



21 Sep 1917

The Missouri Miner, September 21, 1917

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THE MISSOURI MINER.

Missouri School of Mines and Metallurgy, Rolla, Mo.

Vol. 4, No. 2.

Friday, September 21, 1917.

Price 5 Cents.

SOPHOMORES WIN CLASS FIGHT.

Sunday closed the season for the hazing of Freshmen, and that night at a little before six, members of the class of 1921 were seen headed for the fair grounds. A few tarried until after seven o'clock, but successfully got thru the Sophomore picket line.

The night was a rather chilly one, bpt the Freshmen were kept warm by excitement and the burning of fence posts. Their spirits were much raised about 3 A. M. by the catering firm of Housholder, Geib & Co. Due to a false report that the Freshmen were going to make a raid and put up their posters, the Sophs got little sleep that night.

So eager were the Freshmen for the fight that they arrived in town before 8 o'clock Monday morning.

Disregarding former customs the fight started promptly at 9 o'clock. This was due to the fact that the Senior Class directed the fight.

Not a great deal can be said about the fight itself, for it lasted only eight minutes. The fight few pictures, the Seniors carried off the tied men, and the fight was over.

But too great praise is not due the Sophomores, for not only did they have the advantage of experience, but also of numbers—outnumbering the Freshmen by at least five men. However, this fight will long be remembered for the sportsmanship displayed. It was the cleanest, fairest fight ever staged on the M. S. M. campus. Not one word of complaint

or criticism was heard from either side.

A large crowd witnessed the fight, but the crowd would have been even larger had some of the Professors not figured on the fight starting late.

After the fight the usual carnival was staged on Jackling Field. The Freshmen cheerfully went thru their stunts, the most amusing being the milk drinking contest, won by C. D. Montieth.

Following the carnival the Freshmen were marched down town, and there equipped with the green head adornment.

Sophs Entertain School With Smoker.

Last Monday night the Sophomore Class entertained the school with a delightful smoker in the Jackling Gymnasium. The feature of the evening was the wrestling match between Coach McConnell and Bill Durning. Coach McConnell and the other new members of the faculty were introduced to the student body, and their addresses were quite worthy of the Nebraska politician. Boxing matches and races were put across in a lively manner. Scott's orchestra made cripples feel like throwing away their crutches and dancing. A luncheon was served, consisting of imitation beer, sandwiches, cakes and smokes. Such a pleasant evening was spent that when the freshmen went home they had completely forgotten their defeat of that morning, and the previous week of torture.

Miner Staff Elects J. B. Duga Editor-inChief.

At the meeting of the Miner staff Monday night, the staff selected men to fill its vacancies. J. B. Duga was elected chief of the editorial staff, O. Goldsmith business manager, J. P. Gill assistant business manager, J. G. Miller circulation manager.

J. B. Duga was formerly local editor, and author of "Around the Sundial." It is his ambition to put out the best Miner ever printed. With the aid of F. H. Geib and G. D. Clayton, Jr., he hopes to accomplish that aim.

O. Goldsmith was formerly circulation manager, and while in that capacity he built up the circulation department to its present efficiency. His good work in that department made him deserving of his new position.

J. P. Gill, formerly of the advertising department, was advanced to assistant business manager, where he will continue his energetic work for the betterment of the paper.

The work of J. G. Miller as assistant circulation manager made him the proper man for head of the circulation department. He will be assisted by F. H. Taylor.

J. W. Scott, with the assistance of P. D. Wilkinson, will have charge of the advertising department.

The reporters selected are: E. R. Housholder, Senior Class; E. E. Ashlock, Junior Class; Carl Hummel, Sophomore Class; L.

R. Short, Freshman Class.

The new staff took charge at once, and will endeavor to give M. S. M. the best paper ever put out by its students.

Football Dope

Prospects for a successful football season are better now than they have been since the season of three years ago.

When Coach McConnell gave notice that he needed men with which to build a team, twenty-five men reported the first night. At present there are forty-nine suits out, and about three full teams are on Jackling Field each night.

Only light practice is on the menu as yet, and it will remain for some time, in order to give the men plenty of time to get into condition, and thereby prevent accidents to a great extent. Catching passes, falling on the ball and tackling the dummy constitute the practice, and at these arts the Rolla Miners are diligently working.

