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The

1919



Shamrock

Memorial Edition



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The
1919 Shamrock
Of The
School Of Engineering
University Of Missouri

Published Annually On St. Patrick's Day
in Honor of the Patron Saint of Engineers

Initium

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The Wearin' Av The Green

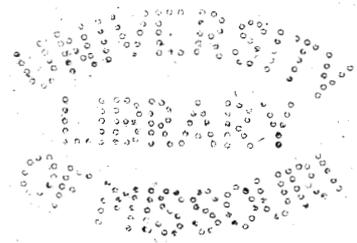
*"Just a little splash of color,
Sure it brightens up the day!
Drab the world would be, and duller,
But for good St. Patrick's Day!*

*Know ye by this little token
Comrades, who today are seen
Keepin' thus their faith unbroken
By the wearin' Av the green!*

*Who is he, who would be scornin'
When the shamrock smiles at him,
With this good St. Patrick's mornin'
Full of kindness to the brim?*

*Even the buttercups and the daisies,
and all the woodsy things I ween,
Soon will sing St. Patrick's praises
By the wearin' Av the green!"*

7/28/42 of Prof. A. L. Hyde



Afterward

*"When the last gun has long withheld
Its thunder, and its mouth is sealed,
Strong men shall drive the furrow straight
In some remembered battle field.*

*Untroubled, they shall hear the loud
And gusty driving of the rains,
And birds with immemorial voices
Sing as of old in leafy lanes.*

*The stricken, tainted soil shall be
Again a flowering paradise—
Pure with the memory of the dead
And purer for their sacrifice."*

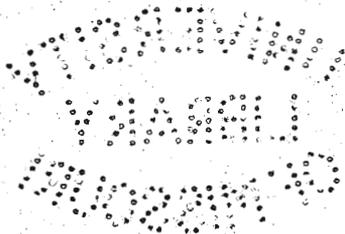
In Memoriam



OF the Engineers of Missouri University who have died in the service of their country. These men, answering the call of our nation in the struggle of right against might, democracy against autocracy, have made the greatest possible sacrifice—the sacrifice of their lives in order that the happiness and peace of the world might be made more secure and lasting.

In comparison with the services which they have rendered our country, and the sacrifice they have made; any honor which we may pay them seems but a mere trifle; but the Engineers of Missouri take this means of honoring them. To the memory of

The Engineers of Missouri who have died in the service of our nation is the 1919 Shamrock dedicated.



Our Dead

Robert Montgomery Walker, B. S. in Eng., '16; E. E., '17.

Mr. Walker entered the F. O. T. C. at Fort Riley in May 1917 and was transferred to Austin Texas to a ground school. From here he was transferred to Kelly Field where he was commissioned Second Lieutenant in Aviation in May 1918. He received injuries in an aeroplane accident while acting as an instructor and died on Aug. 10, 1918. He was a member of the following organizations: A. I. E. E., Tau Beta Pi, Eta Kappa Nu, Stienmetz Club, and Engineers' Club.

George A. Irion, B. S. in Eng., '18.

Entered the service of his country in March 1918 and was sent to Kelly Field, Texas from which he was transferred to Carnegie Institute of Technology in Pittsburg, Pa. He was in the Aero-Radio Service. Mr. Irion died on Oct. 16, 1918 in Pittsburg from pneumonia following an attack of influenza. His home was in Mexico, Mo. He was a member of the Tau Beta Pi, Eta Kappa Nu, Q. E. B. H., Stienmetz Club, A. I. E. E., Engineers' Club, and was Representative of St. Patrick in 1918. Besides this he was very active in other branches of student activity.

David I. Cole, B. S. in Eng., '18.

Just before the term ended Mr. Cole left for his home at Dove, Mo., and in a few days left to enter the service of his country. He received his commission as Second Lieutenant in the Engineers Corp and was preparing to sail for Europe when death came as the result of pneumonia contracted after an attack of the influenza. Mr. Cole was a member of the A. I. E. E., Engineers' Club, Eta Kappa Nu, and the Stienmetz Club.

John J. Donohue, '13.

On April 10, 1917 John J. Donohue enlisted in the service and was sent to France with the 21 Aero Squadron, A. E. F. as First Lieutenant. He was killed on June 26, 1918. His home was in Appleton, Mo.

CLARENCE BOWLAN PEEPLES, B. S. in Eng., '17

Mr. Peoples entered the F. O. T. C. at Fort Riley in May, 1917 and received the commission of Second Lieutenant in Aviation. He died in an aeroplane accident at the Ariel Gunnery School at St. Jean-de-Monts, Vendee, France and was buried in an American cemetery there. He was a member of the A. I. E. E. and Engineers' Club, and was the Representative of St. Patrick in 1917. He was also well known in college athletics. His home was in Corder, Mo.

Our Dead

Clinton S. Ferry, A. B., '16; B. S. in Eng., '16.

Enlisted in August 1917 and at the time of his death was a Second Lieutenant in the Aviation Section of the Signal Reserve Corps. He was killed in an aeroplane accident in an aviation field at Lake Charles Louisiana. His home was at Sheldon, Mo.

John K. Sloan, C. E., '16.

John K. Sloan died in October, 1918, from pneumonia contracted at Kelly Field, Texas where he was in the Aviation Branch of Service.

Frank P. Matthews.

Mr. Matthews was the first of the Missouri Engineers to lose his life in the World War. He fell from his aeroplane at Camp Taliaferro, Fort Worth, Texas on Nov. 26, 1917. He was a member of the A. I. E. E., Engineers' Club, and the Pi Kappa Alpha fraternity. He had received his commission as Second Lieutenant.

Leon Elston Briggs, E. E., '10.

From a position as city engineer at Webb City, Mo., he entered the Fort Sheridan Training Camp in August, 1917 and was commissioned Captain in three months. He left for France in December and was killed in the Argonne Forest while advancing with his company against a machine gun nest, on Sept. 28, 1918.

James Y. Simpson, Jr.

Was killed in June, 1918 while with the 82 Company of the 6th Regiment of Marine Corps. He enlisted in July, 1917. He was a student in Engineering during the 1915-16 and 1916-17 terms.

The Engineers

WHEN the convoy crawls on a long white road,
 Straight to the blazing line,
 While the drivers nod as they guide their load
 On where the star shells shine,
 If a "two-ten" drops with a roaring crash,
 The big trucks cease to roll,
 And the C. O. growls as he views the smash
 And swears at the ten-foot hole!

"Job for the Engineers—
 Bring up the wrecking crew,
 Shovel and pick will do the trick,
 Then we can go on through."
 They're on the spot, you bet;
 Soon, with a clash of gears,
 We're on the way, for the road's O. K.,
 Fixed by the Engineers!

When the storm troops wait at the river banks,
 And each stone bridge is blown,
 And the stream's too deep for the fat old tanks,
 And pontoons must be thrown
 Where the water boils with the shell and shot,
 It's "Engineers, 'toot sweet,'"—
 They will lose one-half of the men they've got,
 But build that bridge, complete.

"Job for the Engineers—
 Never you mind the loss.
 Fritz has a hate, but the troops can't wait:
 See that they get across.
 You won't get no rewards,
 Hear any shouts or cheers,
 Bring up your mob, for here's a job—
 Job for the Engineers."

Oh, they mend the wire where it guards the front;
 They dig the dugouts deep,
 And to tunnel mines is their steady stunt—
 Like moles that get no sleep.
 They take their chance where the gas clouds lurk,
 And I'll say it appears
 That darn small glory and beaucoup work
 Comes to the Engineers.

"Job for the Engineers—
 Something that 'can't be done,'"—
 Nevertheless they'll do it, yes;
 That's how they get their fun.
 Armed with a kit of tools,
 Careless of hopes or fears,
 Big jobs or small, you simply call—
 Call for the Engineers.

BERTON BRALEY.

The Memorial To Missouri Engineers

Greater love hath no man than this, that a man lay down his life for his friends.



WHEN, in the spring of 1917, the United States took her stand on the side of civilization, she found the engineering profession ready and eager to do its part. In no other profession was there such a high percentage of total numbers who volunteered their services. And they were sorely needed, for there were cantonments, to be built, cities furnished to house thousands of men, ship-yards to be erected, ships, docks, warehouses, railways, munition factories, shells, guns, airplanes, motor trucks, and a thousand other things that make up the modern war, to be supplied. There was no time to be lost for the Allies were fighting with their backs to the wall. It was then that the American engineer stepped in and proved

conclusively that this was a "war of engineers," and he did things in a way that was highly gratifying to the Allies.

Missouri Engineers were soon found in all branches of the service and they were among the first who went across to combat the Hun. The first man in the A. E. F. to bring down a German airplane was a Missouri Engineer, Lieut. "Steve" Thompson, B. S. E., '17. Before long we began to be saddened by the reports of some of our comrades who had made the supreme sacrifice. The first Missouri University man to give his life was Frank Matthews, an engineer, who was killed in an airplane accident in Texas. Other such reports were received from time to time, much to our sorrow, but we realized that these men were making the greatest possible use of their lives and if given their own choice, would not wish it otherwise.

