat.

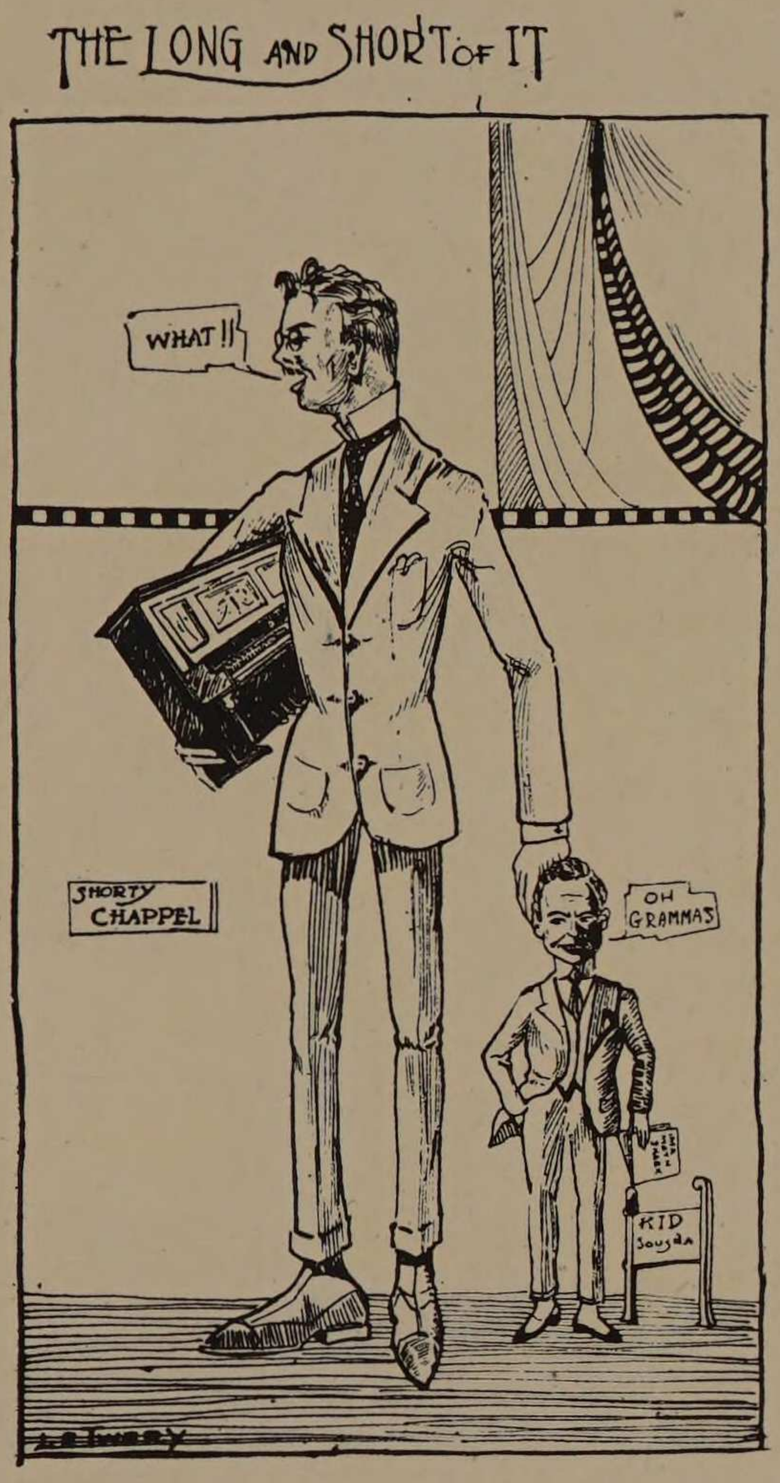
Schulze: "We were out in the machine yesterday."
Burns: "Yes?"
Schulze: "Came to a wide stream we could not ford."
Burns: "No bridge?"
Schulze: "No."
Burns: "Well, what did you do?"
Schulze: "Just sat there and thought it over."

Goorskey: "Good news, Mease, we aren't going to have chem. breakage bills any longer."
Mease: "Why not?"
Goorskey: "Because they're long enough now."

Simpson: "I think I'm quite a musician."
Mouat: "You ought to be with Wagner."
Simpson: "Why, he's dead."
Mouat: "I know it."

Evans: "I am going to have a swell feed in the room tonight."
————: "I'll be there."
Evans: "All right; loan me a quarter to buy some cookies. You get some milk and cheese and we'll have a rarebit."

HUMOR



There is a man at Armour with a neck fifty inches long,
And every note, if he could sing, would sound like half a song.
I bet his food tastes good to him—like eating in a dream—
There's a dollar's worth of pleasure in a jitney's worth of cream.
When something happens far away, he needn't be right in it,
For he can stretch his rubber neck and see it in a minute.
But the poor young man has troubles when he goes to see a show—
He must see it from the gallery, and pay to sit below.

A MOMENT TO REMEMBER

It was the proudest moment of her life.

Not that she had gone through her exams with great credit, and not because she had been complimented by her instructors for improvement in scholarship. The cause of her pride was far removed from any such thing as a triumph won through attention to her studies.

Nor was she jubilant because of the receipt of money from home.

Nobody, so far as she knew, had ever expressed the opinion that she was the most beautiful girl in the fashionable college for young ladies (name given on request), and she had won no praise for generosity, for graciousness or for exhibiting unusual talent of any kind.

Yet it was the proudest moment of her life.

It was Sunday morning. Nearly 3,000 girls were assembled in chapel, and beside her sat Spike Mellor, whom she had persuaded to attend the services. He had offered fifty-eight excuses, all of which she had considered trivial. He had coaxed and he had begged, but to no purpose. There he sat behind her.

He would have been glad to give his teeth for the privilege of being sixty-eight miles away and safe in the dormitory where he belonged.

Three thousand girls were twisting and stretching their necks because he was where he was. Six thousand eyes were looking holes into his shriveled and despicable soul. He felt himself to be the most abject thing alive.

You have dreamed that disturbing dream in which you find yourself deprived of your clothes and thrust suddenly in front of a vast crowd of people.

You remember the agony of it.

Well, Spike felt just like that.

He was the only male person in the vast auditorium.

And she had him.

It was the proudest moment of her life.

HUMOR

MIND AND MATTER

"It's better to be up and doing than to be down and done."—*Prof. Simp.*

P. J. McGrath made up in will power what he lacked in muscle. Undaunted by repeated failures, he made up his mighty mind to take a course in physical training and thus train his body to carry out this thing which his will had resolved on.

The first week he spent four hours a day running up and down stairs, three steps at a time to strengthen the muscles of his legs.

The next week, to make his back strong, he took daily ten-mile walks bearing a keg of root-beer on his shoulders.

In order to toughen the muscles of his arms and chest, he spent the third week on his hands and toes, raising and lowering himself from and to the floor, stopping only for meals and a rapid survey of the evening paper.

The fourth and last week he devoted to the muscles of his hands. Nine thousand times a day he violently opened them and shut them again, at the same time developing his neck by craning his head forward and back twice a second.

At last he felt ready for the great test.

Eureka!

That night he buttoned the Piccadilly collar of his full-dress suit without assistance.

THE BLUFF

The man who bluffs his way along may flourish for awhile;
His line of credit may be strong and he may live in style;
But let him not puff up with pride, for some day, after all,
The bluffer will hand out a bluff that is to cause his fall;
His bluff some better bluffer still will be disposed to call.

HUMOR

It was on the way home from one of those memorable "Armour" dances, and they were standing on the "L" platform waiting for an Evanston train. Eventually one came along in which standing room was at a decidedly high premium, as it usually is.

"Do you think that we can squeeze in this crowded car?" asked the polite but timid Ralph Earl to his fair feminine friend.

"Maybe, Ralph," replied the 'sweet young thing,' "but don't you think we had better wait until we get home?"

THE MADNESS OF "HAMLET"

Prof. Smart, at a dinner in Oak Park, contributed a story touching the old question of the sanity of "Hamlet."

"One morning in the West," he said, "I met an old scholar of mine from Armour, and in the course of the conversation I asked him where he had been the night before."

" 'I went,' my young friend replied, 'to see So-and-So's "Hamlet." '

"Did you?" said I. "Tell me, do you think 'Hamlet' was mad?"

" 'I certainly do,' said he. 'There wasn't a hundred dollars in the house.' "

"LUCK"

Dean Monin's definition of luck is this: Luck is "Getting up at six o'clock in——" and so on. We all know the rest, so it will not be repeated here.

A much more popular definition is this: "Luck is having nothing but a fork when there is nothing but soup to be eaten."

Which reminds us, the president of this Junior class is also the humor editor of this edition. Aren't some people good in all kinds of places, though?

Prof. Finnegan, while lecturing on daily water-load curves, spoke of the peak on Monday, due to the so-called wash-day.

Roberts expostulated, "How about the little old peak on Saturday night?"

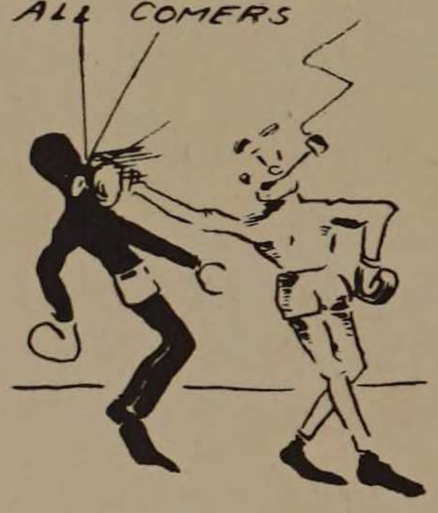
HUMOR

IN 10 YEARS

BYANSKAS WILL SHOW 'EM ALL UP

ESTES MANN WILL BE BUSY COUNTING HIS MONEY

ECHLIN WILL TAKE ALL COMERS



WHO WILL DO THE POST-GRADUATE WORK DOWN-STATE ?

