



04 Feb 1924

## The Missouri Miner, February 04, 1924

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*Dr. C. A. Johnson*  
*m. S. M.*

# THE MISSOURI MINER.

Missouri School of Mines and Metallurgy, Rolla, Missouri.

Vol. 10, No. 22.

Monday, February 4, 1924.

Price, 8 Cents.

## GRAPPLERS MEET WASHINGTON U. WEDNESDAY.

### HOW ABOUT SOME SUPPORT, MEN..

The Athletic Association has asked the student body many times that each man present HIS OWN athletic card for admission to games, and we are again asking you the same courtesy. Some men say, "Why do I have to show my card every time? You know I have one, and the Athletic Association got theirs when I paid my fees." This is all true enough, but suppose you do not take care of your card. You lose it, and some one not entitled to a card finds it. Some people would return the card, while many others try to slip by the doors on it. At every game we find some one trying to use a card that does not belong to him, and many times in the rush at the door just before a game begins, he gets by with it. **NO ATHLETIC CARD ISSUED BY THE M. S. M. A. A. IS TRANSFERABLE** (not even in your immediate family.) Tickets presented by persons other than to whom the ticket belongs will be taken up and destroyed. No duplicate tickets are issued. We want to ask every man to guard his ticket like so much cash, and present it at every game in such a manner that the men at the door can read the name. By doing this you will save the Athletic Association much trouble, and possibly many dollars.

### A. C. E. CONVENTION.

The Association of Collegiate Engineers Convention will be held at the University of Minnesota on February 14, 15 and 16. The A. C. E. is made up of schools that celebrate St. Pat's, and every member of M. S. M. is a guard in this organization.

"The object of the association is to promote national unity and brotherhood among Engineering Students through exchange of ideas and customs." Two years ago the convention was held at M. S. M. Our national dues and yearly assessment to defray the expense of delegates, which amounts to 45 cents, is now due. Please see the treasurer of your class and square up with him at once.

### "GREEN STOCKINGS" TO BE PRESENTED FRIDAY.

#### Tickets Now on Sale.

The M. S. M. Players will present the comedy, "Green Stockings," Friday night at Parker Hall. This is a very good play, and it has an exceptionally good cast. Herb White, who has the lead, made his first appearance in Rolla about a year ago, and has been seen often since then in productions of the Players. His acting in "Green Stockings" will surpass any he has done in the past. Miss Mary Elizabeth Campbell is playing opposite Herb. "Girlie" has been playing character parts lately, but now she has taken a lead that will give her ample opportunity to display her abilities. Mrs. Lee Elliott is appearing for the first time with the Players. She has had much experience along dramatic lines, and is a big asset to the Players. Mrs. Elliott has a character part, in which she will cause many a laugh. Don Baker is back with one of his hard-boiled old man parts which he had carried so well in the past. E. J. Lyon, who was the detective in "Just Jones," has the part of a young English swell. The difficulties arising from his election campaign are very amusing. Miss Nell Kitchen is making her second appearance with the Players. She is playing opposite Lyon, and is showing up very well. The other members of the cast, Miss Josephine Bowen, Kirk Cammack, Joe Gloekler and Lee Elliott, are all new. Be at Parker Hall next Friday night, and they will show you what they can do much better than we can tell you.

The play is being given for the benefit of the Rollamo. Tickets are now on sale, and may be purchased from any member of the Rollamo Board or member of the Players. The seats will be reserved at the H. & S. on Thursday and Friday, beginning at 12:30 each day.

### BIG JUNIOR NOVELTY DANCE.

Just a few words in the way of an advertisement, that a hot dance is on

Continued on Page Two.

### MINERS MEET WASHINGTON.

On Wednesday of this week the Miners' wrestling team has its first meet with our time-honored rivals, Washington University. This meet, besides giving the Miners an opportunity to avenge their football defeat, will give the Miners' supporters a line on the strength of our wrestling team.

The wrestling squad has been preparing for this meet by consistent hard training. The squad has been handicapped lately as a result of three or four men getting infections in their arms and legs, due to mat burns. This situation has improved, however, and Fruit and Seifert are the only members who will be missing from the squad because of this ailment.