At last the war was over and we rejoiced but in our joy we did not forget our brother engineers who had done so much and given all that any man could give on the altar of liberty. So we set about erecting a monument to their honor so that all comers may see proof of our gratitude. We could not finish this memorial in one year and do it justice so we arranged that it shall be improved each year for several years until it is a fitting and worthy mark of respect. It can never fully express the debt we owe to those men and any sort of memorial will be cheap and tawdry when compared to the great price which they paid for our liberty, but we shall do our best and in years to come we earnestly hope that those who look upon it may see more than mere brick and stone. We trust that they shall see a monument to the indomitable spirit of the engineers of old "Mizzou" who were tried and not found wanting, who upheld our traditions and hallowed them, and who reflected upon their alma mater an honor that cannot be surpassed. It is to these men that we dedicate our efforts lest those who come after us might forget.

W. G. FOWLER, '19

Nine

The Staff



B. J. GEORGE '19 *Editor*

C. W. LAUGHLIN '19 *Business Manager*

W. D. VIRTUE '19 *Associate Editor*

L. C. YEAGER '20

M. F. BEETHAM '20 *Cartoonist*

W. C. WHEELER '21

E. S. HART, JR. '22



CLAUD P. OWENS.
Representative of Saint Patrick.

Honorary Knight



HERMAN SCHLUNDT, B. S., M. S., PH. D.

Professor of Chemistry.

Dr. Schlundt came to the department of Chemistry in 1902 from the University of Wisconsin, where he had received his undergraduate training and completed the major part of his graduate study. He is the author of a number of papers in physical chemistry, including an extended series of measurements of dielectric constants of inorganic and organic compounds. For the past decade his researches have been largely in the field of radioactivity, both theoretical and applied. In co-operation with O. C. Schaefer, B. S. in Ch. E. '09 and H. H. Barker, A. M. '16, he developed a process for the extraction of radium from carnotite ores which is now in operation on a practical scale. During the past two years his investigations in radioactivity have been extended to the conservation of mesothorium as a partial substitute for radium in its use for luminous paints and therapeutic purposes. During 1917-18, in the service of the Government, and jointly with Dr. R. B. Moore of the U. S. Bureau of Mines, he perfected the commercial production of mesothorium in the plant of the Welbach Company, U. S. A.

Dr. Schlundt is a member of the following scientific and technical societies: A. A. A. S., Am. Chem. Soc., Am. Electro-Chem. Soc., Wis. Acad. Let. Sci., and Arts., Phi Beta Kappa, Sigma Xi, Tau Beta Pi (Hon), Gamma Alpha (Hon), Alpha Chi Sigma (Hon).

We confer the Degree of Knight of St. Patrick upon Dr. Schlundt in recognition of the interest that he has shown in the activities of the Engineers of Missouri and the ability that marks his life.

Honorary Knight



E. W. LEHMAN, B. S. in E. E., E. E., B. S. in A. E.

Chairman of the Agricultural Engineering Department.

Professor Lehman graduated in 1910 from the Mississippi A. and M. College with the degree of Bachelor of Science in Electrical Engineering. The three years following this he spent as an instructor of Physics at the Texas A. and M. College. After one summer at Cornell and one summer at the University of Wisconsin he received the degree of Electrical Engineer from the Texas A. and M. College in 1913. He accepted a research scholarship at Ames in 1913 and secured the degree in Agricultural Engineering in 1914. On graduation he was made an instructor in the department and was appointed assistant professor in 1915. Professor Lehman came to the University of Missouri in 1916.

Professor Lehman is a member of the Phi Kappa Phi and Alpha Zeta fraternities and an associate member of the A. I. E. E. and A. S. A. E. He is a contributor to a number of agricultural papers and recently prepared four chapters on agricultural engineering for the Farmer's Cyclopaedia. He also conducts a department of Farm Mechanic for the Journal of Agriculture.

In recognition of his ability and his interest in engineering affairs, and as the outcome of the good will that exists between the Agricultural College and the College of Engineering, Professor Lehman is made a Knight of St. Patrick.

St. Patrick Was An Engineer

*St. Patrick was an Engineer, he was, he was!
For he surveyed the Emerald Isle,
And made its map and a profile.
Erin Go Bragh. Rah! For the Engineers.*

*St. Patrick was an Engineer, he was, he was!
For he was the gun with the monkey wrench,
That screwed the Lawyers to the bench.
Erin Go Bragh. Rah! For the Engineers.*

*St. Patrick was an Engineer, he was, he was!
For he invented the Calculus,
And handed it down for us to cuss.
Erin Go Bragh. Rah! For the Engineers.*

*Runaway engine down the track, she flew, she flew!
Runaway engine down the track,
The throttle way open, the lever way back.
Erin Go Bragh. Rah! For the Engineers.*

*Runaway engine down the track, she flew, she flew!
A Lawyer tried to open the switch,
The train run over the son of a Gun.
Erin Go Bragh. Rah! For the Engineers.
(repeat first line of each verse)*

THE YELL.

*Civil, Electrical, Engineers!
Mechanical, Chemical Engineers!
Armatures, Fly Wheels, Stresses, and Shears!
Engineers!*

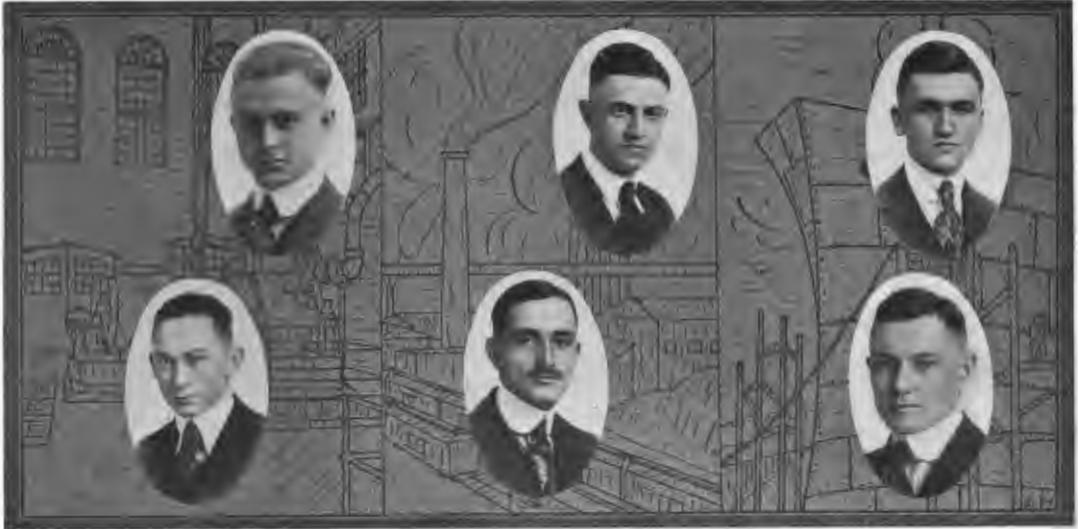
ENGINEERING



DEPARTMENTS

Beetham

Electricals



BENJAMIN HERMAN WIGBELS, 1919, Electrical Lexington
 "Wiggie"
 Takes a ten hour course in observation of College Women besides a regular engineering course.
 St. Pat's Board; A. I. E. E.; Engineer's Club; Eta Kappa Nu; Marshal or Parade; '19

WARREN H. MOORE, 1920, Electrical Columbia
 Boys, he's there when it comes to providin' the "Eats."
 A. I. E. E.; Engineer's Club.

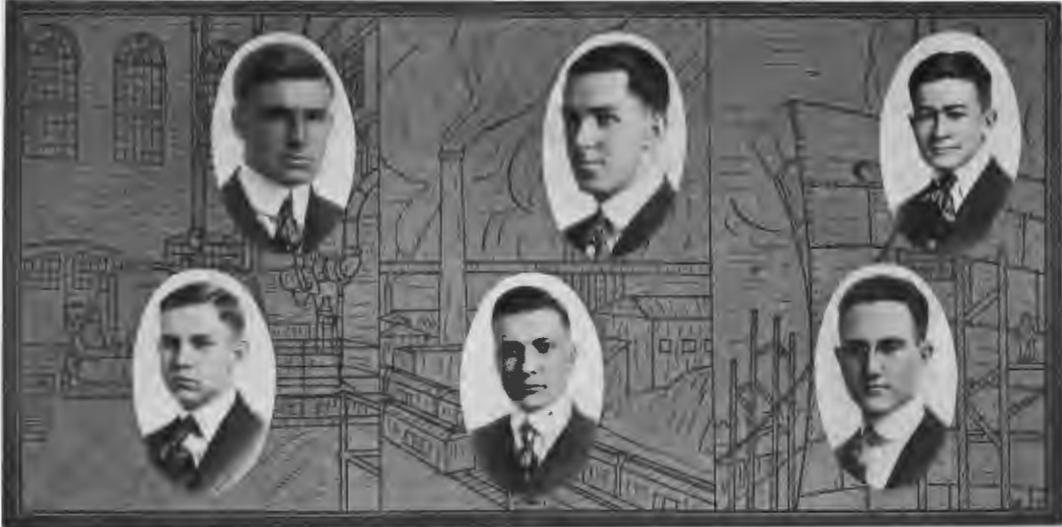
WALTER LELAND JONES, 1920, Electrical Warrensburg
 Yonder he comes—there he goes!
 A. I. E. E.; Kappa Alpha; Engineer's Club.

FRANK LEACH, 1920, Electrical Cuba
 "Shoot a dime"
 He's sensitive about his home town and his ears.
 Engineer's Club; A. I. E. E.

W. S. RIDGE, 1919, Electrical Kansas City
 "What's the matter with his face?"
 Phi Delta Theta; A. I. E. E.; Engineer's Club.

