



25 Sep 1922

## The Missouri Miner, September 25, 1922

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### Recommended Citation

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# THE MISSOURI MINER.

Missouri School of Mines and Metallurgy, Rolla, Missouri.

Volume 9, No. 4.

September 25, 1922.

Price, 8 Cents.

## M. S. M. BOOSTER'S CLUB FORMED.

### MINING AND MET. ASSOCIATION.

Prof. Forbes, who is vice-president of the Missouri Mining and Metallurgical Association, met a few of the Juniors and Seniors in Parker Hall at the Mass Meeting hour last Friday and discussed the plans of the organization for the coming year. Prof. Forbes appointed Walsh, Schmidt and Wilkerson to assist Valentine, who is treasurer, in collecting one dollar from the men who wish to become members of the Association this year. Only Juniors and Seniors are eligible for membership.

Last year this was one of the liveliest organizations on the campus, and bids fair of making even a better record during the coming year. If you care to affiliate with this worthwhile organization see any of the above mentioned men, and make arrangements to join, so as to be able to participate in the election of officers, which will take place next week.

### SPECIAL TRAIN TO ST. LOUIS.

With all due respect to the efficiency of the Miner "Bums," we wish to say that "bumming" on the Frisco to the Washington U. game will be exceedingly difficult. In fact, this will be the hardest time of all, with railroad conditions as they are now. And why should we bum, when the Frisco is willing to arbitrate?

Coach "Spike" Dennie has written to Frisco officials in regard to a special train, and in reply Dennie was asked to suggest a rate which would insure the passage of from 300 to 500 persons.

Several suggestions are offered, as: A special train from here to St. Louis and return on other trains excepting No. 5, or, start the Cuba Accommodation train from here with extra coaches. Leave here about six A. M. Saturday and run to Cuba, after which the usual schedule would be followed. Rate tickets on this train would also be good on No. 8. Return on No. 7. Possibility of an extension of time for the return on Sunday on either No. 11 or No. 7. The suggestions as to rate are either a two-cent a mile rate in each direction, or a \$4.00 round trip

### DO YOU KNOW ANYTHING ABOUT RADIO?

We have at M. S. M. a powerful radio outfit, which is capable of receiving broadcasts from all over the country, but at the present the set is idle most of the time. At the times when special and regular news bulletins are broadcasted there is no one on the job to receive them.

It has been suggested by Dr. Woodman that if enough enthusiasts can be recruited for the purpose of operating the set at the times when this news is being sent out, and each assigned a certain period during which he is to act as operator, much first-hand news could be obtained along the lines of market reports, baseball reports, weather reports and other important news of a general nature. This news could be posted on the bulletin boards of the school, and would be of much interest to all of us.

If you know anything about the operation of a radio set, leave your name and the hours which you wish to work with either Dr. Woodman or Prof. Frame in the Physics Department, who, if there are enough men interested, will arrange a schedule so that every one will have a chance to receive.

rate.

To insure a special train the actual number of those to make the trip must be known. Each person who expects to go will be required to sign up and guarantee his fare.

If the special train is obtained, and students attempt to bum, it will ruin our chances to obtain future rates. We should play fair with the Frisco since they are willing to accommodate us.

This is the chance we have been waiting for. Let's take advantage of it, and insure a 100 per cent booster organization at the Washington U. game.

We can't afford to lose this opportunity, so let's act now. Watch the bulletin boards for news of a Mass Meeting, and lists to sign. Townspeople are invited to join the movement.

### A BIGGER AND BETTER M. S. M.

During the life of every school there comes a time when the personnel of that school must unite unanimously in agreeing that they are attending, or have attended, the best school of its kind in the universe, and that something in the form of a permanent association must be agreed upon to further the interests of that school, to link its past policies with its present, its present policies with its future; and lastly, it's alumni with its current attendance.

Unless every student body does agree on such an association and on some way of making the association function satisfactorily, the school spirit dies, or at any rate deteriorates, attendance diminishes, and the normalcy of the school becomes chaotic.

With this one idea in mind, a group of Miners consisting of one representative from each of the recognized social organizations in the school met in session on Saturday, September 9, and, with D. F. Updike presiding, formulated a group of plans for each man to present to his respective organization to ascertain if his organization favored such an association in the School of Mines. With but little time elapsing the second meeting was called, reports were made, officers were elected, and a committee was appointed to draft a constitution. Reports were, in most cases favorable; those which were unfavorable being, in every case, the result of a misunderstanding of the functioning of the association plans, which had been formulated and presented.

The officers elected were:

D. F. Updike, President.

M. H. Thornberry, Secretary and Treasurer.

The committee appointed to draft the constitution consisted of V. L. Whitworth, chairman, N. M. Ham, and D. F. Walsh.