The squad has been strengthened considerably by the addition of Lee and Inman, who entered M. S. M. this semester. Lee is an Oklahoma boy, and has established himself as a strong tussler in the light-heavyweight division. Inman is a freshman wrestling in the middleweight class, who has shown up very promising in practice.

Captain Walker and Kirk Cammack are the only two veterans on the squad, and their ability in wrestling is well known to the students. It is in the new material that the Miners will have to show their strength. The Craig brothers are new men on the wrestling squad, and they are both promising candidates. Sammy Craig and Seifert have both shown considerable skill in the 145-pound class, but Seifert's infection in the arm has eliminated him for this meet. Crawford is also a new candidate, whose wrestling has earned him recognition.

The following men will form the Miners' team Wednesday night at Jackling Gym:

118 lbs.—Crawford.

125 lbs.—Walker.

135 lbs.—D. Craig.

145 lbs.—S. Craig.

158 lbs.—Inman.

165 lbs.—Lee.

Heavyweight—Cammack.

There will also be two exhibition



boxing bouts, Lessler and Jamison, middleweights, and Cook and Patterson, bantamweights, will furnish the boxing part of the program.

Let's go, Miners! Start the season with plenty of the old pep, and a victory over Washington U.

Continued from Page One.

the way.

The night is the one and only one which is directly and immediately preceding Washington's Birthday—the night of February 21st—the place, Jackling Gymnasium.

This is to be a hard-time, unsmooth-neck affair. There'll be fights and other kinds of amusements in between the struggles.

Tom Muench's exothermic, ether-disturbing, thermal reactors, will be on hand with plenty of over and under tones to disturb the tranquility of the dust particles which are prone to become lazy in their business of floating around in the air. The iron beams in the roof of the Gym, as well as the metallic parts of the piano—the strings, etc.,—will be enclosed in tanks of ammonium chloride to prevent their melting. Any way, we're counting on you to be present, and will tell you some more about it next week. Remember, benefit St. Pat's. Feb. 21st. Admission \$1.00.

## PROGRAM ROLLA'S THEATRE.

TUESDAY AND WEDNESDAY,

FEBRUARY 5th AND 6th

A UNIVERSAL JEWELL

Attraction Presented By

CARL LAEMMLE,

A LOIS WEBER PRODUCTION

A CHAPTER IN HER LIFE

THURSDAY, FEB. 7th

LOYAL LIVES

A SMASHING DRAMA OF  
THE POSTAL SERVICE

FRIDAY, FEB. 8th

JANE NOVAK IN THELMA

FIGHTING BLOOD

# 21<sup>st</sup>. Rexall Birthday

Big Bargains During This Sale

## SALE STARTS FEB. 1ST.

Twenty-one years ago, forty progressive retail druggists—inspired by Louis K. Liggett—enlisted together in the co-operative manufacture and distribution of drug store merchandise.

Today those original 40 Rexall Stores have increased to 10,000. Their co-operative organization, the United Drug Company, does an annual business of \$10,000,000 in the United States alone.

This remarkable achievement has come through the confidence and good-will of the public.

From February 1st to 16th inclusive, we with thousands of other Rexall Druggists, are celebrating the Twenty-first Birthday of this great public-serving enterprise.

During this big sale we are offering you unusual bargains of over seventy leading items—all of highest quality and absolutely guaranteed by us.

Come join our party and save money on well-known quality goods.