?

EXTRA

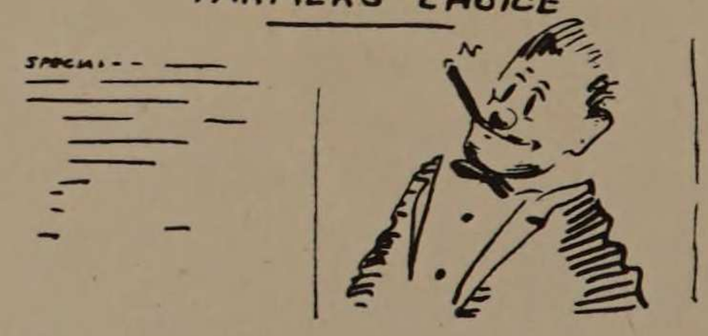
SKINNER, WILL KNOCK 'EM ALL DEAD

HAHN WILL BE SOME CABARET ARTIST

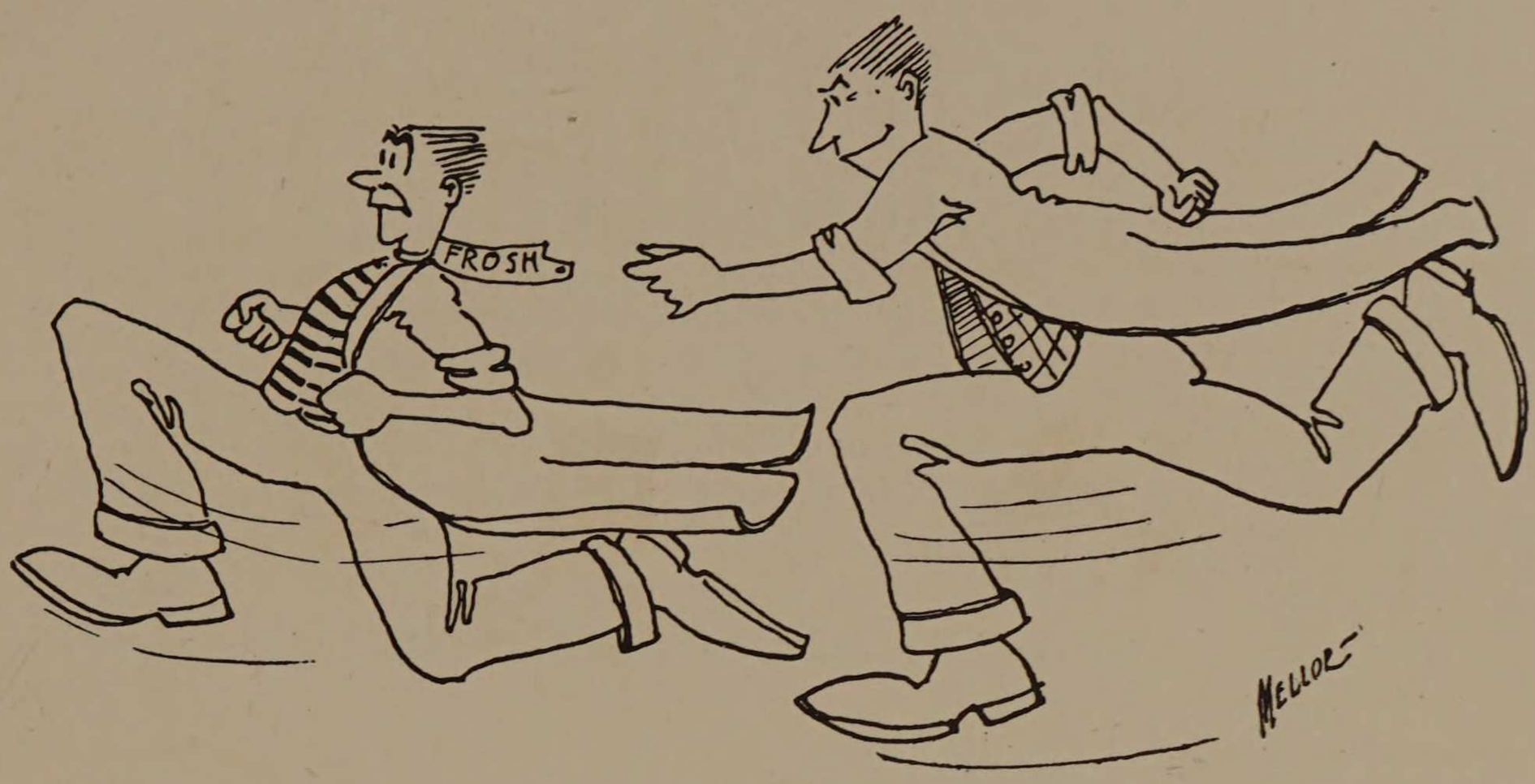
DURANT WINS — ELECTION —

MAYOR OF QUINCY

FARMER'S CHOICE



HUMOR



DISCOVERY

(*Freshman Essay.*)

The science of discovery was discovered by a guy named Adam. He discovered an apple, but found that it was a lemon. His progeny have been picking lemons ever since.

Job discovered a great many things, but we have no space to enumerate them. Besides, Job was so busy scratching that he had no time to put them in pamphlet form.

Noah discovered rain. At least, he was the first man in history who knew enough to come in out of the wet.

Joshua discovered that it pays to advertise. He sent out a lot of solicitors to blow their horns, and straightway a whole city fell for it.

Nero discovered the power of music. He played one tune and Rome burned up. If he were to try it today, Rome would burn up again.

Columbus discovered America and died in jail. A lot of monuments were erected in his honor a few hundred years later, but Chris did not appreciate them. He would have preferred a few plates of ham and eggs. Some men are never satisfied.

We see from the above data that a discoverer never gets his just deserts. If such were the case, what would happen to the discoverers of wrestling, six-day racing, motorcycling, and kindred sports? We shudder to think of it.

Furthermore, we crave the acquaintance of the guy who discovered poker. We'd like to meet him in a dark alley.

THE FRESHMAN

There is a young Freshie, 'tis said,
Who consists of much mettle and head;
But his mettle, alas!
Consists only of brass,
With the three years of polish ahead.

WE DON'T MEAN ALL WE SAY

Life is a joke,
All things show it;
Look at the Freshman—
Then you know it.

Again—
Some are tall, and some are small,
Some are very lean;
Some are fat—worse than that—
Most of them are green.

There was a young Freshman who cried "Bawthuh!
"My wrist watch is pretty, but rawthuh
Than rouse controvussy
On youahs truly, Puhssy,
I'll give it away to anotha."

An alumnus said to me one day
That in school the Seniors were kings;
He also said that the Juniors
Were just from the Sophomore rings.
We know that the present Sophomores
Last year were Freshmen of worth,
While the Freshmen, Oh, the poor Freshmen
Are simply the scum of the earth.

—H. B. M., '17.

"That Prof. gave me D———; what did he give you?"
"He gave me H———."

SOPHOMORE CLASS HUMOR

Why are Armour Institute students like "Old English and Scottish Ballads?"

Because some have "Cyclical Tendencies" while others have not.

Dr. Scherger: "The winged bull had the head of a man, the wings of an eagle, and the body of a bull."

Student: "Mostly bull, eh!"

Physics Exam.: "What is absolute zero?"

Hullinger: "Where PV equals a constant."

Vogdes: "Well, Royce, how did you like Prof. Leigh's joke this morning?"

Royce: "Say, are we supposed to be taking Calculus or a course in joke writing? I don't see what those jokes have to do with Calculus."

Vogdes: "Why, isn't Calculus a study of limits and infinitesimals?"

Royce: "Sure."

Vogdes: "Well. aren't Leigh's jokes the limit?"

THE PNEUMOGASTRIC KID

"William," said his father, "pull down your trouser legs; you're a big boy now and I am going to send you to college."

"To college, father?" gritted William.

(Try that on your gritter.)

"Yes, my son, to college. You'll be a curly wolf there. You have inherited all your father's good looks, so the co-eds will probably run you to death. And you have no musical talent, so you'll make the glee club. And you're no good at football, so you'll not be protested for professionalism if you should make the varsity. Go pack your sport shirt and mandolin and toothpick and beat it for the knowledge factory I have selected for thee."

Twenty-four hours later William Gazoonk enrolled at Oskiwowwow U. And thirty-six hours later (two nights and a day, or two days and a night—take your choice) he met Professor Swank of the Department of Applied Phisology. This was the turning point of his whole life.

(If the compositor will kindly drop a few Elinor Glyn asterisks here we'll pass on to the next chapter.)

* * * * * * * * * * * * *

(Thank you.)