These men immediately met, drafted a constitution, and reported to the assembly at large on Saturday, Sept. 16th. The constitution was adopted

Continued on Page Two.



**DANCE.**

On Friday night the Jackling Gymnasium will be the center of attraction in the eyes of the fair damsels of Rolla, the Miners, and other lovers of the Terpsichorean art. The occasion will be the first Athletic Association dance of the year, and Watkins and Frame, who have charge of affairs, are preparing for a large crowd to wend their way towards the Gym on this eventful night, and thus celebrate the gala occasion.

Last year the Athletic Association gave quite a few dances, and although the financial reimbursements they received as a reward for their labors, were very small, it helped contribute to the ever-needy larder of this Association. Therefore, remember, Miners, when you go to an Athletic Association dance you are not only helping a good cause, but are getting value received by enjoying yourself at these affairs.

The Varsity Orchestra has promised to fill the building with varied sounds and syncopations, so get a date, bring a dollar with you, for admission, and help make this a red hot dance.

**Continued from Page One.**

and further committees appointed, committees which will be discussed later in this article.

All information relative to the organization has been withheld to the present time pending this issue of the Missouri Miner, and now this same group of men are ready to announce to the world at large that The Missouri School of Mines has an association to be known as  
**THE MISSOURI SCHOOL OF MINES BOOSTERS CLUB.**

**Purpose.**

To promote athletics, primarily, and to stimulate all organizations and factions on the school campus. And here let it be said that it is not a move toward paid athletics, far be it from that, but a move towards helping worthy athletics who desire to stay in school, and who care to take up some form of major athletics. This will be done through a system of long term non-interest bearing notes. The M. S. M. Boosters Club has the approval and support of the Director, Dr. Fulton, he being the first active member.

**Organization.**

Under the organization of the M. S. M. Boosters Club there are three permanent committees, viz:

The Ways and Means Committee.  
The Finance Committee.  
The Publicity Committee.

The Ways and Means Committee serve to establish ways and means for providing future funds for the organization, the Finance Committee handles all business relative to funds, and the Publicity Committee, in several ways the most important of the three committees, serves to see that the Missouri School of Mines gets the proper publicity through the various advertising mediums of the day.

The Ways and Means Committee consists of the following men: K. A. Schmidt, chairman; E. M. Guy, P. C. Hatmaker.

The Finance Committee consists of the following men: N. M. Ham, chairman; H. C. Buser, D. Kimball.

The Publicity Committee consists of the following men: Charles C. Tevis, chairman; George Dierking, V. L. Whitworth.

The governing body of the Association, that is, of the Missouri School of Mines Boosters Club, is the Executive Committee. This committee is composed of the original membership, or in other words of the one representative from each of the participating organizations. All committees are appointed by the President and from the Executive Committee. All committees and officers of the Club are directly responsible to the Executive Committee, and here let it be stated that from time to time the Treasurer has been informed, through the Constitution, to make reports concerning finances.

**Membership.**

The M. S. M. Boosters Club encourages three kinds of membership, viz:

Organization membership.

Active membership.

Associate Membership.

Through organization membership any organization in the School of Mines may enter.

Through Active Membership any person or persons connected in any way with the School of Mines become members. This form of membership also includes all Alumni.

Associate Membership consists of any person or persons not directly connected with the school.

Eligibility for membership will be discussed in another article in this issue.

**AN APPEAL.**

An earnest appeal is made to every man who is in any way connected with the School of Mines to join the Booster's Club, contribute his portion, and help make the School what it should be. There is no doubt in any one's mind that the School of Mines has not had had the proper publicity in the

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Fellows, insure the return of those Keys when lost, by carrying them in a Securitee Key Case, each case bearing a registered number, which we have, and there is a transparent pocket for your name and address also.

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press heretofore, and in many instances, such as St. Patrick's festivities important football and basketball games, the school should have the publicity it justly deserves.

To the Alumni we would like to say that the Booster's Club is an actual organization, already functioning, and putting itself in position to function a great deal better than at present. It provides for the Alumni to help, either as individuals or in groups and, in a manner, links them closer to the school than any organization heretofore has done. We would like to see every Alumni a member.

**REPORTS OF COMMITTEES.****Publicity Committee.**

A college could exist that depends entirely upon customs and school traditions to govern its present day needs; but that college could not be classed as one of the best of its kind in the country, if something of a more recent origin did not exist to boost the school, and make it a place any one would be proud to attend. It is not the aim of the M. S. M. Booster's Club to destroy any old traditions or customs. Instead, all of its work is being expended with the hope of remodeling the old channels and opening new ones through which the school can function to the best advantage.

Without doubt a good football team is the best advertising a school could have, and the Publicity Committee has taken several steps to carry out an extensive advertising campaign thru the team. The Pathe News Company has been consulted, and it is practically certain we will have them lined up so motion pictures can be taken of all our home games. It will mean a good deal to the school to have their representative football team shown in 90 per cent of the theatres in the United States.