Due to the war, many of the old faces of the veterans are missing, and now new ones take their places. Only four "vets" are out this year, Capt. Bruce, Dowd, Johnston and White. Around these four men the team will be built.

It will be a month yet before the first scheduled game will be played, which is with the University of Arkansas, at Fayetteville. We are out for revenge this year, and so the Razorbacks are going to be our first victim.

The schedule for the season up to date consists of seven games, five of which will be played away from home, with the remaining two to be played at Rolla. It is very probable that one more game will be secured before the season starts, which will be also played at home.

Capt. Bruce is wearing a smile that won't come off, and altho he says nothing, we all know he is thinking of the many victories which his team will bring to Rolla.

Let every one in school who can possibly find time, try and get out to as many practices as possible, as a little word of praise helps a whole lot, and is appreciated by our boys out there who are going to fight for the glory of M. S. M. on the gridiron. So everybody out!

Bardsley's Financial Statement.

Dear Sir:

As Secretary and Treasurer of the Class '18 (Junior class of last year), I had a surplus in the bank after all bills were paid. To the best of my knowledge, the Class '18 does not owe a penny to any one.

My stub book shows \$76.42, if I remember right. When in Rolla several weeks ago, I left the class book to be balanced, which I will have enclosed with this letter. It should agree with the stub book, Seventy-six and 42-100 dollars (\$76.42.)

This amount may not agree with my financial statement, as I believe I paid a few straggling bills after it was posted.

The account is in the name of the "Junior Class '18 M. S. M."

Please advise who will take care of the Class '18 funds, and I'll see that the other class books get in his possession.

All of the Class '18 books are in Rolla. I apologize for holding up the funds, but as matters have turned out so adversely with my plans, that it will take some time for to make adjustments everywhere.

Hoping no confusion results from this, I remain,

C. E. BARDSLEY, '18.

The article in last week's Miner entitled "Miners Attract Attention," was taken from the Mining and Scientific Press. Due to an error, credit was not given to this magazine.

E. V. Damotte, '16, is with the 12th Regiment of Engineers, somewhere in France.

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SENIOR COLUMN.

Orie Maness was chosen President for the Senior Class. Mike Shanfeld will act as Vice-President; H. Smith Clark Secretary-Treasurer.

L. H. Goldman and Bill Reber were the two men selected by the Class of 1918. as the candidates for the Student Council election. One of these men will be elected by a vote of the student body at the mass meeting Friday.

Because of the serious illness of his mother, R. E. Velasco left for his home in San Luis, Potosi, Mexico, last Friday, after receiving a telegram from his brother in Waco, Texas. His brother will join him there. The hope of the Class of 1918 is that his mother will soon recover.

Members of the 1918 Class were glad to see of their old members, Snutz Miller, back this fall. He has joined the 1919 ranks.

Weimer has joined our class, coming from the Kansas School of Mines. He is a brother of "Judge" Weimer, '17.

E. C. M. Burkhart, ex-'17, is now with us, and will finish the first semester.

P. D. Kern was called in the first draft, and is now preparing to go to France.

H. T. Tao deserted us this year to go to the Michigan School of Mines.

E. E. Decker and wife have returned to Rolla. We are glad to see Deck back in the class rooms again.

Professors Maness and Flanders have charge of the mining department (mining lab) this semester.

A few of the men have so far arranged their schedules.

The whole class was glad to see Tom Dawson, ex-'18, Thursday afternoon, on his short visit here. "Scrub" was on his way back to Champaign, Ill., after a week's furlough. He just grad-

uated from the aviation corps, and expects to leave in a week for France, to complete his training.

Word was received from R. Chavez, saying that he would be back in school in a few days.

The Miners Are Dry on Sunday.

Can't some way be found to settle the drug store proposition concerning Sunday? It is hardly fair to the students to close the stores on Sunday, as this is the only day when they have nothing to do. With the drug stores closed, there is absolutely no place for the Miners to loaf. The Miner believes the drug store owners should reconsider their decision to close on Sunday. The students are to be considered, to some extent, at least.