"We are considering the pneumogastric nerve in the lesson to-day," opened Professor Swank. "It extends along the inferior maxilary and is continuous to the whichit barely removed from the whatsit—Denny Morrison, I'm sorry we're keeping you up—and has two or three major functions—Harry Hebner, don't punch holes in the window pane with your pencil. Pencils cost money, and you are annoying Denny Morrison, who is trying to sleep. A slight pressure on the proper part of this nerve will cause the victim to lose consciousness—of course, if you'd rather discuss the Junior Prom, Mike Boyle, I'll let you have the floor—I repeat, if this nerve is struck violently or steady pressure is brought to bear upon it, the effect is very much like that of an anesthetic. The secret of the pneumogastric nerve is not known except to a very few—I'll be finished in a minute, Mr. Lynch, when you can practice your football formations without interruption. Now, Mr. William Gazoonk, will you tell the class what the pneumogastric nerve is?"

"The pneumogastric nerve is a nerve in the jaw which won't stand being pounded. If it is walloped, its owner kisses the sawdust—good night—good bye—good luck——"

"Correct, if inelegantly phrased. Class is dismissed."

(A few more stars, operator, please—thank you.)

HUMOR

DEDUCTION, WATSON

How doth the little beeveedee
    Enjoy the autumn breezes?
We may at least surmise that he
    Is conscious of his kneeses.

The nineteen-sixteen robber bold,
With heart of gold,
Stands in the cold,
Where other robbers oft have rolled
    The pilgrim for his well-worn purse.
With manners mild and methods new
He begs of you
To come on through,
And takes your cash before it's due,
    With soothing words—which might
      be worse.

He does not slam you on the head
And leave you dead;
He's too well read—
He merely holds you up instead,
    And tries to treat you straight and
      square.

And after he has counted o'er
What he came for,
And hunts for more,
He does not leave you pained and sore,
    But hands you back 10 cents for
      fare!

When in the morning I get up,
    The cold air gives me quite a shock;
I seem to drain a bitter cup,
    And make dire threats against the
    clock,
That wears upon its evil face
    A smug and sanctimonious leer,
And clacks about the sure disgrace
    Of sluggards who all labor fear.

And in the evening, when I sit,
    With pipe and book and joy ahead,
That demon ticks: "You'd better quit,
    All honest folk are now in bed."
Some day I'm going to take a gun
    And shoot that clock and run away,
And then, perhaps, I'll have some fun--
    Sit up all night and sleep all day.

There was an old lady from Phillie
Whose folks made her dance, willy-nilly.
    She trotted and tangoed,
    And almost fandangoed,
And cried, "Ain't it great to be silly?"

"Let me print a kiss upon your lips?"
    She nodded her sweet permission;
We started to press, and I rather guess
    That we printed a full edition.

I stole a kiss the other night—
    My conscience hurts, alack!
I think I'll go again to-night
And put the darned thing back.

HUMOR

Speaking of the Art Institute, some one was reminded of a sacreligious person who entered the building with a lighted cigar between his teeth. "Doc Gunsaulus," said the narrator, "rushed up and took the cigar away from him. An hour or so later I saw the Doc in the University Club smoking a big, black cigar."

"The same one?" queried Roy McWilliams.

A NEW PHONE, BUT THE OLD STALL

He fiercely shook the wireless phone,
As one whose heart was tried full sore,
And shouted in a savage tone:
"Hey! Madagascar 9-6-4!
You've kept me waiting here a week,
Wake up, there! Get a move, I say!
Hi! What's the matter, can't you speak?
I want that number right away."
The weary central maiden sighed;
Men always picked, it seemed, on her,
But without rancor, she replied:
"The atmosphere is busy, sir!"

Professor Freud had asked a question of Cowles in Chemical Hazards, and in answering, Cowles touched a few high spots of the subject, so the Prof. asked him another.

Cowles said, "Call on some one else for that, I've said enough."

To those who should but do not subscribe for the Armour publications:

There i$ a little matter that $ome of our $tudents have $eemingly forgotten entirely. $ome of them have made u$ promi$e$, but have not kept them. To u$ it i$ a very important matter—it i$ nece$$ary in our bu$ine$$. We are very mode$t and don't like to $peak about it.

COLD COMFORT

Flunkers: "But I don't think that I deserve an absolute zero."

Professor: "No, sir, neither do I; but it's the lowest mark I am allowed to give."

Earl Smith, wearing his tortoise shell glasses for the first time:

"Well, Estell, how do you like my new glasses?"

Estell: "Well, Earl, to tell you the truth——"

Earl: "Stop right there; if you are going to talk that way about them, I don't want to know."

HUMOR

THE "TECH GOAT-GRABBER".
THERE ARE ONLY A FEW.

"Opportunity Knocks but Once. Other Knockers, Please Copy."

IF THEY TOLD THE TRUTH

"I never saw you looking worse."
"I would like this course if it weren't for your method of teaching."
"I hate like the deuce to meet you, I assure you."
"No trouble at all; I might as well be bothered by you as anybody."
"Come on home and take dinner with me, old fellow; there's nothing that I can think of that would make my wife any madder."

"I assure you, madam, that the operation is purely an experiment. You may live through it, but——"

"Sure, the lesson was easy; I only boned six hours last night."

LAY OF ANCIENT ROME

Oh, the Roman was a rogue,
He errat was, you bettum;
He ran his automobilis
And smoked his cigarettum;
He wore a diamond studibus
And elegantt cravatum,
A maxima cum laude shirt,
And such a stylish hattum!

He loved the luscious hic-haec-hoc.
And bet on games an equi;
At times he won; at others, though,
He got it in the nequi;
He winked (quo usque tandem?)
At puellas on the Forum;
And sometimes even made
Those goo-goo oculorum!

He frequently was seen
At combats gladitorial,
And ate enough to feed
Ten boarders at Memorial;
He often went on sprees
And said on starting homus,
"Hic labor — opus est,
Oh where's my hic-hic-domus?"

Although he lived in Rome —
Of all the arts the middle—
He was (excuse the phrase)
A horrid indivi'l;
Ah! what a different thing
Was the homo (dative, hominy)
Of far away B. C.
From us of Anno Domini.

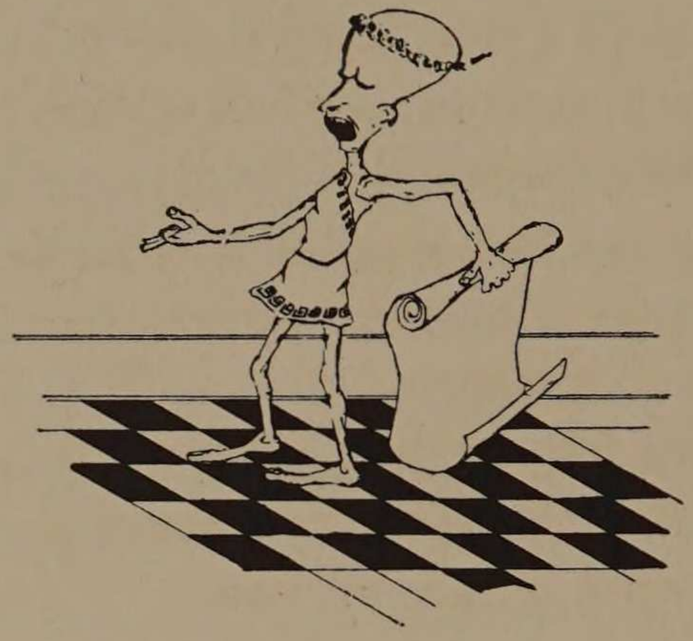
THE two commercial travelers were boasting to each other of the merits of the respective fire-proof safes for which they were agents. "I guess," said the first, "that we've given our safe 'some' test, and I reckon that our best trial was when we heaped up a collection of combustibles round it which took a week to burn out. Inside that safe we put a little dog with some water. At the end of the week we raked away the embers and opened the door of the safe which had been in middle of a blazing bonfire for a week. Out jumped the little dog, well and happy, wagging his tail with delight."

"Yours is a good safe," said the other, "but it isn't in the same block with us. We adopted the same test precisely, and when we'd raked away the embers and come to the safe, at last we opened the door, and the little dog ——" he paused dramatically.

"Was dead," interrupted his rival.

"Yes sir," was the reply. "You've hit it. Frozen to death.

THE FACULTY



CAN YOU IMAGINE

Prof. Wells—In a hurry?
Mr. Gilbert—Not scratching his nose?
Prof. Reid—Playing "Kelly," low man pays?
Prof. Schommer—Excited?

CHAMPIONS OF ARMOUR

Champion athlete and golfer—Prof. Krathwol.
Champion bluff-caller—Pa Phillips.
Champion songbird—W. G. Smith.
Champion basket-ball fan—"Charlie" Stridiron.
Champion good fellow—Prof. Huntley.

SOME FAVORITES OF THE PROFS

Pa Phillips—"Well, that'll do."
Dean—"Will the following men please pass to the board?"
Wells—"You're excused."
Pa Reid—"Of course, there are mistakes in the book; they're put there so that you will find them."
Smart—"The theme of this—er—play—er—."
Scherger—"Now, the Germans, by their wonderful," etc.
Gilbert—"Ye-as!"
Kratwol—"On page 359 of Camp-Bell's Differential and Integral Calculus."
Tibbals—"Yaas."
Doubt—"What is your line of reasoning, and if so, why?"
Campbell—"What do we have for to-day?"
Paul—"Well, gentlemen, for to-morrow we will take."
W. G. Smith—"Your apology is accepted."
Monin—"Vat is eet, economeecs?"
Gunsaulus (after an assembly)—"Let us all return to our classes."
McCormack—"No, you can't take the Lab. if you flunked the lecture."
Leigh—"Trim me at golf and you get credit in the subject."
Finnegan—"According to the Fire Underwriters."
Taylor—"Where are the rest of the fellows?"
Gill—"The BLUE solution is."
Ladd—"I have plenty of extra time for you, except Sat. A. M."
Freud—"Oh, that's easy."
Perry—"What the Sam Hill?"
Shattuck—"Let's get down to brass tacks."
Libby—"XR + Q."