WILLIAM DALE VIRTUE, 1919, Electrical Kingston
 "W. D."
 "You wander around thru the laboratories for four years and don't know anything when you get thru."
 Shamrock Staff; A. I. E. E.; Engineer's Club; Eta Kappa Nu.

Electricals



CHARLES WILSON LAUGHLIN, 1919, Electrical
 "C. W."
 Entertains the Ladies in the Senior Design Room.

Levasy
 Tau Beta Pi;
 Eta Kappa Nu;
 Pres. Engineer's Club;
 Student Senate; A. I. E. E.;
 Business Manager Shamrock;
 Second Lieutenant U. S. A.

GEORGE B. COX, 1919, Electrical
 "G. B."
 The Freshies salute him. They can't tell the difference.

Columbia
 Eta Kappa Nu; Q. E. B. H.;
 A. I. E. E.; Engineer's Club;
 Knight of St. Pat, '18.

BEN A. FLESHMAN, 1920, Electrical
 He has a girl in Oklahoma.

Wyaconda
 Engineer's Club.

ROLLA C. MORRIS, 1920, Electrical

Greenfield
 Engineer's Club; A. I. E. E.;
 St. Pat's Board.

J. H. KOESTER, 1920, Electrical

Cole Camp
 St. Pat's Board; A. I. E. E.,
 Engineer's Club.

BEAUFORD JAMES GEORGE
 "A regular patron of the 'Caf.'"

Oak Grove
 Tau Beta Pi; A. I. E. E.;
 Eta Kappa Nu;
 Engineer's Club.
 Editor 1919 Shamrock.

Electricals



FRANK H. SHELTON, 1919, Electrical
Side kick to Dehoney at the Oh Boy
show.

Tulsa, Okla.
Tau Beta Pi;
Phi Kappa Psi;
Eta Kappa Nu.

BRYAN J. HUNGATE, 1920, Electrical
Daddy's best guesser.

Columbia
Engineer's Club; A. I. E. E.;
Second Lieutenant U. S. A.

WILLIAM W. HOCKER, 1919, Electrical
No! We haven't a canary in our Design
Room. That is Hocker running the
scale.

Columbia
Engineer's Club; A. I. E. E.

EDWIN M. KERR, 1920, Electrical
"Gimme a match"

St. Louis
Engineer's Club; A. I. E. E.

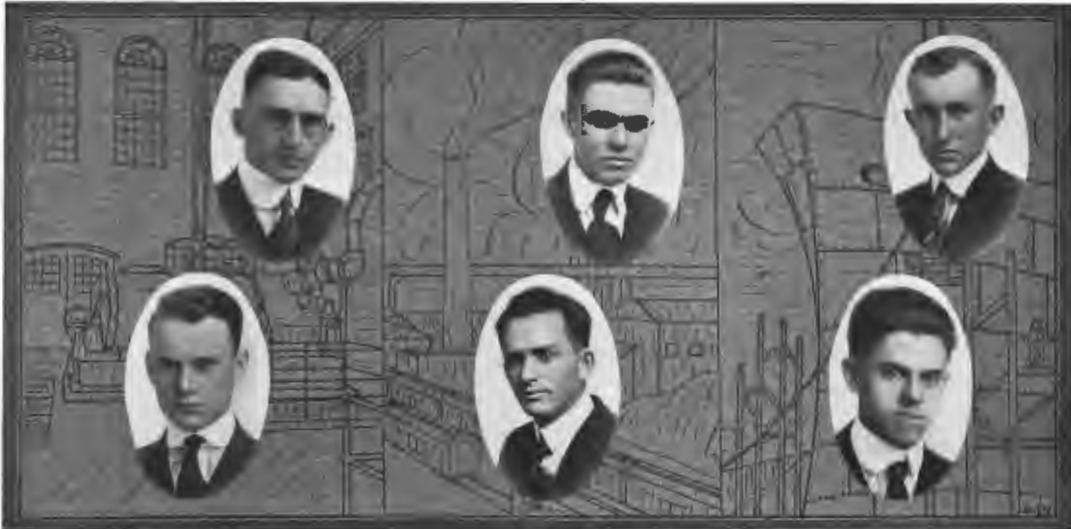
LUCIAN F. REMLEY, 1919, Electrical
"A. C." asks, "What's the matter with
Remley, is he sick?" He never takes
his classes seriously.

Columbia
Dance Committee; A. I. E. E.;
Engineer's Club.

LESLIE P. VANHOUTEN, 1919, Electrical
"Pyrene" "Van"
Loves to be called "Dad-dy, Oh Daddy."

St. Louis
Chairman St. Pat's Board.
Campus Squad; A. I. E. E.;
Eta Kappa Nu.;
S. S. Reception Committee.

Civils



CLAUDE P. OWENS, 1919, Civil
 "C. P."
 There's one on him, but we can't find it.

Harrisonville
 Tau Beta Pi; C. E. Society;
 Engineer's Club; Knight '18;
 Representative Saint Patrick.

MARION REX WHITTON, 1920, Civil
 "Howdy, Rex, Ol' Boy!"

Hickman Mills
 C. E. Society;
 Engineer's Club.

FRANK LEWIS STUCKEY, 1920, Civil

Columbia
 Engineer's Club;
 C. E. Society.

BERNARD ANAWALT, 1920, Civil
 We give up!

Kansas City
 C. E. Society;
 Phi Delta Theta;
 Tomb and Key; Chi Chi Chi;
 Savitar Staff,
 Engineer's Club.

LLOYD E. GREATHOUSE, 1920, Civil

Monroe City
 Engineer's Club
 C. E. Society.

W. G. FOWLER, 1919, Civil
 Van's Ole Woman
 Oh boy, the S. A. T. C. made him hard
 boiled.

Vandalia
 Tau Beta Pi; C. E. Society;
 St. Pat's Board;
 Engineer's Club.

Civils



LLOYD A. ECKSTROM, 1919, Civil
 He also wanted to shave. There's a
 reason. He has a steady.

Kansas City
 Tau Beta Pi; C. E. Society;
 Engineer's Club.

HARLAND S. BALDWIN, 1920, Civil
 Gave up all hopes of becoming a Mechanical
 Engineer.

Carthage
 St. Pat's Board;
 C. E. Society;
 Engineer's Club;
 Tau Beta Pi;
 Tomb and Key.

JOHN DELBURT ADAMS, 1920, Civil
 "Deb"
 Has poor eyesight, but he can spot a
 college girl a mile away.

Miama, Okla.
 C. E. Society; Acacia;
 Engineer's Club.

D. D. MOSS, JR., 1920, Civil
 He's strong for the Combine.

Columbia
 C. E. Society;
 Engineer's Club.

BEN POND, 1919, Civil
 Did his best to grow a crop of whiskers.

Canton, China
 C. E. Society;
 Engineer's Club;
 Cosmopolitan Club.

DUDLEY W. DEHONEY, 1919, Civil
 Side kick to Shelton at the Oh Boy show.
 Frequents Christian College.

Kansas City
 Phi Kappa Psi;
 C. E. Society;
 Engineer's Club.

Civils



V. G. KOCH, 1919, Civil
 "Vic"
 "You tell 'em while I hold the crowd
 back, I stutter."

Kansas City
 C. E. Society; Acacia;
 Engineer's Club;
 Campus Squad;
 Dance Committee;
 Engineer's Cheer Leader.

JOSEPH R. BLACK, 1920, Civil

Richmond
 Sigma Nu; Tomb and Key;
 Kappa Kappa;
 Engineer's Club.

WILLIAM H. MILLER, 1920, Mechanical
 "Say fellows, let's integrate it."

Shawnee, Okla.
 Engineer's Club; A. S. M. E.

SAM SOLOMON, 1919, Civil
 The orator who pronounced the death
 knell of the Whisker Club.

St. Louis.
 Engineer's Club;
 C. E. Society.

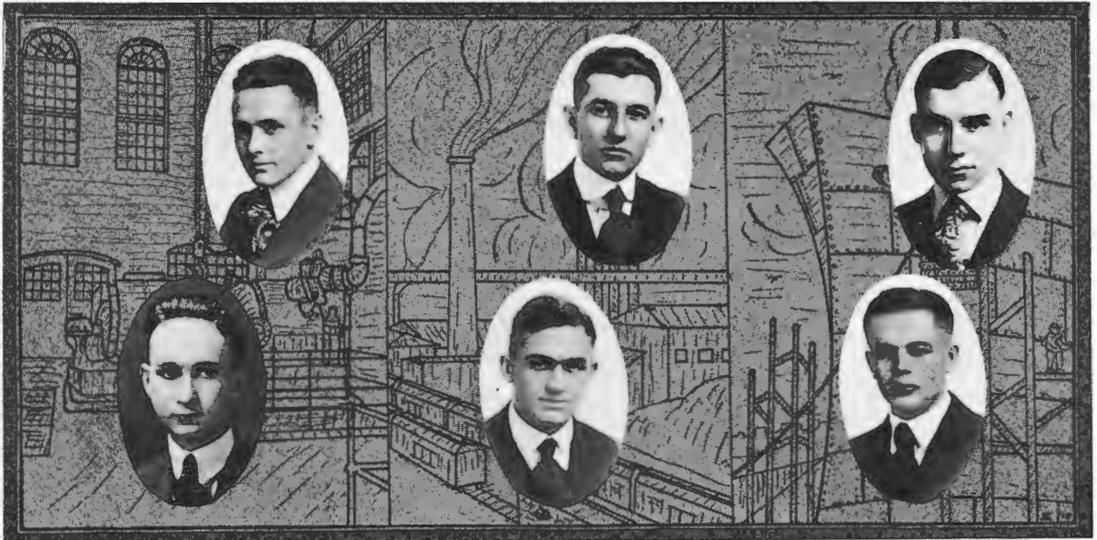
DEAN WILSON, 1920, Civil
 The man who was ruined by the S. A. T. C.