Barnard has a "line" on a new society in Rolla. It was organized this summer for the promotion of social activities in Rolla during the winter months. Charley won't come across with any dope, tho.

Freshmen should not forget to tip their hats to upper classmen, and to walk in the street for two weeks.

Which is attracting more attention? The "Lindenwood" revival, or the "Smithsonian" picture house? Among the students it is 50-50.

Prof. Mann of the Metallurgy Department wishes to inform the public that he is not the Mann who is leading the singing at the Tabernacle.

The knights of the road or of the "tin can" have been decorating the campus and class rooms with their can and red bandana the past few days.

The Miner urges each alumnus to keep it informed of his whereabouts and work. Letters and articles written by alumni are desired for this publication.

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.

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F. H. Geib.....Associate Editor.
Geo. D. Clayton, Jr.....Assistant Editor.

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Junior Class.....E. E. Ashlock
Sophomore Class.....C. B. Hummel
Freshman Class.....L. R. Short

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Mass Meeting.

The Senior Class having charge of the meeting, President O. N. Maness, presided.

The student body elected W. H. Reber for Student Council to fill the vacancy made by O. E. Stoner.

Dr. A. L. McRae made a short address, and was followed by "Tommy" Dawson, ex-'18, now a member of the American Flying Corps. Dawson gave a very interesting and instructive talk on aviation, and the life and work of an army aviator.

Prof. R. C. Mann renewed his invitation to attend the Tabernacle, and urged the students of M. S. M. to participate in the meeting Friday night.

The meeting adjourned shortly before 12 o'clock.

L. W. Ehlers, ex-'17, writes from Duquoin, Ill., where he is employed as engineer for the Union Colliery Co.

Smokes for the Boys in France.

Good tobacco is very scarce and at a premium in the field "somewhere in France," so it is up to us here at home to help get tobacco to the boys who are protecting our freedom. The St. Louis Republic, thru arrangements with a large tobacco house and the government, has made it possible to send tobacco to France at a very low cost. We quote from the Republic:

The Republic tobacco boxes to be sent to American soldiers in France will contain 55 cents worth of tobacco, but will be supplied to The Republic Tobacco Fund for 25 cents. They will contain:

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A liberal price discount by the manufacturers, one of the largest tobacco companies in the world, and Government assistance in waiving the internal revenue tax, make this cut possible.

The Miner will gladly forward any donations to the Republic. You may designate the party to whom you wish the package sent and by enclosing a self-addressed stamped envelope you can be assured of an acknowledgement of the tobacco.

Last Monday, just as Evangelist John Linden got up and started to preach, some one in the Pi Kappa Alpha house began playing "Sit down; you're rocking the boat." It is claimed that the incident was not premeditated.

The enrollment still continues to grow. Last Wednesday the total enrollment was 195. Since then several more men have signed up.

JUNIOR COLUMN.

At the class meeting Tuesday night we elected for the year's officers:: President, Marston; vice-president, Moore; secretary, Weiser; treasurer, Nichols.

Several Juniors have developed bad cases of stigmatism since the opening of the Tabernacle. Perhaps it would be a good idea to have those cracks in the wall closed up.

"We will start out immediately to make as big a St. Pat celebration as possible."—Excerpt from President Marston's inaugural address.

A few old Miners have come back to school this fall and signed up as Juniors. They are: McKinley, Stephens and Miller.

On the football field we are well represented this year. Besides Captain Bruce, we have out this year Dowd, Pyror, Wilson, McKinley, Petsch, Owens, Ewing and Deckmeyer.

Prof. Becky Dowd, an eminent geologist, of Rolla, Mo., when called on for a definition of ground water, gives this: "Ground water is water in the ground."

Alumni Notes.

Mr. and Mrs. Edgar Summers, of Christopher, Ill., announce the marriage of their daughter, Mona, to Harvey Edson Smith, on Wednesday, September 5, 1917.

Mr. Smith graduated from the School of Mines in 1910, and since graduation has made a specialty of coal production. He will leave soon for Chili, S. A., where he will take charge of the development of some large coal properties.

Edwin R. Stanfield, '20, is in the U. S. Coast Artillery at Ft. Banks, Winthrop, Mass. He says "I like it fine there, and am anxious to go to France."