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HUMOR

I sent my John to college,
Alack, alack, alack!
I spent a thousand dollars
And got a quarterback.

THE COACH

We asked him how his team progressed
He said, "I do not know,
But I can tell you all about
The other fellow's, though."

"Their quarterback accepted pay
Last August in St. Paul—
He got a ham, as I can prove,
For playing summer ball."

"Their tackles both were on the team
At Podunk for a year,
And I have gathered evidence
Conclusive, never fear."

"The guards and ends, and center, too,
I learn have all been paid
For waiting table—I've the goods,
You needn't be afraid."

"The halves and fullback—let me see—
I don't remember now,
But it is safe to say that they
Are tainted, anyhow."

Earle and Harvey, during heated argument:

Earle: "Look here, Jim, I can prove that my ancestors came over on the Mayflower."

Harvey: "I don't doubt your word a bit, Earle; we had no literacy test in our immigration laws then."

Wm. L. Koehne

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HUMOR

BILL TO STEVE

(With deep apologies to Ring W. Lardner.)

DEAR STEVE:

Well, Steve, I guess you didn't expect to hear from me again on acct of me not writeing to you sence so long, but its like this, Steve, I ain't having much time to write now sence I had to do that ballistic pendulum expearmint in Phys. Lab. I aint got it all written up yet, but I guess what I have got done is jest as good as Newton or Paskill or any other of those sciencetists because Newton never done that expearmint with the aparatus what is over in Chapin Hall & anyway he must of used some other kind of iron balls ones that bounced straight instead of some what bounced clear off to 1 side when they collided. How can I give out important results to the world Steve when I aint got no good aparatus to work with?

Well Steve passing from the rediculous to the sublime it looks like wear going to have a nother champeen baseball team again this year. I suppose when you are reading this letter the b. b. season will be about over but I half to write it now so it can get to the proper authorities beffore cirkus day when you can read it. the outfield will be extry strong this year acct of me being one of it & I guess when you have a strong outfield the rest of the team aint of much acct nohow. I guess I cant clout that old pill either hay Steve.

The basketball season is all over now & we are tide for 1st place with Lake Forst & Spalding might jest as well give us the cup for being champeens because who ever herd of Lake Forst and what good would a cup do them way out there so as no 1 could look at it who lived in Chgo. Wile if we had it here the 1000s of people what knew we had it could jump on a Went. car and come out and see it and all it wood cost wood be there carfare. We just naturally eat L. F. up when they played us here. Mouat jest couldn't miss any baskets he getting 22 out of the 28 pts. & that is pretty good when you consider he had to look at a guard all muzzled up every time he shot. I guess he wore that muzzle so he couldnt sware at the L. F. forards who must of thot they were playing hand ball or something instead of basket ball. Mebbe they will lern sometime that it dont count nothing unless the ball goes thru that little ring with the string hanging on it what they call a basket & that basket don't rome around the building none neither but stays right where its put. Then we beat Beloit & Joe Sullivan celebrated his last game by some long distance shooting that would put the Germans too shame. & when the Beloit players saw him making em they tride it to. You can see it worked good when I tell you they got a grand total of 9 pts. They made 4 pts. beffore Armour knew that some 1 had blew the whissle but after that there chances looked like a Serbian Soljers breakfast. In the second ½ they got something like 3 pts. & they should aught not to count neither because 1 of there guys tride to pass the ball & it slipped out of his hands & went in.

They was lots of excitment here a few days ago when Bruce saw a waggin load of empy bbls comeing down 33d st & Paskill one a prize for the best mustash. They should aught to of sude him for getting money thru faults pretenses.

Well Steve I guess I better leave off here because if Prof. Smart & some others new I was putting my time on this they would flunk me flat & I guess I ain't going to associate no such word with my name hay Steve.

Respy, Bill. (O. M. H.)

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HUMOR

THE TRUTH

A person came to see me,
And solemnly he swore
That all our Armour students
Appeared on the dancing floor.
"The load of non-attendance," he said,
"The boys could not withstand,
So simply cashed their holdings
And gave them to the band."
Imagine our surprise when told
This happened at an Armour dance,
For generally about fifty go,
And others lose their chance.
But do not let this story
Your gentle mind appal;
It's very easily explained—
The fellow lied, that's all.

Another of my callers
Said Roosevelt just had sent
A messenger to ask Bill Barnes
To run for president.
"The Colonel's heart has changed," he said,
"He's won his case in court,
And he has said if Barnes will run,
He'll give him his support."
You do not need to credit this
Unless you so desire;
In fact, I'm quite convinced myself
My caller was a liar.

ME, TOO

I never saw an ankle watch—
I guess I shall never see one;
But I can tell you, by Old Scotch!
I'd surely like to be one.

THE ARITHMETIC OF CLOTHES

Multiplied, they make the stylish woman.
Divided they make the male.
Minus, they make the artist's model.

Dr. Thomas says that the correct temperature for the living room is 70 degrees avoirdupois.

At one of the Radio Association meetings it was said that wireless telephony was in its infancy. Some infant! It was heard from Washington, D. C., to the Sandwich Islands the other day.

THEY'D PAY AS MUCH HEED AS ANYONE ELSE DOES

Why not write a note to the Panama mountains warning them not to slide into the canal any more, under pain of being held to strict accountability?

Some of the fellows say that they are sustained by their serene Philosophy. Let's see Prof. Paul. What is the tensile strength of this so-called Philosophy?

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HUMOR

THE TERPSICHOREAN LAMENT

Four years ago—or was it six?—
The tango and the bear
Revived the waning interest
In dancing everywhere.
The Boston, waltz, and two-step
Were all pronounced passe,
And people started dancing in
A new outlandish way.

Men who had never danced before
Now broke into the game.
The upstart class included me—
I say it to my shame.
I horned in with the rest of those
Who'd never terped a bit,
Till dancing grew so popular
We HAD to fall for it.

Where one or two of every ten
Had waltzed in days of old,
Twelve out of every dozen men
Were now within the fold.
And where musicians starved to death
In them two-stepping days,
The army of the unemployed
Now signed with ochestrays.

The large demand for musickers
Inspired ambitious boys
To borrow various instruments
And learn to make a noise.
Teamsters and tailors, coppers and clerks,
Got drums and saxophones,
And drew, instead of three per day,
Just plain one hundred bones.

These mush-a-room musicians
Knew even less than we
About the art of dancing
As dancing used to be.
The tango, trot and one-step tunes
Were all they had to play
To fill up with engagements at
One hundred bucks per day.

(Continued.)

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HUMOR

THE TERPSICHOREAN LAMENT

Presto! The waltz was back in style,
The "simple" waltz of yore;
A pipe for those who danced it
When it was here before—
But not a pipe for us poor trash
Who broke into the game
When bears and walks and one-steps
Originally came.

But with true zeal I went and learned
That old-time waltz one day;
I learned it from a lady
Who rhymes with Dublin Bay,
Acompanied by a piano
Played at the proper gait,
And not as if the music were
Afraid of being late.

And then I went and tried it out,
Where piano men and drummer
And yodeler of the saxophone
And raggy banjo strummer
Played what they thought was waltz-time,
Three wallops to the bar,
But fast as Resta ever dared
To drive that Pugeot car.

I am not paid for dancing,
No, not a measly dime,
And yet I went and learned to waltz
In proper waltzing time.
An orchestra is paid to play—
It's paid for knowing how—
I think it's up to orchestras
To take some lessons now.

The limit is eight miles an hour,
Where traffic's always thick—
Slow down or I'll report you,
To Motorcycle Mick.
But listen—lay all jokes aside—
I'll give you one more chance;
Play waltzes, boys, in waltz-time,
Or I will CEASE TO DANCE!

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The Institute Bulletins will be sent upon Application

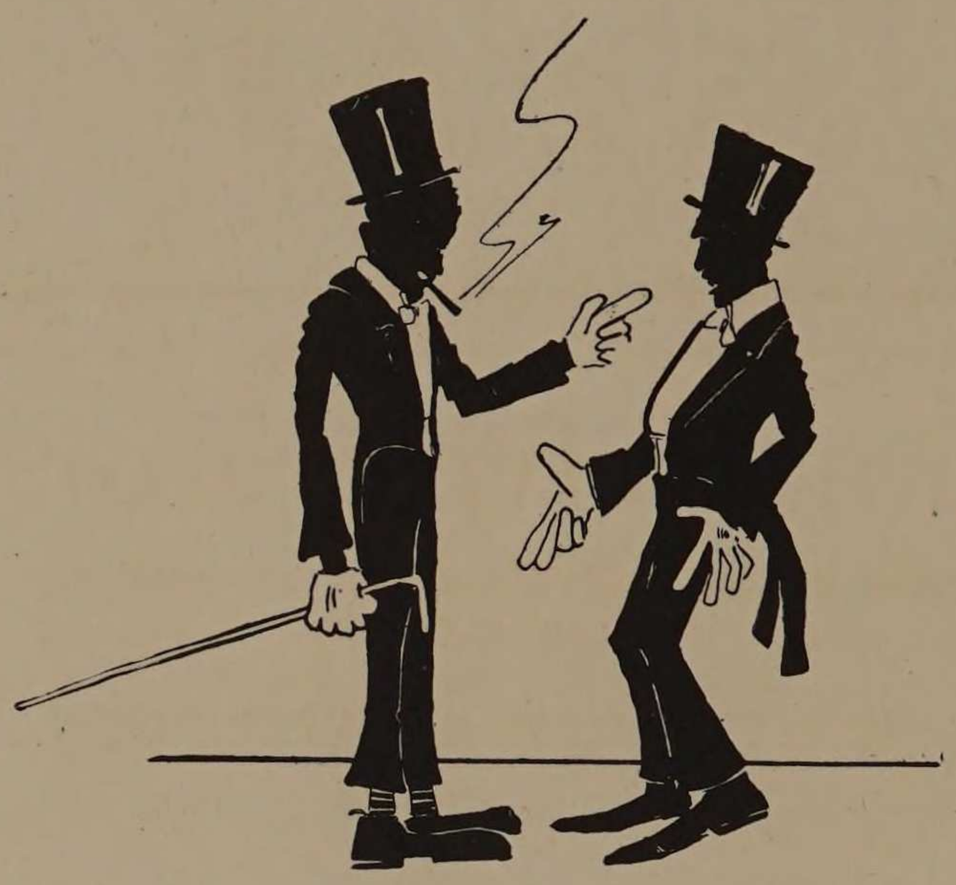
HUMOR

Senior—
Much learning,
Swelled head,
Brain fever—
He's dead.

