



05 Feb 1923

The Missouri Miner, February 05, 1923

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"The Missouri Miner, February 05, 1923" (1923). *The Missouri Miner Newspaper*. 274.
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THE MISSOURI MINER.

Missouri School of Mines and Metallurgy, Rolla, Missouri.

Vol. 9, No. 22.

Monday, February 5, 1923.

Price, 8 Cents.

MINERS ON A TRIP

BIG MASSACRE AT M. S. M.

AMERICAN LEGION POST TO HOLD OPEN MEETING.

Martin F. Bowles Post, No. 76, American Legion, will hold an open meeting for all the ex-Service Men in Phelps County. The event, to take place Thursday, February 8th, at 7:30 P. M. in the Knights of Phthias Hall, is primarily planned to interest and recruit eligible candidates for membership in the Post from the many ex-service men who are permanent residents of Rolla and Phelps County. Such men must soon take charge of the Post and build up its membership among themselves, or the Post will expire with the imminent departure of many Vocational students who constitute a large majority of the membership. But the invitation is cordially extended to all ex-service men in this community, regardless of their status as citizens of Rolla or Phelps County, and will, of course, include a very large percentage of the M. S. M. personnel.

The evening's program is planned to include a variety of real entertainment, such as might be expected from Coach Bishop, with his entire undefeated wrestling team; Coach Keessler with several members of his equally famous boxing team, the Legion Orchestra, assisted by members of the Varsity Orchestra, and others, copious show, smokes, and good fellowship.

A special invitation has been given the V. F. W.'s, and is hereby extended to all other World War service men of M. S. M. Perhaps casual mention might be made at this juncture of the fact that it is impossible for the guests to lose; everything being gratuitous, magnanimously donated, and with out cost—that is to say, the Blowout will be free, gratis, and no charge will be made, other than that of the chow-hounds at eventide hearing the mess sergeant's whistle from afar.

St. Valentine's Dance, February 16th.

PROFS. AND STUDES IN MONTHLY BATTLE.

Feeling has been running high on our campus for the past month, moments of intensity have come and gone, friends have severed friendship for life, and enemies have been brot together after long periods of hard feelings toward each other; everybody has been lining up on one side or the other; everybody knew it was only a question of time when the terrible battle would break, and those of the student body, on one side, thought it would be about the last week in January, when those of the faculty, on the other side, knew it would be about the last week in January.

The battle started last Thursday morning, when Capt. Hanley of the Metallurgy Department, gave a quiz in Electrometallurgy. Immediately after Sergeant Updike had arisen, and had his morning's malted milk at H. & S. he went to the Metallurgy building (it was then 10:00 a. m.) and went into consultation with Capt. Hanley, Brig. Gen. Thornberry and Major Gen. Clayton. On seeing this, the company of Electrometallurgists knew that war was brewing, and set about on a defensive plan. The left and right flanks were guarded by huge walls, and had ponies at their command; while the rear guard was well covered with a rear wall. Of course they knew some one must suffer. About this time the offensive appeared with a phalanx, and the battle opened. Blood curdling scenes took place. Ponies were murdered cold-bloodedly. The defensive put forth an awful front, but the Captain's phalanx was ever active. When the smoke of battle had cleared, and a review of the hour was taken, it was found that some had rode through on top, others were struggling, and still others had succumbed for the month. It was a sad day for all concerned.

Now, over in another part of the

Continued on Page Three.

PLAY TWO GAMES IN SPRINGFIELD.

The basketball team will go on a two-day trip to Springfield the first of the week, playing Drury on Monday, February 5, and the Springfield Teachers February 6. The Miners have put in a week of hard practice, and are out to even up things with Drury for their early season victory. Although the Springfield Teachers are not expected to furnish as stiff opposition as that expected at Drury, they will, nevertheless, present a troublesome aggregation.

MINERS MEET ILLINOIS COLLEGE.

The next home game on the Miners' schedule will be played in Jackling Gym February 9th, against the strong Illinois College quintet. They hold a victory over our old rivals, Drury, and are coming here with the intention of adding another victory to their list. Illinois is noted for the good basketball teams it produces each year, and Illinois College has so far lived up to this reputation.

THE PLAY WELL UNDER WAY.

