



03 Dec 1920

The Missouri Miner, December 03, 1920

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Prof J. B. Butler

THE MISSOURI MINER.

Missouri School of Mines and Metallurgy, Rolla, Missouri.

Vol. 7, No. 14.

Friday, December 3, 1920.

Price, 8 Cents.

BIG BANQUET FOR FOOTBALL SQUAD.

Jackling Gymnasium, at seven o'clock next Wednesday evening, December 8th, will be the scene of a turkey banquet, given in honor of the football men of M. S. M. Thirty men have been selected from among those who have been out for the team this fall as guests of honor.

That the affair is to be one of the greatest ever staged by the student body is indicated by the fact that over two hundred tickets have been sold among the students, members of the faculty and business men. Several notable men of the State and University are expected to be present at this banquet. Among them are Dr. D. A. Lyons and Dr. J. J. Rutledge of the U. S. Bureau of Mines, Governor-elect Arthur M. Hyde, Senator-elect Selden P. Spencer, and the members of the State Junketing Committee.

Two features of special interest will be the awarding of the "M's" to the football men and the announcing of next year's football captain.

A committee composed of a member from every club and fraternity are busy selling tickets. If they don't see you, see "Thorny" and get a ticket from him. Step lively, though, because the sale of tickets will be limited, and none will be sold after 6 P. M. Monday. It's the final touchdown, fellows. Every Miner should be there to complete the successful 1920 football season. The price is two dollars.

MINER HAS NEW EDITOR.

At the regular meeting of the Miner Board on Monday, November 29, Editor E. L. Miller resigned from that position, and H. O. Norville was elected by the Board to fill the berth left vacant. "Schnuttz" has worked faithfully in the effort to make the Miner a distinctive paper among those of its class. He has not failed in that effort; his success being due in some measure to a foundation laid in newspaper work before coming to school.

H. O. Norville has written for the Miner for the last three and a half years, the last year of which was spent as an active member of the Board. The Board is looking forward to a successful season under the leadership of the new Editor.

AWARDING VICTORY MEDALS.

The recruiting office at Joplin has requested Lt. Peckham to collect and forward to his office the discharges of all ex-army men in Rolla who are entitled to the Victory Medal, and who have not made application for the same. Accordingly, it is requested of all men concerned that they take their discharge papers to Lt. Peckham, Room 13, Jackling Gymnasium, on or before Friday, Dec. 10. The Joplin office will make out the necessary blank forms. Simply present your papers, and an effort will be made to deliver your Victory Medals before Christmas.

Geo. Kroenlein, '20, stopped off at Rolla Thursday on his way to Tampico, Mexico, where he will go to work for the Sinclair Oil Co.

ALUMNI ORGANIZE SOUTHWEST ALUMNI ASSOCIATION.

Everybody! Hats off to the Alumni of the Southwest! It was indeed a new epoch in the history of the school when the Alumni of the Mid-Continent and the Southwest met in Tulsa Thanksgiving and organized the Southwest Alumni Association. A meeting was called Wednesday, November 24th, for the purpose of electing officers and appointing a committee to draw up a constitution. The following officers were elected:

W. W. Kiskaddon, President.

J. N. Lyons, Treasurer.

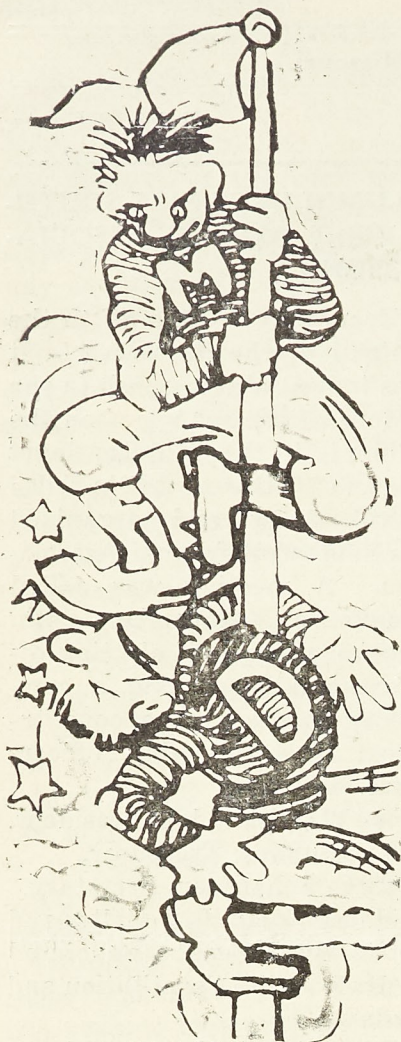
R. C. Schappler, Secretary.