Junior—
False fair one,
Hope fled,
Heart broken—
He's dead.

Sophomore—
Went skating,
'Tis said,
Ice hit him—
He's dead.

Freshman—
Milk famine,
Not fed,
Starvation—
He's dead.



CONWAY AND HALL
THE FUTURE HEADLINERS

Hall: 'Do you like codfish balls, Conway?"
Conway: "I don't know, Hall; I never attended any."

EDUCATION

Aspiration, mystification, examination, four years' duration,
Anticipation, hard occupation, short vacation, no cessation,
Expectation, conditionalization, possification—then salvation,
Realization, gratification in sweet graduation.

"I'm still waiting for that $5 you owe me, Echlin."
"Oh, don't let that worry you."
"That's what I'm trying to do, but I would feel greatly encouraged if you would let it worry you occasionally."

The yelling students rouse my hate,
But I like the manners of Bill McCotter,
For he's a reform school graduate,
And doesn't yell for his Alma Mater.

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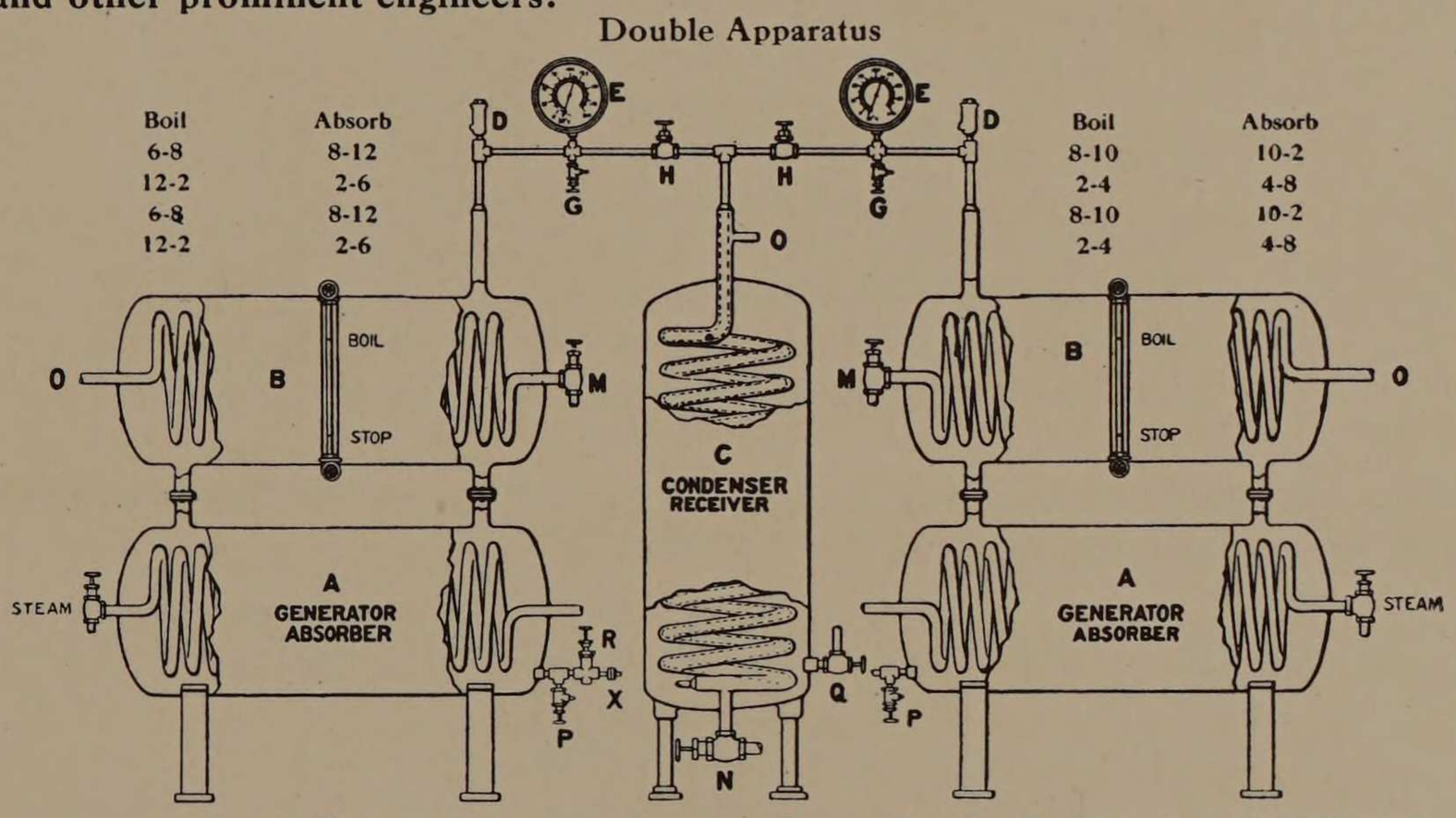
Double Apparatus



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HUMOR

There was a young man from up river
Who complained of a most torpid liver.
Said old Dr. Krupp,
"It needs shaking up."
His prescription read: "Go buy a Flivver."

"So your son's in college, eh? Burning the midnight oil, I suppose?"
"Well—er—yes; but I've got an idea—er—that it's gasoline."

Smith: "What ever became of that friend of yours who had money to burn?"
Jones: "He's sifting the ashes."

THE MODERN EGG

Humpty-dumpty sat on a wall,
Humpty-dumpty had a great fall;
All the chef's helpers, yes, all the chef's men,
Hoped they would never smell it again.

"Leaves have their time to fall, and flowers to wither at the North wind's blast," but stewed prunes and the poor we have always with us.

DAY DREAMING

Her hair is lank and sorrel,
Her face a homely scar,
Her form is like a barrel,
And her feet canal boats are—
You ask what makes me love her?
What makes you think I do? I don't.

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They took a little gravel,
And they took a little tar,
With various ingredients
Imported from afar.
They hammered it and rolled it,
And then they went away—
They said they had a pavement
That would last many a day.
But they came with picks and smote it,
To lay a water main,
And in time they called the workmen
To put it back again.
To run a railway cable
They took it up once more,
And, later, put it back again
Just where it was before.
They took it up for conduits
To run the telephone,
And then they put it back again,
As hard as any stone.
They took it up for wires
To feed the 'lectric light,
And then they put it back again,
Which was no more than right.
Oh, the pavement's full of furrows—
There are patches everywhere—
You'd like to ride upon it,
But it's seldom that you dare.
It's a very handsome pavement—
A credit to the town;
They're always digging it up
Or putting it down.

The following took place at a large manufacturing plant between the superintendent and an applicant for a position:

"Are you a machinist?"
"I am."
"How long have you worked at your trade?"
"Three and a half years."
"Where have you been employed?"
"At the ——— Motor Co."
"What did you do there?"
"I inserted bolt No. 19."

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HUMOR

SHE WASN'T TO BLAME

Hicks: "The idea of your letting your wife go around telling that she made a man of you! You dont' hear my wife saying that."

Wicks: "No; but I heard her telling that she had done her best."

ADVICE TO ALL "ARMOUR" MEN WHEN THEY GET MARRIED

When she makes a hat, admire it, even though it looks like a Welch rarebit nightmare. It will save you a lot of money in the long run.