Did you ever stop to think what it means to a man to make the Varsity Orchestra, the M. S. M. Glee Club, or the M. S. M. Players. It means a lot of hard work, few leisure hours, and no credit return for the time spent. That is a condition that should not exist, and one that will not exist if the Booster Club is a success. Steps have been taken to outline a trip for each organization, and in this move Dr. Armsby has volunteered the privilege of working through his office. A trip for the M. S. M. Players could have been worked out last year if some organization had offered to support the move, but since there was no organization to take care of such things, the trip was not made. If a few such

trips are made each year by a representative body of M. S. M. students, it would not only create interest in the school, but would bring recognition by every newspaper in this part of the country.

A sign will be erected near the Frisco station which will remind every traveler that Rolla, Mo., is the home of The Missouri School of Mines. The city has offered their aid in this move, and the expense of the structure will be handled by the city.

Many other plans are being worked out by this committee, but every one will fail if the committee does not receive the support of the Student Body, Alumni, and the Citizens of Rolla. It is a very simple matter to find a flaw in another man's work, or to present destructive criticism, but that isn't boosting.

Make the Alumni proud of their school, and they will be proud of the students that compose the school. Get behind every move and PUSH, not just because it is customary, but because you have the interest of M. S. M. at heart. It is true in football—it takes the second team to make the first team. It is also true that it takes the Student Body to make the team. Whether a player or not, every man has his share of work to do; and if you can't play, you can certainly boost. Be a Booster.

We hereby take this opportunity to invite all who are in any way connected with the school to become an active member. The fee is only \$1.00 a month, but with this we want your active support and your extra push to help put the Boosters in the lists of "Going Organizations." Drop in and see "Thorny."

**Finance Committee.**

The Finance Committee of the M. S. M. Booster's Club takes this opportunity to explain how the long-time, non-interest bearing notes will be handled. It is the duty of this committee to receive all applications for loans and, after a proper investigation and recommendation by the Executive Committee, to give the matter their immediate attention.

Any man participating in a major form of athletics, who is passing two-thirds of his monthly work, and whose monthly income from all sources does not exceed fifty dollars (\$50.00), is entitled to make application for a loan. This application shall be a written request, accompanied by the prescribed blank form of application. Requests and applications shall be

Continued on Page Five.



### 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.

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

#### STAFF. Editorial.

M. L. Frey.....Editor  
A. B. Wilkerson.....Associate Editor  
C. F. Schaefer, Jr.....Assistant Editor  
F. C. Schneeberger.....Assistant Editor  
E. S. Wheeler.....Contributing Editor  
H. F. Valentine.....Vocate Editor

#### Business Management.

G. A. Zeller.....Business Manager  
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K. A. Ellison.....Circulation Manager

#### Issued Every Monday.

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

This issue of the Miner is devoted to the M. S. M. Booster's Club. The article setting forth the aims and policies of the organization needs little addition or comment. The organization is founded upon fair and square principles, and is in charge of men whose integrity is unquestionable. The M. S. M. Booster's Club deserves to prosper, because it has for its aim what its name implies—the boosting of M. S. M. in any and every way possible. Besides helping athletics by making it possible for good students and good athletics to come to school when they, alone, could not, is only one of the fields of activity. The idea of sending out the M. S. M. Players and the Varsity Orchestra on road trips is a worthy one. These organizations can do much toward putting M. S. M. on the map if they are but given a chance. The Booster's Club proposes to give these organizations such a chance.

Such an organization, working toward such ends, is deserving of the support of every one who has any interest in M. S. M. Thru the help of the Booster's Club this copy of the Miner is being sent to a large number of old Miners. It is hoped that they will see fit to join and help boost.

#### A DUTY.

It is the duty of the student body to do their part to see that visitors, and

especially prominent ones, to M. S. M. get the impression of the school that it deserves. It frequently happens that some prominent man comes here to address the student body, and has the unwarranted pleasure of talking to about fifty students scattered thru the auditorium. Under such conditions a man cannot get a good impression of the school.

Last year Mr. T. A. Rickard, a well known mining engineer, and then editor of Mining and Scientific Press, lectured here. His audience numbered about fifty men. During the winter the Methodist Engineers brot prominent speakers here, and only too often these men had only a handful for an audience. Such conduct does not show a proper appreciation of the ability of these men,—men of the calibre of Dr. Biting of St. Louis, and Dean Clark of the University of Illinois. These men have a worthwhile message for us, let's get out and hear it. It matters not under whose auspices they come, for those men are bigger than the organization that brings them.

