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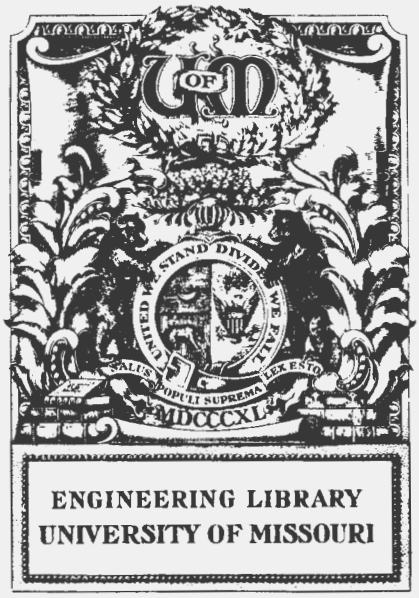
The Shamrock

1930



ENGINEERING LIBRARY
UNIVERSITY OF MISSOURI

The
1930
Shamrock

Richard P. Burke_____Editor
Duis D. Bolinger_____Business Manager

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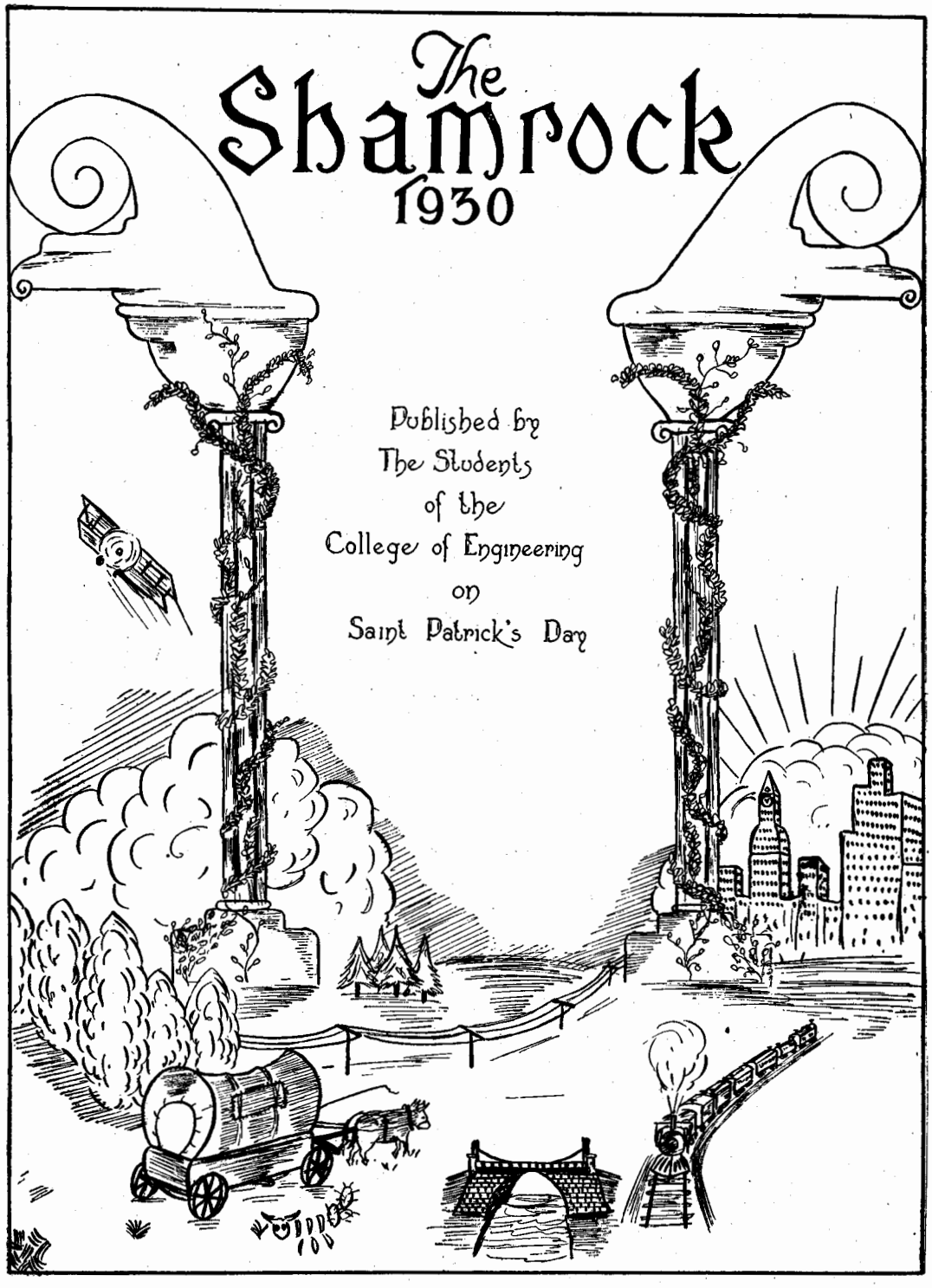
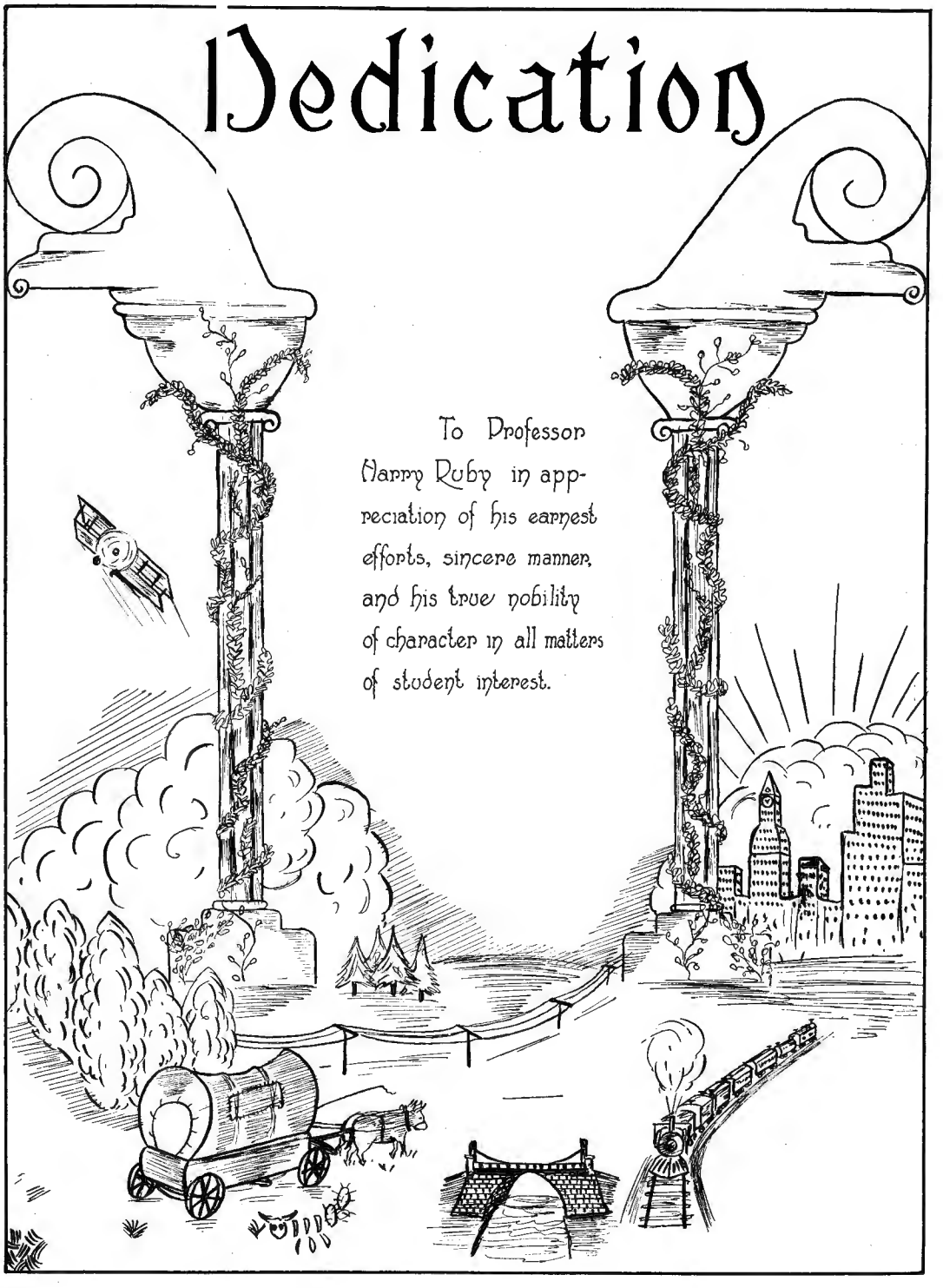

The
Shamrock
1930
Published by
The Students
of the
College of Engineering
on
Saint Patrick's Day

Dedication

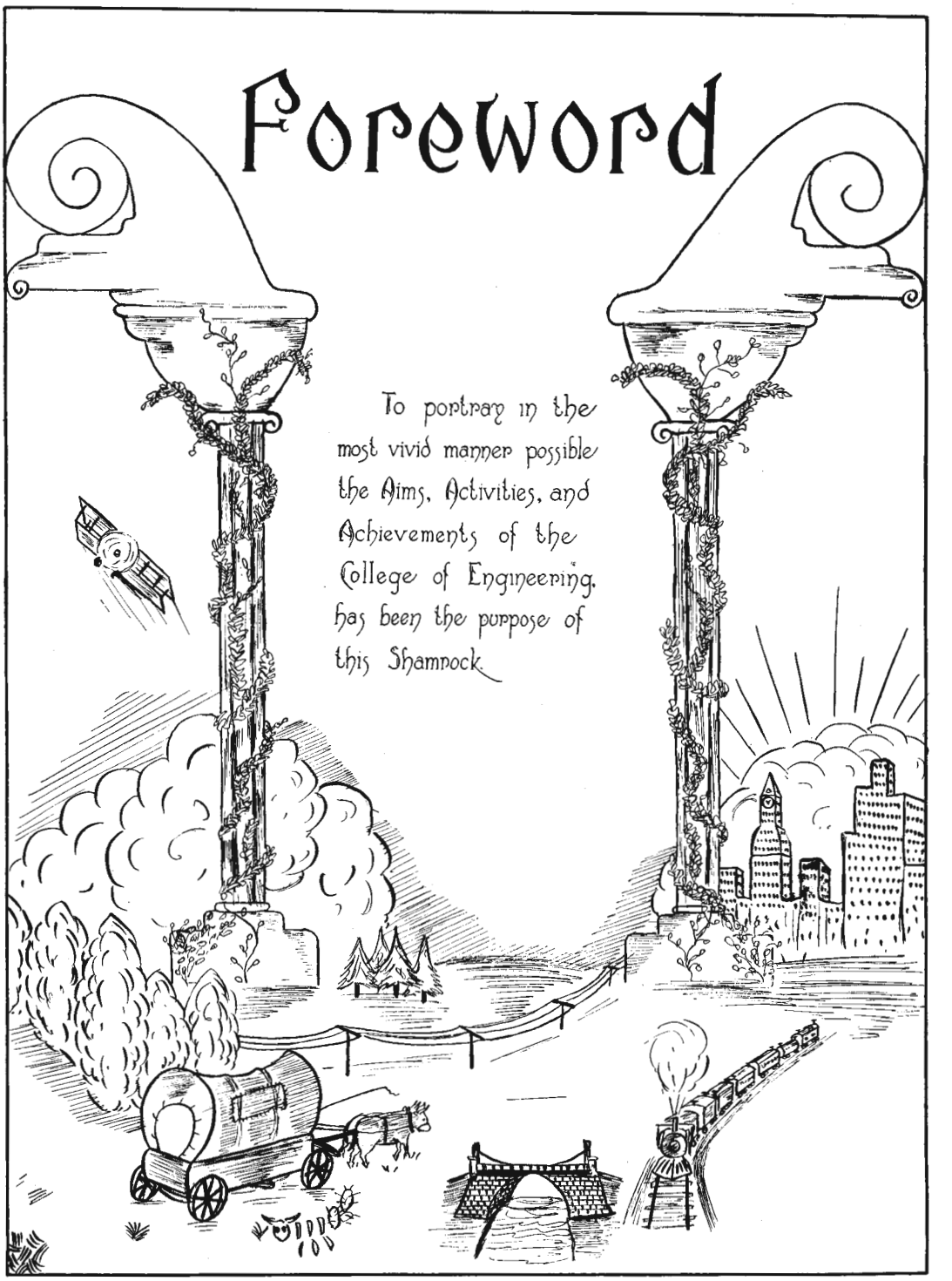


To Professor Harry Ruby in appreciation of his earnest efforts, sincere manner, and his true nobility of character in all matters of student interest.

PROFESSOR HARRY K. RUBEY

Foreword

To portray in the most vivid manner possible the Aims, Activities, and Achievements of the College of Engineering, has been the purpose of this Shamrock.