## SALE ENDS FEB. 16TH

Cascade Linen, 1 lb. Paper and 50 Envelopes,

Reg. Price for the two 75. Sale Price for the two 45c

COME IN AND LOOK THINGS OVER—MANY OTHER GOOD "BUYS"

# Faulkner's Drug Store

"IN BUSINESS FOR YOUR HEALTH"

## M. S. M. RADIO SHOW

### A BIG SUCCESS.

The success of the Radio Show given by Missouri School of Mines on Jan. 31st and Feb. 1st and 2nd was beyond the anticipation of the committee. The large display of the latest and most popular radio sets was made possible by the interest shown by the many radio owners, Spilman Hardware Co., and Smith Hardware Co., in loaning their sets for the

## A FEW OF MANY BARGAINS

\$1.00 Auto Strop Razors.....	49c
50c Bay Rum.....	39c
75c Harmony Lilac Vegetol.....	59c
50c Harmony Coconut Shampoo	33c
15c Rexall Toilet Soap, 2 for.....	16c
50c Bouquet Ramee Tale.....	39c
50c Klenzo Dental Creme.....	37c
35c Quality Tooth Brushes.....	19c
75c Witch Hazel.....	49c
50c '93" Hair Tonic.....	39c
50c Hair Fix.....	29c
50c Hair Rub.....	33c
75c Rubbing Alcohol.....	50c
39c Harmony Toilet Lotion	
For Chap.....	23c
50c Lord Baltimore Stationery..	39c
50c Lord Baltimore Portfolio.....	39c
<b>CANDY</b>	
60c Peppermint Pattens, 1 Pound	39c
75c Maxixe Cherries, 1 Pound....	49c
35c Liggett's Milk Chocolate	
One-Half Pound Bar.....	25c

show. The crowds that attended the show throughout the three days proved the popular interest which is taken in the development of radio. The Physics lecture room proved almost too small to accommodate the audience that attended each program. The average attendance ran near one hundred and fifty persons.

A special radio picture, obtained

Continued on Page Eleven.





ROGER BACON  
1214-1294

English philosopher and man of science. Studied at Oxford and the University of Paris. Wrote the *Opus Majus*, *Opus Minus*, *Opus Tertium*, and many other treatises.

## For this he was sent to prison

Roger Bacon may not have invented gunpowder, as has been claimed by some biographers of the famous Franciscan friar, but he exploded some of the outstanding errors of thirteenth century thought. Because of his advanced teachings, Bacon spent many years of his life in prison.

In an age of abstract speculation he boldly asserted the mathematical basis of all the sciences. But even mathematical calculation, he showed, must be verified by experiment, which discovers truths that speculation could never reach.

In the Research Laboratories of the General Electric Company, Bacon's principles are followed in every experimental investigation. The gas-filled electric lamp and the electron tube were worked out on paper, but it was experimental verification of the underlying mathematical theory that made electric illumination, radio broadcasting and X-rays what they are today.



More than a million dollars a year is devoted to research by the General Electric Company in order that the giant—electricity—may be made more and more useful to mankind.

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shes.....19c  
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Portfolio.....39c  
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picture, obtained  
Page Eleven.



SEE OUR WINDOW  
OF  
**TUXEDO SUITS**  
SHIRTS, COLLARS, TIES AND VEST  
*Harry S. Witt*  
A NEW LINE OF BOW TIES

NOMINEES FOR ROLLAMO  
BOARD OF TRUSTEES.

John W. Fleming and Karl Hassle-  
man have been nominated for Junior  
member of the Rollamo Board of

Trustees. The election will be held  
Friday afternoon, Feb. 8th, in Parker  
Hall.