Monroe City
 C. E. Society;
 Engineer's Club;
 Student Senate.

CHESTER H. LUNDT, 1919, Civil
 "Skyline"
 Takes five hours Spanish and all the
 girls at Read Hall Annex call him
 "Papa."

St. Louis
 Acacia; Engineer's Club;
 C. E. Society.

Mechanicals



KENNETH K. KING, 1919, Mechanical
 "K. K."
 Never been the same since he met the
 auburn-haired lassie at the boarding-
 house. It drove him to cheap literature.

Oak Grove
 Tau Beta Pi; A. S. M. E.;
 Student Council;
 Senior President;
 Engineer's Club.

LEE SCHNEITTER, 1920, Mechanical
 "The fellow with many questions."

Kansas City
 Student Council; Ed Club;
 Tennis Team '17, '18;
 A. S. M. E.; Engineer's Club.
 Sigma Nu.

MAURICE F. BEETHAM, 1920, Mechanical
 "Let's go to the show."

Nevada
 A. S. M. E.; Engineer's Club.
 Shamrock Cartoonist.

R. A. MUNKERS, 1920, Mechanical
 "Naw, let's don't go home! It's early."

Kansas City
 A. S. M. E.; Engineer's Club.

ELMER F. EDWARDS, 1920, Mechanical
 "Eddie"

St. Charles
 "M" in football, '17.;
 "M" in Track, '18.;
 Student Council;
 All-Junior President, '19.
 A. S. M. E.; Engineer's Club.

ROBERT T. POWERS, 1919, Mechanical
 "Doggone it! Weinie insulted me. 'Said
 I didn't work.' "

Paris
 Delta Tau Delta; A. S. M. E.;
 Phi Beta Kappa;
 Tau Beta Pi;
 Second Lieutenant U. S. A.

Chemicals



BEN FIXMAN, 1919, Chemical

St. Louis
Engineer's Club.

LOWELL C. YEAGER, 1920, Chemical
Came over to Engineering to get a stiff course.

Cheyenne, Wyoming
Engineer's Club;
Shamrock Staff;
M. S. U. Debating Club;
University Cadet Band.

M. D. MIZE, 1920, Chemical

Kansas City
Alpha Tau Omega;
Alpha Chi Sigma;
Engineer's Club.

ARTHUR H. SEATON, 1920, Chemical

Macon
Engineer's Club;
Glee Club.

GEORGE G. GAUBATZ, 1920, Chemical
"Eef Gaubatz understands it, den every-
body does."

St. Louis
Engineer's Club.

BERNARD KEISER, 1920, Chemical
An embarrassing name.

Clayton
Engineer's Club.

M. E. FOSTER, 1919, Chemical
"Gimme—Loan me—uh, I wanta buy a
package of cigarettes."

Jefferson City
Sigma; Nu;
Engineer's Club;
Second Lieutenant U. S. A.



Twenty-four

Sophomore Class

OFFICERS

<i>President</i>	CARLISLE N. McDAVITT
<i>Vice-President ;</i>	JOHN C. HEIBERGER
<i>Secretary</i>	FRED T. HARVEY
<i>Treasurer</i>	JAMES H. BEAVEN
<i>Shamrock Staff</i>	WILLIAM C. WHEELER
	DANIEL B. COLEMAN
<i>St. Pat's Board</i>	VIRGIL SAVILLE
	JAMES W. HARDY
<i>Dance Committee</i>	OTTO C. O'KELL

ROLL

A. G. ARNOLD	FRED HARVEY	LEE M. RICHARDS
RAYMOND S. BAGBY	JOHN C. HEIBERGER	JOHN RITTER
ARTHUR F. BARNES	CARL G. HEIDBREDER	ROBERT ROSENTHAL
CARL BAUMGARTEN	BEN HOGAN	ORIN F. ROTHMEYER
JAMES H. BEAVER	S. R. HOOVER	WILLIAM SANDERS
DONALD M. BERNARD	GEORGE HUDDLESTON	VIRGIL SAVILLE
RALPH H. BAXTER	ROGER HULETT	RICHARD SCHOLTZ
THORNTON C. CASH	PERET VILKAS	ALMER SCHUBERT
DANIEL B. COLEMAN	K. L. JONES	CHAS. C. SHUMARD
AURTHUR W. DAVIDSON	ROBERT LAM	JOHN W. SYLVESTER
WALTER J. EDDLEMON	MALCOLM LATTIMORE	WILLIAM WEINISCHKE
JOHN R. EVANS	CARLISLE N. McDAVITT	WILLIAM C. WHEELER
FRANK C. FITTERER	DAVID MOREHOUSE	LOGAN B. WILKES
DAVID GOLDBERG	OTTO C. O'KELL	JAMES L. WOODS
WILLIAM GROVES	IRVING B. PARSONS	HEBER W. WOODWARD
JAMES W. HARDY	HARRY G. POTTHOFF	JIM R. YEAGER
	J. H. VINYARD	



Freshmen Engineers

OFFICERS

President
Vice-President
Secretary-Treasurer
St. Pat's Board
Shamrock Staff

RUSSELL L. FINDLEY
 GROVER GODWIN
 HENRY MANDELSTAMM
 LESLIE GRIMES
 EDWARD S. HART, JR.

ROLL

G. F. ALDRICH	H. L. HARDY	W. J. OONK
H. B. ANDERSON	B. J. HARRIS	J. W. PAULETTE
VIRGIL ANDERSON	EDWARD S. HART, JR.	A. D. POOL
F. A. ASENDORF	A. L. HARDAWAY	W. D. POPHAM
H. W. BARTON	L. K. HARTZOG	L. PRATT
L. C. BAKER	A. J. HAWKINS	C. A. RENDER
H. A. BECK	E. J. HAYWARD	E. S. RECTAR
L. BECKETT	J. S. HEMRY	T. M. ROBERTS
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J. J. BILLINGTON	D. S. HUGHES	H. SALLE
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The Master's Hand

*The Governor: "I dance serene,
On top of all the great machine,
And glance around, by night and day,
To see that all things don't run away."*

*"Who? You? You're nothing but a shirk!
It's me, the Piston, does the work.
I'm here with might to push and pull,
And make each stroke count to the full."*

*"Oh, no! You but obey my will,"
The haughty Steam Chest hisses shrill.
"I am the one that gives the strength
To shove you out the guide's full length."*

*And then the Throttle Valve got cross;
"I'm over you, and I'm the boss
Of all your energy and zest.
Now tell me, which of us is best?"*

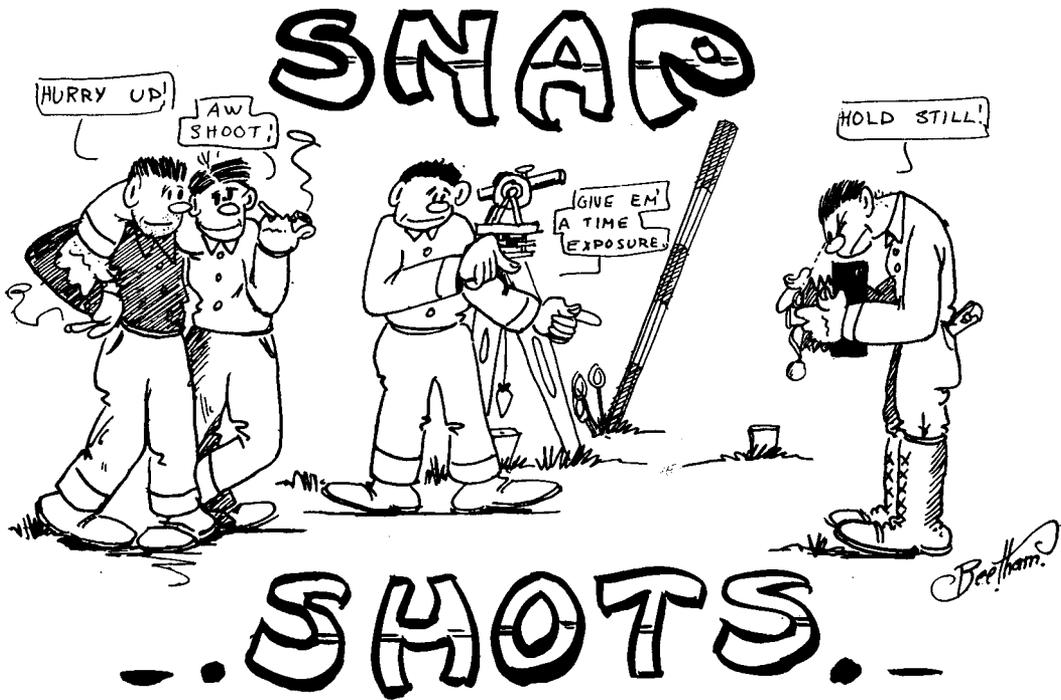
*The Flywheel hummed, "Here think of me—
Momentum lost, where would you be?
Who drags you on with iron nerve
Up from the bottom of the curve?"*

*The Safety valve spoke up and said,
"Without me and my knowing head
The lot of you would fly apart,
And land in the old iron mart."*

*The Engineer came over then
And said, "She's got a grouch again.
Why! That blamed oiler's shaken loose!
Without the grease she's little use."*

*A Visitor was looking in.
He shook his head: "Of all the din!
What good would that huge engine be
Without the man, to oversee?"*

B. O. W. IN POWER.







The Staff



The Whisker Club



Laughlin

"Daddy"



Seniors



Juniors



The Awful Engineers

*Who takes a transit out to find a watermain to tap?
Who then with care extreme locates a sewer on the map?
Who sends his gang to dig for it, and finds it nowhere near?
The torn and tattered, mud-bespattered CIVIL ENGINEER.*

*For he's a heluva, heluva, heluva, heluva, heluvan Engineer!
He's the roarin' skate from the Texas State, and nothing does he fear.
He tries to do his duty and he does it fairly well,
But the Public and the Politicians always give him H...*

*Who is the base designing guy, with talents strange and rare?
Who builds our pumps and engines, and should keep them in repair?
Who has to wreck the whole dam works when his valve-seats disappear?
The bearing-wearing, gearing-tearing MECHANICAL ENGINEER.*

For he's a heluva, heluva, etc.