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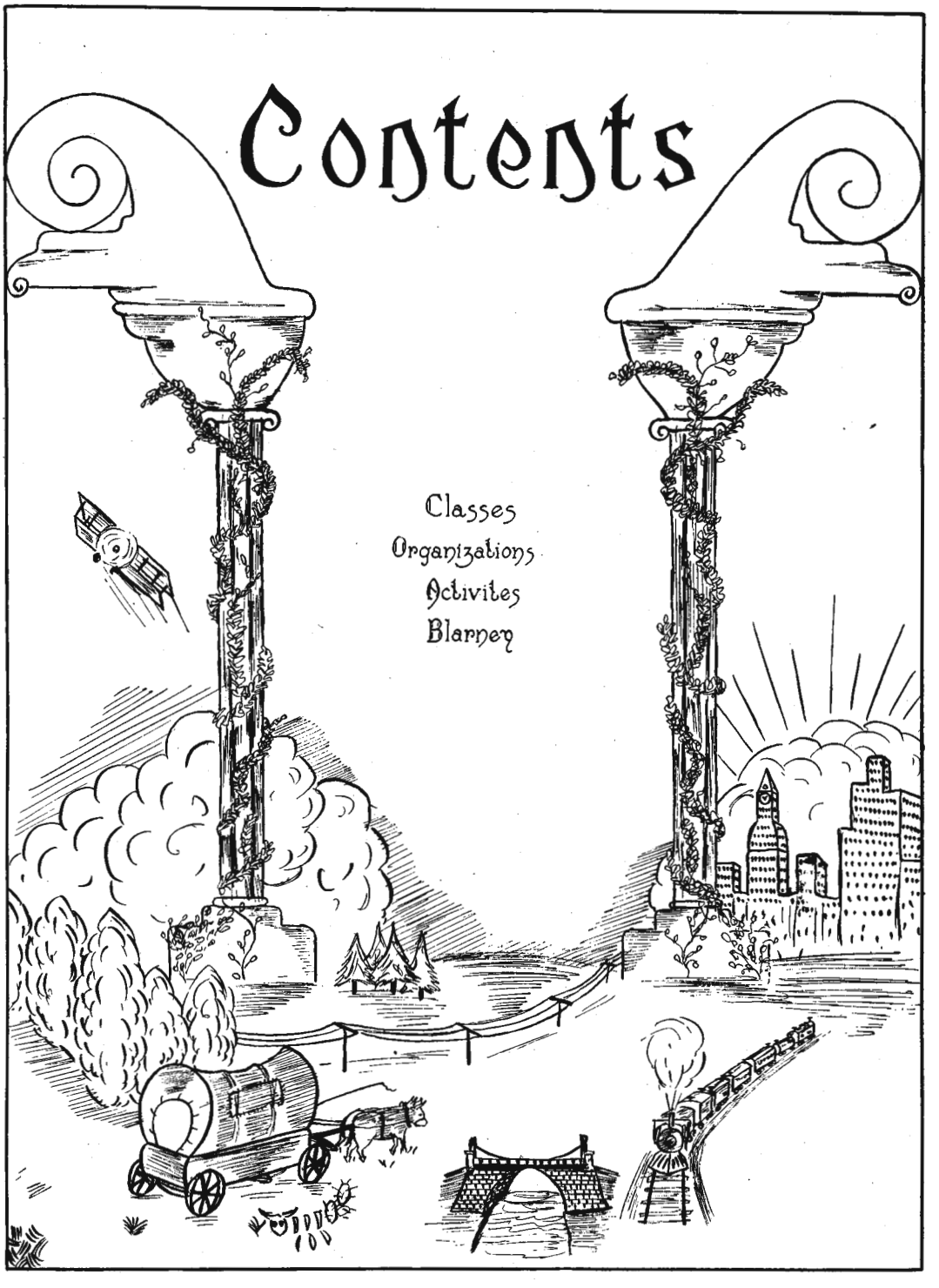
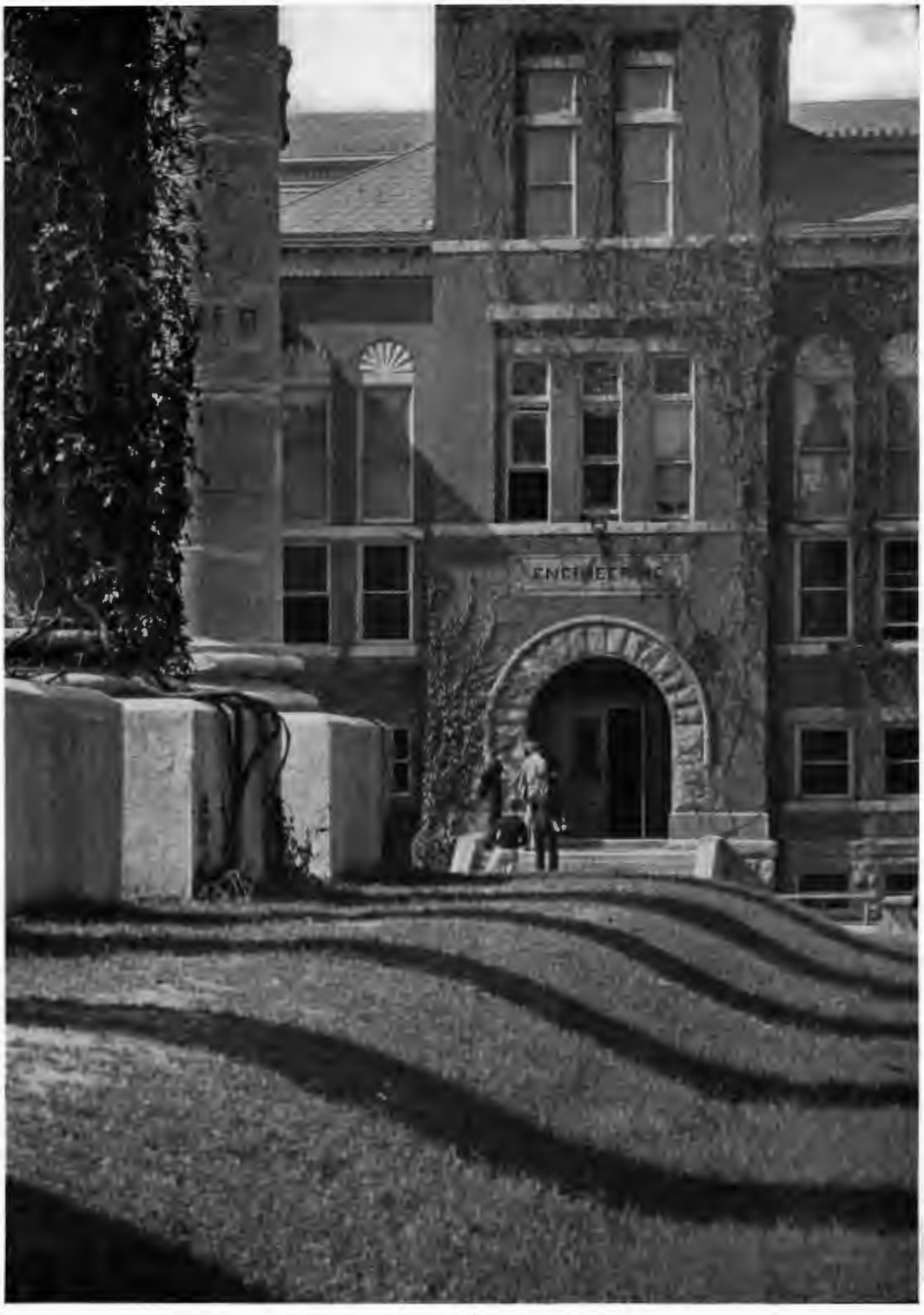
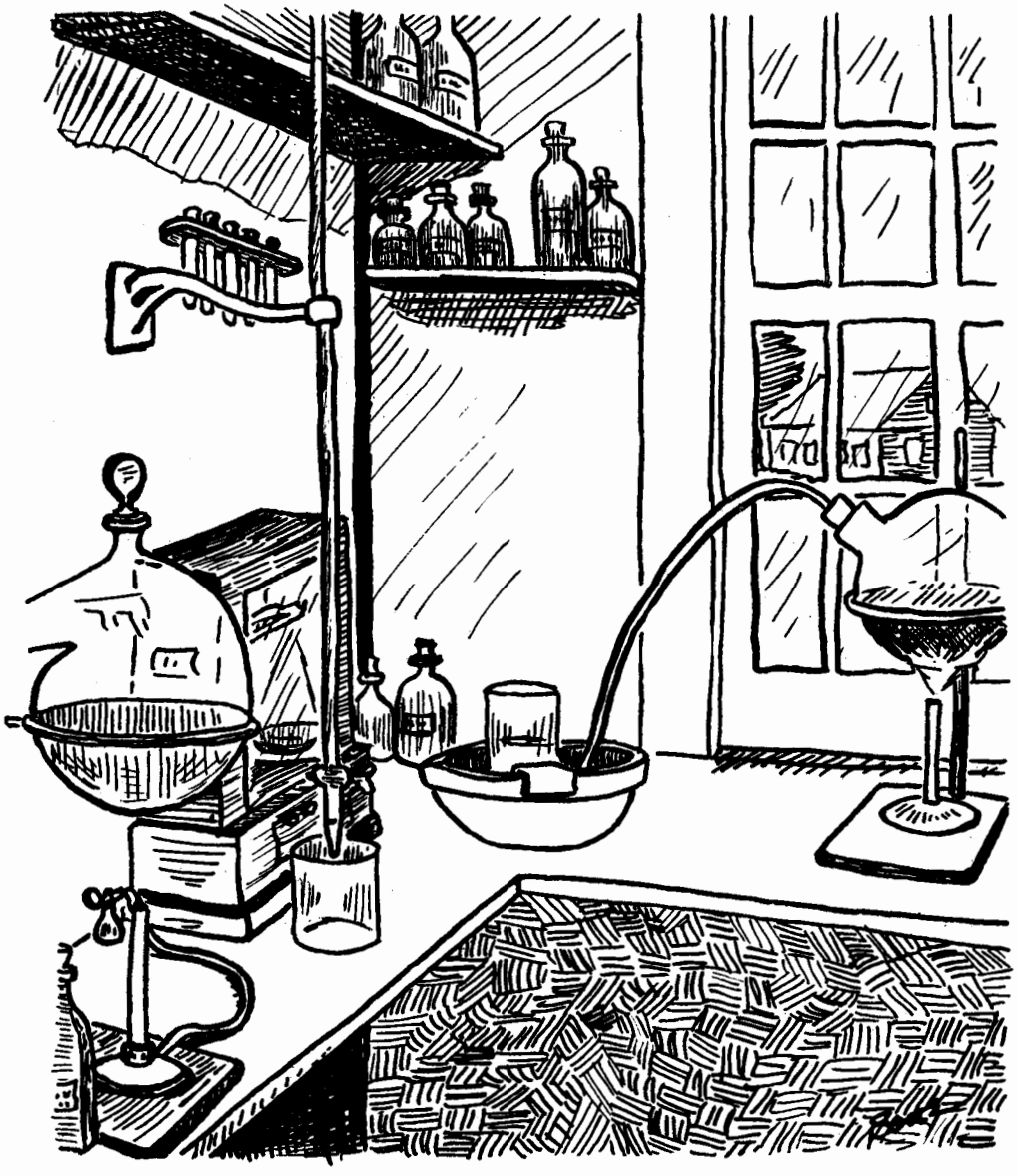




"Where tradition and the blarney
Will never, never die."

Classes



Chemicals

Seniors

REHBEIN, CHARLES A. — St. Louis
Δ K, Λ X Σ, A. Ch. E., Adv. Mgr. '28 Shamrock, Bus. Mgr. '29 Shamrock, Knight of St. Pat '29.
He can't last much longer.

BARTON, JOHN HENRY — Frankford
A. Ch. E.
Studious, steady, and staid.

BAUER, LESTER L. (Buzz) — St. Louis
Π K A, T B Π, Π M E, Q. E. B. H., Blue Key, Φ H Σ, Scabbard and Blade, Ch. Homecoming Comm.
We've got a feelin' he's fallin'.

KEARNEY, JAMES E. — Hannibal
Φ K, Pres. Glennon Club, Vice-Pres. A. Ch. E. '30.
Caculus, calculatin' Kearney.

PALMER, L. T. (Palmers) — Parsons, Kans.
Λ Σ Φ, Art Editor '29 Shamrock, A. Ch. E.
The Parsons' flash.

SADOWSKI, JOHN L. (Sadie) — St. Louis
Pres. A. Ch. E. '30.
The "big shot" of the Chemicals.

SNOW, A. L. — St. Joseph
Π M E, Λ X Σ, T B Π, A. Ch. E.
Snow hails from St. Joe.

Juniors

MCMAHON, T. J. (Mac) — St. Louis
Φ K, Sec. Treas. A. Ch. E., Shamrock Staff '30.
Still faithful to his first love.

Sophomores

HALL, RAYMOND G. — Campbell
Engineer's Football Team.
We wonder what's the attraction in St. Louis.

RANDALL, T. (Honeybunch) — St. Louis
Δ K, Φ H Σ, Glennon Club, Razzers, St. Pat's Board '28, '29.
The Delta Kappa Emissary.

STATON, E. R. — Springfield
Δ K, A. Ch. E.
Whither hast thou departed?

Freshmen

CASON, J. R. — Columbia
Triangle, Pistol Club.
Me and Dr. Schlundt.

DODD, SAMUEL M., JR. — Swarthmore, Pa.
K Σ, Shamrock Staff '30, A. Ch. E.
The Christian College sheik.

HUNTRESS, JAMES O. — Springfield
Δ K, Band.
He toots his own horn.

LAWERENCE, JAMES C., JR. — Moylan, Pa.
K Σ, A. Ch. E.
Nick Lucas' only rival.

WAGNER, NORMAN (Honus) — St. Louis
Σ X.
A potential DeBenardi.

WEST, ELMER (Bud) — Kansas City
Φ Γ Δ.
The Phi Gam's coxwain.

WILSON, THOMAS A. — Columbia
Δ T Δ.
A local product.

ODE TO THE CHEMICALS

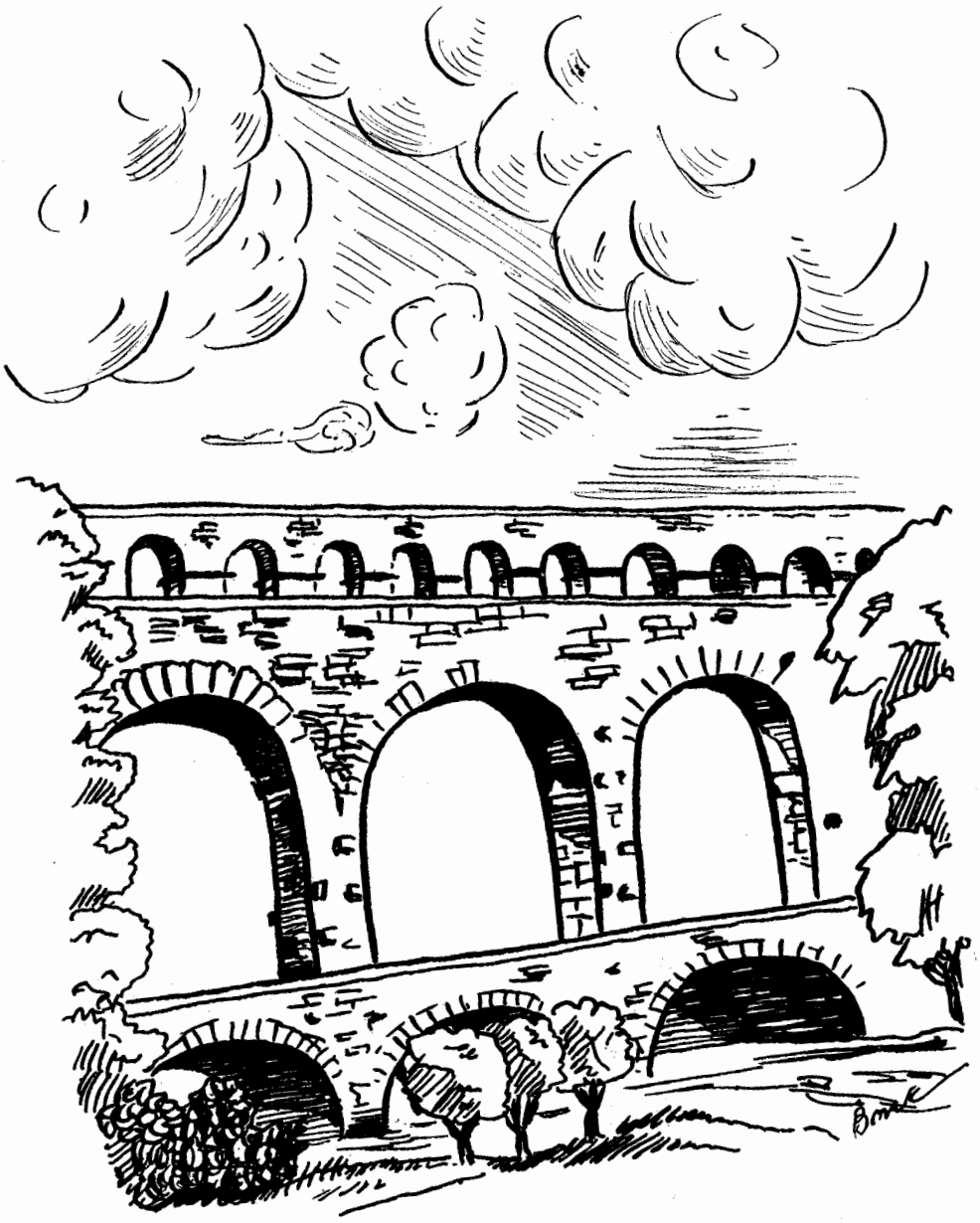
Prodigal sons of a world unseen,
Odious concocters, you know what we mean,
Moping, sometimes groping, for truths never known,
It's not for them to "leave well enough alone."

Tranquillity reigns in their haven of glass,
Until some able mind thinks he's found a new gas,
Dreams of a future he's willing to forego,
Sure! 'tis only what Priestly discovered long ago.

Intent and tireless, exotic throng,
With a mortar and pestle they grind all day long,
Little they care, though baffled they become,
When atoms evade them in derision and fun.

Let their mysterious pathways be ever bright,
Sure we'll cherish them always in their glorious delight,
Conquerors are they of plague and disease,
Makers of science and our world of ease.

—R. P. B.



Civils

Fifth Year Men

BAIN, JOHN GEORGE, JR. — Clayton
Triangle, Scabbard and Blade, A. S. C. E.
The Clayton Postmaster.

MCGINLEY, CHARLES T., JR. — Columbia
Π M E, A. S. C. E. Pres. '29, Pistol Team '29.
College bred—He's had a four year loaf.

Seniors

ALLISON, GEO. C. (Al) — Joplin
Triangle, A. S. C. E., Student Senate '27, '28, Homecoming Com. '29.
Just another Highwayman.

BOLINGER, DUIS D. — St. Louis
Δ K, T B Π, Π M E, Φ H Σ, Σ K E, Scabbard and Blade, A. S. C. E. Vice-Pres. '29, Vice-Pres. Soph. Eng., Vice-Pres. Polo Ass'n '28, 29, Adv. Mgr. '29 Shamrock, Bus. Mgr. '30 Shamrock, Captain ROTC, Polo '26, '27, '28, '29.
Hitchcock, McAtee, Barney Google and Duis, —The four horsemen.

BURKE, RICHARD P. (Pat) — St. Louis
Φ K, Σ K E, A. S. C. E., Shamrock Editor '30.
He's still eligible for the pearly gate.

CAPELLI, JOE THOMAS — Joplin
Φ K, A. S. C. E., Band '22, '23, Glee Club '29, '30.
He talks big for a little fellow.