"The Seven Keys to Baldpate" is fast moulding into form, under the direction of Pem Gordon, who is in charge during Doc. Armsby's absence. The play is of a different calibre from any that the Players have attempted in the past. The cast is exceptionally good, and each member is working hard to make it a big success. A large number will make their first appearance at M. S. M. in "The Seven Keys to Baldpate."

The proceeds will go to the Rollamo Board. The tickets will be on sale soon. The Rollamo Board is planning on putting out a great annual this year, and need your support. The play is one you will never regret having seen, so "shell out" when they way-lay ou.

DeMOLAYS, NOTICE!

There will be an important business meeting Tuesday night, Feb. 5, at 7:15. Be there, and be there on time.

CIRCUMSTANCES ALTER CASES.

By J. P. C.

It used to never once enter my head
That the sporting page by me should
be read;

Why, I'd pass it up day in and day
out

With never a thrill, or never a
shout;

But now, don't you know, things ain't
the same

Since I have a boy who plays in the
game.

When the paper comes now I grab the
thing

And turn to the sports with a hurried
swing,

And read all the news, and con all
the dope,

And figure out the things for which
I hope;

For athletics to me is no more tame
Since I have a boy who plays in the
game.

I'm anxious as any one now to know
If the games are fast or if they are
slow;

I try to keep tab on what the teams
do,

And of all the players I note who's
who.

I do lots of things I never did before,
Since I got a boy who helps make the
score.

—Prospect-News, Doniphan, Mo.

VOCATES.

The American Legion had a meet-
ing last Wednesday night, and served
"eats." A game was played, and Roy
Nelson was the lucky fellow, winning
the prize of a silver dollar.

"Hansome Herb" White is said to
be the "Sheik" of the stage in Rolla's
professional world since he has joined
the M. S. M. Players. He even admits
that he looks like "Vasaleno."

There will be a display of war re-
lics in Baumgardner's window for one
week, commencing Monday, Feb. 5.
They are being shown under the aus-
pices of the American Legion. A
great many of the relics will create
much interest.

"Nig" Wakeland's mechanical cock-
roach has just been completely over-
hauled, and is now ready for the
spring rush.

The V. F. W. held their regular
meeting last Thursday night and
were entertained by the Vocational
Orchestra.

When it comes to getting a corner,

the Bulls on Wall Street seem to be
mere pikers compared to one of our
bunch. We have with us a man who
seems to think that he has a corner on
all of the hand shaking in school, and
is ready to defend his supposed right.

That there are really bonds of love
and friendship existing between the
Vocational students and the regular
students was proven when Miss San-
ders became Mrs. Gregg.

The V. F. W. gave a dance last Fri-
day night at Jackling Gym, which was
well attended.

Frank Fink ran an adv. in the Rolla
Herald last week advertising a baby
buggy for sale, and has been kept
busy ever since by many prospective
buyers. Rolla must be growing.

Dave Kimble made the discovery of
a full-blooded pot hound last week,
and after feeding and warming him
he turned out to be an inside decorat-
or, and even the third floor did not es-
cape his attention. He mysteriously
disappeared, consequently Lee Elliott,
"Little Eva" Harrigan and "Red"
Williams are blamed.

Joe McDonnell left Wednesday for
Wichita, Kansas, to accept a position
with the White Eagle Oil Co. We
wish him luck.

Fred Schneeberger, Walter Clark,
Dave Kimble, Paul Ost and H. L. Wil-
kerson were improving their time last
week by receiving four of the higher
degrees of Free Masonry.

John E. (Hippo) Vaughn was sur-
prised in the act of buying a suit of
underwear last Monday. After being
quizzed on the subject he sheepishly
admitted that he intended to start
wearing it.

Kurt Stover was a very busy man
last week selling tickets for the bene-
fit show, Mollie-O.

Frank Fink was a visitor in St.
Louis the last week-end.

Max Bothwell went east on No. 4
Friday afternoon, but refused to tell
his destination.

FOR REAL MEALS
EAT AT

GEORGE CRAGLE'S

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ARY & SMITH

Continued from Page One

building Gen. Ore, acting under orders from Gen. Thornberry, was dressing his troops for another battle. The defensive company, in this case, having heard of the terrific slaughter in other sectors of the field, were more than ready, and when Gen. Thornberry ordered a ten-minute battle (he does it every day) at the beginning of the class, the defensive knocked him cold, and came through carrying the gory flag.