L. B. Schumaker will be back at school next semester.

The World's Largest Chimney.

Mining and Scientific Press.

The construction of a 570-foot chimney on a mountain top in a region of Japan that is frequently visited by earthquakes, presents an engineering feat of no mean magnitude. The necessity for intensive cultivation in Japan has made every square foot of soil of economic value to the welfare of the Japanese people, with the result that smelter-fumes are taboo.

The chimney, which is the highest on earth, was constructed by an American firm, the Weber Chimney Co., of Chicago, employing native Japanese labor exclusively, for the Saganoseki Refining Co., at Saganoseki, Japan, under the supervision of eight Americans. R. H. Steen, president of the Weber company, was personally in charge at the beginning of the work, which was completed under the direction of Charles P. Woodworth, vice-president of the company.

It is 570 feet high, 42 feet 8 inches outside diameter at the bottom, with an inside diameter at the top of 26 feet 3 inches. It is designed to withstand earthquake vibrations, and has a shell thickness of 29½ feet at the bottom, and 7 feet at the top. The reinforced concrete foundation rests on gravel on top of a mountain. The maximum bearing per square foot, under 100-mile per hour wind-stress, equals 6000 pounds per square foot. The thickness of the foundation is 17 feet. The diameter of the foundation is 95 feet, and contains 2711 yards of concrete. It required 30 days to place this foundation, working 24 hours daily. The total steel reinforcement in the structure weighs 530 tons, and consists of plain round-steel and square bars of American make. This steel was purchased in Japan from stock.

The chimney has a reinforced concrete lining to a height of 150 feet above the top of the foundation. This lining and shell are

separated by a 4-inch air-space.

The cement used was of Japanese manufacture and equal to that of American make. The mixture in the shaft was 1:2½:4; in the foundation, 1:3:5. Two sets of wooden movable forms were used which permitted allowing the forms to remain in place 24 hours after the concrete had been poured. A Smith mixer and steam-hoist, for mixing and hoisting the concrete, were used.

All the scaffolding was built on the inside, no outside scaffolding whatever being used. The contract was closed in February, 1916, and the chimney was completed in December of the same year.

The chimney is situated 2500 feet from the furnaces and at an elevation 430 feet above them, and is connected with a flue constructed of reinforced concrete running up the hillside. The flue is 30 feet in diameter.

Bill Taggart received a letter from Wayman Crow, last year's Miner's advertising manager, who is now in France with the 12th Engineers. He said his regiment is preparing to move near the front line trenches. He also asked to be remembered to all the fellows.

The Rolla Golf Club extends to the students a cordial invitation to become associate members, and have fixed the fee at \$2.50 for the balance of this year, ending Dec. 31st. Come and join us, and enjoy this popular game.

Right now is the time to subscribe for the Miner. It is the duty of every man in school, and of every alumnus. The Miner is printed for you, about you, and by you, so it is up to you to support it.

H. Aid writes from Canada that he will probably be back next semester.

Subscribe For The Miner.

SOPHOMORE COLUMN.

The Sophomores have returned full of the old "pep," and have initiated the Frosh into the Order of the Sacred Barrel Stave with due ceremony. After the usual battle in front of the chemistry building they again emerged the undefeated class of 1920. Owing to the new fight regulations, and the superiority and experience of the Sophs, the time of the fight was this year reduced to seven minutes.

"Fat" Laun, who has had blood in his eyebrows for the last two weeks, is about his natural self again.

The Sophs welcome all new men who have come here from other schools with Sophomore standing, into their ranks.

Bobbie Stubbs arrived in town over a week late this year. Wonder if that girl in Kingsbury Place could explain the reason?

Whittie is sporting a new wrist watch. What time is it, Whit? He also has the honor of being the object of a wrinkling demonstration for the Frosh.

The Sophomore Class hereby extends their most heartfelt congratulations to Brother Guber, who has during the summer promised to love, honor and obey a member of the fair sex.

THE FLAGPOLE.

Many have been wondering why we have no flagpole. The money was collected last spring, and thought to have been ordered by the Student Council. Thru a misunderstanding on the part of the dealer, the pole was not ordered until recently, and is now on its way.