*Who gets the "juice" for half a cent and charges us a dime?
Who when we've signed his contract, can't deliver half the time?
Who thinks a drop of twenty-six percent is nothing queer?
The volt-inducing, load-reducing ELECTRICAL ENGINEER.*

For he's a heluva, heluva, etc.

*Who takes the pleasers out of life and makes existence H...?
Who'll fire a real good looker just because she cannot spell?
Who'd substitute a dictaphone for a coral-tinted ear?
The idiotic, darn neurotic EFFICIENCY ENGINEER.*

For he's a heluva, heluva, heluva, heluva, heluvan Engineer.

CONTRIBUTED.



= ORGANIZATIONS =



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ALPHA CHAPTER OF MISSOURI

Honorary Engineering Fraternity.

Founded at Lehigh University, June 1885.

Charter granted in 1902. . . . Colors; Seal Brown and White.

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The American Institute of Mechanical Engineers

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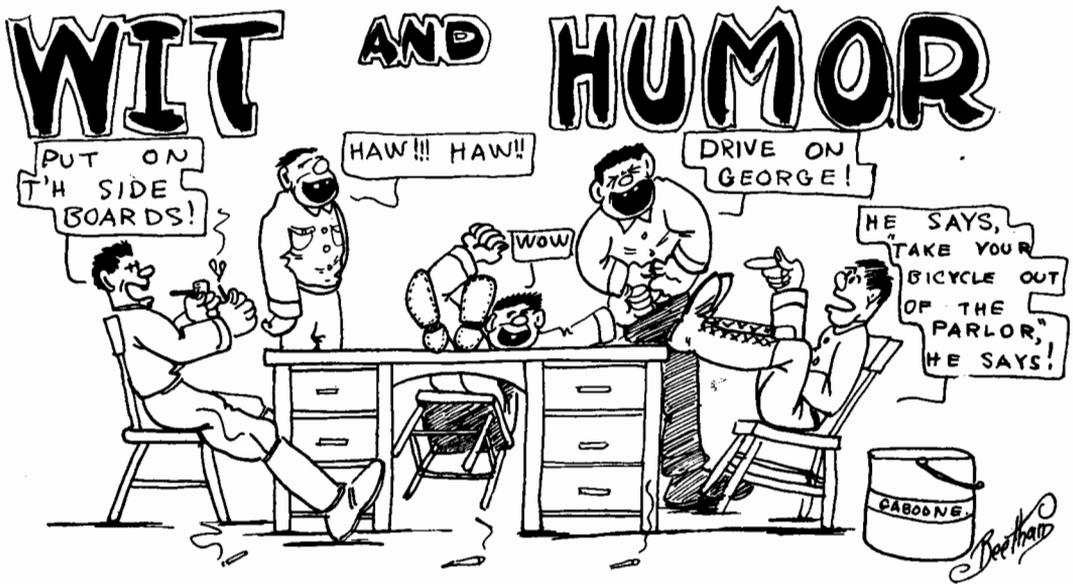
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In Heaven Above Where All is Well

*An Engineer and a Lawyer,
Before St. Peter stood;
The first, he had a noble head,
The other, one of wood.*

*St. Peter took his record book
From its ancient rack,
"Before I pass you in," he said,
"I'll see what deeds you lack."*

*The Lawyer, with his ancient gall,
Stepped forth and gave his name,
St. Peter glanced within the book,
A frown upon him came.*

*"Your dress is styled and neat," he said,
"You sit down while you work,
You never dropped a nicked case,
And all good deeds you shirk.*

*You used to fight the Engineers,
When St. Pat held his sway,
Your fights, since then, have just the end
They had that famous day.*

*You, Engineer, have done quite well,
From morn 'till night you've strove,
You've led the good men in this world,
and all the bad ones drove.*

*With dams you've harnessed water,
With mines you've searched the earth,
You've filled the world with good things,
Of bad things, made a dearth.*

*O Engineer, your deeds are good,
Pass you, through Heaven's dell."
Then turning sharply 'round, he said,
"You, Lawyer, go to —."*

A. L. OWENS, '16.

*Two little Ohms and an Ampere
Were juggled and jumbled and tossed,
Out on a line in a circuit,
Until several Volts were lost.
Then said the ohm to the ampre,
"Wat now have you left to get lost?"
"Don't blame us Amps for expenses,
Its you that have run up the cost."*

A SOUVENIR

S. A. T. C. Surgeon to Wigbels—I have found on examination a contusion of the integument under the orbit, with extravasation of blood, ecchymosis of the surrounding cellular tissue, which was in a tumefied state, and abrasion of the cuticle.

Wigbels—A black eye, eh?
Surgeon—Of course.

Mrs. G. B. Cox—Mrs. Ridge, what is your husband's income?

Mrs. Searcy Ridge—About three a. m.

POCKETED

In an engineering works in the north of England pilfering had been going on among the men. The master spoke to the foreman, an Irishman, on the matter, telling him if he had any suspicions to search the men before leaving.

One evening Pat had occasion to do this, and while in the act of telling the men to take their coats off the master came by.

"Well, Pat, what is missing now?" "A wheelbarrow, Sir."

ON THINKING

Every man has a right to think, but he has no right to think that you must think as he thinks even though he thinks he thinks right. If you think that the other fellow ought to think as you think, then you do not think as you ought to think, because you want to force the other fellow to think what he does not think. I think I think right, still, I may after a while think as the other fellow thinks. Therefore I think I think right when I may perhaps think wrong. All I say, is; think and be fair and let every person think as he thinks, and get books that will make you think.

The Problem of the League of Nations is simple when compared to the perplexing problem of a certain prisoner.

His father was a Czech, but his mother was a Serb. He used to live in Bohemia, but his sympathies were all Italian. He fought for the Austrians in Galacia, owing to his love for the Croats and Magyars. Suspected of being a Slovak or Ruthenian he was sent to the Italian front where he slipped on a banana skin and was captured.

"DADDY OLOGY"

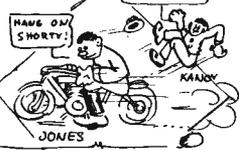
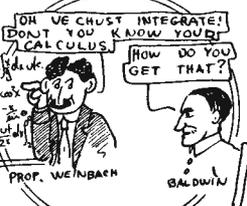
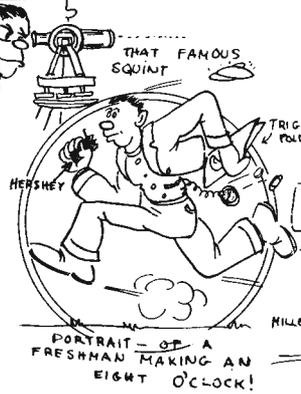
Think! It will not hurt you.

Gentlemen, do not guess. You are sure to guess wrong.

You may not have heard the Theory of Least work, but most of you practice it consistently.

Well, are any of you desirous of knowledge this morning?

Memories of The S. A. U.



Chick - 1919

"Our doubts are our traitors and make us lose the good we oft might win by fearing to attempt."

"Beedam," queried Wienie of our cartoonist, "what is the difference between electricity and lightning?"

"You don't have to pay anything for lightning," answered Beetham.

Gaubatz, (in the Chemical Lab): Dr. Schlundt, shall I take sodium or potassium?"
"Neither, take arsenic."

*Good intentions wind the clock,
And set the alarm, it's said,
But it taxes mill power, a goodly stock
To get us out of bed.*

A Rookies Complaint

"They took me from a good job and put me in the army. They took away my good clothes and gave me olive drab and heavy clothing. They took my name and gave me a number, No. 494. They make me go to bed when I am not sleepy and make me get up when I am. They make me go to church, which I never did before. The other day the preacher said: 'We will now turn to No. 494, Art thou weary, art thou footsore?' and I said, 'Hell yes' and they gave me ten days in the guard house."

It is urged that a certain member of the Engineering Faculty provide the students with a list of things upon which he is The Authority. This would aid them greatly in their quest for information—and besides—it would prevent any mistakes due to poor memory on the part of that professor. Each year we find a new branch of learning which he is an expert at.

Sergeant King, (Instructing rookies)—
"When I say 'Bout Face!' you place the toe of your right foot six inches to the rear of the heel of your left foot and just ooze around."

Wat is a Kilowatt?