When the week's battles of the Metallurgy Dept. had ceased, and the smoke was sufficiently cleared away to see the ruins, it was found that Gen. Clayton was successful, and was still sitting in the bone ash settee, being covered with brown derby, wielding a dirty battoon, and hitting the bull's eye daily in Metallurgy Calculations. Having met with such success, he then turned his attentions toward consultation with Sgt. Dake of the Geological Dept.

This sector had been in bad shape and needed heavy artillery, because only a few days ago sixty thousand of Fire Chief Bridge's choicest brachiopods had assembled mass formation, jumped from their drawers, cases and pedestals, and with a hunk of Madison under each arm had marched out of the Geol. Lab. door and charged down the hall toward Gen. Barley's, and Captain Cambiaire's door. On their arrival there they had challenged twenty-seven of Pete Cambiaire's choicest cats to actual mortal combat. Tom Cat number nineteen jumped up on Private Barnwel's most select assistant, and from his shoulders negotiated for peace. The Brachiopods then returned from whence they came, and the cats were left undisturbed.

So, 'twas ever thus" when all this happened it was seen that Sgt. Dake did not have his Division in the best of spirits, but he decided to battle any way. He threw many troops into the fray, and before the week was over he had had his shot at most every student in school. His battle grounds were far more bloody than in the Metallurgical sector, and the Sgt. has more blood on his hands to answer for.

Immediately down state from Sgt. Dake's Division was Gen. Forbes' Division. He along with his orderly, Private Guiteras, were making some rapid strides, when all at once the Gen. slipped on a Peele, and before he could recover himself the boys were advancing closely upon him. At this time Orderly Guiteras stuck his head around the corner; the boys saw

him, and thinking it a barb wire entanglement, they stampeded. As a result they fought a hard battle, but it is reported that they came out victorious, and all got by for the month.

In another sector of the field Corporal Ratliff was shimmying around, as if doing the Maypole dance, under a huge tree, in which he had the troops of the Physical class cornered. He beseeched Second Lieutenant Woodman many times and on many things. After loudly beseeching Woodman to spare that tree, the Second Lieut. became infuriated and began knocking the apples from their perches. The less advanced ones fell. But in another part of the Physics Division they were Framing up on the boys, and it took a strong current to shock them. Reports from this sector are incomplete, however, we know the Division is a sort of bad one on their being commanded by a Second Lieutenant we can hardly expect quick complete returns.

In another sector troops had been marching down a certain Lane unnoticed. Suddenly some one shouted Turner around and Knight her. This brought the cohorts of Capt. Kershner and Orderly Weigel into play, and the Freshmen as skirmishers, suffered heavily. The battle in this sector was not so fierce; however, there were some hitches in its management, as for instance, when "up jumped an atom" only to be squelch-

Continued on Page Eight.

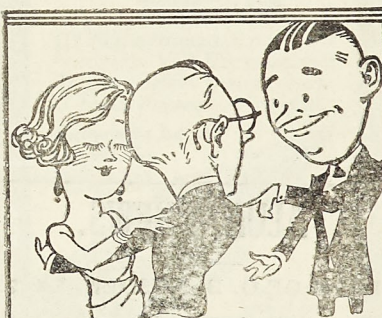
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ALUMNI NEWS.

DEATH OF O. B. AMSDEN, EX-'75.

One of the first students to register at M. S. M., O. B. Amsden, ex-'75, died on January 6, at his home in Pioche, Nevada.

Mr. Amsden registered at M. S. M. in September, 1874, when the school opened, and pursued the Mining Course till June, 1874. After leaving school he worked for several years in the various camps of Colorado. For years he acted as consulting engineer for the Crosby-Erickson Syndicate, of Boulder, Colorado. He prospected much also in Colorado, being one of the original discoverers of Aspen, Colorado. Eight years were spent in the Black Hills of South Dakota, and the same length of time in the various districts of Arizona.

Mr. Amsden was one of the old-time mining men around Pioche. He visited Pioche about 25 years ago, for the purpose of reporting on some mining property. Later he made occasional visits, until in 1915 he returned on a mission connected with the sale of the Ely Valley Mine and since made that place his home.