CHADWICK, J. E., JR. (Jack) — Montgomery City
Σ K E, A. S. C. E.
Passionality personified.

CLARK, CHARLES W. — St. Louis
A. S. C. E.
An air-minded, jolly good fellow.

COOK, JOHN W., JR. (Cookie) — Fulton
Β Θ Π, Σ K E, Pres. A. S. C. E.
"Oh tie me to your apron strings."

EIERMAN, M. GLENN — Memphis
Δ Τ Ο, Σ Κ Ε, Pan-Hellenic Council, A. S. C. E., Sec. Engr.'s Club.
He tries to look wise at club meetings.

GEORGE, RALPH W. — St. Louis
Δ Κ, Τ Β Π, A. S. C. E., Mystical Seven, Student Senate, St. Pat's Board, Cross Country, Savitar Staff '27, '28, Glee Club '2), Treas. Freshmen Engrs., Pres. Soph. Engrs.
The Engineering school's gift to the girls.

HARLEY, CLYDE (Squint) — Oakwood
Triangle, Σ Κ Ε, A. S. C. E.
I really can't explain this strange power I have over the fair sex.

MEYER, OTTO H. — Columbia
Τ Β Π, Π Μ Ε, A. S. C. E., Treas. Pistol Club '29, 30.
Wants the "Arms Conference" held in Chicago.

NOLAND, G. L. — Belton
A. S. C. E., Pistol Club, Rifle Club.
He made one big mistake—he took calculus before he got married.

RIESS, J. H. (Doc) — Red Bud, Ill.
Triangle, Scabbard and Blade, Associate Ed. Shamrock '29, Staff '30.
Always belittlin'.

SANDOVAL, JAIME A. — Aguascalientes, Mexico
Α Ζ Π, Σ Α Π, A. S. C. E., International Club, Spanish Club.
A wild Irish rose.

SIEKIELSKI, GEO. (Skelly) — Boonton, N. J.
Engineer's Football Coach, Vice-Pres. Engineer's Club, Campus Squad, Memorial Com., A. I. E. E., Pres. Junior Engineers, Acacia.
Just another jelly.

WEBB, CLEMENT H. — Oak Grove
A. S. C. E., Wrestling Squad.
"Gimme a match."

WOOSTER, GORDON B. Pattonsburg
A. S. C. E.
He keeps the hospital "civil-ised."

Juniors

BONDURANT, D. C. (Connie) Charleston
Δ Σ Φ.
Connie, Now what do you think of last year's St. Pat's ball.

BRANTLEY, HERBERT L. Harris
Σ K E, A. S. C. E.
Where is his home town.

DORSEY, WILLIAM P. (Bill) Columbia
Σ K E, A. S. C. E.
Just another "hot" surveyor.

FRANK, HARRY St. Louis
Z B T, Sec.-Treas. Σ K E, St. Pat's Board '30, Sec. A. S. C. E.
The "big noise" of the junior civils.

GUM, LUTHER L. (Gummy) La Plata
Our little tin soldier.

HUDSON, W. R. (Bill) Albany
Pistol Club '28, '29, '30, St. Pat's Board '28, '29.
A bungalow—No upstairs at all.

NORTHROP, WM. L. Rocky Comfort
Σ K E, A. S. C. E.
There is a lot under that blond hair.

CRDELHEIDE, LORENZ E. (Slim) Columbia
Acacia.
How's the weather up there?

REESE, ARVAN D. (Flint) St. Louis
Δ K, Pres. P. S. A., Wrestling '28, A. S. C. E.
Something is putrid in Purdue.

RODHOUSE, T. J. (Roddy) Columbia
Triangle, Σ K E, Mo. Musketeers, Rifle Team '27, '28.
Quiet, but he needs watching.

VOHS, ROBERT C. (Bob) St. Louis
Triangle, Pres. Σ K E, Student Senate, A. S. C. E.
O. K.—In spite of his environment.

ZIEBOLD, H. O. (Fritz) Kirkwood
Π K A, Σ K E, St. Pat's Board '26, '27, Vice-Pres. '30.
Like all good machines, he works noiselessly.

Sophomores

FITCH, RUSSEL W. (Rusty) Wilson, N. Y.
A good little boy, but a long ways from home.

POYNTER, BROOKS A. Lexington
Forensic Staff, Band, St. Pat's Board '30.
Here is a prize for someone.

Freshmen

ELSNER, PAUL (Hefty) Joplin
One has to know this man to appreciate him.

POERTNER, C. A. Kirkwood
Π K A, Freshman Pistol and Rifle Team.
Why should I buy cigarettes when we have smokers?

WHITEBREAD, TERRY Nevada
Φ K, St. Pat's Board, Shamrock Staff.
He parts his hair in the middle. Well, every block must have its alley.

THE CIVIL ENGINEER

The civil engineer I like;
I have a firm conviction
That he can do the mighty deeds
He always does in fiction.

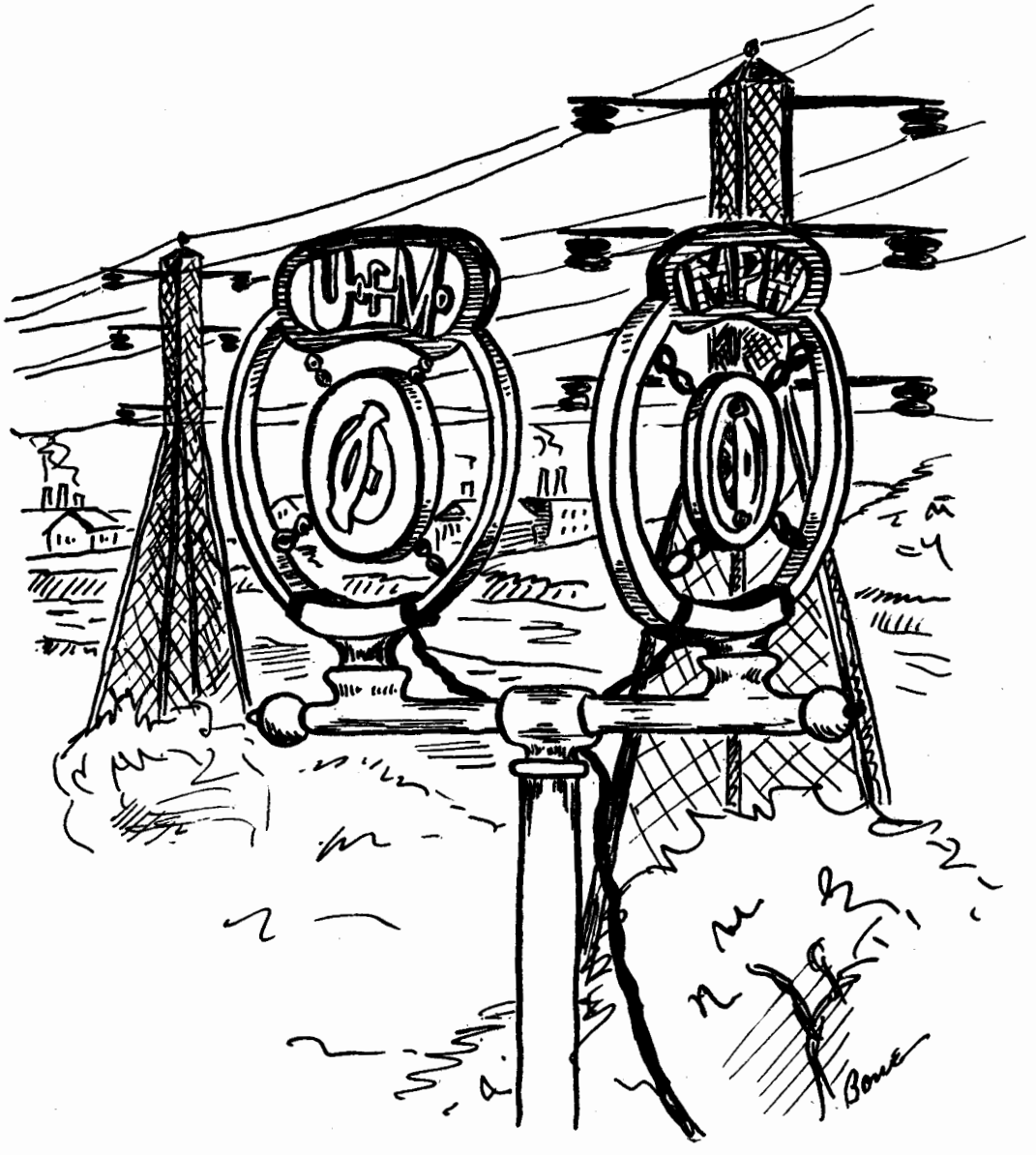
The civil engineer I like;
He gave us transportation
Adown the corridors of Time
From sledge to aviation.

The civil engineer I like;
To him I yield the palm. He
Could turn the gulf stream with a dike
And make the North Pole balmy.

The civil engineer I like;
I'll bet my bottom dollar,
He'll tame the Mississippi floods
And make them wear a collar.

The civil engineer I like;
He's wonderful! Why, blime it!
He'll turn Mt. Everest upside down,
So lesser men can climb it.

—The Wisconsin Engineer.



Electricals

Seniors

ADAMS, D. C. (D. C.) Webster Groves
Η Κ Ν, Scabbard and Blade, Pres. Engineer's Club.
Now, as to the requirements for president--???

BALZER, H. W. (Hap) Moberly
Triangle, Band '29, '30, Pistol Club '29, A. I. E. E.
He got to class on time once.

BODINE, M. S., JR. Paris
Π Κ Α, Η Κ Ν.
Takes night work in English at Christian College.

COE, JOHN M. Garden City
Τ Β Π, Η Κ Ν, A. I. E. E.
My books are my closest friends.

COLLINS, OGIE B. (Og) Minimum
Musketeers, N. R. A., A. I. E. E., Rifle Team '28, '29, Mgr. '29 Pistol Club, Rifle Club.
I'll always be in love with someone.

COURTNEY, CARL R. (Deacon) Greenfield
A. I. E. E., Scabbard and Blade, Pistol Team.
Automatic telephones cut down his date list.

DIXON, JAMES E. (Jim) Lexington
Η Κ Ν, A. I. E. E., Knight of St. Patrick '27.
What I mean to the Mo. Power and Light Co.

DUNLAP, ROBERT S. (Bob) Fulton
Η Κ Ν, A. I. E. E.
Just a Ding Dong Daddy from nowhere.

FOSTER, EDWARD Dearborn
A. I. E. E.
Disgusted with all the quest for sex appeal.

GLENN, ROBERT R. (Bob) Columbia
Triangle, Scabbard and Blade, A. I. E. E., Polo.
Married and happy.

HAYNES, CHARLES M. (Charlie) Columbia
Δ T Δ, Π M E, T B Π, H K N, A. I. E. E., Rifle Club.
He gets by on his reputation.

MANLEY, JACK M. Farmington
T B Π, H K N, Π M E.
Einstein's chief contemporary.

MILLER, CHAS. J. Edina
Π K A, Major ROTC, Scabbard and Blade, A. I. E. E., St. Pat's Board '28, '29, '30, Pres. '30, Bus. Mgr. Engr.'s Club '29.
The Romeo of the "Engine" School.

MCDONALD, H. M. (Mickey) Eldon
Acacia, H K N.
Has intervals of sobriety.

OLSEN, ELMER L. Kansas City
T B Π, H K N, Π M E, A. I. E. E., Orchestra '29, '30, Band '27, '28, '29, '30, Vice-Pres. Band '30,
The "Vulgar" Boatman.

RAY, CLYDE (Goof) Greenfield
H K N, T B Π, Φ H Σ, Pres., Bus Mgr. St. Pat's Board.
Don't insult his dignity—thinks he's somebody.

ROSENBERG, BEN (Mike) St. Louis
A. I. E. E., Campus Squad, Shamrock Staff '30, Swimming Team '30.
Think's he'll graduate this year.

SCHOWE, HARVEY F. St. Louis
A. I. E. E.
"Girls! come and get me."

SCHWARZ, HOWARD C. — Lexington
Δ K, A. I. E. E.
The quietest man we know.

WALKER, R. W. — Arcadia
Α Σ Φ.
I'm an expert in sex appeal.

WEISER, L. G. (Bud) — McKittrick
Triangle, H K N, A. I. E. E., Vice-Pres. '29, Pres. '30, Pistol Squad '28, Treas. Soph. Engr. '28.
Finally made H. K. N.

Juniors

ALLEN, R. A. (Bob) — Windsor
He don't believe in Santa Claus.

HANKINS, MAXEY A. (Hank) — Maysville
A. I. E. E.
"S" in Heat A—nuff sed.

GEMMEL, LEE (Slim) — Manhattan, Kans.
Φ K T.
He decided to come to a good school.

GOFORTH, RORT. MARVIN, JR. — Kansas City
Π K A.
The answer to a maiden's prayer.

INCE, FRANK E. (Ince) — Maplewood
A. I. E. E., Polo '29, Vice-Pres. Cong. Students, Shamrock Staff.
A civilized electrical.

SELVIDGE, HARNER — Columbia
Δ K, St. Pat's Board '28, '29, '30, A. I. E. E., Band '28, '29, '30.
Double jointed in both elbows from patting himself on the back.

TISDALE, SCOTT D. — St. Joseph
Δ T Δ, Glee Club.
He won't make a good Jayhawker.

VENCILL, G. J. (Venc) — Galt
Galt's leading citizen.

Sophomores

MOLLENKAMP, H. W. — Lexington
Shamrock Staff '29, '30.
A "Student Prince".

VARBLE, L. (Larry) — St. Louis
Σ Φ Σ.
One of the best borrowers in the class.

Freshmen

ARCHIBALD, ROBERT (Archie) — Columbia
Pistol Club.
No, he's not a lady's man.

OWENS, J. W., JR. (Jay) — Columbia
He's saving his line for someone.

Agricultural Engineers

ELSEA, JOHN W. (Jack) — New London
Scabbard and Blade, Cadet Major '29, Pistol Club, Pres. '29, Freshman Track, Pistol Team '27, '28, '29, Capt. '29.
Farm relief in actuality.

Juniors

PARKS, TED M. (Ted) — Columbia
Scabbard and Blade, Rifle Team '26, '27.
Women in love with him act strangely.

THE ENGINEER

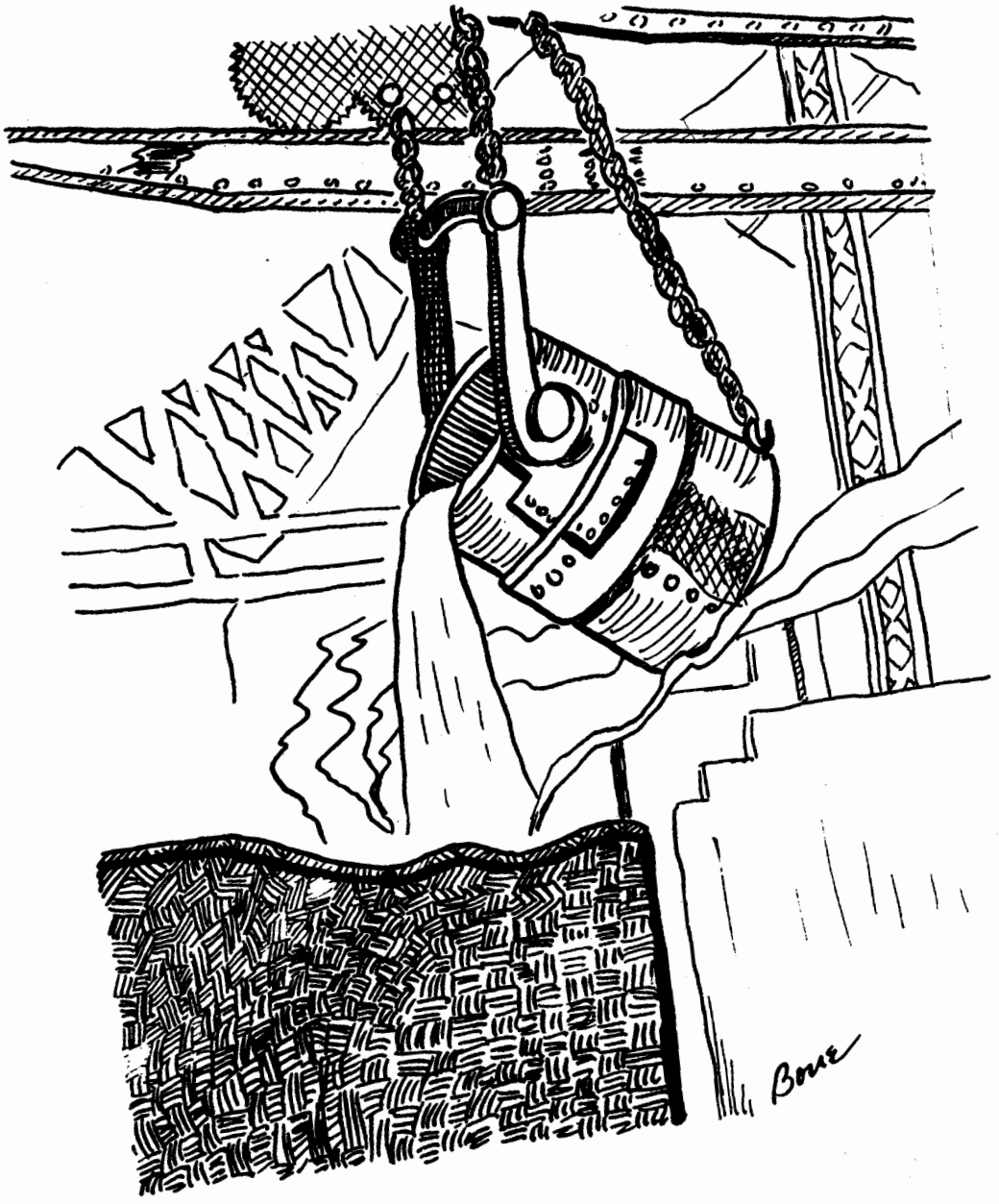
Back of the beating hammer,
By which the steel is wrought,
Back of the workshop's clamor,
The seeker may find the Thought,
The Thought that is ever master,
Of iron and steam and steel,
That rises above disaster,
And crushes it under heel.