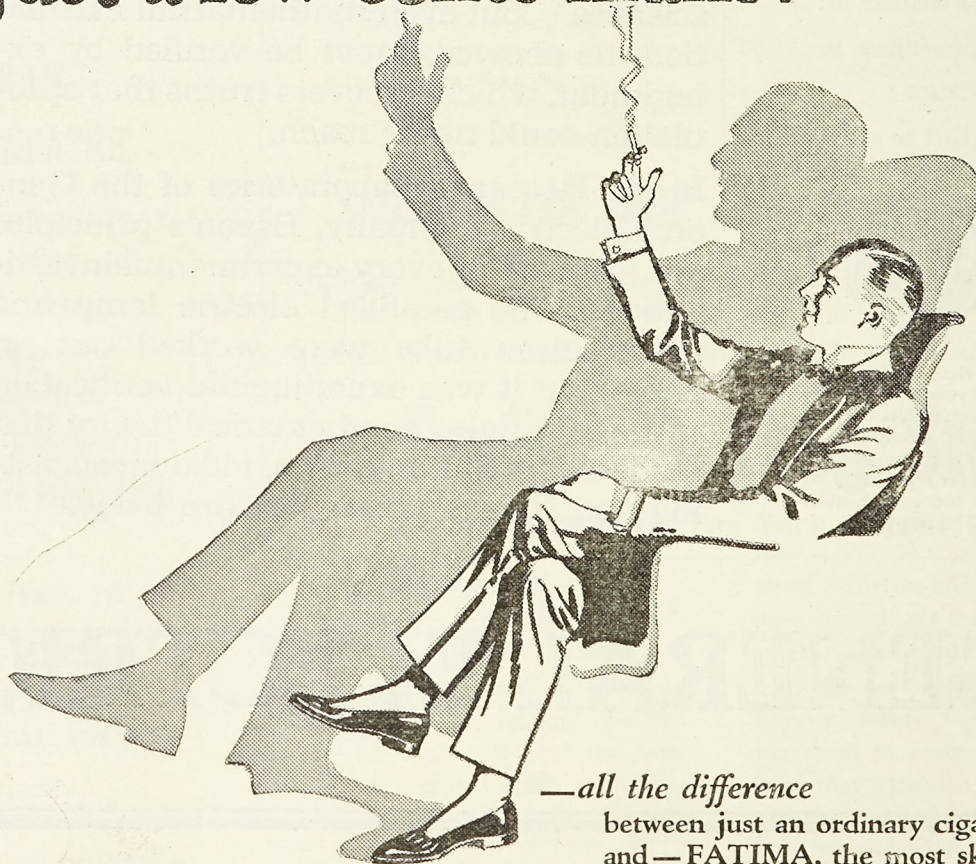
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BARBER SHOP

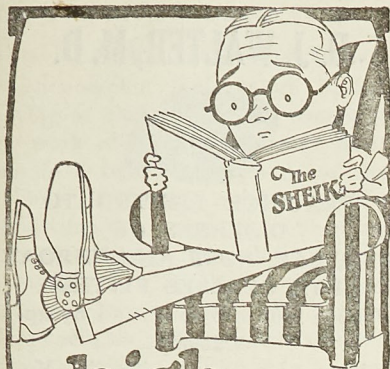
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MERCHANTS & FARMERS BANK

“What a whale of a difference  
just a few cents make!”



—all the difference  
between just an ordinary cigarette  
and — FATIMA, the most skillful  
blend in cigarette history.





**high brow?**

Not naturally—but it's getting higher. The first line of hair is in retreat. Bring up the "Vaseline" Hair Tonic!

And how do you think the collar advertisement men got that way? "Vaseline" Hair Tonic, of course. It will lay your rebellious curls in the same sleek and shiny manner. "Vaseline" Hair Tonic will improve the condition of your hair as well as its appearance.

At all drug stores and student barber shops.

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REG. U. S. PAT. OFF.  
**HAIR TONIC**

**Chesebrough Mfg. Co.**  
(consolidated)

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BUICK CARS?**

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**HARRY R. McCAW**

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in

**MEATS AND GROCERIES**

Call 71 And

"We Will Deliver The Goods"

**TRY-OUTS FOR ST. PAT'S  
PLAY PROBABLY SUNDAY.**

The try-outs for the St. Pat's play will be held next Sunday at 2:30 in the auditorium of Parker Hall, provided the parts arrive in time. "Sick Abed" has been selected as the play to be given. This play is a very good comedy, with eight good male and three female parts. A notice will be posted on the bulletin board when the parts arrive, and any one who cares to try for a part in the play is invited to get a copy of it from "Doc" Armsby and read it over. Parts in plays given by the M. S. M. Players are on a purely competitive basis. Any student, collegiate or vocational, as well as any young lady in Rolla is eligible to compete for a part. and in two plays is eligible for membership in the Players. A special invitation is extended to Freshmen and Sophomores to try out as new material is always needed. The definite date of the try-outs will be announced when the parts arrive.

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## 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.