The Pioche Record bespeaks a high regard for Mr. Amsden, praising him for his technical worth, and for his

possession of an exceptional personality and character in his relations with every one.

The Miner undertakes to express to his family who survive him the sincerest sympathy of his classmates, and those friends of his in Rolla who remember him.

IN ARIZONA LEGISLATURE.

E. Ross Housholder, '18, who conducts a chemical and assay office in Kingman, Arizona, is at present representing the people of the Kingman district as a member of the Arizona House of Representatives.

A. C. Pierce, '16, '18, who owns and operates the Patagonia Engineering and Assay Office of Patagonia, Arizona, is a member of the Arizona State Senate. He is also a member of the Santa Cruz County Highway Commission.

M. W. Wallace, '21, has enrolled in the Student Test Course of the General Electric Company at Schenectady, N. Y. At present he is in the radio division, engaged in radio development.

Paul S. Lindau, '11, who is listed in the present register of graduates as address unknown, is engaged by the United States Gypsum Co., 904 Citizen's Bank Building, Los Angeles, California. Residence address is 4953 B., Pasadena Ave. Terrace.

HAVE YOU BOUGHT

YOUR

Stetson

FOR SPRING?

SCHUMANS

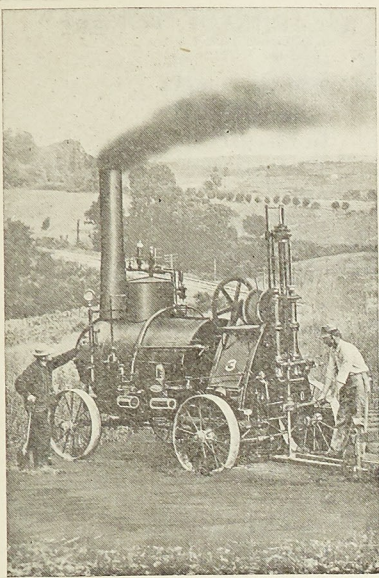
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ROLLA DAY BY DAY.**Bayne DeBurgho.**

I heard a freshman the other day tell a fellow youngster how slow this town is. What a true line of bunk did he spread as he recounted his exploits near the home hearth. He must be some go-getter I thought. Alas, a few days later, while I was glancing over some papers in the office I happened to notice that this fellow hailed from a town which is merely what Rolla would be if M. S. M. should leave. He visits the movies for his experience in the great world.

Postmaster Rucker is in a poor mood this week. And rightly, for it has been many a day since so few letters have been sent to his regular patrons—the students. Don't worry, there will be plenty for the clerks to do next week, when H. H. Armsby comes back with some more new ideas. I think that ideas show initiative.

I dropped into one of the downtown stores this morning, and the clerk told me about a student who had just ordered a pair of smoked glasses, in order that he may sleep throughout a lecture without an unsympathetic Prof. disturbing his slumber. So, if you think this fellow peculiar, remember that there is a reason.

I am no prohibitionist, and so my friends wonder when I say that I don't care for the stuff. But even some of my friends have sworn off because of recent adventures. They obtained some of the whiskey with which most every one is familiar. Good stuff—double distilled. Tasted poorly, but present legislation respects not the taste of the individual. It was necessary to turn over the jug in order to drain the last few drops. With these drops came also an eight penny nail and six carpet tacks, which the bootlegger had evidently intended for a catalytic agent. That bootlegger lost a few good customers.

Col. Woods, Mayor of Rolla, and I took lunch together recently. He spoke with great length on the influence which the proposed shoe factory will have upon the student—150 new girls. No longer will there be an excuse for stags at the Miner dances. He said also that the city had finally purchased a fire truck, which has been badly needed for years. It would be good policy to have a student fire chief.

The first snow of the season greeted us Friday.

I read in the papers that the state legislature, as usual, is squabbling over the smallest amount which it can afford to give Mo. U. and M. S. M. It might be a good thing to have the Booster's Club haul some of the members to Rolla and show them the largest school of mines and metallurgy in the U. S.

A PROMISING BOY.

First Prof.: There's a lad with good stuff in him.

Second Prof.: Let's follow him; maybe we can find out where he got it.

ZINC AS METAL ROOFING.