The drudge may fret and tinker
Or labor with lusty blows,
But back of him stands the Thinker,
The clear-eyed man who knows;
For into each plow or sabre,
Each piece and part and whole,
Must go the brains of labor
Which give the work a soul!

Back of the motor's humming,
Back of the belts that sing,
Back of the hammer's drumming,
Back of the cranes that swing,
There is the eye that scans them
Watching through stress and strain,
There is the Mind which plans them,
Back of the brawn—the Brain!

Might of the roaring boiler,
Force of the engine's thrust,
Strength of the sweating toiler
Greatly in these we trust,
But back of them stands the Schemer,
The Thinker who drives things through,
Back of the job—the Dreamer
Who's making the Dream come true!

—Berton Braley.



Mechanicals

AMYETTE, ORVILLE (Runt) Hatton
Π T Σ, A. S. M. E., St. Pat's Board '28, '29, '30, Campus Squad, Treasurer Eng. Club '30.
This man likes Apple Dumplin's.

FERGUSON, A. R. Sedalia
Π K A, All Senior President.
And we always thought Sedalia was tough.

FREDERICH, B. H. (Burt) Webster Groves
Π K A, A. S. M. E.
What I mean to the Gamma Phi Betas.

HANSS, EDWARD H. St. Louis
Φ K, A. S. M. E., Vice-Pres. A. S. M. E. '30.
"Even Hanss knows that."

HASTY, C. R. Arcadia
Π T Σ, A. S. M. E.
Never in a hurry.

SOMMER, W. N. Appleton City
T B Π.
Mechanical fashion plate.

STRICKER, GEORGE E. Morrison
Triangle, A. S. M. E., Campus Squad.
Plant inspector and—at La Plata.

TATE, THOMPSON Williamsburg
Triangle, Π T Σ, A. S. M. E.
The boy from the wide spot in the road.

TURLEY, WILLIAM D. (Bill) Moberly
A. S. M. E., Band, University Orchestra, Pistol Club.
Another tough one from a tough town.

UPHAUS, ARON C. Lexington
Π T Σ, A. S. M. E., Chairman A. S. M. E. '29-'30.
"The Singing Fool."

WASHER, JOHN J. (Jonnie) Horine
Triangle, Mystical Seven, Student Council, Pan Hellenic '29, St. Pat's Board '28, '29, '30, A. S. M. E., Vice-Pres. Eng. Club '29.
And he claims politics is clean.

WILEY, F. H. Holliday
A. S. M. E.
A Stephens' Girl's Nightmare.

GORDON, D. M. (Grandma) Columbus, O.
Δ K.
Workshop's spotlight artist.

VINEYARD, JOHN Stotts City
A. S. M. E.
Professor Gray's sidekick.

WALDRON, C. E., JR. (Chuck) Kansas City
Σ A E.
A Jayhawker, tried and true.

WILSON, FRANK E. (Squat) Okmulgee, Okla.
Σ Φ E, Π T Σ, Shamrock Staff '30.
A real automotive expert.

BRAUN, J. B. St. Louis
Ain't lovin' nobody who ain't worth while.

DAWSON, FRANCIS N. (Fritz) Webster Groves
Π K A, St. Pat's Board '29.
The boy with the grapefruit contenance.

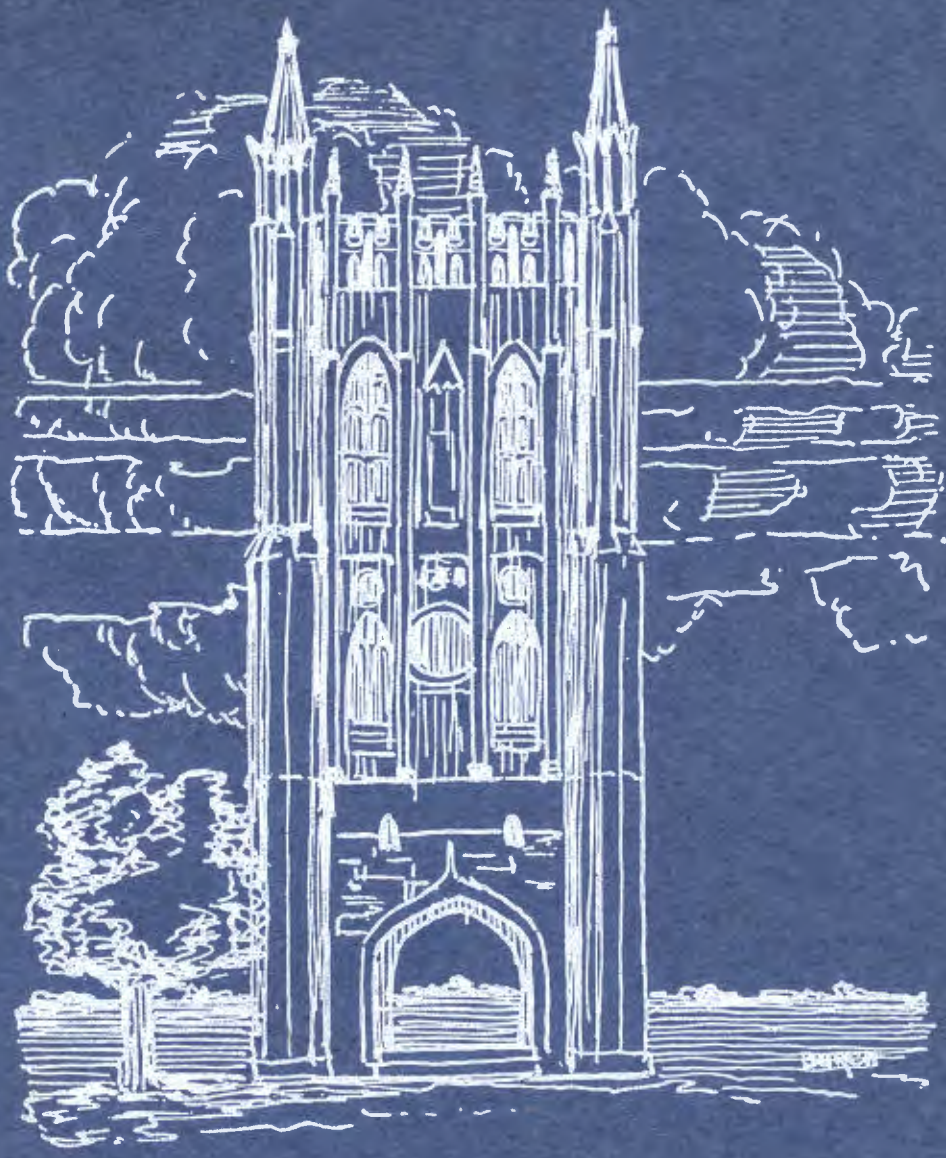
MEYER, KATHERINE Columbia
Pistol Club, A. S. M. E.
The Flying Mechanical.

RAMLOW, WILLIAM Sedalia
Π K A, Band, University Orchestra, Shamrock Staff '29, '30.
Shorty! Where's your shorts?

HARLAN WADE HIBBARD

With the death of Professor Hibbard, the College of Engineering lost one of its oldest and most colorful personages. Mr. Hibbard came to the University of Missouri in 1909 as Professor of Mechanical Engineering, in which capacity he served until his death on May 25, 1929. During this long period of service, Professor Hibbard exerted a dynamic influence on the lives of the engineering students, all of whom, at one time or another, came under his tutelage.

His aggressive personality and characteristic frankness will long be remembered by Missouri Engineers.



Organizations

The Engineer's Club

Donald C. Adams_____*President*
George Siekielski_____*Vice-President*
Glen M. Eierman_____*Secretary*
Orville Amyette_____*Treasurer*
Clyde N. Ray_____*Business Manager*

Donald C. Adams

The Engineer's Club is one of the most democratic organizations on the campus; it is essentially the meeting place of all engineers, regardless of department, class, social affiliations, or scholastic standing. Each student who enrolls in the College of Engineering automatically becomes a member. All student activities of the Engineering School function under three subsidiary organizations: the St. Pat's Board, the Shamrock Staff, and the Campus Squad.

The Board, which is composed of thirteen members, has active charge of all arrangements for the annual St. Pat's celebration.

The Shamrock Staff portrays the happenings of the year in vivid form in the annual publication known as the "Shamrock".

The Campus Squad is the disciplinary organization and was organized to persuade recalcitrant "mules" and "academs" to respect and uphold the traditions of the campus, held sacred by the engineers.

The Engineer's Club, now as in the past, ranks high in accomplishment and service. It is always a leader in student activities, both all-University and Engineering. Glancing back over the past thirty years, one finds the Engineer's Club in the midst of every major project, perhaps the most outstanding being the erection of the first bleachers on Rollins Field in 1905. The success of every undertaking in which the club has taken part was made possible only by the close co-operation and hearty support of every member in the College. It is through the medium of the Engineer's Club that every student in the College of Engineering becomes an integral part of one harmonious group which always holds in mind the one ideal for which every student should strive, "a greater Missouri".

MILLER
ZIEBOLD BAUER
AMYETTE
RAY WASHER FRANK SELVIDGE
GEORGE DAWSON
MORRIS RANDALL PIXLEY WHITEBREAD

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Alpha Chapter established 1902. *Colors*—Seal Brown and White.

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Bodine, Adams, Young, Olson, Dixon, Weiser
Manley, Howard, Haynes, Roland, Lanier, Ray

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Epsilon Chapter established 1925
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Haynes, Sevchuk, Roland, Lanier, Weiser, Wallis, Young, Miller

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Missouri University Student Branch

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Young, R. L.

Wiegers, Burch, Vineyard, Hasty, Frederich, Amyette
Wilson, Anderson, Rinker, Wilke, Anderson, Tate, Turley
Wharton, Wiley, Newton, Uphaus, Hanss, Selvidge

Student Branch of the American Society of Mechanical Engineers

Missouri Branch Affiliated in 1909.

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Activities

THE 1930 CELEBRATION

On March 17, 1902, the Engineers at the University of Missouri exultingly told the world that they had affiliated themselves with and sworn allegiance to the venerable St. Patrick. To-day, we celebrate the twenty-eighth anniversary of this traditional if not historic inception. We are proud to say that this celebration will in no way be lacking in the enthusiasm and exhuberance which is always characteristic of engineering activities, and with which the originators of the idea were so richly endowed.

This year the celebration will officially start on Thursday night, March 20, with a barbecue for all engineering students, faculty, and alumni. Friday morning and afternoon will be devoted to lectures delivered by prominent engineers. At seven o'clock Friday evening, Saint Patrick will appear and confer the degree of Knighthood upon those who have served him loyally for four years; immediately after the knighting ceremonies the laboratories will be opened to the public.

On Saturday afternoon Mrs. Hurty will be hostess at a Green Tea to be held in the library for all students and alumni. At six o'clock there will be a banquet, and at eight-thirty the same evening, the St. Pat's Ball, which will climax the celebration, will take place. During the Ball, the Queen will be presented and crowned by the representative of St. Patrick; the long waited for Shamrock will be distributed toward the end of the ball.

Due to the efforts of Professor Weinbach, we are fortunate in having with us the delegates of the American Institute of Electrical Engineers who are convening here, and who are guests of the local chapter.

CHARLES J. MILLER

Representative of St. Patrick

The Queen

We, the engineers, feel justly proud in presenting Miss Marian Hockensmith as Queen of Saint Patrick's Ball. She possesses the type of personality that is admired by every one with whom she comes in contact. To her goes the honor which it is possible for us to bestow.

Queen of St. Pat's Ball

ALEXANDER E. BETTIS, *Knight of St. Patrick*

Summa Cum Laude 1930

Mr. Alexander E. Bettis was born in Kansas City, Mo., December 16, 1885, and graduated from the Humboldt Ward School and the Manual Training High School of that city. He started to work for the Kansas City Power and Light Co. in 1903, and later was transferred to the Steam Distribution Department. The efficient manner in which he performed his duties led from one promotion to another and at the present time he is the Vice-President of the above mentioned company.

It was through the varied experience gained in his rise to his present position that he accumulated the vast engineering knowledge that he now possesses. He has grown as the electrical industry has grown, keeping pace with it and not letting it grow faster than he. The fact that the Kansas City Power and Light Co., is so up-to-date in its electrical equipment is evidence of this.

Mr. Bettis has for years been an active member of the N. E. L. A., having served on the Electrical Apparatus Committee for seven years, and at present is the President of the Middle-West Division. He is also a Director of the A. I. E. E., a member of the A. S. M. E., Engineer's Club, Electric Club, and a Rotarian.

The engineers of the University of Missouri are highly honored in having the opportunity to confer on Mr. Bettis the Honorary Degree of Knight of St. Patrick.

HENRY HARRISON HENLINE, *Knight of St. Patrick*

Summa Cum Laude 1930

Henry Harrison Henline was born at Colfax, Illinois, March 12, 1889, and was graduated from the University of Illinois in 1914 with the degree of B. S. in Electrical Engineering. After three years varied experience, including completion of the Chicago Central Station Institute course (1916), he accepted in 1917 a position as Instructor in Electrical Engineering at Stanford University. He was promoted to Assistant Professor in 1920 and to Associate Professor in 1924. In his work of instruction, he gave at various times many courses in electrical engineering, and was in charge of the machinery laboratory five years and communication engineering three years. He also assisted in high voltage research, and is the author of a paper on engineering education, one on standard frequency radio station, and joint author of three papers on high voltage subjects.

Mr. Henline was appointed to his present position as Assistant National Secretary of the A. I. E. E. in October 1926, and assumed his new duties in January, 1927. He has been active in Institute affairs for a number of years, having joined in 1919, and been transferred to the grade of Member in 1926. He has served as Chairman of the San Francisco Section, Counselor of the Stanford University Branch, and Chairman of the Committee on Student Activities Of the Pacific District (No. 8). His other memberships include Society for Promotion of Engineering Education, Institute of Radio Engineers (Member), American Association for the Advancement of Science, Eta Kappa Nu, and Sigma Xi.

We heartily welcome him to the University of Missouri and are highly honored in conferring Knighthood upon him.

BLAKE D. HULL, *Knight of St. Patrick*

Summa Cum Laude 1930

B. D. Hull was born in Galesburg, Michigan, in 1882; and moved to Kansas at an early age. He received his education at the Dephos, Kansas High School and the University of Kansas; graduating from the "Jayhawk" institution in 1905 with a degree of B. S. in Electrical Engineering. Since that date he has been in the employ of the Southwestern Bell Telephone Co. and at the present time is Chief Engineer, supervising all telephone operations in the state of Texas. Mr. Hull is a leading figure in the field of Electrical Engineering; at the present time he is Vice-President of the Seventh Geographical District of the American Institute of Electrical Engineers; First Vice-President of the Dallas Electric Club; and a director of the Dallas Technical Club. He is also affiliated with the American Institute of Radio Engineers.