A Kilowatt is a cross between a buzz-saw and a cockle burr. It resembles a wart and in warm weather it smells like a Hun. It has a habit of swelling out like a quart of rice in a pint cooking vessel. It is a cousin to the water-meter. The latter has a habit of slopping over. It has been known, when detached for repair, to measure up six million gallons while being taken to the repair shop. Still, a kilowatt is a handy thing to have in the family when milk is scarce. It can also be used as a tack hammer in putting down carpets.

Whitton—What's the matter with your hand?

Leach—I went into the Palms to get a cigar and somebody stepped on my finger.

NOT BULL

Cow Thief (in prison yard, in a grimly humorous vein)—What time is it?

Watch Thief (unexpectedly)—Milking time.

Ben Fleshman found a fine pair of pliers so he has decided to become an Electrical.

We received this bit of marine poetry from the U. S. N. R. F.

What a funny bird the frog are!

When he run he hop most.

When he sit he squat most.

He ain't got no tail most.

What a funny bird the frog are!

When he hop he almost fly.

When he sit he almost lie.

He don't know hardly nothing at all.

King's room-mate (getting up)—Time to get up King.

King (with a stretch and yawn)—What time is it?

His room-mate (grabbing his trousers and coat) Just two minutes until eight.

King (diving under the covers)—Oh, gee! One more minute to sleep!

The fraction leaned over and touched the whole number on its digit. "Say," she whispered, "is my numerator on straight?"

Some surprise has been expressed that from last year's income tax returns engineers have found to have larger incomes than lawyers. However, each man's word is taken for his own income tax return, isn't it?

Which reminds us to ask, "Not that we care, but who put that green flag on the Law Barn about the first of the year?"

Some Nervy Ones

The guy who borrows your dress suit to take your girl to a dance.

The professor who prescribed his own text book for use in the course.

The section instructor who borrows your lead pencil to mark your paper "F."

Mabel's Letter to Agnes After a Visit to the University.

Dear Agnes:

I just returned from a visit at the University with by brother John. You know

John is studying to be an engineer—not one of those men that runs a train engine, but one that wears flannel shirts and leather shoes that come up to their knees. John hasn't decided what he going to be when he gets his diploma but he thinks he will teach in the University for it is so easy. He said Electrical Machinery was the easiest to teach because if you can't work a formula, all you have to do is to say "Make a few assumptions here and you will get the right answer." In surveying if you miss a problem you, just say, "It is close enough for all practical purposes." It is awfully nice to have a diploma, for then you can prove that you have an education, otherwise it is impossible to prove it.

John showed us some of the queer pieces of machinery that he uses. One of them was a planometeor. No Agnes, this is not a rock that falls from the skies, but it is an instrument that measures the amount of steam in a gas engine or something like that. Another funny instrument was a transom. It sets on three legs and is used for shooting polaris, finding azmuth, and building railroads.

As John is a Junior Engineer he has a desk in a design room. To get to this room, we went into the Engineering Building and after traveling through a long tunnel, we came out in what they call the annex. Here John piles all of his books, handbooks, a slide rule and drawing instruments on his desk and copies his Mechanics Problems from someone else. He is very popular among his instructors. They wanted him to take Electrical Machinery over so he could help the other fellows for Mr. Wienbach says, "If John understands it, everybody else does."

Well Agnes, I must close and write to John.

Sincerely,

Mabel.

Wienie: Davis, can you explain vat ve mean py inductance? I always start vit you so de whole glass gets a chance.

Leach: Whitton, cut out pounding on that desk.

Whitton: I was just starting my watch.

For a long time we had hopes of getting King to break away from the girls at the boarding-house, but the new addition to the group has caused the class to give up all hope.

Some who made contributions to the Shamrock may be offended by the fact that their contributions were not used. The situation is just this. The Staff has saved them for a good purpose. Every little while we get discouraged because we did not put out the book that we think that we should, and then we take out those contributions and see how much worse the Shamrock might have been, and that makes us cheerful again.

An officer on board his ship was drilling his men.

"I want every man to lie on his back, put his legs in the air, and move them as if he were riding a bicycle," he explained. "Now commence."

After a short effort, one of the men stopped.

"Why have you stopped, Murphy?" asked the officer.

"If ye plaze, sir," was the answer, "Oi'm coasting."

We never suspected it that we would have a minister in our midst, but we are beginning to suspect Van of such tendencies.

"Aw what do you know about milk?" snorted Shelton.

"Tell you what I know about it," retorted Hocker as he dipped a spoon into the icecream he was eating. "I've had a little personal experience with milk. Doctor put

me on a strictly milk diet once. I lived on it for over eighteen months. Before starting this diet, I was flat on my back, couldn't walk, couldn't talk, weak as a baby. At the end of the thirteenth month of this straight milk diet I was strong enough to walk quite a bit, and it didn't make me tired to talk. Trebled my weight in a year and a half! When I started the diet I weighed only eight pounds and—wait a minute, friend. What's your hurry?"

WANTED

Special jobs in the handling of explosives. By men experienced in all lines. Come in and talk it over. Delicate jobs a specialty. Law meetings broken up on request. Satisfaction guaranteed. We do anything.

For communications, leave specifications on third Column.

Blond Powder and Red Dynamite.

Why have Shelton and George been so chummy since the famous Progressive vs Bolsheviki meeting?

Wigbels has a past in several states and also has a mustache on his lip, but you couldn't tell either from appearances.

The reason why certain bald-headed men are so eccentric is that their hair grows in and tickles their brains.

Many are not aware that the constellation of O'rien (frequently misspelled Orion) represents the giant figure of an Irishman holding in one hand a shillelah. The traditions of the Engineers has handed down from year to year tell us that this hunter was a friend of St. Patrick and upon his death St. Patrick had him placed in the heavens where he could spend the days and nights of Eternity hunting the Lion, Bull, Bears, and the Hare. He is accompanied by his faithful dogs, Canis Major and Canis Minor.

Memories



FT when we are far from the shadows of the walls of Old Missouri in search of Fortune and perhaps more often meeting her daughter Misfortune, our minds will wander back to the days when we gathered in the Senior Electrical Design Room. Within the walls of this historic room has been planned the activities of many of the St. Pat's Days of old. As we look back over the past year we see many occasions when a motley group assembled for the discussion of various subjects throughout the list of subjects known to men and some few not generally known to gentlemen. Often from a scene of deep study and labor wherein sat "Van" at his desk in the front of the room and "Wiggie," "G. B.," Remley, Hocker, "B. J.," Laughlin, Shelton, and Ridge scattered throughout the room, the view would change to a scene of animated discussion or argument over some particular question. Speaking of Van's desk always calls to our mind the apparently unlimited supply of articles which Van could withdraw from that desk. He had everything from pins to spikes. To speak further upon his acquisition of such articles would be unkind and useless.

In this room escapades against our enemies, the Mules, were planned, the battles of the war fought, and the Savitar Queens elected. One of the pleasant indoor sports was that of watching the multi-colored display of feminine apparel in the Preventative Med. parade. This room was the scene of the famous Progressive vs Bowl'owhisky meeting in which Solomon so distinguished himself as an orator.

Occasionally a fellow student from the Mechanical Design Room or the Civil Design Room might appear on the scene of discussion. Perhaps it was "Bones" Foster to borrow a cigarette, "Bob" to see if there was any ice cream around, or "Vic" to start a game of pitching pennies and thus increase his available funds. We will never forget those penny-pitching games—most of us were kept devoid of postage money

by the "Pros" who practiced so much on the cracks in the floor of their rooms that they wore holes in the floor and were "fired" by their landlady. But the amateurs soon learned to avoid the professionals. Sometimes a timid Freshman or a more venturesome Sophomore would meekly inquire if he would be allowed to enter. His request was always treated in accordance with the laws of hospitality, providing—he had business to discuss.

It is in this room that "A. C." and "Wienie" gave us their extensive computations, the deep theory of which Laughlin fittingly remarked we knew nothing about. The one remarkable thing about these computation periods is the fact that, although the individual slide-rule "artists" generally vary in their answers by some 900 or 1000 percent., they generally agree closely on the work which they hand in. This is largely due to the system of averaging results. So far, neither of the learned professors has determined the equation which they use in the averaging process. The question that brings white hairs to our head is, "how can "A. C." take his 4-inch slide-rule and compute rings all around the "artists" who use the latest 10-inch Dupleix and Log-Log type?" The problem has completely baffled Van, causing him to speak in highly complimentary terms when discussing "A. C's," Baby Ben slide-rule.

It is not known whether Wigbels, Vanhouten, Virtue, and Laughlin maintain rooms or not, as they evidently live at the Design Room, going out only to attend classes or take nourishment. However, the latter in the form of ice cream is often brought to them, thus saving them many a trip. George seldom uses the Design Room but maintains a desk where Shelton may place his waste-paper.

In general, when a "Bull Session" in the Senior Design Room ends, results will soon be forthcoming for as someone has remarked, "It's a wild night on the moor."

Ex Plosive

Doughboy's Version of Psalm 23

The "Sarge" is my shepherd; I shall not rest.

He maketh me march in the deepest of puddles; he halteth me besides the smelly swamp-lands.

He restoreth my vocabulary; he leadeth me into the realms of profanity until my jaws ache.

Yea, though I walk in the shadow of Hades, I shall see no others; for thou shalt be with me, and thy bark and thy scowl shall make me feel at home.

Thou conducteth a solo drill exhibition for me in the presence of mine enemies; thou findeth on my gun much oil and my skin-list marks runneth over.