Harry Nolan, L. J. Zoller and V. H. Hughes were appointed to draw up the Constitution and By-laws.

Following the banquet Thursday evening the Association held its first business meeting. The first order of business was the reading and adoption of the Constitution and By-laws. W. W. Kiskaddon then spoke of the need of such an organization for M. S. M., the purpose of the organization and the benefits the school may expect to derive from it. This was followed by the appointment of committees to correspond with the men who were not present.

Every student upon leaving school, and every alumni upon graduation automatically becomes a member of the Association. Yearly dues are to be paid by voluntary contribution, and are to include a year's subscription to the Missouri Miner. Every Miner under the jurisdiction

Continued on Page Ten.

HOLD 'EM, MINERS!

"AS IS."

**DRURY GAME AWARDED
TO MINERS—GIVES US
CLEAN SLATE.**

**Kirkville and William Jewell
Also Tied for First Honors.**

Athletic Director Dennie returned Wednesday from Kansas City where he attended the annual meeting of the M. I. A. A. After an all-night session, the officials of the Association gave out this long looked for eligibility rulings on contested players in the conference. Slayton of Missouri Wesleyan, Moles of Warrensburg, Williams of Drury, and Cherry of Springfield, were declared ineligible. As a result of these delayed rulings all the games that these teams played were thrown out of the official standing. A re-rating showed that the Miners

are tied with William Jewell and Kirkville for first honors.

The meeting was somewhat of a housecleaning affair. During the past football season there has been difficulty experienced in obtaining rulings on contested players. Evidently this has been due to misunderstandings regarding conference rules. To obviate this the eligibility question will be handled in the future by a committee of five faculty members, each school on the committee to select its own member. Previous eligibility committees have been made up of three coaches, but the present ruling bars any coach from being a member.

Next year's football schedule which is partially completed, is given below:

Oct. 1—Washington U., at St. Louis.

Oct. 7—Cape Girardeau, at Cape Girardeau.

Oct. 14—Open.

Oct. 21—Missouri Wesleyan at home.

Oct. 28—Open.

Nov. 4—Springfield Normal, at home.

Nov. 11—Drury, at Springfield.

Nov. 18—Central, at home.

Nov. 24—Open.

ANOTHER MINER FALLS.

At a very delightful reception Friday, Nov. 19th, Mrs. J. H. Pillman announced the engagement of her daughter, Miss Martha, to Mr. Kenneth M. Wright. Miss Pillman is a graduate of Drury College, and is one of Rolla's most popular young ladies. "Kenny" graduated with the class of '20, and is a member of the Kappa Sigma fraternity. He is at present employed by the Bell Telephone Co. The wedding will be December 15th.

K. F. Hansen, '19, is with the Minas Dolores, at Matehuala, San Luis Potosi, Mexico.

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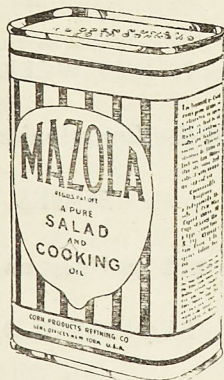
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GEO. R. DEAN.

BASKETBALL OUTLOOK GOOD—LARGE SQUAD AT WORK.

Men Showing Up Well In Practice.