Nor is he solely interested in affairs pertaining directly to his profession; he is a member of the Dallas Country Club, a Mason, and a member of the Highland Park Presbyterian Church.

We are fortunate in having Mr. Hull with us during this celebration, and in recognition of his achievements as an engineer we feel proud in conferring this knighthood upon him.

JOSEPH H. PORTER, *Knight of St. Patrick*

Summa Cum Laude 1930

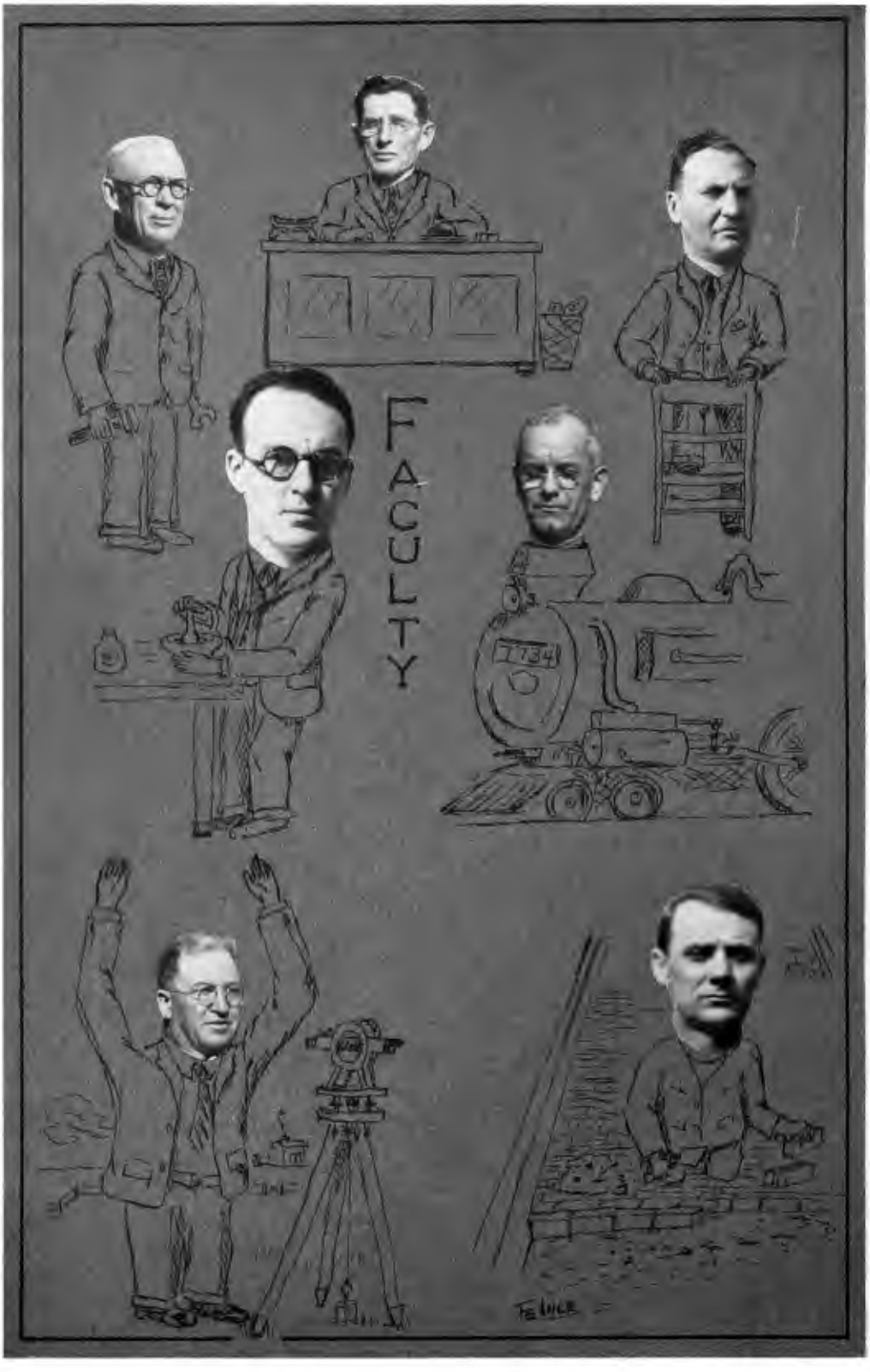
Joseph H. Porter was born June 27, 1863, near Woodbine, Iowa, attended grade and preparatory schools in that city and graduated from Iowa State College with the degree of B. C. E. in 1884.

Mr. Porter has devoted his entire life to public utility work or some of the affiliated industries. His first work after finishing college in 1884 was with the Des Moines Edison Light Co. He then went to Chicago with the Western Edison Light Co. In 1887 he went into the electrical contracting business in St. Louis; he later disposed of his holdings to the Edison Electric Manufacturing Co., which is now the General Electric Co.

In 1892 he became associated with J. G. White and Co. with whom he remained in the capacity of President until 1917. He then entered into the employ of the Kansas City Power and Light Co., of which concern he is now President.

Mr. Porter needs no introduction to the University of Missouri especially to the College of Engineering. He is the donor of the Ralph E. Porter Laboratory which is splendidly equipped with the most modern electrical apparatus and is a very important adjunct to the Electrical Engineering Department. This laboratory is to perpetuate the memory of his son, Ralph E. Porter, who accidentally lost his life, a short time after graduating from the College of Engineering, while in the employ of the General Electric Co. at Schenectady, New York.

Needless to say that we are proud to have this opportunity to show our esteem for Mr. Porter, whom we recognize as an outstanding engineer and a benefactor; and we welcome him as an Honorary Knight of St. Patrick.


FACULTY

EDITORIALS

DEVELOPMENTS IN ENGINEERING EDUCATION

DEAN E. J. MCCAUSTLAND

During the year 1929-1930 some changes in policy have been made in the College of Engineering that, in the opinion of the Faculty, strengthens its position in the field of engineering education.

During the session of the last General Assembly, provision was made to conduct a searching survey of the educational institutions of the State and specialists were assigned to report on various departments.

To Mr. H. P. Hammond, of the Brooklyn Polytechnic Institute, New York, who had a part in the educational investigation made some years ago by the Society for the Promotion of Engineering Education, was assigned the study of engineering education in state schools. His attitude was sympathetic but his conclusions were in some degree critical. As a result of his findings and in accord with previously held opinions of the College Faculty, certain changes have been effected in our curricula. Not the least of these changes is the increase in the normal number of credit hours that may be earned during a semester. It was found that our normal load of fifteen credit hours per semester was quite out of line with most engineering schools of the country in which the normal load is seventeen or eighteen. After careful consideration our Faculty established a normal of seventeen credits per semester or a total requirement of one hundred thirty-six credits for the Bachelor's degree. Although this modification is merely a change in the manner of computing credits, yet it is believed that a readjustment of the subject matter within the departments will be made and will result in a greater unity within the various curricula.

The investigator was further impressed with our physical limitations and it is hoped that the final report to the Legislature may strongly recommend increased financial support.

The members of the class of 1930 may not receive any direct benefit from these important changes but indirectly they may profit by the increased possibility of their Alma Mater extending its influence and the scope of its training.

In spite of the serious disturbances in the financial field during the closing part of 1929, it does not appear that the industries are restricting their activities in any degree. We have been visited this year by a larger number than ever before of representatives of industry seeking to interview our graduates.

To the class of 1930 and to all who have preceded them, we offer this brief report of present conditions and future prospects.

THE ENGINEER'S PLACE IN MODERN SOCIETY

PROFESSOR A. C. LANIER

Too frequently, the engineer, engrossed in purely professional concerns, fails to realize the significance of engineering in modern life. He understands but imperfectly the dependence of our industrial civilization upon engineering services, on the one hand, and, on the other, the relationship of these services to the varied interests of society.

Although the contributions of the engineer to ancient civilizations were of great importance, the present day industrial civilization is peculiarly the product of his resourcefulness in mechanical invention and in the organization of productive resources. The complex processes of modern production and distribution are the results, largely, of an abundance of cheap mechanical power, of large scale, rapid transportation and of extensive communication—all the work of the engineer.

Modern society, however, has a wide variety of needs and interests other than those of a purely material and economic character. The engineer should be intelligently acquainted with these extra-economic interests, and should understand the relationship of his professional services to them. If his training and outlook on life are narrowly professional, he will fail to appreciate these relationships.

It is important, therefore, that the young engineer should begin early to develop extra-professional interests and contacts: interests in literature, music, art; contacts in civic and social life. He will find them sources of ever increasing personal enjoyment; and, in addition, they will constitute an invaluable background for greater professional effectiveness.

OPPORTUNITY

PROFESSOR HARRY K. RUBEY

That broad technical and administrative opportunities are open to engineers is unquestioned. However, all engineers do not attain outstanding success. The engineer must develop as an individual in order to grasp the opportunities open to his class.

Character is the basic requirement for success and happiness. It is said that one man in five thousand permanently succeeds in business without character. We are in a period of shifting codes, philosophies, and ideals, but character is unchanging.

College grades tend to correlate with success after graduation. Your first and most important opportunity is to class duties—not grudgingly but with active interest. It pays. Consultation with the Faculty and avoidance of overloading with studies,

athletics, outside work, extra curricular activities etc., will minimize the possibility of elimination from college and damage to your health. An engineer avoids overloads.

Actual studies show that some successful engineers participated in college activities aside from class work and that an equal number did not. It is probable that the value of such activities, particularly where excessive, has been over-rated.

A right start after graduation is half the battle. Choose early that work in which you are interested and competent—preferably before graduation. Discuss your choice with interested friends and work at it during the summers.

Nearly all the industries in the United States are growing and will carry the competent men upward with them. There is little opportunity for the incompetent or unadjusted man.

Health is a vital necessity. Conserve and improve it.

The Faculty wishes you success. Your success measures their effectiveness.

THE SUCCESS FACTORS IN ENGINEERING

PROFESSOR ROBERT W. SELVIDGE

Thorough technical training is a necessary foundation for success in engineering, but thorough technical training does not assure success. Employers assume that a young man is well trained technically if he has made a good record in college. This is fundamental, and easily determined.

In addition, there are certain factors which they know will contribute to his success. These success factors as revealed on the form of inquiries concerning engineering students may be grouped as follows:

General Education

This includes not only the formal courses given in college, but a knowledge and appreciation of those social conventions of language, dress, and manners which represent the common practice of the group in which you expect to live.

Under this are included many of the elements attributed to personality, such as, general appearance, attitude, dress, personal neatness and care.

Initiative

Initiative and independence result from originating and carrying out ideas. This self-reliance is the result of a willingness to accept responsibility. The man who is unwilling to accept responsibility for his judgment and take the consequences of his act is not likely to make much progress in the field of engineering.

Honesty

This includes not only accuracy of statement, sound moral principles, moral courage, and fair-mindedness, but absolute integrity with respect to your work of every character. An engineer may never distort a fact or ignore the actual conditions of a situation however he may deplore them.

Tact

This includes adroitness and quick appreciation of the proper thing to do or say.

Poise

This includes the ability to control and conceal one's emotions and to proceed with an apparent feeling of power and mastery in any situation.

Loyalty.

This includes a attitude of helpfulness and disposition to co-operate, and a hearty support of superior officers.

MR. VAUCLAIN AND LADY LUCK

In 1919, Samuel Vauclain played a long shot. The newly born Polish republic was badly in need of locomotives, and had no money to pay for them. At the same time, with the slowing up of industry after the war, the Baldwin Locomotive Works needed contracts to keep its plant in operation. Mr. Vauclain, as president, agreed to furnish Poland with locomotives to the value of $6,965,000, the money to be repaid in 10 years. Mr. Vauclain's associates, to put it mildly, were dubious. They advised against the project. Perhaps, if the truth were known, they pleaded with Mr. Vauclain to change his mind. He was adamant.

Ten years have rolled around and the other day Poland handed the Baldwin treasurer a check for $995,000, representing the final payment of the debt. And so it is that Mr. Vauclain's desk is banked with flowers and such newspapers as the New York Times say on their front pages: "Mr. Vauclain's judgment has been vindicated." Far be it from us to introduce a sour note into this pretty scene. But, after all, wasn't the judgment of Mr. Vauclain's associates really better than his own? Mr. Vauclain couldn't know that Poland would still exist in 1929, or that it would be able to pay the debt. He was, we repeat, taking a long shot, considering the unsettled condition of Europe at the time, and the precarious position of the struggling young nation of Poland.

In that transaction, Lady Luck was rooting for her fair-haired boy Samuel. Nor do we say it in any derogatory sense whatever. The point is that the difference between captains of industry and obscure men is frequently to be accounted for by the caprices of that jade. There have been few great careers in which fortune, chance, luck, "the breaks," or whatever name may be applied to that intangible element, is not discernible as an important, if not the controlling factor.

—St. Louis Post-Dispatch.

AND
FACULTY

SCHOLARSHIPS AND PRIZES

In accordance with the established custom, the Shamrock Staff has decided to call the attention of the engineers to various scholarships which are awarded annually to the ranking students of the College of Engineering.

The Missouri Engineers of Chicago Scholarship

This scholarship was established by the Chicago chapter of the Missouri Engineering Alumni Association, to be supported by subscriptions among its members. The candidate must qualify under the following rules: (1) he shall have had at least 2½ years previous work in the College of Engineering of the University of Missouri; (2) he shall be among the first ten of his class in scholastic standing; (3) he shall have participated creditably in one or more activities.

The Scholarship for the year 1928-29 was awarded to Duis D. Bolinger of St. Louis, Missouri, and amounted to $175.

The Engineers Club Prize

In June, 1928 the Engineers Club of the University of Missouri established a scholarship prize to be awarded to the two freshmen engineers who have maintained the best record based on scholarship and general activities. The nature of the prize has not as yet been determined.

Eta Kappa Nu Prize

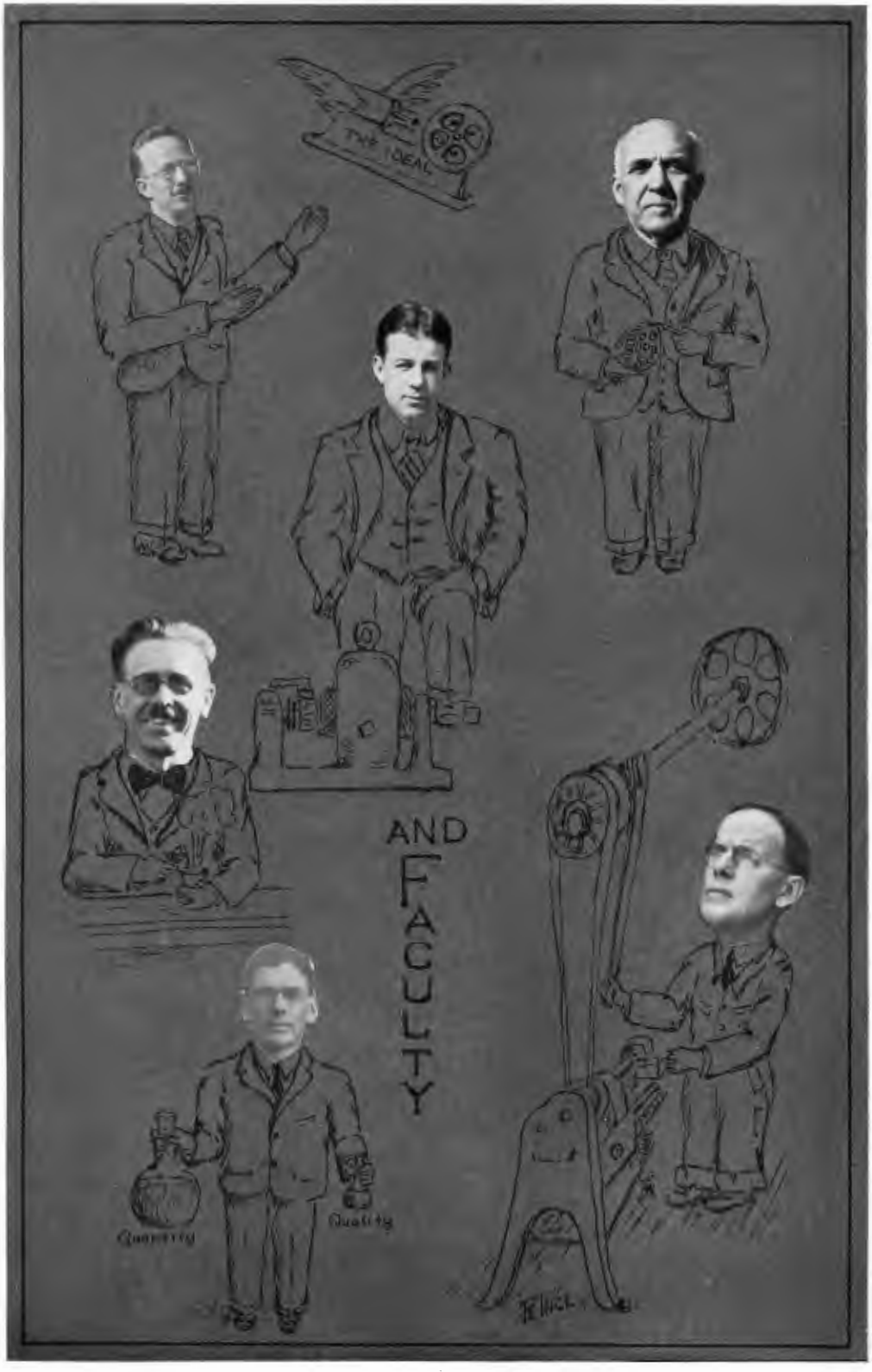
The Iota chapter of the Eta Kappa Nu awards a handbook or slide rule to the highest ranking sophomore electrical engineer. The ranking is based on scholarship alone. The award last year was given to Richard L. Young of St. Louis, Missouri.