Surely, "Forward" and "Halt" shall haunt me all the days of my life; and if I ever meet thee in a dark valley, I will dwell in the house of the Guard forever.

From the Liaison

A Vision of To-morrow

Our hero hangs the khaki on a most convenient hook

And plucks a pair of chickens heading toward a cozy nook.

Lieutenant: Are there any Junior Engineers in the company?

Private Edwards (hopefully): Here, Sir!

Lieutenant: Well then you can fire the furnace today. Report to the basement at once!

"I guess we have the best jumpers in the world" said the American. "Why one of our men ran 30 miles and then jumped over a five-barred gate."

"Sure, no wonder he did" said the Irishman. "Look what a run he took."

"I am delighted to meet you," said the father of a Junior Engineer, shaking hands warmly with a certain professor. "My son took calculus under you last semester, you know."

"Pardon me," said the professor, he was exposed to it, but he did not take it."

From the appearance of the Campus this spring it might be inferred that the Law Barn had been swept out. Another case of the Aegean Stables, perhaps.

Our friend Laughlin was escorting a friend about the grounds at Fort Monroe. Just as a rifle was fired, the girl fainted and fell into the young lieutenant's arms.

As she recovered she exclaimed, "Oh, I beg your pardon! I was so frightened!"

Laughlin hastily replied, "Never mind! Let's go and look over the heavy artillery."

The Reason He Wanted To Shave

His landlady (to Solomon during whisker days)—See here, young man, you've got to shave. You've worn out nearly all the pillow cases in the house.

The following conversation was overheard in the Law Barn after the appearance of Theda Bara in the role of "Cleopatra."

"Have you seen Theda Bara's Cleopatra?"

"All there was of it."

"How much was that?"

"Two breastplates and a fig leaf."

"Was it true history?"

"The naked truth."

"How does she compare with other Cleopatras?"

"She outstrips 'em all."

"Pretty face?"

"I forgot to look."

"Good figure?"

"Marc Antony thought so. Who am I to criticise?"

"Is the film good?"

"Over exposed."

"Does Theda show talent?"

"She reveals much."

"Is she cute?"

"Very cuticile."

"Who wrote the scenario?"

"Eleanor Glyn."

"Where was the picture made?"

"Women's department, Hammam Baths."

"When?"

"One September Morn."

"Who designed the costumes?"

"Mother Nature."

"Is there much of Shakespeare in the film?"

"No, but a lot ob bacon."

"They say Theda's rich."

"She ought to be—she Hooverizes on clothes."

"Surely she wore something?"

"Yes, her hair was dressed."

"Nothing else?"

"At the end she wore an asp."

"Was it a real snake?"

"A reel snake."

"Did the audience like the picture?"

"Some women laughed loudly."

"What at?"

"At intervals."

"Is it a film for children?"

"Well, its a Bible lesson."

"How so?"

"A study in revelations."

An just about this time the lights went out in the Law Barn.

Fifty-two

This story hails from France: "A colored soldier was taken before the judge charged with carving up an ebony friend. The judge said, "Why did you get so angry and cut this fellow up so?" "I wasn't sore at this boy, judge," the soldier explained. "But last night when I went down to see my gal, I finds this nigger dere, and dat makes me mad, but when I got close up in my soldier clothes and saw dis nigger fannin my gal wid his exemption card, I jes got so pizen mad I jes nachally carved him up,"

Old Eben Jones of Nashville went into a New York life insurance office and requested a policy.

"Why Uncle," said the president, "you are too old for us to take the risk. How old are you?" "Ninety-seven come next August," said the old man, and added testily: "If you folks will take the trouble to look up your statistics you'll find that mighty few men die after they're ninety-seven."

SPECIAL EXTRA

Just before going to press we learn that:—

Fuse Wiggie leaves for South America Mar. 17 to escape "Kansas Justice."

K. K. has quit his boarding-house.

Van has taken a position as Church Decorator.

G. B. is seriously considering discarding his leather.

Horace F. Major again suspects the Engineers of putting stakes on the Campus.

W. D. again threatens us with a date at Stephens.

C. W. is caught flirting with the nurses as they pass the Design Room.

Vic was seen wearing a white collar.

Whitton takes Goldberg to the Hall Theatre.

Ridge swears off pitching pennies.

B. J. was seen talking to a stenographer.

As The Years Roll By

*Let Profs do their worst, there are moments
of joy,
Bright dreams of the past which they cannot
destroy;
Which come in the nighttime of Flunker's
Despair,
And bring back the features St. Pat used to
wear.*



THIS begins the Shamrock of 1906, the first of the series of annuals that was destined to record the yearly activities of the Engineers of Missouri upon the Seventeenth of March, and which continues to be published upon the day of homage to our Patron Saint.

The celebrations in honor of St. Patrick began with the discovery of the Blarney Stone during the excavations for the foundations of the Engineering Annex in the year 1903. This stone was found to be covered with ancient figures resembling the hieroglyphics of old. For a long time these obvious purveyors of some important text were unread and even baffled the wise ones of the Faculty. However, the strange writings were soon translated after some concentration on the part of some of the Senior Electricals and the translation given to the world. These men announced that the results of their researches into the ancient writings of the past ages had given them the knowledge whereby they found the Blarney Stone to convey the fact that Erin Go Brah meant St. Patrick Was An Engineer. Class meetings followed and as the importance of the discovery became evident to the student body, Mar. 17, 1903 was declared a holiday by the body of Engineers. The following resolution which was passed expresses very

forcibly the governing spirit of the celebration.

"Whereas, in the ranks of the Engineering Department there are many of noble birth and Irish blood, and, Whereas, the ancestors of many of our illustrious students came from Erin's Isle, and, Whereas, Saint Patrick was an Engineer, Therefore, be it resolved that the Engineering Department take a holiday and attend the morning prayer-meeting in a body."

On the morning of St. Patrick's Day a large group of Engineers attended the "prayer-meeting" in a body, and in the general library where the meetings were held, they dedicated themselves to the service of their Patron Saint. It is said that it was a most imposing and impressive scene. After this they followed the band about town, singing Irish songs and having a splendid time in general. With this bit of introduction of the Spirit of St. Patrick to the university, they departed to their rooms where they enjoyed a much needed rest. It was to be expected that such action on the part of mere students would call forth opposition from the faculty, and expectations were not to be slighted. Various members of the faculty, who were not yet converted to the new faith, expressed their opinions. It is needless to say that such expression of opinions did not effect the faith of the Engineers in the Blarney Stone and its message. But the Discipline Committee got more results, its influence being more in the nature of actions rather than words. The actions of the committee resulted in "Nappy" Morehead, a Senior Engineer, being "canned" for two weeks.

The next year, 1904, was marked by the spirit of a unanimous cut. Never a nay was heard to the motion to cut all classes.

However, the advice and pleadings of "Artie," A. M. Green, Professor of Mechanical Engineering who was Junior Dean at that time, resulted in the Seniors attending classes that day. That night the Seniors celebrated with a banquet at the Hotel Gordon. It was here the "Freddie" Spalding, who was not yet converted to the Faith, along with other members of the faculty made certain remarks concerning Universities vs Kindergartens. Let it be said that Professor Spalding has long ago become a loyal supporter of St. Pat's activities, having been wholly converted to the Faith some time after the above occurrence. "Artie" also became reconciled and both of the men are now Honorary Knights of St. Patrick.

The year 1905 marks the real beginning of the extensive St. Patrick's Day activities that we now know. That year committees were appointed to plan the celebration and direct it. Several new features were introduced, among them being the presence of the Representative of Saint Patrick and the holding of the Kow Tow on the Quad. During the celebration an Engineers' banner was flown from a wire stretched from the Engineering Building to Academic Hall. This was perhaps the real beginning of the Campus Stunts. Antagonism from the Mules was anticipated but luckily for our equine enemies no interference was encountered. The Senior Banquet which marked the celebration the year before gave way to the St. Patrick's Ball which still holds sway and which gains so many feminine votes for the Combine on class elections.

The year 1906 saw the issuance of the first Shamrock which was a 20 page, 4" x 7" edition dedicated

To Saint Patrick, the Perfect Integral, whose First Derivative was an Engineer.

The celebration for that year was elaborate. St. Patrick arrived in an airship which hovered over the Columns throughout the day. The Kow Tow took place in spite of the snow which covered the ground, and

the Knighthood in the Order of St. Patrick was bestowed upon those who had served faithfully for four years. The Grand Ball in honor of the Knights of St. Patrick closed the day.

The celebration of the years 1907 and 1908 were similar to the ones of the preceding years and the Shamrock continued to increase in size and interest. The Campus Stunt for the year 1908 was a replica of the Blarney Castle and sprang up over night on the Quad. This was the year of the great Dragon which gilded from the entrance to the Engineering Building. The Shamrock of '09, as was the later issue of '15, was dedicated to L. M. Defoe. This serves to indicate the esteem and love which Engineers hold for "Daddy" Defoe, the students' guide, counsellor, and friend. During the time that he has been with them they have found that to know "Daddy" was to love and respect him. They look to him as one who can sympathize with them, who is always interested in their welfare, and to whom they may always go for advice which is worth while.

The celebrations of '09, '10, and '11 were all equally successful from the standpoint of the faithful. In 1910 President A. Ross Hill announced that Mar. 17 would be a holiday for the Engineers and such it remains to this day. This has saved the Engineers the necessity of making up lost credit due to cuts and has made us feel that our celebrations are becoming recognized as useful in the creating of a healthy and active student body.