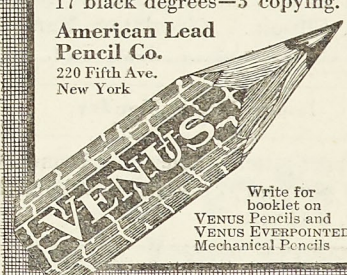
An investigation which was started by the Mississippi Valley experiment station of the Bureau of Mines as an inquiry into the availability of zinc as

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DAN JETT,**"The Man with the Little Red Bag"**

a roofing material for use on farm buildings has been broadened in scope to include a general investigation of zing as a roofing material. The work is being directed by C. E. van Barneveld, superintendent of the Mississippi Valley station.

THANKS.

The Junior Class wishes to thank the student body and the people of Rolla for the support given Friday to make the picture show and the Ford raffle a success.

THE MISSOURI MINER.

A weekly paper published by the Students, in the interest of the Alumni, Students and Faculty of the Missouri School of Mines and Metallurgy, Rolla, Mo.

The Official Publication of the
M. S. M. Alumni Association.

Entered as second class matter April 2, 1915, at the Post Office at Rolla, Missouri, under the Act of March 3, 1879.

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Issued Every Monday.

Subscription price: Domestic,
\$1.50 per year; Foreign, \$2.00. Single
Copy, 8 cents.

ARE COLLEGE DEGREES
ASSETS OR LIABILITIES?

Educators Discuss Employment Department Head Strictures.

The director of the District of Columbia public employment department has published statistics showing that comparatively few college men who apply for positions are capable of earning more than \$10 or \$12 a week, and that employers prefer non-degree men for clerical work.

"It is almost impossible to place a college graduate in a position owing to the lack of qualifications needed in the business and industrial world today," said the director. "These applicants want executive positions for which they are not fitted, and which are very few.

"On the other hand, the employers don't want college graduates. They state that employees of this kind are unfitted for the work and are always expecting increases, which they are not deserving. They are very unsatisfactory, and it is a rarity that they last

any length of time."

Records of a week show that more than 100 persons the department was unable to place had received degrees from some of the most prominent colleges in the country. The few whom the department accommodated accepted positions of a clerical nature at salaries beginning at \$5 a week. Applicants with a business or technical training and those willing to accept laboring or domestic positions were quickly placed.

Educators who discuss the report say that the fault is not with the colleges or the degrees, but the man. They contend that a college degree is an indication of its possessor having spent a certain amount of time, and obtained a certain number of scholastic credits by acquiring a certain amount of knowledge, but not necessarily knowledge desired by business houses in employing clerks. It was suggested by one authority that the most expert bookkeeper, typist, and stenographer in the world would not be worth \$5 a week as a doctor, a lawyer, a chemist, or an engineer. "Why, then," he continued, blame the colleges which prepare a man, at his own pursuits, because his knowledge is not that desired by those who would employ bookkeepers and stenographers?

The fault, contend the educators, is in the sending of boys and girls to college to study abstract subjects, when in future they will have to earn their living by practical effort and not in the college, which does but give to its customers the goods they demand. There are plenty of institutions teaching the art of making a living, it is pointed out, for those who wish to put in their college years in preparation for money making.—Capital News Service.

KAPPA SIGMA DANCE.

The Kappa Sigma initiates entertained the chapter and guests at an informal dance, given at the chapter house on Saturday evening, February 3.

SPEAKING OF "BONERS."

The other night
I was sitting
In the parlor
With my girl
And
Her small brother,
When suddenly
The lights went out!
And at once
I slipped
The Kid
A two-bit piece,
And he left
The room
As I expected
But
The little nut
Went
Right down
To the cellar
And
Dropped the coin
In the
Meter.
I THANK YOU.

—Pitt Panther.

Did you ever take her to a dance, and, after paying at the door, find that you have only seventeen cents left? Then, after a rotten evening of worry have the dear young thing suggest, "Let's eat." And while you were wondering how to break the news have a friend come up and say: "Hello, old man! Here's that ten dollars I borrowed last month!"

Neither did I.

—Punch Bowl.

Mother: "Robbert, I do wish you would stop going with that Jones boy. He strikes me as being a little bully."

The Kid: "Betcher life, ma, dat kid's got de greatest line in de city."

—Froth.

What do you do when you don't wear an overcoat?

Pad my other hip.

—Brown Jug.