With the football season over M. S. M. finds itself at the beginning of what promises to be one of the most successful basketball seasons in the school's history. For the past month a large squad of men have been conditioning themselves, and this week finds a still larger squad working hard each evening. There are some twenty-five or thirty men reporting, including four letter men and several of last year's second string men. By the end of the week the squad will be cut down, and the real hard grind will start.

Last year found us beginning to fight and get into form just when the season ended. This year, however, that condition must not prevail. We have the team to walk away with the bunting, and we have the 'pep.' All we need is to get behind the team and boost. Talk it up over the holidays. Put some spirit into M. S. M.'s athletics. Let's start the season right—play it right—and then end it right by heading the percentage column at the end of the conference. Be a Booster.

The following are the games scheduled so far to be played at home:

Jan. 13—Tarkio.

Feb. 4—Drury.

Feb. 10—Central Wesleyan.
Feb. 16—Missouri Wesleyan.
Feb. 23 and 24—Cape Girardeau.

Feb. 28—Springfield Normal
March 1—Drury.

The Boy Orator of St. James has at last succumbed to Cupid's wiles: Glancing through the St. Louis Globe-Democrat on Friday morning, November 20, we chanced to see the following:

Mr. and Mrs. W. F. Brock of 2529 Slattery Place, have announced the engagement of their daughter, Abia, to Albert Charles Laun, of St. James, Mo. Mr. Laun is a senior at the Missouri School of Mines, and is a member of the Lambda Chi Alpha fraternity. During the war he served with the hydroplane service of the U. S. Navy. No date for the wedding has been set.

The Pi Kappa Alpha fraternity entertained last Friday night with a delightful dance at their chapter house. A three-piece orchestra furnished the latest jazz music. Refreshments were served at midnight, and dancing continued until 3:00 o'clock.

CASUAL COLORED COMMENT CAREFULLY "CELECTED."

Applying for a divorce, an old Georgia negro said to the judge:

"It's only cost me a string of fish to git married, Jedge, but I'd like a whale to git rid of her."

—Philadelphia Record.

The nurse had just taken Rastus temperature when the doctor arrived.

"How are you feeling?"

"Hungry, doctor, hungry. All I got to eat was a piece of glass to suck on."

MINERS LAND TWO POSITIONS ON MYTHICAL ALL-STATE ELEVEN.

Cairns and Christner Chosen by
Cochrane of K. C. Journal.

The mythical all-state eleven as chosen by the sporting editor of the Kansas City Journal, was printed in last Saturday's papers, and gives the Miners two places on the first team. Cairns was placed at quarter, and "Gobby" Christner was given his old position of right guard. These two positions were the only ones given to the Miner eleven.

Cairns, better known as "Buddy," was first choice for the quarterback position. "Buddy" has an enviable record this season. As quarterback and captain of the Miner eleven, he has played a stellar game all season. He is a shifty open field runner, a consistent ground gainer, and has shown good leadership on the field. "Buddy" has stood head and shoulders above the other quarterbacks of the conference, and deserves the coveted position on the all-state team. This is "Buddy's" fourth and last year in M. S. M. athletics, and it is a well earned honor that he is given as quarterback on the representative eleven of the state.

"Gobby" Christner, although not reporting in time for the first game, won a berth in the line immediately, and has been there during the whole season. "Gobby" is not a heavy-weight, but makes up any deficiency in that line by fighting the "big boys" off their feet. He has played nearly every game, only Cairns seeing more service this year. "Gobby" is a hard worker, and has one more year at M. S. M. He will prove a leader in making up next year's football team, and with this year's record back of him should play a prominent part in conference

athletics.

The complete all-state team is given as follows:

Filley, Wesleyan, left end.
Reaves Springfield, left tackle.

Christner, Rolla, left guard...
Markey, Warrensburg, center.