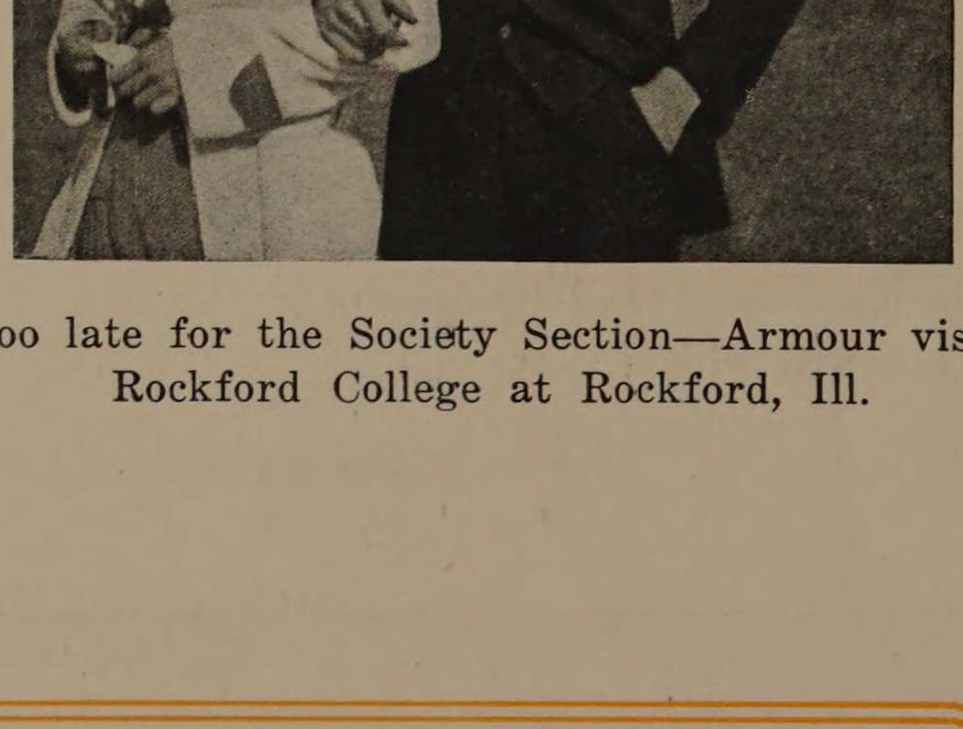
When you are out late, you may as well tell her the truth; she won't believe it, anyway.

Don't be grouchy about her allowance, even if it runs up as high as 25 cents a week.

Eat what she cooks and keep your mouth shut. If you keep your mouth shut you can't eat very much, so it won't hurt you.

If she won't let you smoke in the house, so much the better. Smoking doesn't do you any good, anyhow.

If she wants the bedroom window down and you want it up, put it down, for you won't get any sleep if you don't.



Too late for the Society Section—Armour visits Rockford College at Rockford, Ill.

THE BATTLE

Dont talk to a man behind his back.

That's the place to kick him.

CAMPUS BALLAD

A college athlete, blithe and gay,
Went strolling down the street;
He had no care, nor dreamed a snare
Was waiting for his feet.

He met a maiden, small and trim,
Dressed in the latest style,
And helped her cross the street and was
Rewarded with a smile.

A member of the faculty
Espied him, and, next day,
They tied a can to Mr. Man—
He had accepted pay.

The College Man requires clean linen all the time.

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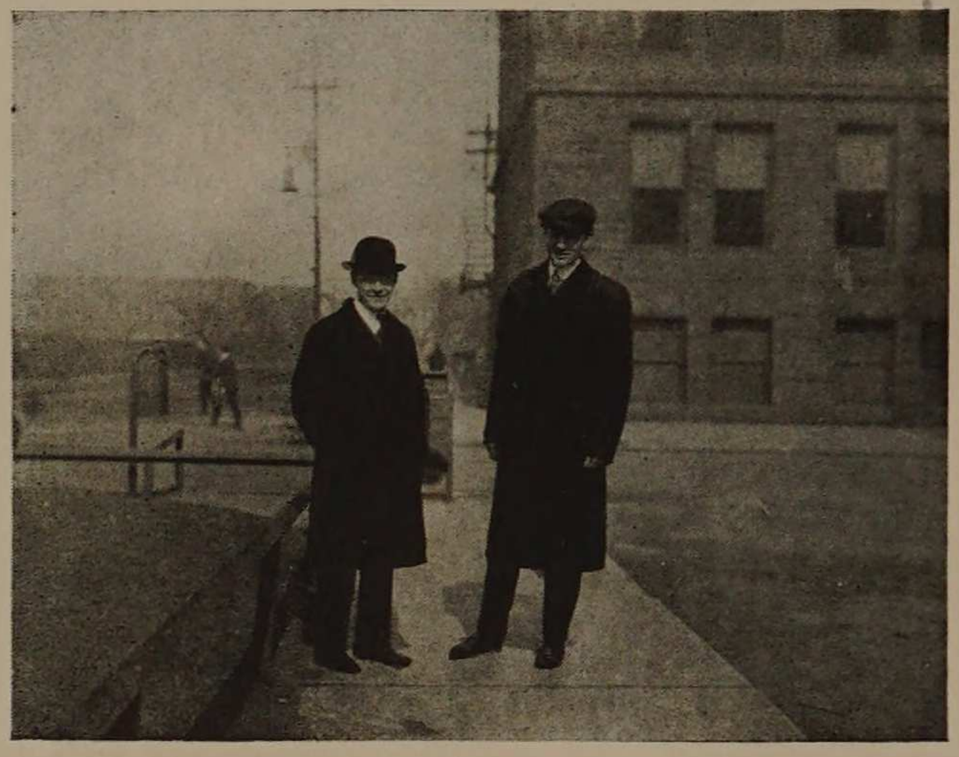
HUMOR



(XR+Q)—Q_2

"You are quite comfortable, wifey, dear?"

"Yes, love."

"The cushions are easy and soft?"

"Yes, darling."

"You don't feel any jolts?"

"No, sweetheart."

"And there is no draft on my lamb, is there?"

"No, my ownest own."

"Then change seats with me."

PARCEL POST

"Any mail for me, Hi?"

"B'lieve so, Silas; it's either a post-hole digger or a wagon tongue."

"Dennis," said Mrs. Hogan, glancing over the door of the post office building, "what is the meaning of them letters, MDCCCXCVIII?"

"They mean eighteen hundred and ninety-eight."

"Dennis, don't it strike you that they are carrying this spelling reform too far?"

It's never too late to mend,
And it's never too late to spend;
But always make it a rule to say
That it's always too late to lend.

INEFFECTIVE

Doctor: "You have a nasty cough. Have you ever tried sleeping in the open air?"
Patient: "I've slept in the open air fer years; I'm a night watchman."

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HUMOR

SHE KNEW

The minister was visiting at the house of little Alice.

"Did you go to church with mamma and papa to-day, my dear?"

"Yes, sir," said Alice, "an' we got there at the most important part."

"Indeed!" said the minister, aglow with anticipation. "And what was that, my sermon?"

"No, sir, the collection."

First Gurgle—Did you notice that good-looking fellow who sat right back of us at the Orpheum?

Second Gurgle—Oh, the handsome chap with the red necktie and the tan suit, who wore his hair pompadour?

Y. M.—Young man, have you sowed your wild oats?

M. Y.—Hey, guy, let me give you to understand that I am a civil engineer and not a seamstress.

SAFE SUGGESTION

Bill—Do you know anything a man can do to live a hundred years?

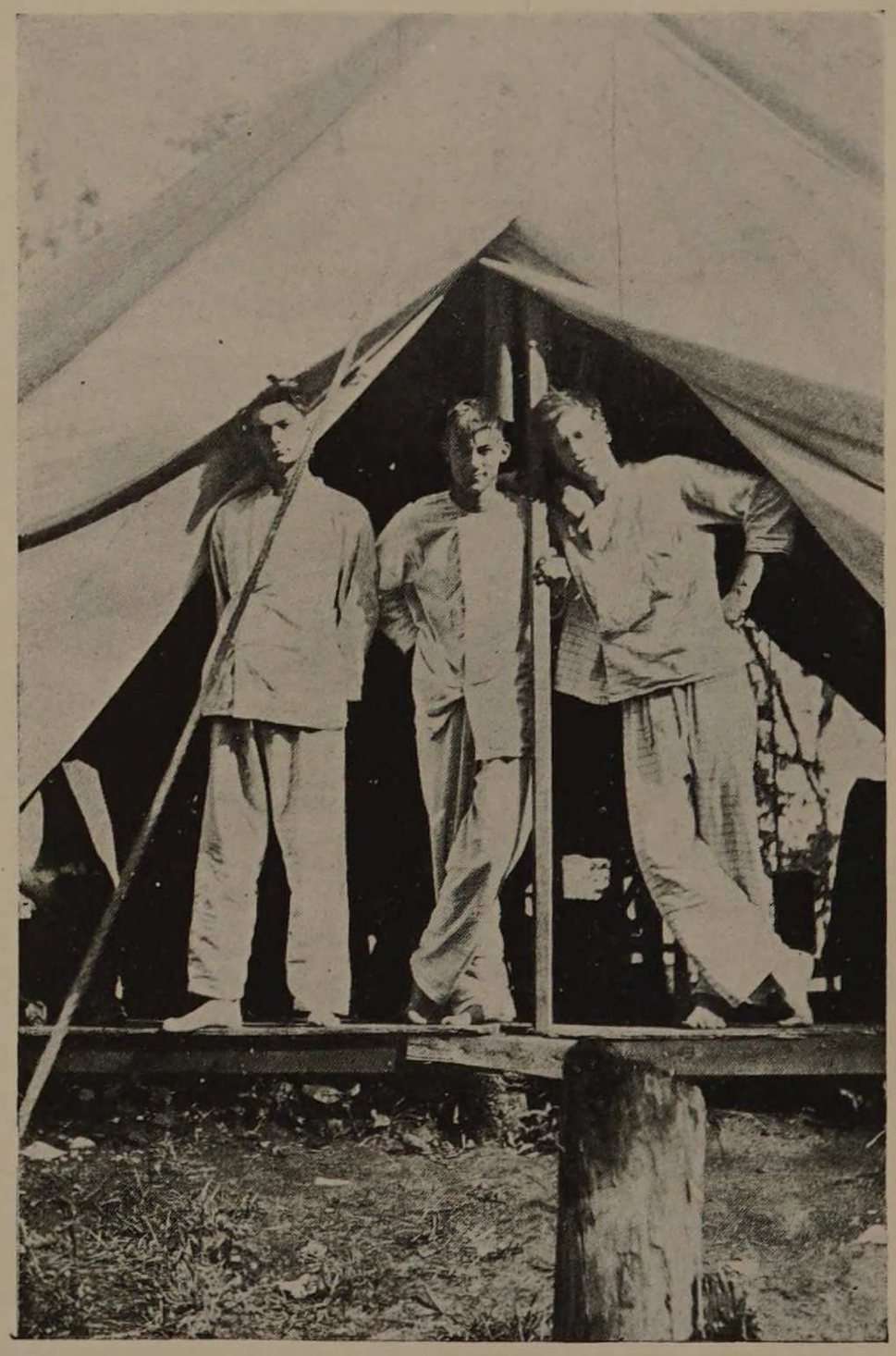
Gill—Sure! Keep breathing.

