



05 Mar 1920

The Missouri Miner, March 05, 1920

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THE MISSOURI MINER.

Missouri School of Mines and Metallurgy, Rolla, Missouri.

Vol. 7, No. 26.

Friday, March 5, 1920. ✓

Price, 7 cents.

WHO'S WHO.

ST. PATRICK.

St. Patrick, the Patron Saint of Engineers, is a personage about whom many romantic legends have been told, but of whose life few facts are definitely known. Perhaps this is because he was a man of deeds rather than of words; so that although he left a short autobiography or "confession," it is concerned with his work rather than himself.

St. Patrick was born about 389 A. D., not far from Glasgow. His father was a deacon of the Christian Church, and a Roman citizen. His mother was a native of Gaul. Patrick was educated as a Christian but when 16 years of age he was carried off by a band of Irish marauders who were taking part in the raid of the Irish King Mall Hoigillack, who met his end in Britain in 405. He was held in bondage for six years. During this time he became subject to religious emotions, and beheld visions which encouraged him to effect his escape. He fled to the coast of Wicklow, and encountered a vessel which was engaged in the export of Irish wolf-dogs. After three days at sea the traders landed on the west coast of Gaul and journeyed thru a desert for twenty-eight days. On leaving the Mediterranean he returned to his home in Britain. It was while in Britain that the idea of a missionary enterprise in Ireland came to him. He left his kinsfolk and returned to Gaul

Continued on Page Ten.

W. R. I. REPRESENTATIVE TO BE SPEAKER AT LEG- ION MEETING.

The School Post of the American Legion will hold its monthly meeting Thursday, March 11th, at 7:30 P. M., in Parker Hall.

Mr. George Kelly, special representative, Treasury Department, Bureau of War Risk Insurance, will be in Rolla on this evening, and will take up and explain war risk insurance, its conversion, reinstatement. Back pay, mileage, and all other financial matters pertaining to the Government will be settled at this meeting.

"There is no armistice with death," and the insurance policies of several students will lapse in the very near future unless reinstated. Do not throw away valuable rights. Come to this meeting and find out if the U. S. A. owes you anything. This may be your last chance to settle matters that have been troubling you for some time. COME.

Terpsichore called up Venus over the Mt. Olympus party line. "Got a date tonight?" he asked. "Why yes," she said. "I'm going with Apollo to the Sixth Big Miner Dance."

MR. GRANT SHEPHARD HERE FROM SOUTH AMERICA.

Mr. Grant Shephard, representing the Guggenheim interests in South America, was in Rolla last Wednesday in search of men desiring positions with the Chile Exploration or the Braden Coper Companies. He

Continued on page four.

MINERS WIN TWO GAMES IN WEEK.

The Miner basketball team of Coach Dennie counted twice during the last week in the winning column, bringing the total of games won to three for the season. Last Friday night they took a hard-fought game from William Jewell at Liberty, 30 to 28. Wednesday night they repeated the performance here with Drury to the tune of 21 to 19.

Both games were tight. The Miners led by but two points at the end of the first half of the Jewell game. Wright was "right," and feeling better than he had in any of the previous games of the trip. He counted three baskets in the first half and four in the second, being the big point producer of the game. Harris came through with three baskets, while Signer hooked two, and dropped in four free throws. Bulger also counted, adding another two points to the Miner total; but he and Capt. Bohn were too busy putting up one of the best exhibitions of guarding seen during the season to do much scoring. Rohloff was not in the game; in fact, he was laid up with lumbago during the trip, and did not participate in a single contest.

Miners Come From Behind to Win Wednesday.

The game with Drury last Wednesday night was one of the best games played here this season. The home crew showed the old fighting Miner spirit by coming back from behind at the end of the first half and taking the game with a bare two-point margin. Bulger

had to leave the game with five more minutes to play in the second half because of personals, showing the fighting spirit that prevailed.

When Pat Murphy's whistle ended the first half the Springfield aggregation were just five points to the good, 12 to 7. Harris and Signer had each counted a basket and the latter had dropped in three free ones. However, the five silver shirts were playing a great defensive game, which finally wore down the offensive for Drury, who made but one basket, a fluke, in the second half, while Wright and Signer dropped in two apiece, and Eddie Bohn ran the ball up the floor for another counter. Four of the free variety by Sig brought the Miner count for the half to fourteen.

The Games Next Week Last of Season.

The last two games of the Miner schedule will be played here next Wednesday and Thursday nights with Springfield Normal. Normal has a fairly high standing in the Conference, and these two games should show some of the fastest basketball seen here in a long time. The Miners seem to have finally struck their stride and, playing on the home floor, should show Springfield some real basket shooting.

Summary of the Drury game. Substitutions, Rohloff for Bulger. Field goals, Wright Harris 1, Signer 3, Bohn 1, Thompson 1, Miller 3, Hedges 2. Free throws, Signer 1, Miller 7. Fouls, Wright 3, Signer 4, Bulger 5, Morris 4, Thompson 3, Miller 1, Hedges 3.

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CAMPUS OR CATTLE YARD

If you want to see a picture comparable to a thriving barn yard in which a herd of wild cattle have been loosed, just place yourself at the corner of 13th and Main Streets about noon on any school day, and observe how the intelligent students of M. S. M. precipitate themselves out of the various buildings onto the campus. One would think that the majority of students would know what a walk was, but evidently they do not, because they shy away from anything like a cement walk, as though it were a sacred piece of porcelain. We often hear of "Campus Crosses," but there "ain't no such animal" at M. S. M., because we just wander about over our compus as though it were a hog wallow. And a hog wallow it will be, in a few places at least, if the practice now in vogue is continued.