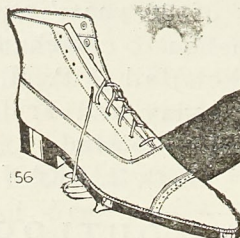
Miller, Drury, right guard.
Irwin, Wesleyan, right tackle
Finney, Jewell, right end.
Cairns, Rolla, quarter.
Moles, Warrensburg, left half.

Farmer, Wesleyan, right half
Shoemaker, Jewell, fullback.

"Liza, what for did you buy dat box of shoe blacking?"

"Go on nigga', dat ain't shoe blacking; dat's my massage cream." —Yale Record.

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INTER-CLUB-FRATERNITY GAMES REARRANGED.

At a meeting of the basketball captains of the various fraternities and clubs, the schedule of games for the coming tournament was changed, and the date of the initial game advanced to Dec. 9th. These games start promptly at 4:30 P. M., and the contesting teams must be on the floor at 4:15. These rules will be rigidly adhered to. Any team not on the floor by the specified time forfeits its game.

The winners of the third game drew the first bye. The new schedule follows:

1. Dec. 9, Prospectors, Kappa Sigma.
2. Dec. 10, Grubstakers, Pi K. A.
3. Dec. 11, Vocates, Bonanza.
4. Dec. 13, Kappa Alpha, Independent.
5. Dec. 14, Lambda Chi Alpha, Sigma Nu.

6. Dec. 15, Winners 1, Winners 2.

7. Dec. 16, Winners 4, Winners 5.

The winners of games, 3, 6 and 7 will draw for bye in the final series.

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NEW LIBRARY ASSISTANTS.

Miss Nina English of Webster Groves has been appointed cataloguer in the Library at M. S. M., and began her duties Dec. 1st. Miss English is a graduate of the St. Louis Library School, attended Northwestern University, has been an assistant in the Evanston, Ill.,

Public Library. She comes to M. S. M. from the Catalogue Department of the St. Louis Public Library.

The library staff now comprises Mr. Wheeler, the librarian; Mrs. H. O. Norville, Assistant Librarian, who will have charge of the book ordering, will build up the trade catalogue collection, and will give her attention especially to the reference work and circulation, which have been somewhat neglected in the last two years because of the more insistent pressure of other library work. Miss English will have charge of the binding, the cataloguing, and the preparation of new books. Miss Eva Underwood, Exchange Assistant and stenographer, will attempt to develop a system of exchanges with several hundred scientific and technical institutions, both American and foreign. H. L. Leonard and R. E. Murphy will serve as student assistants.

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.**

H. O. Norville.....Editor-in-Chief
H. L. Leonard.....Associate Editor
E. L. Miller, Jr.....Contributing Editor
H. O. Norville.....Assistant Editor
E. S. Wheeler.....Sports Editor
Joe M. Wilson.....Cartoonist

Business Management.

K. W. Booker.....General Manager
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S. M. Burke.....Circulation Manager

Issued Every Friday.

Subscription price: Domestic, \$1.75 per year; Foreign, \$2.00; Single Copy, 8 cents.

LETTERS.

It is now the time of reckoning on the possibilities of the awarding letters to the football squad. The Miners from observance have picked their men as those that deserve letters for their work on the gridiron, and the following are those that we feel undoubtedly have earned them: Brandenberger, Wendell, Parkhurst, Zoller, Christner, Buck, Bolt, Mort. Wilson, Cairns, Owens, McBride, McClurken, Kenning, Zook, White.

These fifteen men constitute a representative showing of the football squad, and it certainly is one of honor to be on it. Are they your choice?

"DIZZY" BECOMES**A PUGILIST.**

Under the heading of "Students in a Fight," the Columbia Evening Missourian publishes the following article:

Harvey Wertz, former service man, and Whitney Davis, former gob, roommates, fought a post-war contest bare-handed

about noon today. Davis was the loser and suffered minor bruises. A warrant was issued for Wertz's arrest.

Wertz contended that Davis had accused him of having pro-German sympathies. Both are vocational students. Wertz was fined \$1 and cost.