The year 1912 found the Shamrock much increased in size, the issues of '12, '13, and '14 being of the size that we are familiar with. The issues of these three years stand out as a monument to the efforts of the classes of that period. They have not been surpassed by any succeeding issues. The celebrations of '12 and '13 are notable from the entire absence of either internal or external friction. Such cannot be said of the

year of 1914 for it was during this year that the famous scrap on the steps of the Law Barn took place. After the parade and while the Engineers were at the Kow Tow, the Lawyers burned the floats to avenge their ruffled tempers. They had objected to a float which exposed the nature of one of their meetings. The act resulted in a general water bath for the Lawyers and ended with a complete victory for the Engineers. This encounter gave the Mules sufficient experience in the gentle art of "*Rough and Tumble a la Engineer*" that they have since been very docile. Their ambition to outwit the Engineers has been reduced to its absolute zero. Meanwhile the good will between the Ags and the Engineers has been evidenced by the solidity of the Combine which is always first in the field.

And so year by year the celebration of the Engineers have been carried out with success. The Campus Stunt of '16 was a giant Irish Harp and that of '17 was a replica of Eiffel Tower of some eighty feet in height brilliantly illuminated. The stunt of '18 was a full sized model of an aeroplane. Each year the Campus Stunt is accompanied by the Laboratory Stunts which are a source of amusement and interest to the students and citizens of Columbia. The St. Pat's Ball has grown more resplendent and the Shamrock has maintained its place in the interest of the student body.

We now cease our retrospect—our glance backward into the days when to celebrate the day of our Saint was to incur the disfavor of the powers that be—and look into the future when nothing but good will will mark the attitude of the faculty toward us. We are looking toward the time, and we do not hope in vain, when the plan of George A. Irion, '18, will be realized—the day when the celebration of St. Patrick's Day by the Engineers will be a national one among the universities which maintain engineering schools. Already Oklahoma, Arkansas, Iowa, Minnesota, and Rolla School of Mines join us in the celebration, and with this years celebration several new ones will enter. It will soon cease to become a local

celebration but will become a national one in which the spirit of co-operation that means so much to us will characterize the Engineering Department so associated. Each year, as in the past, the Blarney Stone, the mute testimony of the fact that St. Patrick was an Engineer, will honor the occasion of the conferring of the Degree of St. Patrick upon the faithful followers. So will Engineers continue to honor their Patron Saint.

The celebration of 1919 takes on a new aspect, that of a remembrance of the boys that have died in service—an acknowledgment of the services that they have rendered their country in the time of need. To the memory of these men, former students and loyal followers of St. Patrick, the Engineers of Missouri will erect a fitting memorial.

We are thankful that we have these traditions that have been so long held. They have served as a basis upon which has been built an organization which stands for comradeship, co-operation, and unity and serves to maintain the college spirit. It serves to bind our department into an organization capable of originating, developing, and carrying out a plan. It is the basis of the good will and solidity of purpose which marks our department. The associations during the preparations for the celebrations, the smokers that precede St. Pat's, and the carrying out of the celebrations serve to make the Engineering Faculty and the Engineering students friends and co-workers. It is under such conditions, especially at the smokers, that we become acquainted with such characters as "Daddy", "Weinie," "Piggy," "A. C.," and others. These factors instill in the Engineering graduate the love for his Alma Mater which will not desert him in later years. This is evidenced by the large number of communications that come to us at the time of the celebrations and also by the number of Knights that return each year to renew old acquaintances.

May the classes that are to come never slacken in the faith that St. Patrick was an Engineer.

Sons O' Erin

It is rumored that Professor Ira S. Griffith, Chairman of the Manual Arts Department, will soon leave us to become Chairman of the Manual Arts Department of the University of Illinois. The Engineers regret very much to lose their esteemed professor, loyal Knight of St. Patrick, and splendid citizen. He leaves a place in our midst which cannot easily be filled, for there are few that hold a higher place in the hearts of the Missouri Engineers. Loyal Knight, our best wishes are extended to you in your new capacity.

It is with regret that we learn of the death of Oscar Schaefer, B. S. in Che. E., '09. During the past two years he was general manager of the Chemical Products Company of Denver and it was while making a trip through the mines of the company that he contracted pneumonia which caused his death. While in school Mr. Schaefer was a member of the following honorary fraternities: Tau Beta Pi, Sigma Xi, Alpha Chi Sigma.

A new feature of the St. Patrick's Day celebration this year will be a reception to be held in the Engineering Library for the visiting former Engineering students and Knights of St. Patrick. We hope that this may become a regular feature and that more and more of the Old Grads will

find time to come back and enjoy the day with us.

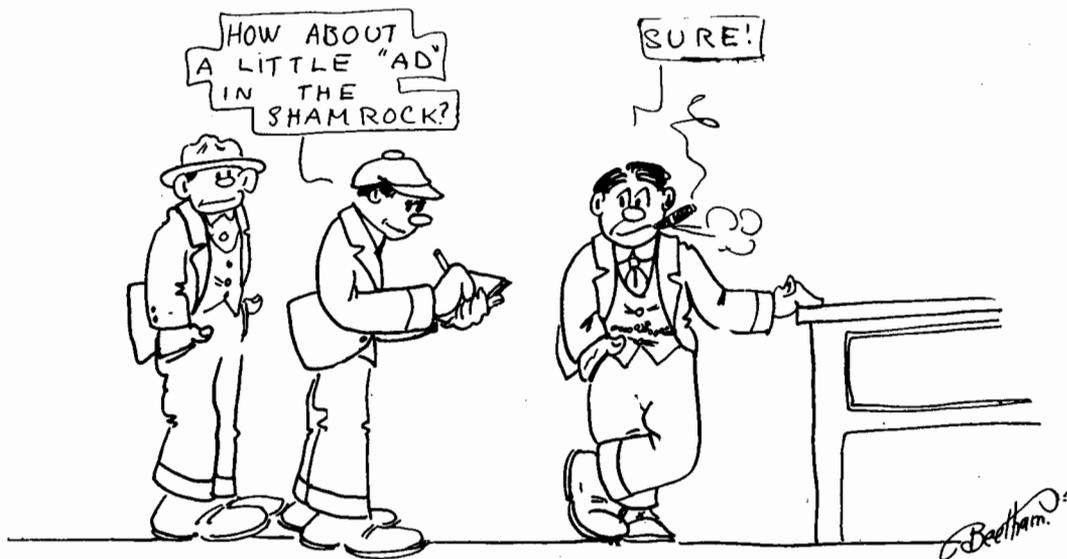
Charles Wilson Laughlin, Robert Terril Powers, Melton E. Foster, and Bryan Hungate are again with us after receiving their commissions as Second Lieutenants in the Coast Artillery.

Louis N. Thompson, B. S. in M. E. '18 is now employed with the Westinghouse Electric and Manufacturing Co. James Oren Walz is also in the employ of the same company.

John W. Baldwin, B. S. in Eng. '18 is with the Goodyear Rubber Company at Akron, Ohio.

Cecil ("Shorty") Draper, Editor of the 1918 Shamrock returned for the St. Pat's celebration. "Shorty" has just been discharged from the service. He received his commission as Second Lieutenant in the Field Artillery on Oct 2, 1918.

Many of the Class of '18 are now in the service, but we are unable to secure information concerning their stations. It is urged that every graduate of the Engineering School make it a point to inform the Engineer's Club of his location. A letter to the Engineer's Club would be appreciated by the students who are always anxious to hear from the Son's of Erin.



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about a locomotive)—That's an engine boiler.*

*His girl (looking sweetly into his face)—and
and why do they boil engines?*

Van (seriously)—To make the engine tender.



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Young Miss—This word is a noun, but it is usually
used as a conjunction. It is never declined and is more
common than proper. It is not very singular in
that it is generally used in the plural.
It agrees with me.*



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*Old H W H was an Engineer, he was, he was,
For he invented a line of gab
That makes you laugh when you're feelin' sad.
Erin Go Brah!
H. W. Uber Alles! Rah! Rah!*

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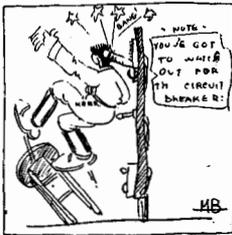
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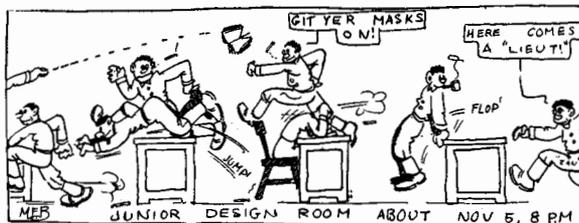
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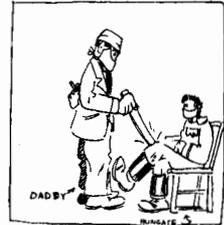
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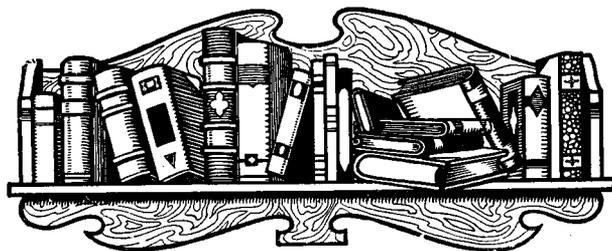
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Especially do we commend the engravers and printers for their patient efforts toward a successful publication.

And now, the ENGINEERS OF MISSOURI bid you adieu until 1920.

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