A. Z. Dunham, '16, visited Rolla Tuesday. He is on his way to Birmingham, Alabama, where he has accepted a position as teacher of shop work in one of the high schools of that city. He has just come from Butte, Mont., where he reports there is great gobs of cold weather.

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FRESHMAN COLUMN.

About six o'clock on a memorable Sunday, the Class of '21 had its first eventful meeting at the Rolla Fair Grounds. For the first time in a week we slept on hard, but peaceful beds. Disturbed now and then by a distant howl or bark, which caused the whole class to shake. For verily it sounded like the soul-searching cry of '20, from the fatigue of the past week, so deep was our slumber that it took two Sophs to wake our ever watchful outposts.

We awoke to find a cold, clammy morning of the bleak world—at last the great day had rolled around. Great was the tension; we were at last to have our chance at the brutal Sophs. So great was the anxiety that our beloved classmate, Nudelman, volunteered to tell us a joke regarding a certain use of papers, whereupon we relieved the tension by wrinkling him in true Miner style.

Thru the kindness of our friend, Mrs. Denison, we poor, forlorn, motherless and unprotected Frosh were fed before the battle.

At 7:30 in the morning the mighty army marched upon the town. Our first conquest was the capture of two Sophs, whom with mercy in our hearts, let plead their way to freedom.

True to history, all great causes and campaigns are not always won, as Napoleon lost on the famous field of Waterloo, we lost on the famous chemistry campus where Frosh classes have met their Waterloo for years in the past.

Moved by the spirit of M. S. M., we took our defeat in proud and manly fashion, and then proceeded to entertain the crowd on Jackling Field. After our star performer and wit, the "Guy," had earned the applause of the multitude, we adjourned to "Hell"ers for our fried eggs, which now repose on the ex-

treme back of our heads.

Now that we are at last recognized as human beings, and a part of M. S. M., we will state that we are going to try to uphold the customs and traditions which have been taught so carefully to us.

Get a Single Man Next Time.

While Prof. Daniels was busily perusing a snappy romance printed in the original French or some other deep subject, at the noon hour Thursday, the new librarian, Miss Ethel Tiffany, slipped out and locked the door. Miss Tiffany then proceeded to her boarding house for lunch. During the course of the noon hour she learned that Prof. Daniels was married. Horrors!

Hurrying back to the library the prisoner was liberated.

Miss Tiffany declares she was not aware of the Professor's presence when she closed at the noon hour. Prof. Daniels blames it on his watch.

Introducing Coach McConnell.

The Miner wants to introduce to the alumni and all ex-M. S. M. men, our new and very efficient coach, McConnell.

Coach McConnell is a graduate of Purdue, class of 1914, with a B. S. degree in agriculture. His home town is just outside of Springfield, Mo., where he owns a large farm.

"Mac" went to Doane College in South Dakota, near Aberdeen, in the fall of 1914, to coach that institution in their athletics. Then to University of Arkansas, where he handled the coaching of the Razorbacks for two years.

He is a man who numbers his friends by his acquaintances, and is just as big in his ways as he is in size. He is here for the welfare of M. S. M., and with a little support, will put us on a recognizable standing in athletics throughout the state.

Subscribe For The Miner.

THE RECREATION OF NEW MEXICO.

....Contributed to the Miner by the M. S. M. contingent of the U. S. Geological Survey, stationed in New Mexico.

Signed.

C. E. BARDSLEY,
L. S. HARIOWE,
A. C. WILLIAMS,
A. L. ACKERS.

The devil in hell, they say was chained,
And there a thousand years remained,
He never complained, nor did he groan,
But decided to start a little hell of his own,
So he asked the Lord if he had any land.
The Lord said, yes, I have plenty handy,
But I left it all down by the Rio Grande.

In fact, old boy, the land is so poor,
I don't think that it could be used as a hell any more.
The devil examined it closely and well,
And decided the country too dry for a hell.
But the Lord, to get it off his hands,
Promised the devil he'd water the land,
As he had some water that was of no use—
Regular bug holes that
like the deuce.