Whitney Davis is no other than our "Dizzy," who attended school here last year.

"NECK."

What made him leave Rolla on Thanksgiving day?

What made him come back such a wreck?

What's worth dreaming about every night in the year?

Why, "neck," "neck," "neck." Dear "H. O."!

"Neck" is slang for "lovin'." JOE.

TWO M. S. M. MEN ARE WINNERS IN NATIONAL CONTEST.

Announcement has just been received of the winners of the A. A. E. membership contest which ended November first. The University of Arizona won first in the percentage of enroll-

ment, having 100 per cent. M. S. M. stood twelfth with a percentage of fifty-seven.

N. Packman stood fourth in the national contest for the man getting the largest number of new members. Prof. H. H. Armsby was tenth on the list in the same contest.

GOOD NEWS FOR**EVERY ONE.****Coach McCune Appointed Assistant Physical Director.**

At a recent meeting of the Executive Committee of the Board of Curators Mr. Roger McCune was appointed Assistant Director of Athletics at the Missouri School of Mines.

Dr. Fulton brought this good news to us directly from the meeting, and there is no news that could be more pleasing to the student body. It is only hoped that McCune will find it satisfactory to remain in Rolla and help a winning bunch of athletes in every department of school activities. He can do it and every man in school will be only too glad to put forth every effort to assist.

Mr. McCune's services are to begin, in the above capacity January 1st, 1921.

EDDIE BOHN MEMORIAL FUND.

M. H. Thornberry acknowledges the receipt of the following contributions to the Eddie Bohn Memorial Fund during the past week:

Chas. Parker.....\$5.00
Mark L. Terry, '20.....\$2.50
D. C. Shepherd, ex-'20.....\$2.00

Chas. Parker is a former resident of Rolla, and although never connected with the school in any way has always been a great booster for M. S. M. Charlie is known to the old men of the school as the student's friend.

Patronize Our Advertisers.

MORE FACTS.

Although Rolla has had lights for the past week the question arises how long will it last. A few repair parts have arrived and are being installed "as rapidly as possible." Just how much this will increase the efficiency of the plant remains to be seen.

The generator which supplies the city with electricity has a capacity of 400 amperes. When the plant is in running order this generator carries a load of 550 amperes; an overload of 150 amperes, or 37½ per cent. The maximum load for any generator should not exceed 25 per cent overload, and this only for short periods of time. Such an overload as is carried by this generator plays havoc with any machine very rapidly. Just how long the generator will hold up under this abuse remains to be seen.

Water for the city is supplied by a centrifugal pump driven by an electric motor. The commutator segments of this motor have been burned out to a depth of one-fourth to three-eighths of an inch, and the solder connecting the armature coils is very badly melted. If these conditions develop further Rolla might as well be located in the Sahara Desert so far as a water supply is concerned.

The boiler for supplying steam for the plant is an old type fire-tube boiler, but it is understood that negotiations are under way for the purchase of a new boiler. There should by all means be two boilers, for reasons outlined last week.

No duplicate machines are on hand in case of a breakdown. In view of the serious condition of the power plant, a breakdown is apparently only a question of time, and not a very long time. When that time comes, Rolla will be without light again, and, what is vastly

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**H. O. NORVILLE, REPRESENTATIVE
BOX 100 ROLLA, MO.**

more serious, without water. In the present emergency the School of Mines, representing the State of Missouri, has supplied power to the city, but, in view of the standpoint taken by some of our neighboring cities, it is very doubtful if it will do so again. Rolla has no more reason to expect the State to furnish her with light and water than has any other city in the State.

These facts have been obtained by a first-hand inspection, and about all that can be said for the local light and power plant is, to quote an authority who recently inspected the plant, "The only thing Rolla has in the form of a power plant is a location and a smoke-stack."

M. S. M. CHAPTER AMERICAN ASSOCIATION OF ENGINEERS.

As the old darkey said, "A chicken am de mos' usefulest animule dere am. Yo' can eat him befoah he am bohn an' af-tah he am dead."