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## STAFF.

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Len Williams ..... Assistant Editor  
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C. F. Luckfield ..... Asst. Circ. Mgr.

## Issued Every Monday.

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

## THAT FRESHMAN SMOKER!

It is regrettable, indeed, that the members of the present Freshman class have taken the attitude they have against that usual seductive affair known to the students as the Freshman Smoker.

It is but sheer courtesy on their part to repay the members of the Sophomore class for that which they were hosts to them immediately after their "Hell Week" last fall. Surely this alone is a breach of etiquette.

The present Freshman Class is no different from any other that has entered M. S. M. in the past. True, they have several athletes in their class, but why must they use this fact as a basis for argument? All Freshman classes are expected to produce athletes, and for this fact alone are they to be commended. Their spirit has been poor, and we have heard inklings and rumors to the effect that the annual Freshman Hop is to be relegated to the ash heap, so to speak, and in its stead have but one monstrous affair in which we may all participate. Allow us to disagree for a few moments, in the hopes that their haughty attitude may be suppressed by the facts

contained herein. It has been the privilege of the Freshman classes in the past to aid the faculty with their Commencement Ball by allowing them to use the decorations used at the Freshman Hop. The expenses are shared jointly, and both parties concerned benefitted from this co-operative spirit. Surely they won't be instrumental in the passing of this custom. We will pass no comments upon the smoker proposition, but for the sake of all concerned let's have something in the way of amusement from which a history may be recorded for the class of 1927 in the annals of the school. The Freshmen have done nothing along the social line this year, and it is sincerely hoped that they may see the light as some of their elders do, and rise to the occasion and vindicate themselves before the student body at some future date.

## H-A-S-H.

## Bring a Towel, Boy.

A man in a Pullman car was spanking two little kids when the woman in the next seat came forward and said, "Sir, if you don't stop beating those children I shall have you turned over to the police for cruelty. The man turned a sad, meek countenance in her direction and moaned, "Dear lady, please don't heap any more trouble on my poor head. Sit down, I'll tell you story. In the first place my wife is in the baggage car, a corpse. My daughter is in the rear Pullman, dying with appendicitis. I left my suit cases in the station; we are on the wrong train; this little devil here just threw my watch out the window, and this other little brat ate the tickets."

What is so rare as a day in June?  
Ozark corn. That goes down easy.

The best corn in the world doesn't go down half as easy as the fellow who drinks it.

Pat drove into the yard with the right front fender of his car badly smashed. "Why, Pat," asked a neighbor, "how come all the bent tin."

"Ish thish way, Mike, I wash driving 'long a country road, an' a cow backed into it."

"Drink to me only with thine eyes," she said after getting a whiff of his flask.

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## D. J. WALTER, M. D.



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you with the best of

## FRESH MEATS

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## WATCHMAKER &amp; JEWELER

ALL WORK PROMPTLY DONE

## IRA REMSEN MEETING.

Last Tuesday night Dr. Shaw gave a talk on some of the phases of white lead manufacture. He talked mainly about the work he has been doing for the past three years on the effect of different bacteria on the formation of white lead, as made by the Old Dutch process. He started his work on the assumption that there was some bacteria that influenced the formation of the white lead, but at the end of his investigation he found that no bacteria had any influence. With this point settled Dr. Shaw is continuing his work, using different forms of cellulose other than the usual tanbark, and also is investigating other phases of the problem which have developed since he originally started his work.

Those who did not get to hear him may read of his work in an article in one of the January issues of Chem. & Met.



## MINERS 27, ST. LOUIS U. 43.

Unable to perfect a defense to stop the phenomenal long range basket shooting of Egger, and the excellent floor work of Kopl, the Miners went down to defeat at the hands of the St. Louis University quintet for the second time this year, the score being 43 to 27. Except for a short time in the early part of the game when the two teams were tied with three points each, the Miners never seriously threatened the Billikens.