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V. F. W. DANCE—A BIG ONE.

As advertised, the V. F. W. Battle which was held at the Gym on Friday, Feb. 2nd, continued to rage on until the objective was reached. This happened in the wee small hours of Saturday morning.

One of the outstanding features of the "fray" was the exremely small number of casualties which were suffered by the home troops.

All of the movements were executed in good form—the flank movements, especially would have made old Black Jack Pershing himself feel proud had he reviewed them.

The special music, as advertised, did much towards making the affair a success—he played a good cornet, which added much to the accentual volume of our home talent.

TAU BETA PI PLEDGES.

The following is a list of Tau Beta Pi pledges for this semester: D. B. Jett, O. W. B. Sitzler, W. S. Wright, C. G. Bowers, W. E. TenEyck and P. L. Flake.

At the same time the scholarship cup was presented to the Grubstaker Club for last semester's work. The cup had previously been held by the Prospectors.

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SHOP

ST. PAT'S BENEFIT.

The Dunham Bros. Barber Shop is giving the Junior Class the proceeds from their business on the 13th, as a St. Fat's benefit. Remember the place and the date.

Continued from Page Three.

ed by the mighty Gen. Monroe.

About the center of the battlefield Gen. Power had planted a dirty hord under the private management of Gen. 'Hard boiled' Jackson. It was known that this would be a terrible slaughter, judging from previous battles in this particular sector. To date, the facts are incomplete, for both sides were so determined on winning that it is impossible to figure them. It is reported, however, that the student defensive resorted to Gas Masks, and used all but liquid fire.

Just at the close of the week Gen. Fulton laid down a smoke screen in Parker Hall, and every building on the campus would have been burned, but for the fact that Fire Chief Bridges rushed to the scene with a porifera of water.

Perhaps the most tragic battles of all was the one in which Major Garrett lost six guineas, thereby causing a tangle between him and Gen. Barley on certain facts peculiar to both, and the one in which the private in charge of the microbes, announced there would be no battle in his sector, and the student defensive shouted "Oh, Pshaw!"

In interviewing the Director of the school on certain sectors during the past week he simply sat back in his chair, tweedled his thumbs and remarked: "Well, Boyce will be Boyce, they must have their fun."

WHO'S WHO.

Earl McKinley Guy is a product of Davenport, Iowa, Gateway to the West. It has more through trains than any other town of its size; one of them slows down to whistle. The funny part is "Spike" is proud of the home town. He claims it is not appropriately named (Davenport), that's why he left. The two things which keep his days from being a perfect bliss are getting up in the morning, and his Vocate Math. class.

The other day some one called the Bonanza house, and asked for Prof. Guy. The Frosh who answered the phone turned and asked if there was a Prof. Guy who was a member of the Club. In order to avoid it occurring again we will inform the school that Earl is a member of the faculty.

So far as records show "Spike" does not do any fussing, although he has been made superintendent of the Presbyterian Sunday School. A lot of others are getting religion lately!!?. It is also noticeable how the attendance of Doc. Turner's class is falling

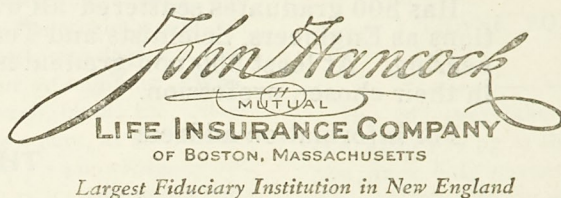
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The man above quoted is the John Hancock's youngest general agent. This shows what college graduates of the right type can do in this business, how they can build up earning power and at the same time provide for an accumulated competence for the years to come.

Graduation is a vital period in your life and you are liable to hold to the business you start in. It would be well before making a definite decision to inquire into life insurance as a career. Address, "Agency Department."



off. "Prof." has been keeping late hours lately, too. Sometimes he comes home as late as 9:30 or 10:00 o'clock. He blames it on radio. (Butt's Manual, second set. "Excuses for Tired Business Men to Give Their Tired Wives for Coming Home Late." Excuse No. 129,642.)

"Spike" has participated in many school activities. The latest is acting as Chief Rubber in the M. S. M. Athletic Association Turkish Bath. His biggest asset outside of this three-quart pipe is his school spirit. If its pep you want, Earl's the Guy.