—Farmer and Breeder.

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HARRY BRITTON

SOUTHWEST ALUMNI ASSOCIATION GIVES BANQUET IN HONOR OF FOOTBALL TEAM.

A real live event was the banquet given by the Tulsa members of the Southwest Alumni Association in the Tea Room of the Tulsa Hotel in honor of the football team Thanksgiving evening. It was one of those events that makes a fellow feel proud of the fact that he is a student or an alumnus of a school that turns out men of such caliber as those that were present.

Over a hundred Miners were present to pay homage to their Alma Mater and her football team. Mr. Harry Nolan acting as toastmaster called on E. M. Guy to lead the singing of the "Mining Engineer" and every Miner present certainly displayed his ability to do his part in the singing. After an address of welcome in which he congratulated the aspiring "Q. V.'s" upon their successful trip, the toastmaster announced the formation of the Southwest Alumni Association of M. S. M. an account of which is given in

other columns of this edition. Athletic Director F. E. Dennie and Coach McCune then spoke of athletics at M. S. M. and the prospects of a winning team for next year.

"Jinx" Caplan was the next man to hold the floor and the mirth of the banqueters. Caplan told of several experiences while in school and explained how he happened to receive the moniker "Jinx." Joe Lyons very heartily indorsed the sentiment expressed by the previous speakers, and told of the work the association intended to accomplish. Walter Kiskaddon as President of the Alumni Association and a member of the 1914 team gave as his opinion that the Miners outplayed Kendall fifty per cent, and then proceeded to instill the old "pep that beat Mizzou" into the bunch. "Buddy" Cairns then spoke of athletics from the student's standpoint, and of the spirit of the players as they fight for M. S. M.

A business meeting of the Association followed the banquet.

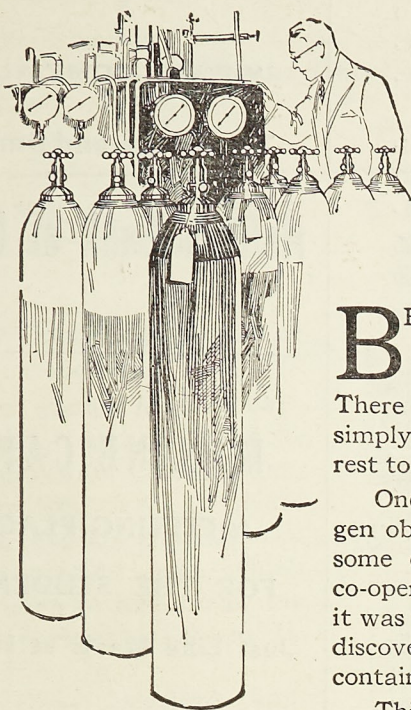
DON'T OVERLOOK THIS!

We know that since the last Miner dance you have all been looking forward to the announcement of the next one. Here it is—Friday, December 17th, in Jackling Gymnasium. It will be the last dance of the year 1920. Exams should be over by then, and all should plan to cut loose for a real live affair.

Hunt's orchestra will furnish music during the evening, and we guarantee that the "light question" will not stop the enjoyment, as happened at the last dance. Further announcements will appear in next week's issue of the Miner.

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What Is Air?

BEFORE 1894 every chemist thought he knew what air is. "A mechanical mixture of moisture, nitrogen and oxygen, with traces of hydrogen, and carbon dioxide," he would explain. There was so much oxygen and nitrogen in a given sample that he simply determined the amount of oxygen present and assumed the rest to be nitrogen.

One great English chemist, Lord Rayleigh, found that the nitrogen obtained from the air was never so pure as that obtained from some compound like ammonia. What was the "impurity"? In co-operation with another prominent chemist, Sir William Ramsay, it was discovered in an entirely new gas—"argon." Later came the discovery of other rare gases in the atmosphere. The air we breathe contains about a dozen gases and gaseous compounds.