Pi Tau Sigma Prize

The Epsilon chapter of the Pi Tau Sigma awards a handbook or slide rule to the highest ranking sophomore mechanical engineer. The ranking is based on scholarship alone. The award last year was given to Edson P. Burch of Jefferson City, Missouri.

James S. Rollins Scholarship

The sum of $50 is awarded to a fourth year student based on recognition of merit and character.


THE IDEAL
AND FACULTY
Quantity
Quality

ENGINEERS IN ATHLETICS

This year the College of Engineering has been represented better than usual on both the Varsity and Freshmen athletic teams.

Football

The engineers on the Varsity Squad were Robert Armstrong, Stanley Cox, and William M. Erickson. The Freshmen who won numerals were Edward W. Holden, Henry J. Ochs, and Terry S. Whitebread.

Basket Ball

The "Engine" School has no representative on the Varsity Basket Ball Team. However, Norman Wagner who is one of the outstanding players on the Freshman team will undoubtedly be holding down a varsity berth next year.

Swimming

Fred Hubbell, Ben Rosenberg, and Owen A. Teague are showing up well on the newly organized swimming team and promise to give all "Big Six" natators some stiff competition.

Polo

Every year polo is becoming more popular as a minor sport. L. A. Scott, C. A. Field, and Duis D. Bolinger were on the squad.

ENGINEER-LAWYER FOOTBALL GAME

FRANK E. WILSON

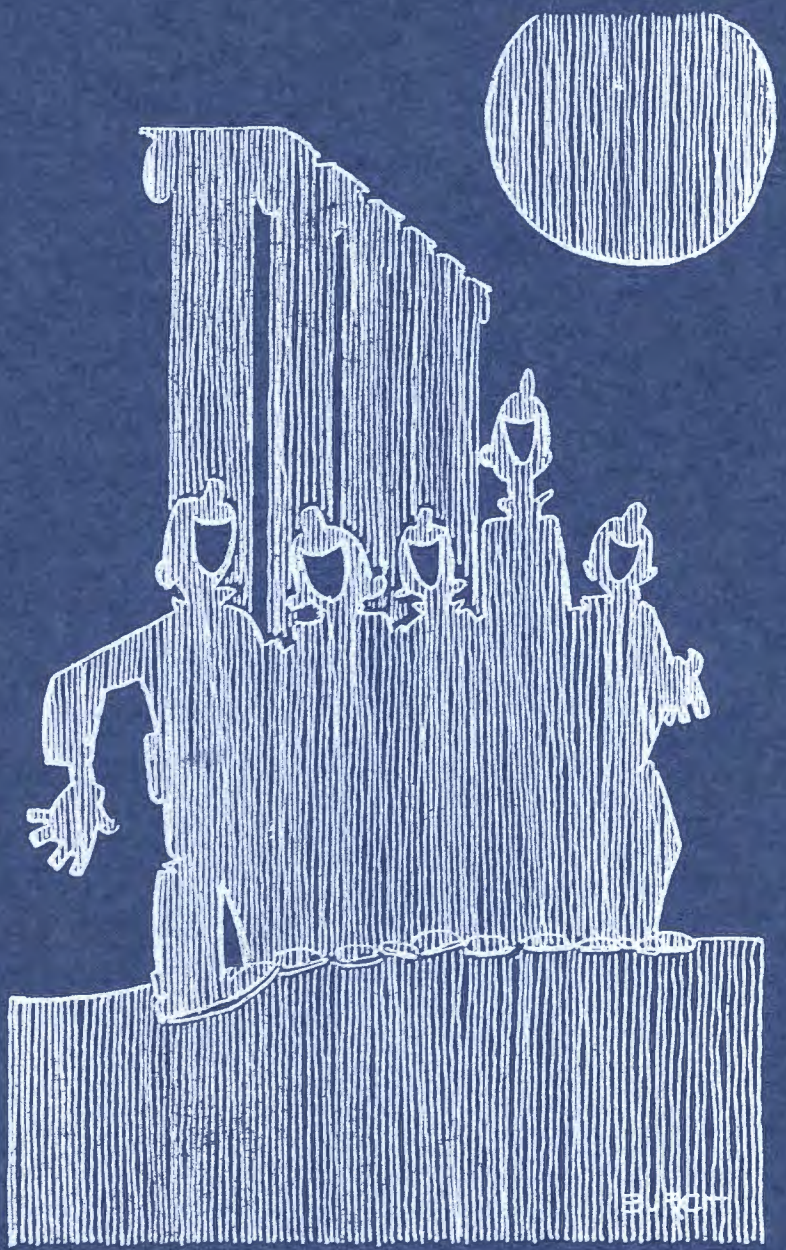
Probably the most interesting event in the order of athletics is the so-called Engineer-Lawyer football game. True to form, however, there was only one member that was dressed to play "for" the "laws," that was a lawyer—the rest were Pre-meds, Arts and Science, Ags, B. and P. A.'s, and Journalists. When the faces began to show up on the playing field we were expecting to have all the schools represented in the game; but the Fine Arts students did not seem to have any members on the distinguished list of freshmen players. Consequently we were unable to title the game Engineers vs. M. U. (less varsity letter men). One other important thing was the fact that the Engineers were criticized for delaying the game because of uniform changes before substitution. We that know demand that the fact be known that it was also the usual work of the lawyers to use swindling methods and obtain one of the Engineer's suits for an Aggie to wear.

To go on with the game—the day was rather dark and cold. The three-piece lawyer band marched on the field, and the interested crowd began to form. The "laws" wanted to see how their selection of men could play ball, so about fifty came by for a few minutes. Of course all of the Engineers that were not at work, came over to see that the lawyers did not try to buy off the officials before or during the game.

After the ball was kicked by the Engineers at 2:29½ P. M., it was in a succession of goes and comes about the field until finally "Willie" Hudson turned loose and captured a lawyer pass and started for a touchdown. All the Engineers feel that "Willie" would have made his name famous as a ball carrier if a lawyer had not served papers for "trespassing" and made him stop his proceedings to sign on the dotted line—when, oh yes; when a journalist pounced upon him with such violence that "Willie" wanted air,—"more air." It was not so long until the Engineers had scored a touchdown. Then it was that the Lawyers used the foul methods because the fair had proven unsuccessful. To make a long story short, the game ended with the score in favor of the laws, but the moral victory remained in the mind and heart of every Engineer that saw the game.

Those playing on the Engineer's team were: Buell, Woods, Selvidge, McGinnis, Harley, Waldron, Cunningham, Hudson, Hall, Stagner, Cebe, Renner, Clare, Kaessed, Morse, Baker, and Ochs.

FOR RECOGNITION



Blarney

BUT BELIEVE IT OR NOT
ST PAT WAS AN ENGINEER

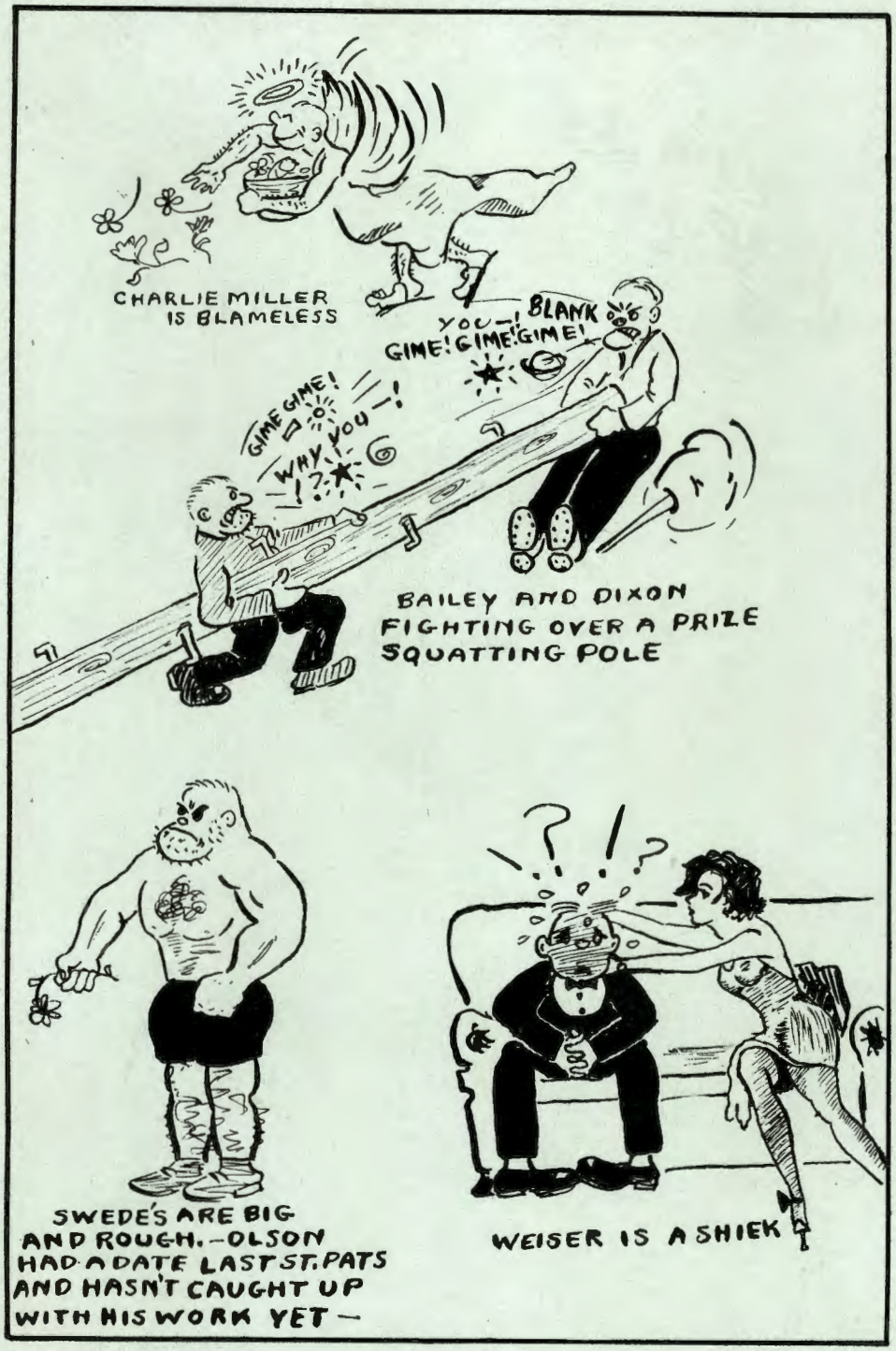
PSALMS
REV. DUNLAP WILL HOLD SERVICES FOR THE SAT. NIGHT SEWING CIRCLE NEXT TUE. MORNING
JUST ONE HAPPY FAMILY — RALPH GEORGE BOB GLEN
M
"AND A LITTLE CHILD SHALL LEAD THEM" — ADAMS IS PRESIDENT OF ENGINEERS' CLUB
OTTO MEYER'S "NAP. II"
ST. LOUIS
LTP
NO IT WASN'T REALLY HIS CAR
WESTPHALIA
JOHN CRAIG WAS NOT WITH US LAST WEEK END

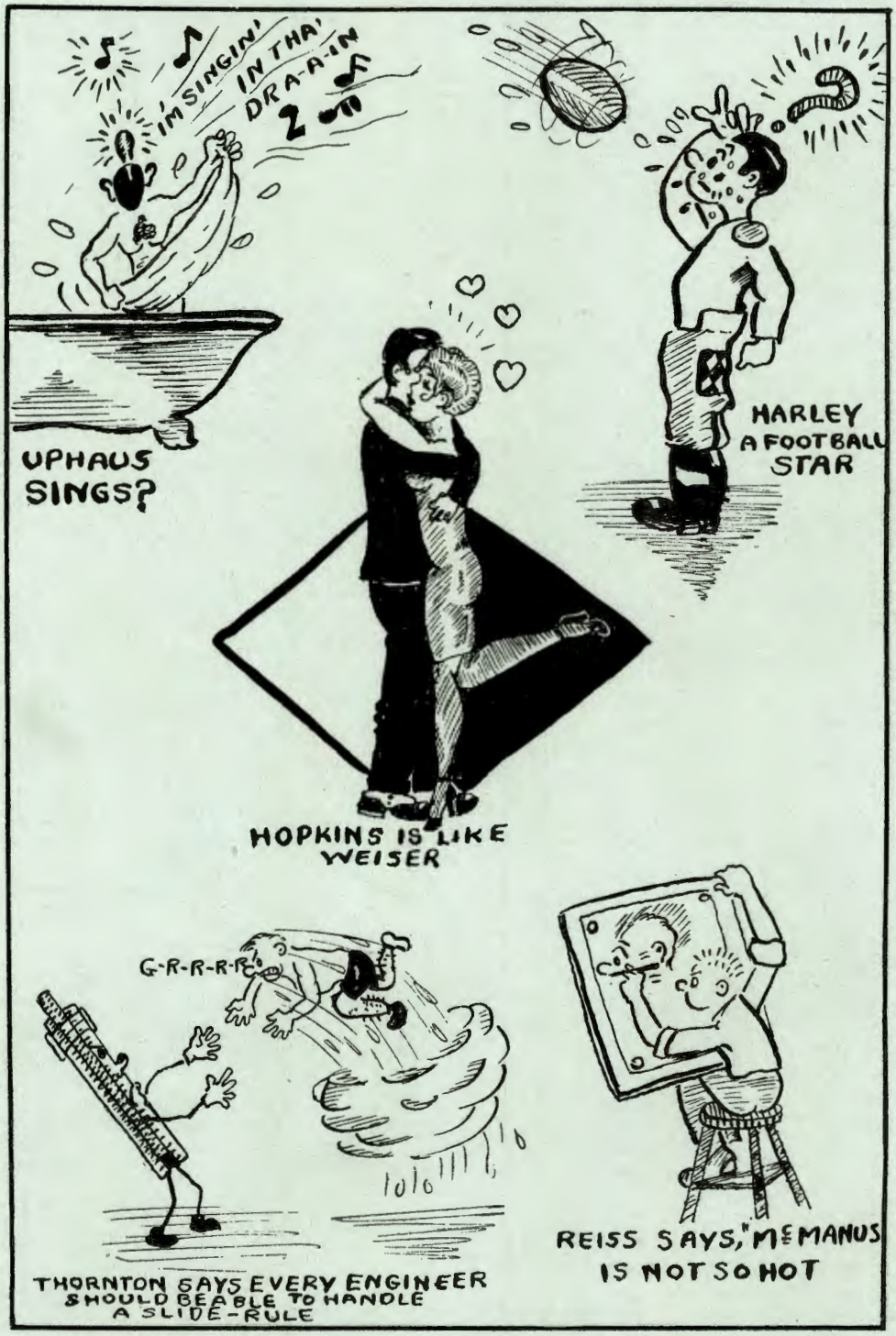
WILEY IS THE BEAU BRUMMEL OF THE MECHANICALS
SIR - SUCH AND SO! WHY YOU BLANK BLANK !!©
BIRTH CERTIFICATE
OUR EDITOR — — ALWAYS COURTEOUS —
"REALLY — I'M TOO SMART TO DELIVER GROCERIES-" HOWARD
MANLEY — PROFESSOR OF PHYSICS AT THE THETA HOUSE
THIS FELLOW RAY ONLY WEARS A SIZE "14" COLLAR