St. Louis started the scoring when Egger sank one of his mid-floor shots after the two teams had battled thru a scoreless five minutes. Murphy opened the scoring for the Miners when he caged a free throw. Egger followed this with a free throw for St. Louis, and Kemper tied the score when he caged two shots from the foul line. But from then on the Billikens drew away from the Miners, and were leading 21 to 8 at the end of the first half. The Miners succeeded in caging only one field goal during the first half, and that was the result of a pretty shot by McClelland.

The basket shooting of the Miners was away below par. Many of their shots fell short, and others would roll around the rim and then fall out.

Kemper started the scoring in the second half, when he caged a field goal. McClelland followed this with a free throw, but the Billikens nipped the rally in the bud, and stopped the scoring for awhile.

A belated rally by the Miners in the last minute of the game, when they scored three baskets, was one of the features in the second half. With one minute of play left Kemper tipped in a basket, with three men hanging on him. Immediately after this McClelland dribbled thru the whole team and sank a field goal, and followed this with another, but the rally came too late, and the final whistle blew before the Miners could do any more damage.

Besides scoring eleven points McClelland played an excellent game at running guard. His playing Saturday night stood out prominently as one of the features of the game.

Campbell seemed unable to locate the hoop. His floor work was good, but his shooting was away off color. Kemper played his usual game at center. The big fellow seemed unable to locate the hoop in the first half, but in the second half he found it for five points.

Egger and Kopl were the mainstays of the Billikens, contributing twenty-seven of the forty-three

points which their team secured.

Line up:

Miners.	St. Louis U.
Campbell (2).....f.....	(14) Egger
Murphy (3).....f.....	(7) W. Bradburn
Kemper (8).....c.....	(13) Kopl
McClelland (8).....g.....	Stanton
Arra.....g.....	O'Toole
Thomas (3).....f.....	(6) V. Bradburn
	f.....(2) Sanders

Score at end of first half: St. Louis U., 21; Miners, 8; referee, Reber; scorer, Gorman.

## YOU ARE AN ALUMNUS.

*	*	*	*	*	*
Do you know about	*	*	*	*	*
The three propositions which	*	*	*	*	*
The Alumni Association	*	*	*	*	*
Wishes to undertake?	*	*	*	*	*
Are you in favor of	*	*	*	*	*
The purchase of the	*	*	*	*	*
Old Sigma Nu house	*	*	*	*	*
As an Alumni Club?	*	*	*	*	*
Or do you prefer that	*	*	*	*	*
The Alumni Association shall	*	*	*	*	*
Put a new surface on	*	*	*	*	*
The football gridiron?	*	*	*	*	*
Or perhaps you are in	*	*	*	*	*
Favor of using all the	*	*	*	*	*
Alumni money for a	*	*	*	*	*
Student loan and	*	*	*	*	*
Scholarship fund?	*	*	*	*	*
Have you sent in your	*	*	*	*	*
Opinion to the Secretary	*	*	*	*	*
Of the Alumni Association	*	*	*	*	*
Join our Alumni Association!	*	*	*	*	*

## TAU BETA PI PLEDGES.

At mass meeting Friday morning the following men were pledged to Tau Beta Pi: J. L. Pasley, G. R. Scott, J. W. Fleming, R. D. Ward, W. F. Hauck, G. C. Cunningham.

The scholarship cup was again awarded to the Grubstaker Club for having the highest scholastic rank last semester.

Patronize our Advertisers.

## KAPPA SIGMA DANCE.

The Kappa Sigma fraternity entertained with a "hard times" dance last Friday night, and a delightful time was enjoyed by all. It was conceded to be the best and most lively dance of the year. Music was furnished by Muench's Sovereigns of Synepation.

## PIPE AND BOWL CLUB DANCE.

The Pipe and Bowl Club gave a dance at the Baltimore Hotel last Saturday night. About thirty couples were present, and all enjoyed a good time. Muench's orchestra furnished the regular old-time harmony.

## MINERS VS. SPRINGFIELD TEACHERS.

In all probability the Miners' next game will be with the Springfield Teachers Feb. 9, at Springfield. The Bears always have a formidable quintet, and are sure to give the Miners a real tussle. With four regulars back, and a splendid array of candidates, they are out to duplicate their last year's victory over the Miners.