So the trade was made, and the deeds were given,
And the Lord went back to his home in heaven.
And the devil said it was all he needed,
To start a hell, so he proceeded.
He scattered Tarantulas in all the roads,
Put thorns on the cactus, and horns on the toads.
He mixed the sand with millions of ants,
So those that sit down need half-soles on their pants.

He lengthened the horns of the Texas steer,
And put an addition on the Jack Rabbit's ear;
He quickened the step of the Bronco steed,
And poisoned the feet of the centipede.
He put Jahalota in all the lakes,
And under the rocks hid Rattlesnakes.
The wild boar roams through the chapparal,
And it is a damn poor place for a hell.

War Courses at Case.

The declaration of war brought about numerous changes in the Civil Engineering Course at Case School of Applied Science, says The Rose Technic. In place of the usual Mechanical Drawing, the lower classes are studying map sketching. The Junior Civils are also to do some map sketching, and, in addition to military tactics, they are to study another text, entitled "Engineering in War." The Mechanicals are studying the manufacture of shells and shrapnel. As in many other schools, the enrollment has steadily been decreasing, fifty men having gone on farms, while an equal number entered the Reserve Officers' training camps.

Class Gift Money at Springfield Normal Goes to Red Cross Fund.

The class of 1917 at Springfield Normal School, says the Southwest Standard, the student publication, has wisely decided that the funds ordinarily used for a class present shall be devoted to the work of the American Red Cross. As usual, each member will contribute one dollar. "We feel" says the Standard, "that since our school has given so large a proportion of its young manhood to the service of its country, our interest has become a personal one."

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Edward J. Bohn.

LAMBDA CHI ALPHA.

L. Scheurer.
E. Burkhardt.
R. Bruce.
A. Eulich.
H. Harris.
M. Dorris.
R. Place.
A. Laun.
F. Steffens.
A. Lewis.
P. Montieth.
H. Christy.
A. Needham.
R. Galpin.

GRUBSTAKER'S CLUB.

Geo. L. Triefenbach.
O. H. Gotsch, Jr.
F. W. Uthoff.
W. E. Oyler.
I. B. Johnston.
Kenneth B. Wilson.
Robert K. Stroup.
Harland Hoppock.
Raymond S. Weimer.
L. W. McKinley.
V. X. Smiley.
Hanley Weiser.
G. F. Rackett.
Chas. E. Elkins.
J. W. Lingsweiler.
George Colville, Jr.
K. G. Roe.
G. W. York.
Vern I. Keeter.

BONANZA CLUB.

H. W. Doennecke.
O. N. Maness.
L. H. Goldman.
D. A. Bash.
W. C. Durning.
K. F. Hansen.
W. F. Lottman.
G. W. Pryor.
B. E. Charles.
J. M. Forgotson.
J. H. Klyman.
J. G. Miller.
R. B. Wills.
B. H. Turner.
E. M. Guy.
J. C. Salmon.
L. R. Short.
McClarken.

BEANERY.

E. R. Housholder.
H. H. Armsby.
T. T. McConnell.
F. H. Geib.

PROSPECTOR'S CLUB.

E. E. Ashlock.
R. Chavez.
H. T. Combes.
L. E. Davidson.
F. Deckmeyer.
J. B. Duga.
W. H. Dunlop.
O. Goldsmith.
C. F. Howard.
H. W. Hurst.
R. G. Kasel.
H. T. Mutz.
B. Nichols.
B. Nudleman.
M. Shanfeld.
S. Shanfeld.
M. L. Tyrrill.
J. E. Webber.

CORSAIR CLUB.

H. E. Ahrens.
H. I. Albert.
S. R. Bowman.
J. Conrad.
J. Hodges.
St. C. Homer.
D. E. Huffman, Jr.
J. Kosby.
R. R. Miller.
S. Nevedowsky.
L. C. Owen.
A. H. Petsch.
D. C. Sheppard.
T. Stevens.

ENGINEERS' CLUB.

F. A. Krause.
H. W. Hurd.
G. S. Norville.
H. X. Norville.
J. R. Stubbins.
R. R. Hawkins.
H. R. Stahl.
Novak.
C. J. Uthoff.
Wallace.
E. A. Slover.
G. A. Kroenlein.
Mundt.
B. E. Sherman.
Wm. L. Niece.
J. L. Howendobler.