One of the great faults of engineers is that they become so absorbed in their work that they lose interest in the other things around them. But engineers are growing in importance every day, and the time will soon come when they can no longer do that. Recently Recently M. I. T. was criticised by the E. & M. J.—Press for paying so little attention to ethical subjects. A chance is given to the embryo engineers here to better themselves in that way, so the next time a man of recognized merit and ability comes here to speak, let's have everybody out to hear him. In the first place, it is courtesy; larger than that, it gives the man a better impression of M. S. M. and benefits us.

#### A WORD OF EXPLANATION.

No doubt many of the subscribers to the Miner have been wondering why there has been no news printed concerning our football team. The facts of the matter are that the Athletic Department has requested that no news be run and no comments be made. That is an entirely new policy in the matter, but the Miner feels that it can best serve the interests of the team by complying with the requests of the men in charge. The Miner stands ready to boost football in any way that it can and, tho it would be good, from a newspaper standpoint, to print all the available "dope;" still, Athletic Director Dennie and Coach McCullom feel that it would be best to withhold any prophecies until there is definite grounds for such, and the

Miner is glad to comply with their wishes. When there is material for publication the Miner will print it, and be glad of the chance.

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## FOOTBALL PROSPECTS.

They look like a million dollars.

### —Boots.

The first call has been issued for men for the wrestling squad. It is true that the season is quite a ways off, but in order to go into strenuous training at the beginning of the season it is necessary that some preliminary gym work be done in order for the men to get into condition. Any one interested can see Coach F. E. Dennie for further instruction.

If present plans are completed several very good outside matches will be held.

The matter of reward for service in wrestling and boxing is now under discussion by the Athletic Department, and it is their aim to give a decision on this matter within the coming month.

### POND LEADS IN GOLF TOURNEY.

Not content with having won Low Medalist honors, W. F. Pond assured himself of another prize by defeating "Boots" Clayton in the second round, by winning the last two holes for a 2 up victory, and going into the semi-finals. In the first round he had things easy and defeated F. B. Foley 6 and 4. His scores have all been in the low nineties, and from all appearances it looks as though he has things "sewed up."

The other matches, with the exception of the Clayton-Moore and the Armsby-Donahoe matches, seem to have been walk-aways. Professor Armsby's feat was probably the most spectacular match of the tournament. Finding himself down two with only three holes left to play, he braced up and took the next three holes in succession for a one up victory.

#### RESULTS OF THE SECOND ROUND.

Pond defeated Clayton, 2 up.

#### RESULTS OF THE FIRST ROUND.

Pond defeated Foley, 6 and 4.

Clayton defeated Moore, 1 up.

Parker defeated Matlack, 5 and 4.

Armsby defeated Donahoe, 1 up.

Dennie defeated Campbell, 6 and 5.

Cameron defeated Ranney, 5 and 4.

Monroe defeated Harris, 6 and 4.

Thomy defeated Southgate, 3 and 2.

#### CLASS A.

Sevier defeated Brown, 3 and 2.

Keeling defeated Miller, 3 and 1.

Medding drew a bye.

Kennedy defeated Cooke, 2 up.

Rountree defeated Kilgore, 3 and 2.

Kershner drew a bye.

Muench defeated Dunlap, 3 and 1.

Nasel defeated Powers, 3 and 2.

Some dispute arose in the Monroe-Harris match as to the penalty for a ball out of bounds, and the method of playing the same. Rule 23 reads as follows:

If a player's ball lie out of bounds, he shall play his NEXT shot as near as possible to where he last hit the ball adding a penalty of one stroke.

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made to the Executive Committee of the M. S. M. Booster's Club. The same will then be turned over to the Finance Committee, and if the result of its investigation is favorable, it will be returned to the Executive Committee. The result here is final.

Application blanks may be obtained from Prof. M. H. Thornberry, secretary-treasurer of the M. S. M. Booster's Club.

#### Ways and Means Committee.

The purpose of this committee is to see that there is always sufficient money on hand to take care of all of the various activities of the Boosters, and provide ways and means for raising the same.

This committee has been very successful so far, inasmuch as there is over two thousand dollars (\$2,000) per year pledged at present. The major part of this comes from school organizations, business men, and the Alumni.

#### Honor Roll.

Bonanza, Grubstakers, Independents, Kappa Alpha, Kappa Sigma, L'Abri Club, Vocates, Lambda Chi Alpha, Pi Kappa Alpha, Sigma Nu, Miner's M Club.

These organizations to give \$10 per month the school year.