This study of the air is an example of research in pure science. Rayleigh and Ramsay had no practical end in view—merely the discovery of new facts.

A few years ago the Research Laboratories of the General Electric Company began to study the destruction of filaments in exhausted lamps in order to ascertain how this happened. It was a purely scientific undertaking. It was found that the filament evaporated—boiled away, like so much water.

Pressure will check boiling or evaporation. If the pressure within a boiler is very high, it will take more heat than ordinarily to boil the water. Would a gas under pressure prevent filaments from boiling away? If so, what gas? It must be a gas that will not combine chemically with the filament. The filament would burn in oxygen; hydrogen would conduct the heat away too rapidly. Nitrogen is a useful gas in this case. It does form a few compounds, however. Better still is *argon*. It forms no compounds at all.

Thus the modern, efficient, gas-filled lamp appeared, and so argon, which seemed the most useless gas in the world, found a practical application.

Discover new facts, and their practical application will take care of itself.

And the discovery of new facts is the primary purpose of the Research Laboratories of the General Electric Company.

Sometimes years must elapse before the practical application of a discovery becomes apparent, as in the case of argon; sometimes a practical application follows from the mere answering of a "theoretical" question, as in the case of a gas-filled lamp. But no substantial progress can be made unless research is conducted for the purpose of discovering new facts.

General Electric
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tion of the Southwest Division will receive the Missouri Miner regularly, the subscription to be paid by the association.

It is very important that every alumni know at all times just what is going on here at school—what our men are doing in athletics, the particulars about St. Pat's and Commencement, and the discussion and progress of the anniversary celebration. The Miner staff appreciates the fact, and is very anxious to assist in every way possible.

The true old-time spirit has prevailed throughout the organization of this association, and what these men have done can just as well be duplicated by every other group of alumni in the country. We hope to hear in the near future of the organization of several more sections with headquarters in St. Louis, Kansas City, Salt Lake City, Chicago and other centralized cities. It is up to the "live wire Miners" in these various sections to start the ball rolling. Let's show 'em, alumni, that the old Miner pep is "craving action," even though you have been out of school for several years.

All communication with the Southwest Section should be addressed either to W. W. Kiskaddon or R. C. Schappler, 8 Turner Building, Tulsa, Okla.

A. A. E. SMOKER.

Over a hundred members and visitors attended the joint meeting and smoker of the A. A. E., which was held in Jackling Gymnasium Wednesday evening December 1st.

The program began with several selections by Hunt's orchestra. The music furnished by this orchestra is certainly of a very high standard, and the work of these fellows cannot be too highly commended. Follow-

ing the transaction of regular business Mr. C. P. Calvert gave a very instructive and interesting talk on "Selling Your Personal Services."

The violin solo by Linzer, accompanied by Miss Helen Baysinger, was also one of the enjoyable events of the evening. Miss Baysinger's willingness to assist in school activities is certainly appreciated by all.

The new "A. A. E." cigar, of which we have heard so much, furnished the real "smoke" of the evening. The meeting closed with the "Mining Engineer."

JUNIORS CHALLENGE FROSH.

At its class meeting last Tuesday the Junior class voted to challenge the Freshmen Class to a football game, to be played December 11th, provided satisfactory arrangements can be made.

There will be an admission charge of 25 cents, the proceeds to go to the St. Pat's fund. The game will no doubt be a hard fought battle and every one should be out to witness the slaughter.

At present writing it is impossible to obtain the line-up of the teams, but the Juniors claim an unbeatable eleven. Go after 'em, Frosh; fight as you did before, and we'll bet on you.

LIEUT. PECKHAM ATTENDS BANQUET IN ST. LOUIS.

Lieut. Peckham attended a banquet and smoker in St. Louis last Saturday, which was composed of service and ex-service men from both the army and navy. Some of the army men there were acquaintances of Lieut. Peckham at West Point; the oldest representative of that institution present, though, was a graduate of 1860. The returns of the Army-Navy game were received by wire after each quarter.

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