DAM THET DECIMAL POINT
BOLINGER BUILDS A BRIDGE
CLEAN SHIRT COSMETIC ETC.
SCHOWE STARTS FOR THAT ST. LOUIS DATE
ROSIE - ALTHO' AN ELECTRICAL - STILL A DAMN GOOD FELLOW

PUFF
PUFF
PUFF
PUFF
PUFF
AMYETTE COLLECTS DUES FROM DAUGHERTY
BOOM
SAPPER GETS A BULLS-EYE
476-477-478
479-480---
SOMMER'S APPLIED MECHANICS (YO-YO)
JOE CAPELLI - AN AMBITIOUS YOUNG ENGINEER

HOME SWEET HOME
COOK'S MARRIED — NUFF SED!
ICKE HAS FOUND A WAY TO STUDY - AT LAST
BAUER AND WASHER CONGRATULATING EACH OTHER ON THE CLEANLINESS OF POLITICS
MECHANICS
GOVE USES THUMB TACKS TO TACK UP MECHANICS NOTICES
FIELD PLAYS POLO


CHARLIE MILLER IS BLAMELESS
YOU—! BLANK GIME! GIME! GIME!
GIME GIME!
WHY YOU—!
BAILEY AND DIXON FIGHTING OVER A PRIZE SQUATTING POLE
SWEDE'S ARE BIG AND ROUGH.—OLSON HAD A DATE LAST ST. PATS AND HASN'T CAUGHT UP WITH HIS WORK YET—
WEISER IS A SHIEK


I'M SINGIN' IN THA' DRA-A-IN
UPHAUS SINGS?
HARLEY A FOOTBALL STAR
HOPKINS IS LIKE WEISER
G-R-R-R-R
THORNTON SAYS EVERY ENGINEER SHOULD BE ABLE TO HANDLE A SLIDE-RULE
REISS SAYS, "McMANUS IS NOT SO HOT

WELCOME

THE 1930 CALENDAR

Sept. 10.—Ray and Adams greet the freshmen.

Sept. 11.—Registration for all students including Sapper, Glenn and Dixon. Cook, Noland, and Jenkins came back double.

Sept. 25.—First club meeting. Dean McCaustland delivers address, and invites the boys to visit him frequently, but warns against undue delay in the outer office.

Sept. 26.—Bodine reaches for a "Lucky" in the Physics building. The Ags reach for Bodine.

Oct. 8—Dave Cunningham comes back from the "Smoky City" and visits his old haunts.

Oct. 9.—Engineers hold smoker. Even "Piggy" and the Freshmen stayed away.

Oct. 19.—Otto Meyer cuts class to entertain the Boy Scouts.

Oct. 21.—Meyer and the Campus Squad make themselves felt.

Oct. 26.—Homecoming,—the Grads failed to put over the Memorial campaign.

Oct. 29.—Bob Glenn and Ralph George enliven proceedings in Water Power.

Nov. 13.—Engine Club meeting—another dead affair.

Nov. 16.—Steelwork on the field house completed without a hitch. "Piggy" Williams admits that he did a perfect job when he "laid out" the building.

Nov. 18.—"Reverend" Dunlap succeeds in staying awake in Electrical Measurements.

Nov. 25.—The Razzers are "busted." Who'll sing "Alma Mammy" now?

Nov. 26.—The "SHAMROCK" Staff has its first meeting.

Nov. 27.—Thanksgiving Holidays. Clyde Ray takes advantage of the brief respite to review Dunlap's library of spicy stories.

Dec. 7.—The Engineers lose, as usual, to the so-called lawyer team.

Dec. 18.—"Wienie" presents the Electricals with a Christmas present; Christmas cheer in the form of ten A. C. problems.

Dec. 20.—Gove issues last call for Mechanics problems.

Jan. 1.—Back again—everybody grouchy—nothing to look forward to but finals.

Jan. 18-25.—A week of real agony—Senior mortality high.

Jan. 25.—Daugherty races another freak I-in Route Surveys—"Horse shoes," says we.

Jan. 27.—Second semester starts—noticeable decrease in population.

Feb. 5.—Ho-hum: another Engine club meeting. Bright Freshman inquires if club has a president.

Feb. 7.—Noland seen without his slip stick. Whatnell.

Feb. 14.—Hopkins seen driving another new car—girls, beware.

Feb. 16.—Palmer departs, leaving the Staff "holding the sack."

Feb. 21.—Lyde Howard "pounds the puppies" at Jamie's in preparation for St. Pat's.

Mar. 1.—SHAMROCK goes to press.

Mar. 22.—The end of a great St. Pat's celebration.

June 4.—Commencement. We lose some good men.

June 5.—Au revoir.

BIG DAYS IN THE "ENGINE SCHOOL"

WHEN—

Clyde Harley forgot his importance.

Noland got through Calculus in spite of Dr. Betz.

Bondurant turned down a dance bid.

Armstrong forgot he played football.

Hudson announced his intentions toward Golson's Candy Shop.

The Engine club pledged $500 to the Memorial Fund.

Adams really said something at an Engine meeting.

Selvidge had a good word for everybody save himself.

Wienbach failed to berate the Civils in his usual bristling lexicon.

Someone placed these gags in the collection box.

Sandoval gave his version of Mexican assassinations.

Olsen quit dreaming about his last year's St. Pat's date.

Howard admitted there was something he didn't know.

Armstrong admitted he was lacking in sex appeal.

Ralph George received his degree.

Any student gets through Heat A.

Capelli didn't feel like talking.

Daugherty and Westall got to class on time.

When Buell took a back sight by looking through the wrong end of the telescope.

Rosenberg missed one of Jameson's dances.

Washer tried to collect the $500 for the Memorial Fund.

"Piggy" Williams assured and convinced the members of the Higher Surveying class that no bodily harm would befall those sitting near his desk.

"Buzz" Bauer was seen in the Engineering building.

Bob Gove vowed he wouldn't "cuss" any more.

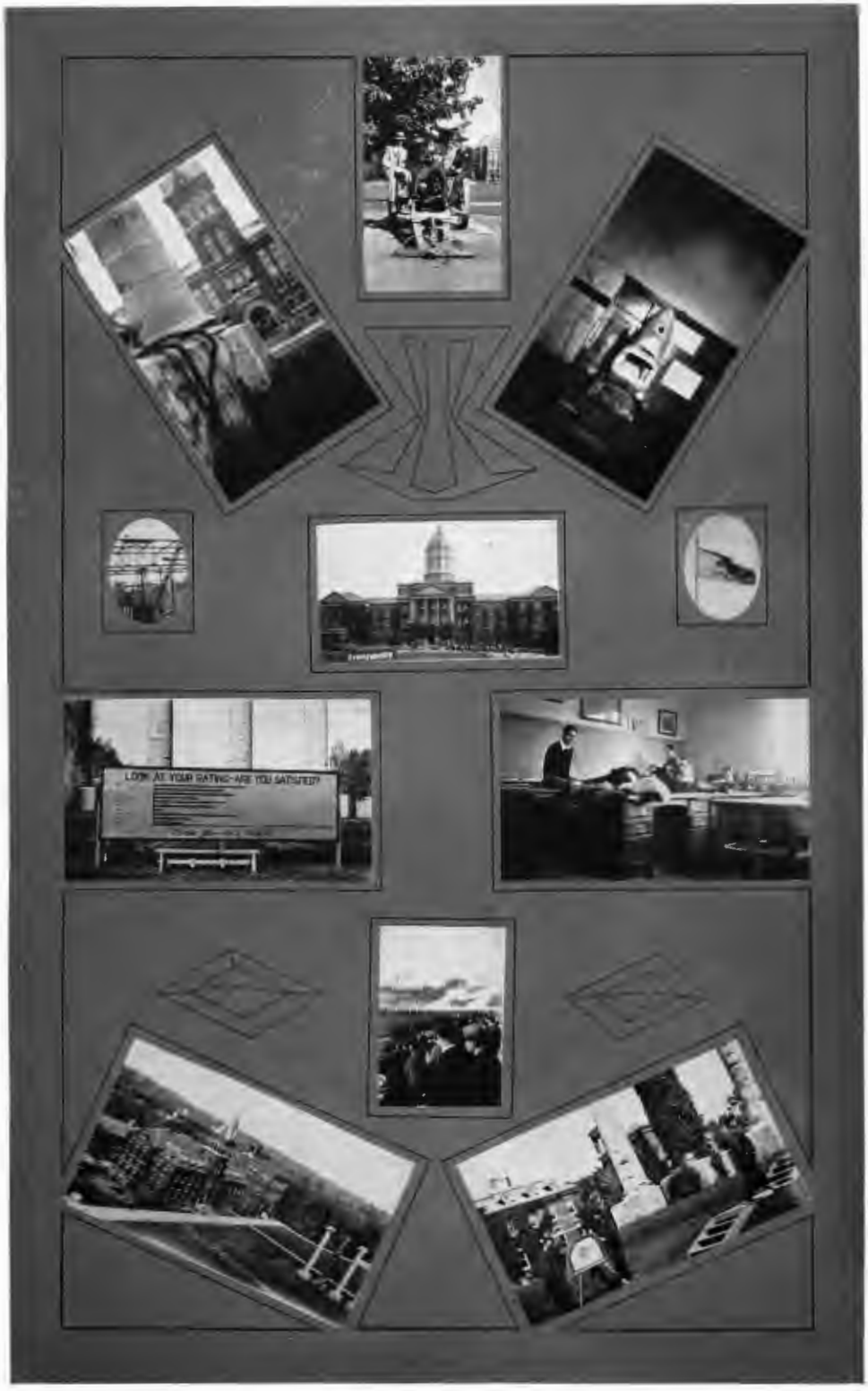
Harry Frank decided he was a pretty "hot" politician.

"Fritz" Ziebold coaxed his dog off the Plane Table, much to "Piggy's" joy.

Dorsey decided that he needed stirrups on his transit.

An Electrical turned down an office.

Ray got his Auburn—wrecked.


LOOK AT YOUR RATING-ARE YOU SATISFIED?

HEARD AT PI MU EPSILON MEETING

Otto Meyer: (To Mr. Duncan) "You've reversed the order of that series."

Mr. Duncan: "By whose authority do you say I cannot change the order of this series?"

Otto: "Because the legislature passed a law prohibiting it."

The latest rule in deleted football is that you cannot run with a fumble. Carter says that, "after the third period, a fumbled flask is anybody's property."

McDonald: (Bumping into lamp post) "Excuse me, Sir."

McDonald: (Bumping into fire hydrant) "Excuse me, Little Boy."

McDonald: (Bumping into second lamp post and falling down) "Well, I'll juss sit here till the crowd pas-h-es."

Agnes: "How do you tell those Anderson twins apart?"

Thresa: "That's easy. Cody always blushes when we meet."

"I grade by the curve system," announced the professor as he glanced at the row of beautiful co-eds in front of him.

Hop: "Have a drink. I made it myself."

Howard: "No thanks. I just paid two dollars for my dinner."

Harry Frank (Who has cornered a burglar in the Z. B. T. house): "Hands up or I will shoot."

Quick-witted Burglar: "Five buck for de gat."

Frank: "Sold."

Freddy Horne: "I threw my knee out of joint doing the Charleston."

McPeak: "Lucky for you that you weren't doing the Black Bottom."

Gans: "Is my face dirty, or is it my imagination?"

Ziebold: "Your face isn't. I don't know about your imagination."

ENGINEERS!!

The Business Firms who have advertised in these pages have made possible the production of your annual.

Help them as they have helped us!!

FRATERNITY JEWELERS

We specialize in manufacturing special emblems and pins.
Estimates and designs furnished upon request.
Your mail orders are solicited.

J. A. BUCHROEDER & CO.

Manufacturing Jewelers

COLUMBIA, MO.

ENGINEERING BLUES

The logarithms come and go.
The air is full of surds.
The floor is caving inwards—
The profs are full of words.

They are seated on my family pride,
I think they're playing whist.
Well—let them take me for a ride,
We all cannot exist.

There's lots of room in this old game
For looney birds like me,
So come and take Engineering,
You're always welcome.—Whee!

PHONE 1833 1101 BROADWAY

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"Service and Quality"

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Spring Suits are Ready for You

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VICTOR BARTH CLOTHING CO.

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COLUMBIA, MO.

Phone 5422

The skeleton of a man with his legs wrapped around his neck was unearthed recently. Evidently the rumble seat is older than we thought it was.

Statistics show that there are six times as many plumbers now as there were in 1900, but most of them call themselves radio experts.

Why They're in College

One tenth for the money
Two tenths for the show
Three tenths to get ready, and
Four tenths to go.

Columbia Special

Three little bootleggers,
Sitting on the floor,
In came the sheriff,
Then there were four.

D. C.: Mother, do they have electric plants in heaven?

Mother: No dear, it requires engineers to build electric plants.

Solomon wrote his songs the night before and his proverbs the morning after.

BOSTONIANS

"Shoes for Men"

LEVY'S

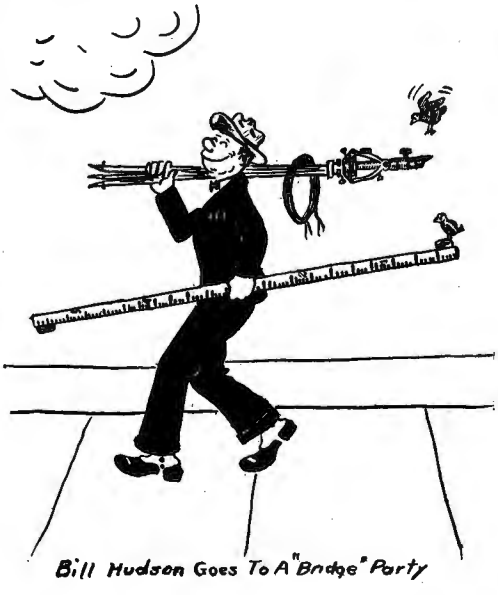
18 SOUTH 9TH

St. Pat?

Did the

J.C. PENNEY CO. INC.

sell him his first green suit? No! We were not in business then. But we must modestly admit that, had we been in business at that time, St. Pat would certainly have been interested.



Bill Hudson Goes To A "Bridge" Party

Bondurant: Don't you love to see a man smoke a pipe.

Opal: Yes. Why don't you give yours to one.

Prof: Can you give me an example of a commercial appliance used in ancient times.

Capelli: Surething. The looseleaf system was used in the Garden of Eden.

Tommy Sr.: What is steel wool.

Tommy Jr.: The fleece of a hydraulic ram.

CORRECT????

A circle is a rectilinear figure of which all the radii are the same length.

A point is a dot with space all around it.

An angle is where two lines meet and start out in opposite directions.

An angle is two straight lines drawn from the same point with one end open.

Detour: The roughest distance between two points.

House warming: Last call for wedding presents.

Prunes: Plums with inflammatory rheumatism.

Cannon: A long hole surrounded with steel.

Bachelor: Guy who didn't have a car in his younger days.

$YSTEMATIZE YOUR $CHOOL DAY$

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A Savings Account lays the foundation for Business and System in later life.

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Established 1857 R. B. PRICE, President

Where St. Pat Buys His

Books And Supplies

Missouri Store Co.

Opposite University Library

COLUMBIA, MISSOURI

Sam Nutting: Father, you're a lucky man.

Father: How's that?

Sam: You won't have to buy any books this term. I am still in the same class.

Enterprising undertaker: My firm would be glad to take care of your corpse.

Bereaved Engineer: Submit sealed bids on Thursday, please. I am letting this contract on a competitive basis.

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THE MODEL LUNCH ROOM

$5.00 meal ticket for $4.50

11 North Ninth Street

Minister: My lad, do you know what becomes of little boys who use bad language when they break their toys?

Clyde Ray: Yessir, they grow up and take engineering.