#### List of Rolla Business Men.

National Bank of Rolla.....	\$50.00
Rolla State Bank.....	50.00
Harvey & Smith.....	50.00
R. E. Heller.....	50.00
Edwin Long.....	50.00
Faulkner's Drug Store.....	50.00
Rolla Wholesale Groery.....	50.00
Merchants & Farmers Bank.....	50.00
J. A. Spliman.....	45.00
Rolla Theatre.....	45.00
H. S. Witt.....	45.00
Geo. Cragle.....	45.00
R. M. Strobach.....	45.00
Ary & Smith.....	35.00
H. R. McCaw.....	35.00
Line's Garage.....	30.00
Schuman's Store.....	30.00
Empire Meat Market.....	25.00
S. M. Smith.....	25.00
Jno. W. Scott.....	25.00
Dr. W. S. Smith.....	25.00
Model Grocery.....	20.00
Dennie's Restaurant.....	20.00
Asher Bros.....	20.00

R. J. Fox.....	20.00
Charles L. Woods.....	15.00
F. B. Powell.....	15.00
Lee Martin.....	15.00
J. H. Smith.....	10.00
E. K. Schuman.....	10.00
John Schuman.....	10.00
P. H. McGregor.....	10.00
J. M. Ellis.....	10.00
S. L. Nichols.....	10.00
E. J. Campbell.....	10.00
Dan Donahoe.....	10.00
M. O. Martin.....	10.00
D. L. Stuart.....	10.00
F. E. Taylor.....	10.00
Rex Faulkner.....	10.00
A. B. Holmes.....	10.00
"Moke" Dunham.....	10.00
Claude Dunham.....	10.00
E. E. Sease.....	10.00
Frank Mitchell.....	10.00
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Edw. Sands.....	10.00
A. L. Capps.....	10.00
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E. W. Walker.....	10.00
Geo. Strobach.....	10.00
Dr. Durant.....	10.00
E. D. Williams.....	10.00
S. N. Lorts.....	10.00
Homer Kerr.....	10.00

One dollar for ten months will put your name on this honor roll, and enable you to do a real service for M. S. M.

Several heads can always formulate more ideas, and put in motion more plans than one; so the Ways and Means Committee will always stand ready to receive suggestions for the betterment of the Boosters. This means everybody, not students only.

According to the constitution every alumnus automatically becomes a member of the M. S. M. Booster's Club, but this can make them members in name only, and what's in a name? No one can do more for their school than its alumni, and we want every alumni member possible to take a real and active interest in this, and help boost. The St. Louis Alumni are setting a good example by making arrangements for a big banquet, to be held just before the Washington University game. We want as many subscriptions from the alumni as possible, but not only money donations are wanted, but also a boost from every M. S. M. Alumnus. Come to the football games this fall, help root for the team, and live your college career over again in the form of the fellows that are fighting for the school now, as you once did. You can surely remember how much a slap on the back and some real encouragement meant when you played. Well, it still does. Let's all climb on—Boost. Put M. S. M. on the map in big letters.



## ALUMNI NEWS

## KNUD F. HANSEN DEAD.

Knud F. Hansen died on June 26, at Tampico, Mexico, while carrying on geological work in the southern oil fields.

Mr. Hansen was born in Denmark in 1892. He received the degree of B. S. in Philosophy at the University of Copenhagen, and later studied at the Missouri School of Mines, Rolla, Mo. After leaving college he was employed at Minas Dolores, Matehuala, S. L. P., Mexico, until March, 1920, when he became a member of the geological department of Cia. Mexicana de Petroleo "El Aquila," S. A.

He was keenly interested in his work, and showed increasing ability to carry on independent geological research.—Mining and Metallurgy, Sept. 1922.

Hansen entered M. S. M. in 1916, and received the degree of Bachelor of Science in Metallurgy in 1918, and the degree of Metallurgical Engineer

in 1919. While at school Hansen was a member of the Bonanza Club. He was also a member of Tau Beta Pi, the A. I. M. E., the Missouri Mining Association, and the Met. and Chem. Society.

His many friends among the alumni, faculty and student body regret to hear of his death.

## POSITIONS AVAILABLE.

The National Refining Co., of Coffeyville, Kansas, desires the services of a chemical engineer. Address any communications to H. B. Seltzer, Superintendent.

A mining engineer competent to take charge of the development of a large zinc property, and bring it to a productive basis, is required by Mr. C. N. Anderson, 3508 Spruce Ave., Kansas City, Mo. Straight salary basis.

H. H. Stoeck, Professor of Mining Engineering at the University of Illi-

nois, Urbana, requires some one to take charge of the coal washing and ore dressing laboratory. He would like the applicant to be one also familiar with mine ventilation problems.

## ALUMNI.

'21 Robert K. Stroup is an engineer for the Utah Fuel Co., at Clear Creek, Utah.

'20 Walter F. Lottman is connected with the Southern Wheel Company, 601 G, Spring Ave., St. Louis.