St. Valentine's Dance, February 16th.

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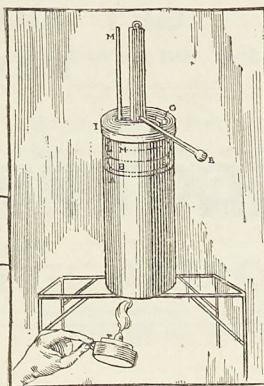
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DENIS PAPIN'S

STEAM CYLINDER

They Weighed Air— and Charles II Laughed

SAMUEL PEPYS says in his diary that Charles II, for all his interest in the Royal Society, laughed uproariously at its members "for spending their time only in weighing of air and doing nothing else since they sat."

This helps to explain why Charles has come down to us as the "merry monarch."

The Royal Society was engaged in important research. It was trying to substitute facts for the meaningless phrase "nature abhors a vacuum," which had long served to explain why water rushes into a syringe—the commonest form of pump—when the piston is pulled out.

Denis Papin had as much to do as anyone with these laughable activities of the Royal Society. Papin turned up in London one day with a cylinder in which a piston could slide. He boiled water in the cylinder. The steam generated pushed the piston out. When the flame was removed, the steam

condensed. A vacuum was formed and the weight of the outer air forced the unresisting piston in.

Out of these researches eventually came the steam engine.

London talked of the scandalous life that King Charles led, and paid scant attention to such physicists as Papin, whose work did so much to change the whole character of industry.

The study of air and air pumps has been continued in spite of Charles's laughter. In the General Electric Company's Research Laboratories, for instance, pumps have been developed which will exhaust all but the last ten-billionth of an atmosphere in a vessel.

This achievement marks the beginning of a new kind of chemistry—a chemistry that concerns itself with the effect of forces on matter in the absence of air, a chemistry that has already enriched the world with invaluable improvements in illumination, radio communication, and roentgenology.

General Electric
General Office Company Schenectady, N.Y.

95-632D

SUMMER COURSE IN FIELD GEOLOGY.

It is proposed to repeat again, during the coming summer, the course in Field Geology first organized in the summer of 1922.

This course will consist in the completion of a detailed geological survey, according to the most approved modern methods, of a rather complexly faulted area in Southeastern Missouri. The party will live in tents, and employ their own cook. The course is designed primarily for the men taking the Geology Option, but, by arrangement with Professor Forbes may be offered as elective towards all the mining options. The course carries 6 hours credit, or 3 hours elective credit and credit for the Junior Trip if such arrangement is made in advance.

During the summer of 1922 the area mapped lay in the vicinity of St. Clair, Missouri, but, owing to the much better topographic base available in the Potosi Quadrangle, an area south of Potosi, in Washington County, has been chosen for the summer of 1923. The rocks exposed in this area range from pre-Cambrian, thru Cambrian to Lower Ordovician, and the structure is sufficiently complex, and of sufficient economic importance, to lend interest to the work.

The regular laboratory fee for the course is \$15.00, payable not later than April 1st. On the same date a guarantee deposit of \$25.00 must be made. The fee and guarantee deposit will not be refunded unless the man withdrawing from the course secures some one else to take his place. Before the trip starts a further deposit of \$25.00 must be made, the total deposit of \$50.00 being for the purpose of paying a cook and for buying provisions. If this deposit proves to be in excess of the actual needs, a refund will be made. If it is not sufficient, a pro rata assessment will be necessary. Last year the total expense for the trip, including the railroad fare, necessary equipment, and board, was slightly under \$75.00. The camp will open immediately after Commencement, and continue for a period of four weeks. Persons desiring to take the trip should consult with members of the Department of Geology in the near future. The camp will not be established for fewer than eight men, and not more than 14 can be handled.

Nowadays when a man reaches for his hip pocket you don't know whether it is a threat or a promise.

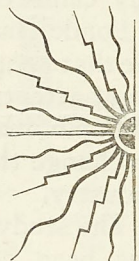
—Pelican.

GET YOUR BOOKS FOR THE NEXT SEMESTER AT SCOTT'S DRUG STORE THE MINERS' CO-OP.

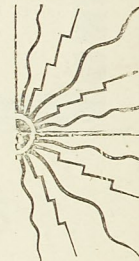
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