Absent-minded Prof: Elizabeth, I believe I have lost the road.

Absent-minded Prof's Wife: Are you sure you had it with you when you left the house?

Fredendall's

3 FLOORS OF QUALITY MERCHANDISE

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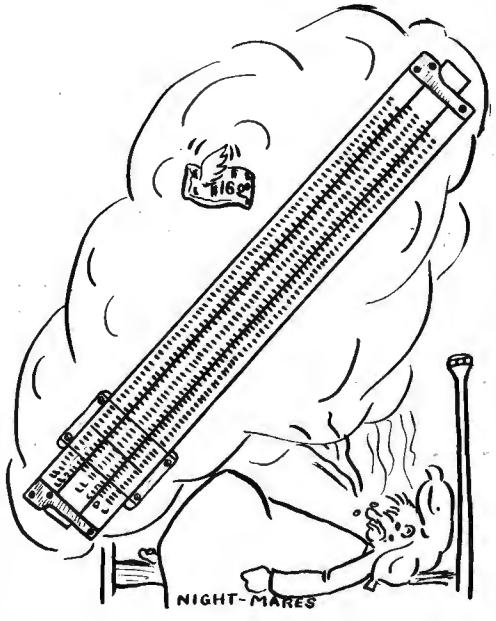

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Correct in Price

Millers

Correct in Style

"Where Shoe Fitting is a Fine Art"

Bill Wood: Did you enjoy yourself when you were a Freshman at college?

Mollenkamp: Did I! Why those were the happiest years of my life.

Moretta: Well, I passed Calc at last.

Collins: Honestly?

Moretta: Well, what difference does that make?

Bert Frederichs: Is this candy good?

Clerk: Why, it's as pure and good as the girl of your dreams.

Bert: Gimme a pack of gum.

A doctor may bury his mistakes but mistakes will bury the engineer.

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Westinghouse Heating Appliances

Westinghouse Mazda Lamps

Easy Washing Machines

JOHN L. PLATT

Electric Shop

KELLOGG RADIOS

Buy Your Electrical Devices from an Electric Shop

Phone 5318 **17 S. Ninth St.**

"Daddy, I just killed five flies, two males, and three females."

"How do you know that that's what they were?"

"Two were on the writing table and three were on the mirror."

Wooster: Say, Austin, I hear you failed in Tech Scratch. Is that true?

Austin Allen: Yea, the prof asked us to write an essay on "The Result of Laziness" and I sent up a blank sheet of paper.

Ferguson: So you made these candies with your own dear little hands?

The one and only: Yes, why?

Ferg: I just wondered how you managed to stamp "Hershey" on the bottom of each one.

She had no principle—but God! How she drew interest.

OVERHEARD IN 202 SCHWITZLER

Otto Meyer: Well Mr. Williams, we closed all right.

Piggy: How do you know you closed?

Otto: Why we shot on the dome.

Piggy: Well, did you occupy the dome?

The Pater: 'Vell, my poy, I've made my vill and left it all to you.

Rosenberg: That's very good of you, father.

Elder Rosenberg: But, bless you, it did cost a lot of money, lawyers' fees and things.

Juvenile Rosenberg: Yes, father.

Rosenberg, the senior: Vell, it ain't fair that I should pay all dot, is it? So I'll schust take it off next month's allowance.

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DORN-CLONEY LAUNDRY
and DRY CLEANING CO.

SUITS DRESSES OVERCOATS

Any plain garment Cleaned and Pressed
for $1.00

Gove: Does your father object to kissing?

His date: I dunno. I'll ask him if he'll kiss you tho.

Fredrichs: I'll probably open up an office when I get my degree.

Armstrong: Yeah. Well, Miller will probably be a janitor, too.

The difference between a dance and a dawnce is generally about three dollars.

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60 Passengers can ride for $4.50.
1 or 2 Passengers, $0.25.
3 or 4 Passengers, $0.50.

17 Passenger Bus for Special Occasions.
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YELLOW CAB CO.

Dial 4191 for Service

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SHOE REBUILDER

Boone County Bank Building

9 So. 8th Street Columbia, Mo.

Harry Frank, Sr.: (to son prominent in engineering affairs) Son, vot's dis I read about you bringin' home de bacon?

Clyde Ray: Here, take my seat madam.

Spry Old Lady: Thanks, I get off at this stop too.

"The Redskins are coming!" shouted the pledge as he started through Hell Week.

THE FIVE AGES OF CONSTRUCTION AS SEEN BY THE PUBLIC

'Swunnaful how them shovels eats dirt, ain't it? See her bust right through that wall? One o' them things cert'ny throws a lot o' men out o' work, don't it? I kin remember when this proppity could 'a been bought for almost nothin'. Wonner if he's gonna be able to pick up that big fellow? By gosh, he done it! 'Swunnaful, ain't it?

Wonner how far them foundations go down. Must take a lot o' cement to fill up them holes, huh? You said it! My gran'father could get it for $10 a acre. Wonner them foundations hold all that weight, ain't it? Them cement mixers must throw a lot o' men out of work, huh? See how they pour the cement through them pipes? 'Swunnaful, ain't it?

Close the window, Miss Smith, the racket's enough to drive you crazy. Gaw's sake, how do you ever get any work done with those damned riveters goin'? My notes show it's the way I got it, Mr. Henderson; mebbe those hammers were goin' so's I couldn't hear—those fellows climb around like a lot of monkeys, don't they? My brother owned some of that ground thirty years ago; if he'd only held on to it he wouldn't have to worry none now. Look at that fellow ridin' that derrick! 'Swunnaful, ain't it?

'Swunnaful how they start puttin' on the bricks in the middle of the buildin', ain't it? You wouldn't think them bricks would hold, the way they slap 'em on, would you? Them elevators throws a lot o' hod-carriers out o' employment, don't they? My aunt owned this proppity when it was worth about a dollar a foot; wish she'd held on to it. Well, what do you know about that? I was here yestiddy and they was on'y up to the sixth floor. 'Swunnaful, ain't it?

Ever see anythink like it; no sooner'n they get 'em up than they start tearin' 'em down again! 'Swunnaful, ain't it?

—Joseph Fulling Fishman in the New York World

Art

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H. R. Mueller
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16 S. 9th	West Blvd. & Ash

PHONE 6219

Compliments of
J. M. CREBER

We will start from the golf course, where I was very busy baiting my Steam Trap. Suddenly my old friend, Mr. Azimuth, came up, slapping me on the shoulder, said, "Well, old Phi, you have won the Tau Bete contest for scientific cribbing of golf scores." So we walked over to the road, and there sat my brand new Carnot Cycle, baboon tires and Highhat Snubbers and everythin'. Well, I just jumped right into the ole saddle and was off in a cloud of boiler scale.

I just shoved her right up to 0.53 miles per hour, and in about three hours rounded the corners of the Brewer Field House. I nearly made the Varsity-Basketball players forget their game but many miles had to be covered before dawn. It was just growing dark when I pulled my trusty steed to a halt in front of the Engineering Building. They had flood lights on the Quad and the reception committee composed largely of Meridians and Asymptotes were on hand to congratulate me on my record breaking trip. The Professors had formed in a line and were handing out little Bluebooks to all the younger Engineers. At the end of the second day after blowing a couple gaskets I sighted the Engineering Memorial. I pulled my trusty steed down to a halt and got down and whipped out my slide rule, extracted a few square roots and fed my trusty steed much to the amusement of some passing coeds.

The things to which I owe my success are Lucky Strikes. They keep you thin so that you can see with both eyes through any keyhole. It has been a great pleasure to tell you collich poys about my trip. Thank you—but don't forget that the keynote of engineering is a slide-rule and a set of Tom Swift books.

American Watches
Better Jewelry
A Dependable Repair Department
TILLOTSON'S JEWEL SHOP
COLUMBIA, MISSOURI

ST. PAT WAS A CIVIL ENGINEER

WARDMONT SUITS
$33.50
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THE CO-OP---

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Trade at The Student's Store

Basement Jesse Hall

Out-of-Town Headquarters Here is

THE TIGER HOTEL

The hotel of Home service—
where there is no such thing
as a stranger

Prof: Why did you put quotation marks at the beginning and end of your exam paper?

Stude: I was quoting from the man in front of me.

Cook: It's a good thing our wives don't know where we were last night.

Noland: It is at that! Where were we?

Cook: I don't know.

Judge: Exactly how far were you from the spot when the accident occurred?

Wooster: Eighteen feet and ten inches, your honor.

Judge: How do you know it was exactly that distance?

Wooster: Because I measured it, thinking some fool would ask me the distance.

Established 1870

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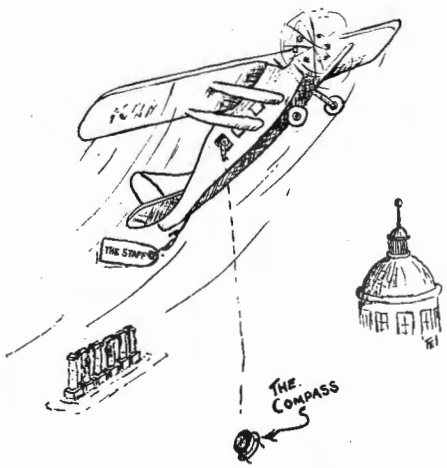

LITTLE EVENTS IN HISTORY:-
March 16th, 1930

We honor your check (for the amount written over your signature) without question, and don't insult you by requiring your house address, phone number, date of birth, etc. We don't cash your check all semester, then refuse that courtesy the week before the holidays or towards the end of the term. We believe in you, but caution you not to betray our confidence.

—GIVAN

PERSONAL SUPERVISION
—our motto—

VANITY FAIR

CLEANING — PRESSING — REPAIRING

HATS CLEANED AND BLOCKED

Student Work A Specialty

917 E. BROADWAY DIAL 7408

Olsen's St. Pats date (1929): What's this thing, Elmer?
Ollie: Just a pawn ticket.
The fair one: Why didn't you get two so we could both go.

Gove: I'm taking a correspondence course to get more money.
Meyer: That's funny. I'm taking one to reduce expenses.

Tom Randall: Would you care for an eye-opener?
Ralph George: Sure.
Tom Randall: Well, here's my alarm clock.

Joka Pelle is hard on foreigners and is proud of it. You have probably heard him talk of how he downs the Scotch.

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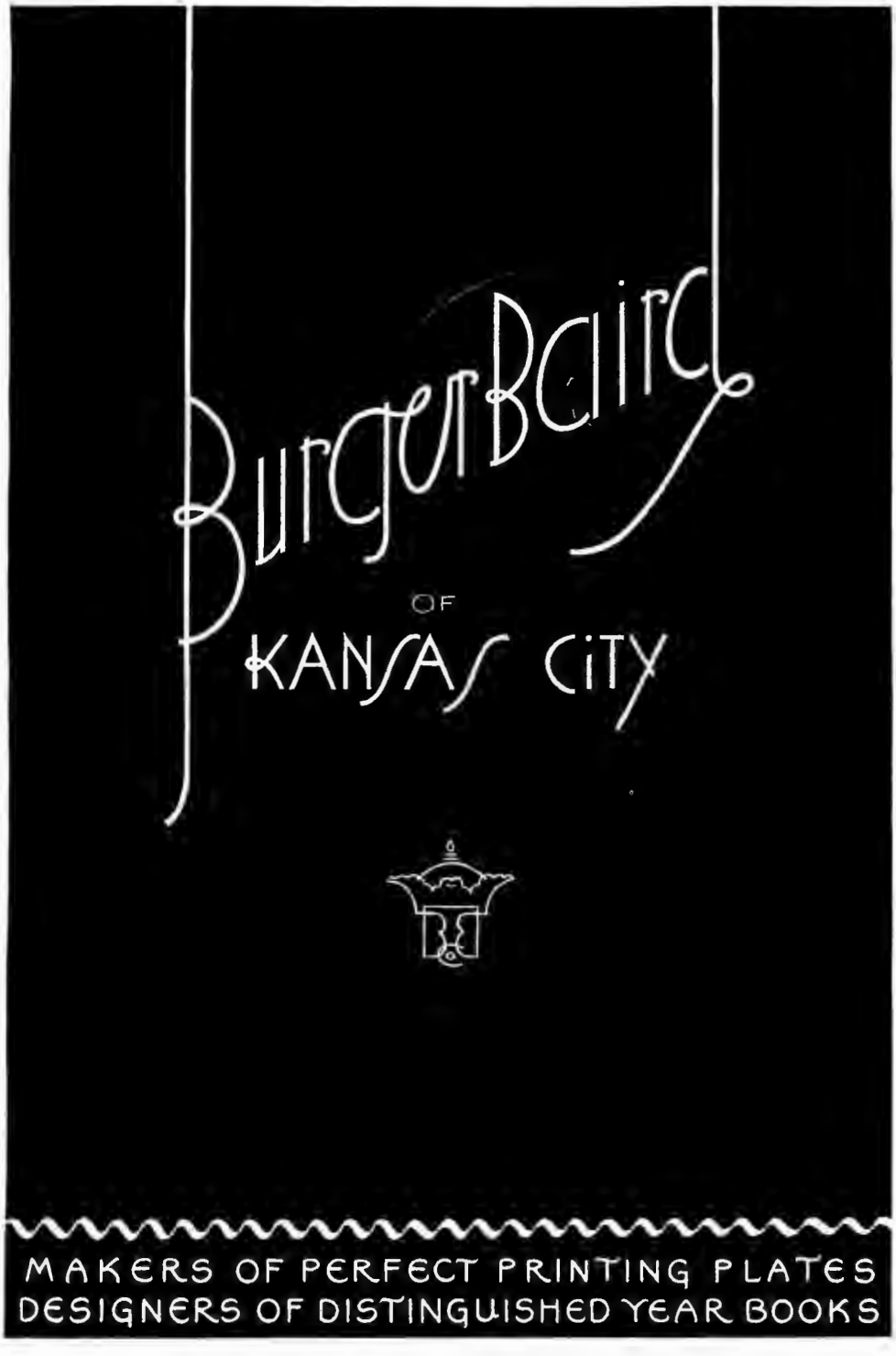
First Coed: Is your boy friend taking engineering?
Second: Why, yes, how could you guess it?
First: I see he left his blue prints on your neck.

Night Watchman: I thought I told you not to park here. Why do you do it?
Gordon: Because of my belief, sir.
Watchman: Nonsense! Whadaya mean?
Gordon: I believed that you were at the other end of the campus.

Sapper: How did you win that medal you're wearing?
Noland: Saved a life.
Sapper: How?
Noland: Shot at my mother-in-law and missed her.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This publication is the result of the earnest endeavors of the Staff of 1930 Shamrock to produce a book that will be a credit to the Engineering College, and which will portray an accurate picture of engineering traditions. We wish to thank those who have helped to make this book possible. We are grateful to those engineers not on the staff who offered their time and services in helping us edit this annual.

—THE STAFF.

The End

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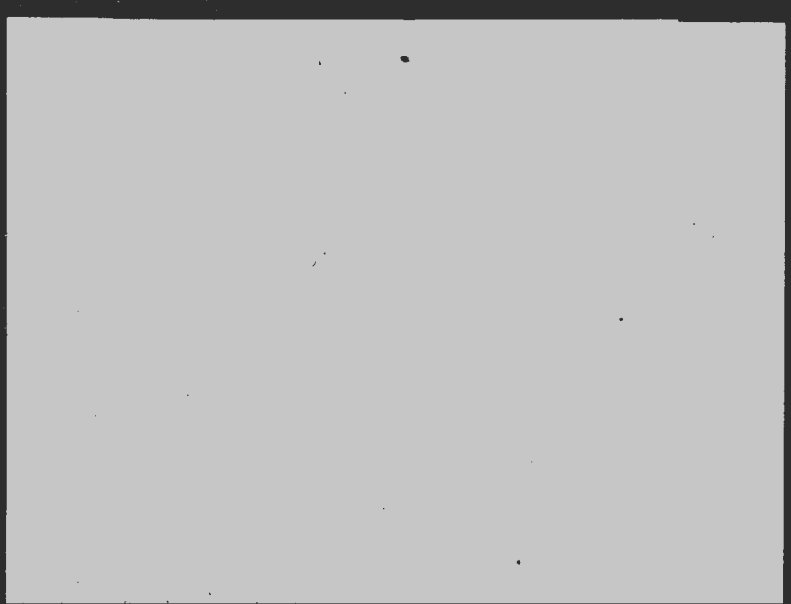

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