New members of the Alumni Association are: J. S. Irwin, B. S. '12, E. M. '22, Box 1739, Casper, Wyoming, who is petroleum geologist for the Producers and Refiners Corporation, and J. W. Pugh, 1325 East 64th St., Chicago, who is with the Eagle-Picher Lead Company. This brings the total membership to 235. The goal is 1000. Join today, and get one of your classmates to do likewise.

'22 Miss Jennie Lenox has departed for Bowie, Arizona, where she is to teach school.

'16 Edward Sailer was in Rolla a few days this week. He is city engineer of Cape Girardeau, Mo.

E. G. Tompkins is with the Mine and Smelter Supply Co., 42 Broadway, New York City.

'20 Kenneth Aid is chief chemist for the Venezuelan Sun Oil Co., Ltd., with headquarters at Maracaibo, Venezuela.



## THOROUGHbred

## JEWELRY

IS THE ONLY KIND FOR A

GIFT

A. L. CAPPS

Jeweler and Optometrist

MARTIN'S  
BARBER SHOP

BATH  
SHINE

YOU GET  
THE BEST MEALS  
AND  
QUICKEST SERVICE  
WHEN YOU EAT  
AT THE  
STUDENTS CAFE

## PIRTLE THE JEWELER

EXPERT WATCH REPAIRING  
PROMPTLY DONE  
SATISFACTION GUARANTEED

BAUMGARDNER'S  
FILM ROLLS  
DEVELOPING & FINISHING  
EAST SIDE PINE STREET  
NEXT TO NATIONAL BANK

## STUDENT ACCOUNTS

ARE APPRECIATED AT THE  
MERCHANTS & FARMERS  
BANK

ROLLA, MISSOURI

## SWEATERS

SPORT COAT STYLE  
With Four Pockets,  
Extra Heavy All Wool  
SPECIAL AT \$6.00

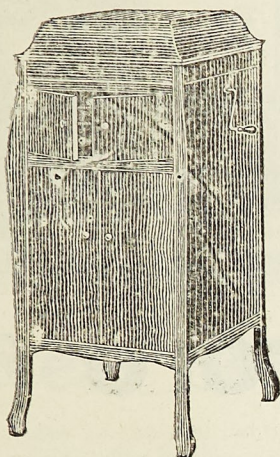
## SCHUMANS

Rolla's Biggest and Best Store

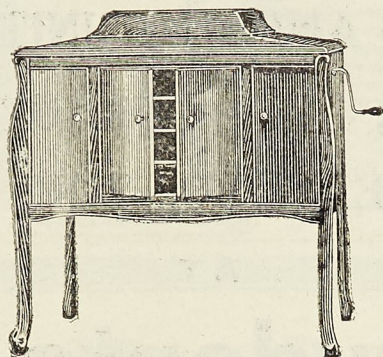


# Good News--Rolla Now Has A Store THAT CAN SUPPLY YOU WITH **The Victrola & Victor Records**

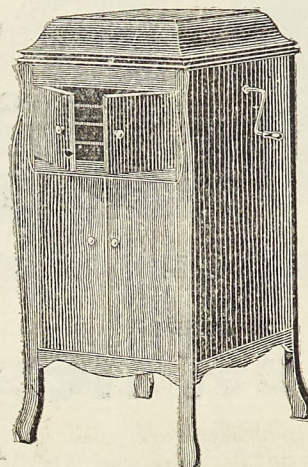
That Store is ours—our new department of Victrolas and Victor Records opens tomorrow



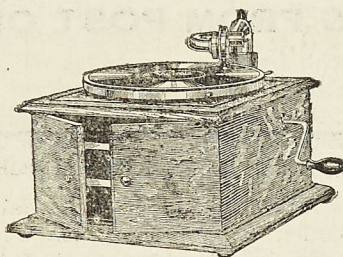
VICTROLA No. 80  
\$100.



VICTROLA No. 240  
\$115



VICTROLA No. 90  
125.



VICTROLA No. IV  
\$25

You know what the Victrola is—you see it advertised in all the leading magazines. It's the best talking-machine made—the one talking machine for which the truly great singers and musicians record.

Our stock of Victor Records is unusually large and complete. We have thousands of them, covering every kind of music there is. And promptly on the first of every month the New Victor Records for that month will be here for your choosing.

## OUR VICTROLA DEPARTMENT

### IS RIGHT UP IN FRONT

It's right up in front of the store—just a step from the sidewalk. Stop in tomorrow and visit it. See our splendid selection of Victrolas, especially the new horizontal type models that are so popular.

## MISS ALLEN IN CHARGE

Miss Allen's many friends will no doubt be glad to hear that she has been placed in charge of this new department. Any time you come in and we hope often—She will be glad to show you around, to demonstrate the various models for you, to play any Victor Records you want to hear.

## Victrolas \$25 and up. Easy Terms.

Victrolas come in various styles and sizes, ranging in prices from \$25 upward. And it's mighty easy to own one. A moderate down payment delivers any model to your home. The balance in convenient monthly payments.