BEFORE HIS TIME

Foreman—Now hurry up, can't yer?

Laborer—Orl right, boss; Rome wasn't built in a day.

Foreman—No, p'r'aps not, but I wasn't foreman of that job.



PROTEST

Out yonder men are shooting,
And living in a ditch,
And getting killed and looting—
While I'm getting rich!

They're getting killed and killing
With bayonet and gun;
It must be very thrilling—
Some folks have all the fun!

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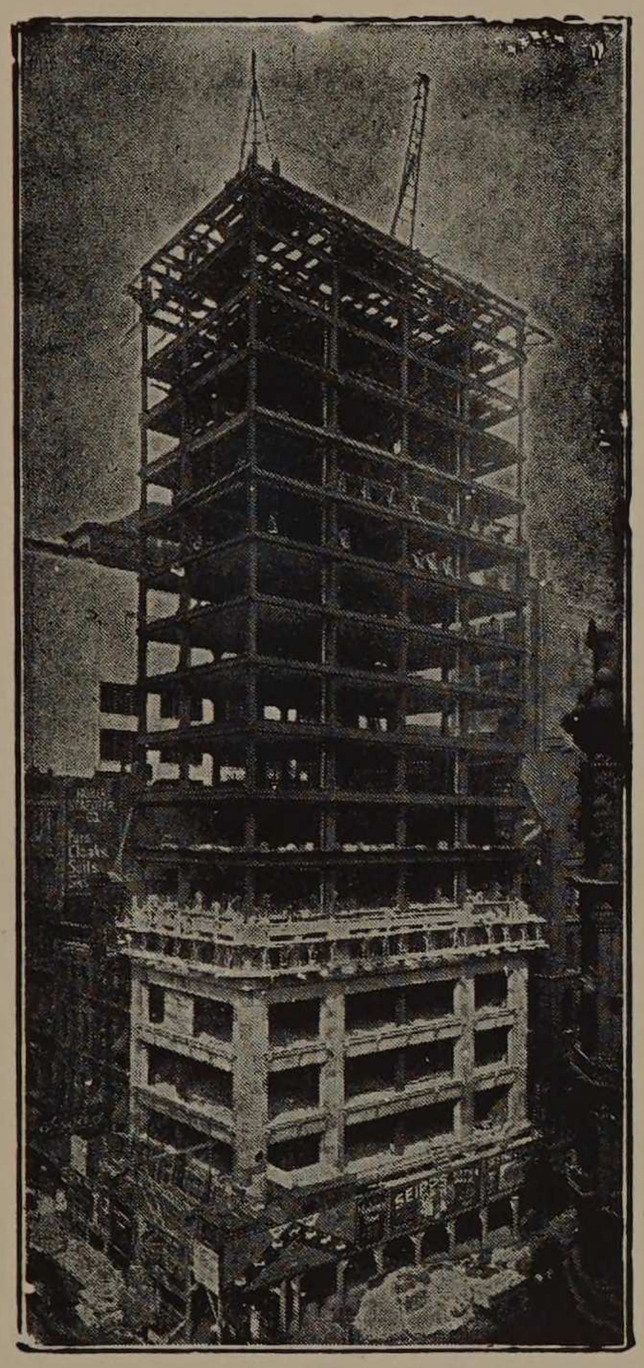

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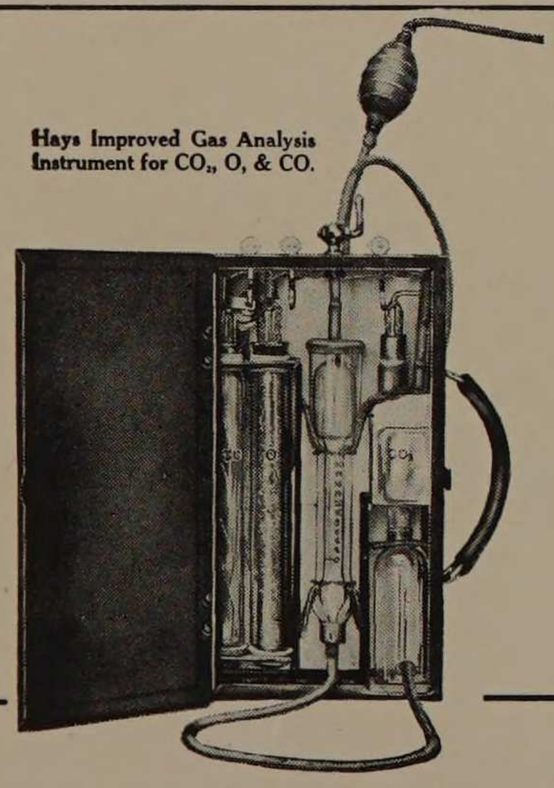
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HUMOR

OR DOC COOK

Does the college correspondent study Euclid?
Does he ponder Aristotle's heavy stuff?
Does he read the jocund Horace, which he orter, ain't it, Mawruss?
Does he tote his martial Homer up his cuff?
Does he fall for Aristophanes, I ask you?
And for Virgil does he have a yearning yen?
Well, to analyze the batches of collegiate dispatches,
He pursues Ananias now and then.

Does the college correspondent rush his Ovid?
Does he slant Ancreontic stuff the while?
Does he suffer base compunctions dodging trigonometric functions?
Doe he fauna-flora foolishness compile?
Are his cranial convolutions crammed to muchness?
Is his onion ribbed with academic junk?
Does he court the foresaid geekses through the gray autumnal weekses?
NO, he follows up Munchausen's line of bunk!

DREARY DREAMINGS

Carnegie has a fine estate,
His horse and his car;
His comforts are beyond debate,
His life a joy by far.
But would I change my life for his?
You bet I would.

The Powers that Be

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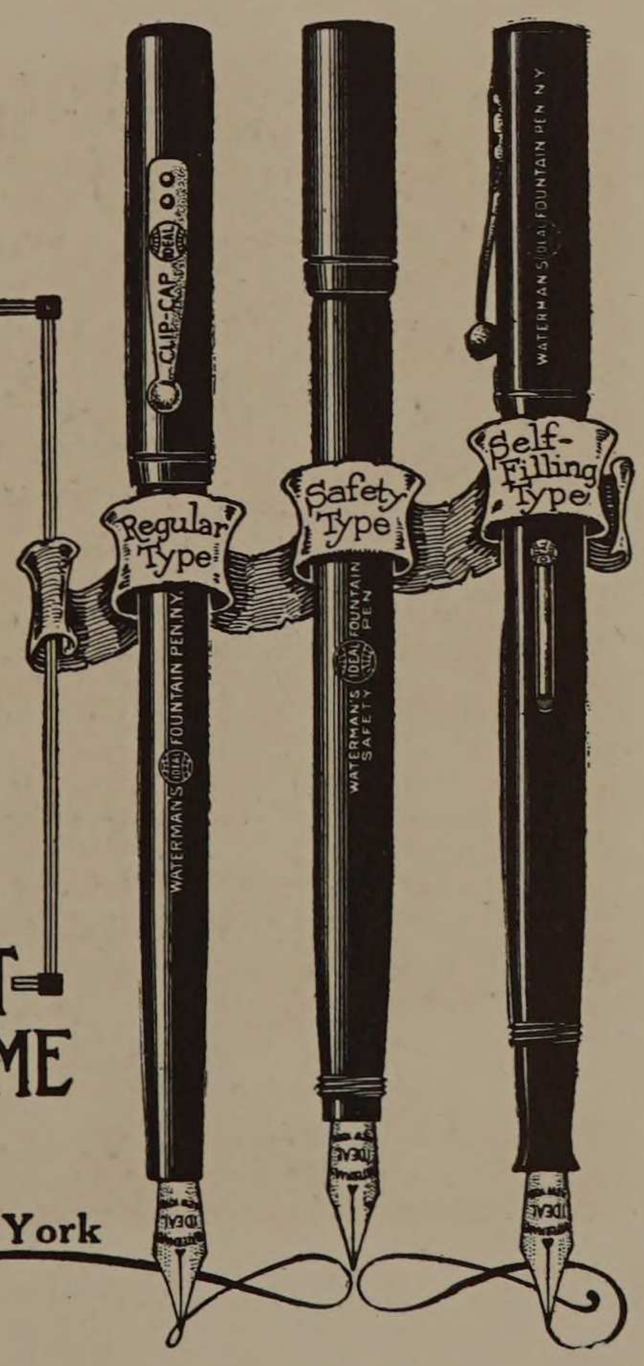