The Miners, however, have seemed to regain their old fight, and are confident of giving the Bears a real fight.

## BEG YOUR PARDON.

Due to a recent change in schedule the game with Missouri Wesleyan, which was originally scheduled for Feb. 7, has been changed to some time in March. The article concerning this game, which appears elsewhere in this issue, was on the press before we were notified of the change and consequently we were unable to withdraw it.

Two weeks ago the Miner carried the statement that Lee and Lemon were pledged to the Prospector's Club. We wish to correct this statement. We were wrong. They are members of the Independents.

## ALUMNI NEWS.

There were several old Miners present at the Armory Saturday night to see the Miners in action against St. Louis University. The Miners of former days discussed old times together, and inquired of us of the present generation things relative to the present time. "Remember me regards to Prof. Dean," were of the re-to the old gang," and "give my repeated phrases.

Among those present were "Bill" Gatts, "Waddy" Watkins, "Al" Boyle, "Buddy" McBride, "Red" Sanders, Lawrence Thompy and "Jack" Nolen.



## DO YOU GET YOUR MINER?

## A Query From the Circulation Dept.

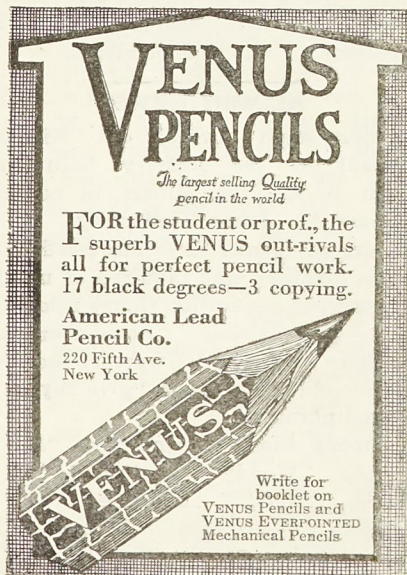
We have been receiving innumerable letters of late from our subscribers, stating that they are not getting the Miner regularly, or not at all.

This trouble seems to be due to one of two things. Men often move from one place to another, and do not send their new address to us, but leave the new address at the last place of residence, and expect the papers to be forwarded. The Miners which are entered at the post office as second class mail are not forwarded. Here we might say that from now on the Miners will be handled as first class mail, and no non-delivery should be encountered. The other source of trouble lies within the postal department. For example, Prof. Dean gets letters returned to him when the men are really in the towns to which the letters are sent.

The circulation department now has an addressograph, and the Miners are plainly addressed. We also have a stamped notice on the wrapper that guarantees return postage. When the Miners are not returned, and you do not receive them, then where do they go? We can do nothing unless the paper is returned.

In the future, men, let us have your new address when you change residences. Your residence or box number is preferred, for sometimes the papers are probably misplaced in the various business places.

We want every subscriber to get his Miner. If he doesn't get it, we want to know it. We promise to do everything possible, so that you will get the college publication every week.



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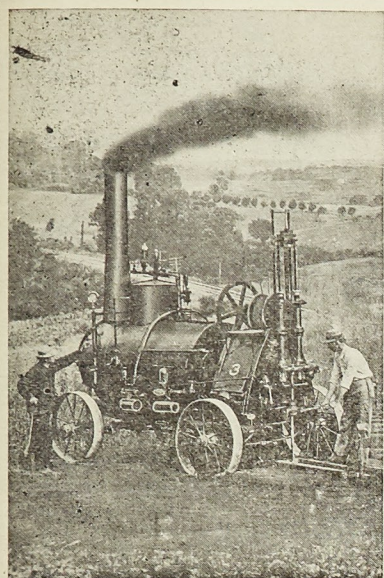
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For information address

**THE REGISTRAR, Rolla, Mo.**



Continued from Page Two.

through courtesies of Spilman Hardware Co., from the Radio Corporation of America, was shown at the college auditorium at 4:30 P. M. on Thursday and Friday and 1:30 P. M. Saturday.