Hours: 7 A. M.--6:30 P. M.

# JAMES A. SPILMAN



## SPORTING GOODS HEADQUARTERS

FOOTBALL

GOLF, BASEBALL, BASKETBALL

FISHING TACKLE

GUNS AND AMMUNITION

GYM SUITS, - - \$1.50 PER SUIT

SWEATERS, JERSEYS, TOM WYE COATS

AT

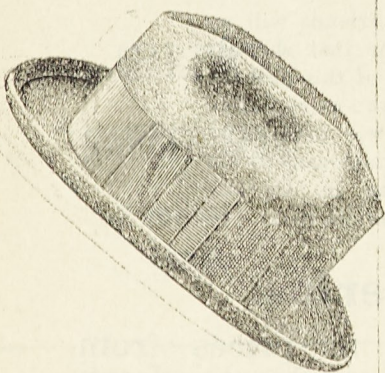
## The Students Store

ACROSS FROM POST OFFICE



ROTHSCHILD

Star Hats



HARRY S. WITT  
CLEANING & PRESSING  
PHONE 17  
AUTO DELIVERY

GO TO  
DENNIE'S CAFE  
FOR GOOD MEALS

## SIGMAGAMMA EPSILON PLEDGES

At a recent meeting of Sigma Gamma Epsilon the following men were pledged for membership: L. M. Tidd, R. A. Blount, W. E. Remmers, B. Samples, M. M. McClelland, H. C. Buser, A. E. Buck, J. M. Wasmund, G. C. Gabler and C. G. Bower.

## FRESHMAN.

A very interesting entertainment was given Saturday night to the members of the Freshman Class and a few upper classmen, by Cook and "Doc" Hayes, two members of the Freshman class. The entertainment was given in behalf of their forgetting to carry water to the football men.

Cook and Hayes were first escorted to the Frisco Pond and gave an exhibition in swimming, after which they were paraded through the main streets in a barrel.

For their gallant work the manager of the Rolla Theatre permitted all Freshmen to be admitted free of charge to the second show.

## SOPHOMORES.

An important meeting of the Sophomore Class was held in Norwood Hall Thursday night, Sept. 21, at 7:30 o'clock. Many things of interest were

discussed, one of the most important being the proposed Student Activities Council. After some discussion this project was voted down.

A committee composed of F. C. Martin, chairman; Letts, and Gorman was appointed to take charge of the Sophomore football team. All Sophomores, whether or not they have had previous football experience, are requested to come out to practice.

One of the noticeable things at the meeting was the absence of fraternity men. There were about 40 men present, not one of whom belonged to a Frat. Is that co-operation? Is that the firm foundation upon which a strong organization is founded? It only shows that some men are hard losers.