THE GIRL AND THE GAME

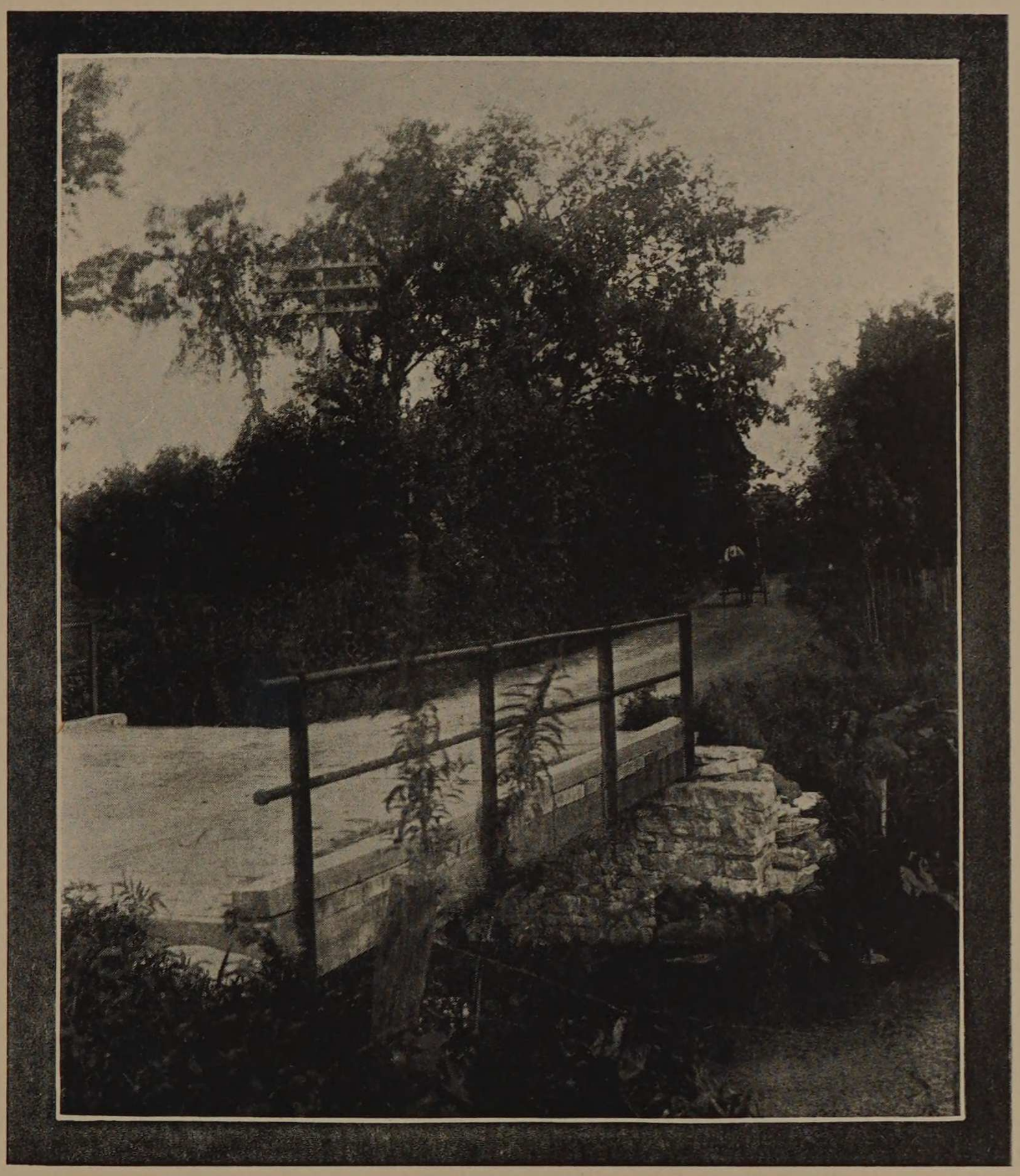
Arabella, sweetheart mine,
Tho the fashions have decreed it,
That you go out, rain or shine,
Where the stocky halfbacks speed it,
I had rather—tho you rap
My fond love as sere and yellow—
That you gaze upon the scrap,
Posing with another fellow.

Thou who knowest not a punt
From a touchdown, fashioned splendid;
Thou who shriekest at each grunt
Of the fullback, merely winded,
Or at crisis-fumbled ball
As some player dashes on it,
Gazeth at a nearby stall
At some new autumnal bonnet.

Thou who seeth not the dash
Back of perfect interference—
Hearest not the vocal crash
From a thousand wild adherents;
Vieweth not the leap of end
In a tackle full of fire—
Only that some female friend
Wears a dress you don't admire.

Look!—a run—the goal line nearing!—
Yippy—yippy—go it, Bo!—
Dost thou leap up, wildly cheering,
Or enthusiasm show?
Nix—thou sittest still, complacent,
While the thousands toss a fit—
Peering down a row adjacent
Where some dressy Bessies sit.

Arabella, sweetheart mine,
Tho I know you're bent on going,
Whether it be rain or shine,
In a gown you're bent on showing.
I had rather—tho you rap
My deep love as sere and yellow—
That you lamp the dog-gone scrap
Worrying another fellow.



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TITLE?

A love-lorn microbe met by chance
At a swagger bacteroidal dance
A proud bacillan belle, and she
Was first of the animaculae.
Of organisms sacchrine
She was the protoplsmic queen,
The microscopical pride and pet
Of the biological smart set.
And so this infinitesimal swain
Evolved a pleasing, low refrain:
"O, lovely metamorphic germ,
What futile scientific term
Can well describe your many charms?
Come to these embryonic arms.
Then hie away to my cellular home
And be my little diatome."

His epithelium swelled with love;
He swore by molecules above
She'd be his own gregarious mate,
Or else he would disintegrate.
This amorous mite of a parasite
Pursued the germ both day and night,
And 'neath her window often played,
This Darwin-Huxley serenade.
He'd warble to her every day,
This rhizopodical roundelay:

"O, most primordial type of spore,
I never met your like before;
And, though a microbe has no heart,
From you, sweet germ, I'll never part.
We'll sit beneath some fungus growth
Till dissolution claims us both."

The case concerned a will, and an Irishman was a witness.

"Was the deceased," asked the lawyer, "in the habit of talking to himself when alone?"

"I don't know," was the reply.

"Come, come, you don't know, and yet you pretend to have been intimately acquainted with him?"

"The fact is," said Pat dryly, "I never happened to be with him when he was alone."

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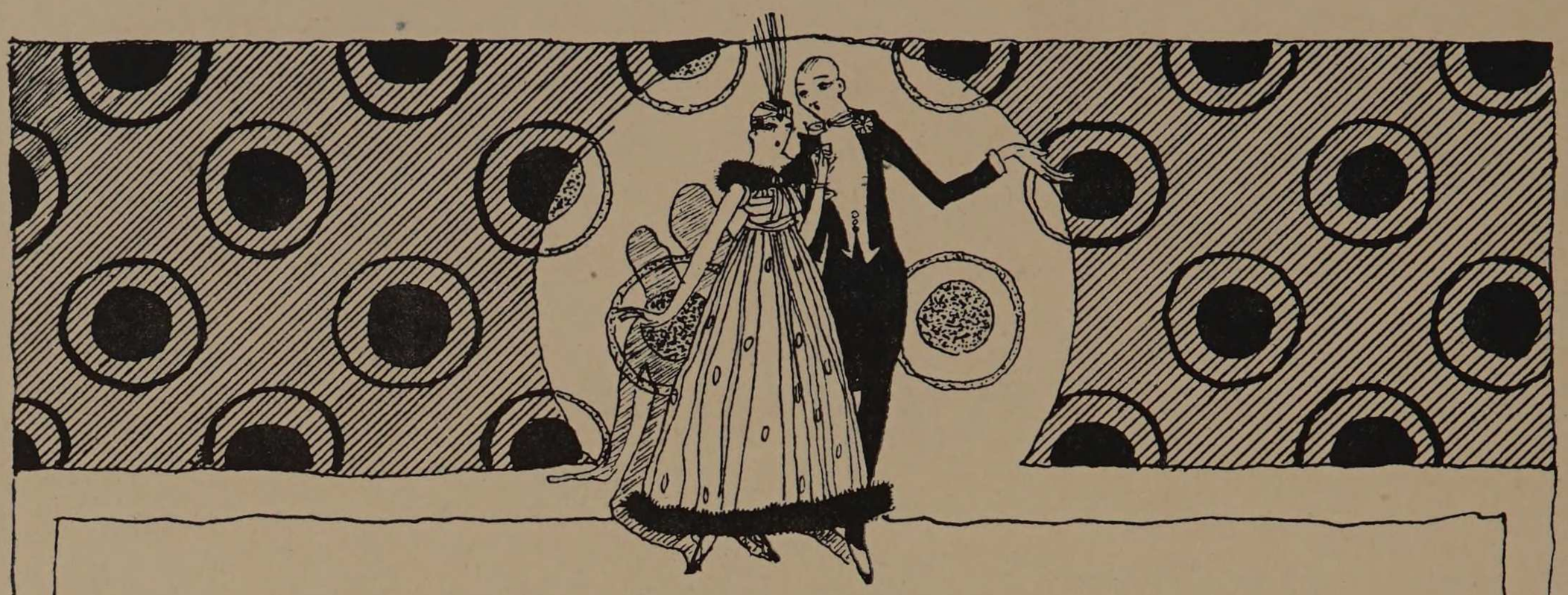

FINIS

JAN 17