Each feature of each day's program held the keen interest of the audience. The program was so arranged that one could attend that particular part of the program in which he was interested. A program of broadcast music was given each evening between 7 and 8 o'clock for the Grades and High School students.

The show was opened at 8 P. M. Thursday by an address from Dr. Fulton on the merits of a radio show. F. F. Clayton followed with a lecture and demonstration of the Attwater Kent apparatus. The main feature of Thursday's program was a lecture by Mr. Herlily, brought to us through the courtesy of Spilman Hardware Co. Mr. Herlily gave a review of the history and development of radio, also answered the many questions asked him on the popular mysteries of radio at the present time.

Mr. Worley followed on the program with a demonstration of the "Wonder" Erla Apparatus.

The Friday evening program was exceedingly interesting. Father Stocking lectured and demonstrated the mysteries of radio broadcasting. The demonstration was novel, in the respect that a small 10-watt transmitter was used to transmit the voice from an outside broadcasting aerial. A receiving set was tuned into this, and the voice brought back into the room and made audible to the audience by a loud speaker. Dr. Woodman lectured on and demonstrated the Hertzian Wave and Wave Transmission, the fundamental principle on which radio transmission is based. Dr. Monroe lectured and demonstrated the principles of the Vacuum Tube, the instrument which has made radio the commercial success which it is today. Also has made it possible for us to sit in our homes and hear from coast to coast.

Starting at 2 P. M. Saturday a special demonstration was given for the farmers of Phelps County. A special musical program by the Missouri State Penitentiary orchestra, broadcasted by Missouri State Marketing Bureau, Station WOS, Jefferson City, Mo., and dedicated to the M. S. M. Radio Show. This program was broadcasted from 3 to 4 P. M., featuring the famous pianist, Harry Snodgrass, the king of ivories.



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Today, explosives power is employed both in the heaviest and in the most delicate operations. The scientific control of this resistless energy has enabled explosives engineers to utilize it in ways undreamed of a generation ago.

Recently at the Frazier Quarries of the Chesapeake & Ohio Railroad in West Virginia, 60,000 pounds of du Pont dynamite were exploded at one time to bring down *five hundred million pounds* of stone for ballast. Literally a whole hillside was blasted out.

But in a power house in Baltimore, du Pont explosives were used to perform a different and delicate operation. This work involved blasting out five concrete bases in the basement of the building without damage to a switchboard that governed the distribution of power over a large section of the city. While blasting was in progress a glass of water and some wire nails placed on their heads in an upright position near the blasts were not disturbed by the explosions.

So, in dynamite, we have a servant that will do our bidding in little things as well as big—a power that can be made to perform our work easier, better and cheaper in all industries.

The du Pont Company has been making explosives since 1802. With the development in explosives manufacture have come many improvements to expand the use of the product. And it has been the privilege of du Pont, through exhaustive research and experiment, to lead the way.

**E. I. DU PONT DE NEMOURS & CO., Inc.**  
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Each number was announced and dedicated to M. S. M. Radio Show.

The Saturday evening program was a summary of radio development up to the most modern and efficient sets. Dr. Turner's lecture on Radio Amplification and Three-Circuit Tuner, summed up the possible performances of a radio set, and the perfection that the different circuits have reached. Prof. Müller followed with a lecture and demonstration on the most perfect and popular circuit yet developed, the Super Heterodyne circuit. Messrs. Worley and McBrien concluded the show with a lecture on

the three-circuit Erla Hook Up.

### MINERS VS. MO. WESLEYAN.

The next appearance of the Miners will be in Jackling Gym Thursday night, Feb. 7, with Mo. Wesleyan as their opponents. Little is known as to the comparative strength of the Wesleyans, but judging from past years they are sure to have a strong quintet.

The Miners are confident of coming out of the slump into which they have fallen, and are out to give the Missouri Wesleyans a drubbing.



**LISTEN, MEN!  
OUR SPECIAL FEBRUARY SALE**

Enables you, this month, to buy a lot of nationally advertised items you use every day at a big reduction—Some at nearly half price.

Sale now on—Get in on this and save some money.

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