HARRY R. McCAW

FURNITURE,

CARPETS,

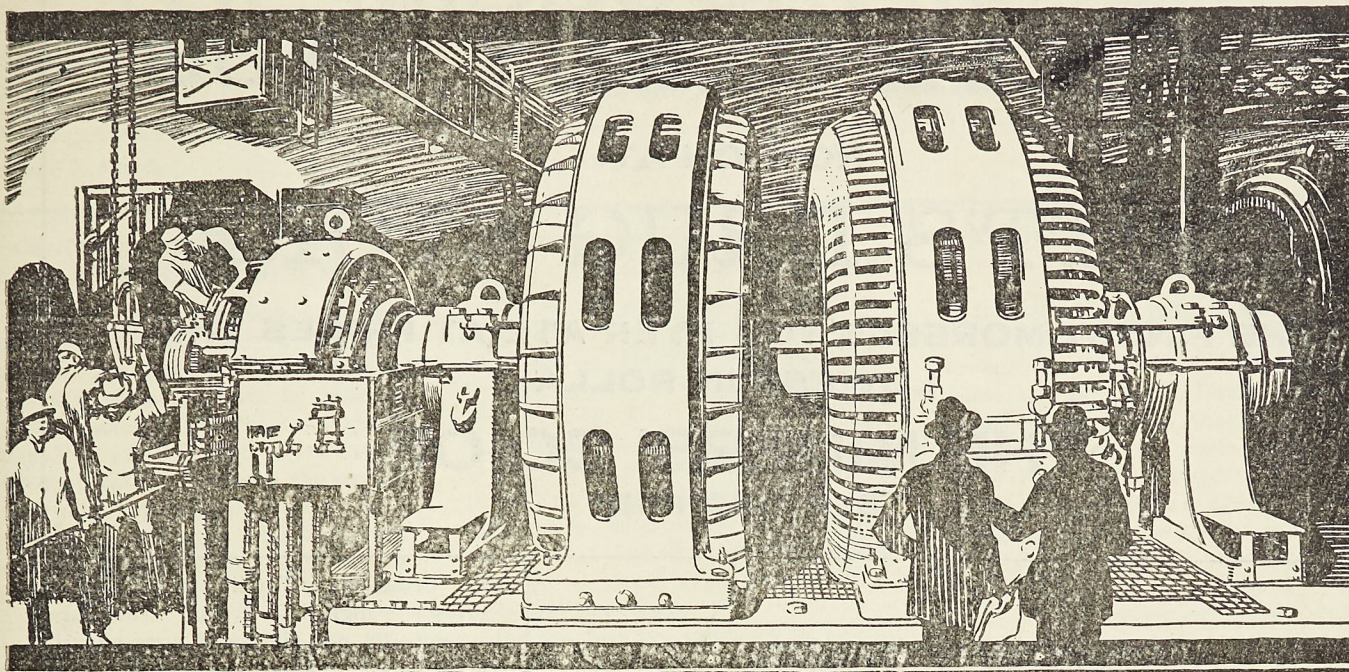
UNDERTAKING

LICENSED EMBALMING

Telephones:

Store 276, Residence-171.





## Real Service Must Be Engineered

Many of the men whose names are writ large in engineering history are design engineers; men like Westinghouse, Lamme, Stanley, Hodgkinson, Tesla, Shallenberger. Their inventions have the quality of usefulness, of reliability, of productability; which is an involved way, perhaps, of saying that they have the primary requisite of all really great inventions: *Serviceability*.

Engineering history abounds in instances of near-genius that produced no product, and of great developments that never reached completion; and most of these instances are explained by the lack, somewhere in the system, of that ability to give real Service.

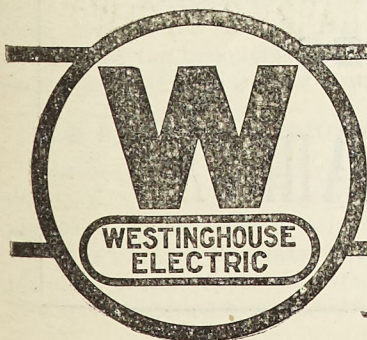
Service, in a machine or a system, or wherever you find it, is not there by accident but because it was incorporated by men who understood what was required and knew how to provide it.

Much more is required of the designer than facility in calculation and mastery of theory. He must have first hand and thorough familiarity with manufacturing operations and with commercial and operating conditions. It takes more than mere ingenuity and inventiveness to design apparatus that will be really serviceable and will "stay put."

The design engineer, in the Westinghouse plan, is responsible for the performance of the finished product. He cannot possibly have the proper understanding of operation unless he operates and tests, unless he spends time and thought in investigation and study, not in the laboratory or drawing room, but right on the operating job. Here, most of his ideas will develop; and here he will see and prepare for all the different things which the product will later have to encounter. Then when he comes to put his creations on paper, his calculations will be necessary and helpful to check the conclusions which he has reached, and this right use of them requires training and a high degree of understanding. This proper balance of the physical and mathematical conception of things is what constitutes engineering judgement.

It should be thoroughly understood that the primary function of the design engineer is the conception and the production of new or improved apparatus, and familiarity with the practical is essential to the proper discharge of this duty.

It is this view of designing that makes this branch of Westinghouse engineering so important, so effective, and so productive of real developments.



# Westinghouse

## ACHIEVEMENT & OPPORTUNITY



# SPECIAL CANDY SALE

NOW ON AT

## SCOTT'S DRUG STORE

THE FINEST MORSELS YOU EVER ATE AT PRICES THE  
LOWEST IN ROLLA

### THE MINERS' CO-OP

8TH AND PINE

## 5 PER CENT ON TIME DEPOSITS

As you learn how to master your savings account, you are learning how to manage other people and things.

Build that balance steadily.

# Rolla State Bank

ROLLA, MISSOURI

Crime-Wave-Terrill spent a very restless night last Friday. The alarm clock did not ring, and consequently he did not wake up and take his sleeping powders.

The members of the Class of '25 who attended Prof. Pritchard's Sunday School Class last year will probably be regular in attending the Methodist Engineers this year.

The Pi K. A.'s are to be praised for the way they look out for the future. The way they turned out to pick grapes so they would not run out of jelly this winter is admirable.

Prof. Rankin has been very much puzzled over missing one of his sections in calculus every Wednesday. The class said they waited ten minutes, and he claimed he waited twenty. They were both telling the truth, only the class waited from 9:00 to 9:10, and the Prof. from 11:00 to 11:20.

## MAKE FAULKNER'S ANNEX YOURS

WE CAN SUPPLY ALL YOUR NEEDS

# Faulkner's Drug Store and Annex

"OUR FOUNTAIN SERVICE EXCELS"