When the Freshmen leave the Chem. Building do they take the walk? Not on your life! Mud or no mud, they flounder out onto the grass with their No. 12 hobs, until at present that strip of campus directly in front of the Chem. Building looks like a miniature shell torn battlefield. But the Freshmen are not the only grass violators. The Sophs, Juniors, and even dignified Seniors are equally guilty. This is not the only place on our campus that is being ploughed up. The ground to the south of Parker Hall bears the pock mark of many a Miner's hobs. From the side door a path has been cut to the rear entrance of the Met. building, while another leads diagonally toward town. We do not need any "Campus Crosses" at M. S. M., because we have walks that provide all the necessary lines of communication between the various buildings. So why cut up what can be made a beautiful cam-

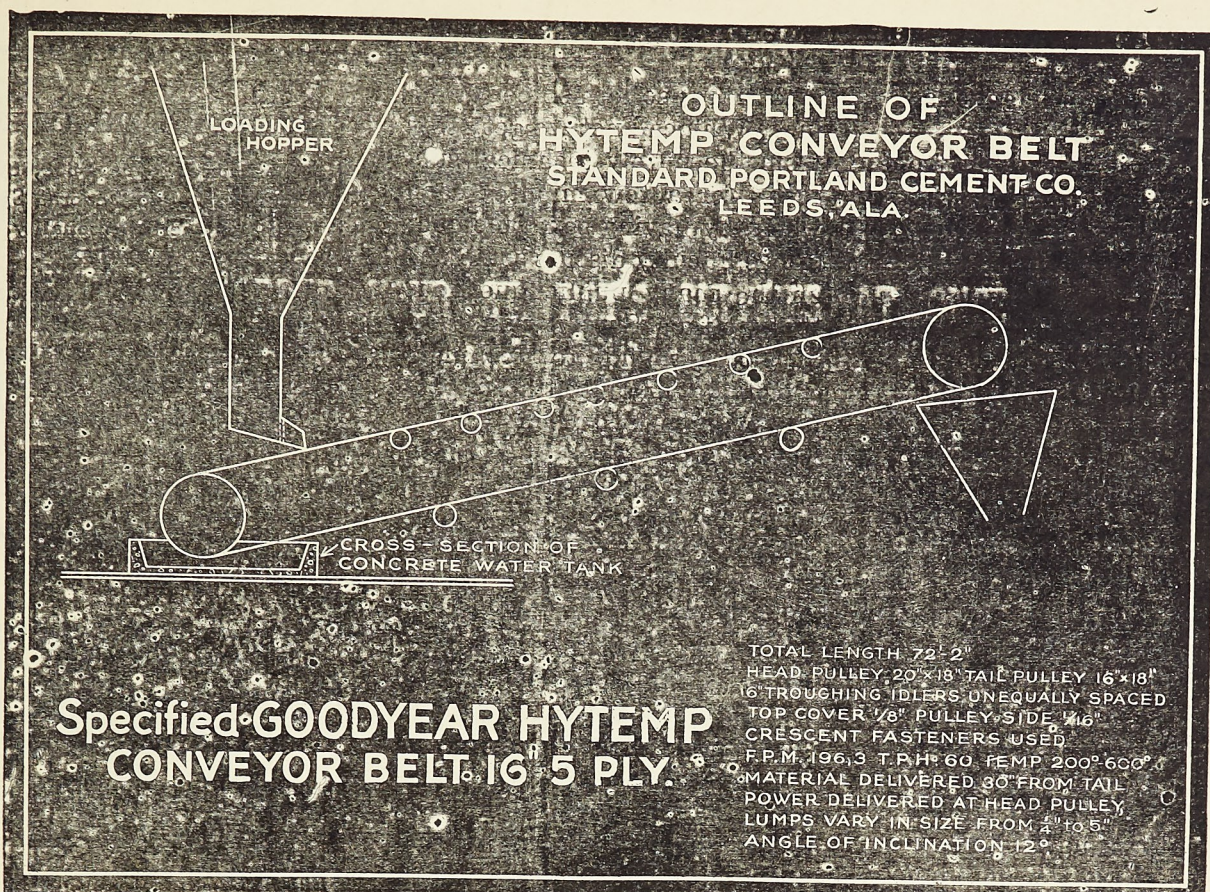
pus? We know that every Miner sees the logic of keeping off the grass, and with the slightest forethought on the part of each individual it will not be necessary to take any drastic action. If the student body does does not take pride in keeping the campus in a half respectable condition, who will? There are a few who will, perhaps, insist on taking a short cut, but a timely application of "sand and cinders" should soon convince them that "Keep Off The Grass" means exactly what it says. Let us adopt, "Keep Off The Grass" as a warning, and Wrinkle! Wrinkle! as a war whoop! And let's whoop, too, if necessity arises.

Just as a suggestion, then, it might be well to mention that there are various places on our campus that need to be cleaned up. Cleaned up, or fixed up. We have a nice big RUSTY roller out on the track that could easily be used to advantage in smoothing down a few of the ruffled places. Now why not place it at some handy spot on the campus, and those few who insist on taking to the grass instead of to the walks, be made to pull it around after them. Why not?

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Hot Clinker, a Conveyor—and the G. T. M.

Hot cement clinkers, 200° and over, to be carried from open storage to the grinding mills, were the crux of the conveying problem put up by the plant superintendent to the G. T. M.

The G. T. M.—Goodyear Technical Man—gave that situation expert study embracing every process in cement manufacture at the plant of the Standard Portland Cement Co., Leeds, Ala. He realized that here was an unusual problem. The clinker could not be cooled sufficiently in the processes previous to conveying. The best thing to do would be to provide some means of cooling it as it came onto the belt.

So he made two recommendations: a heat-resistant Goodyear Hy-Temp Conveyor Belt, known to be capable of withstanding as much as 200°; and a cooling vat through which the belt might run as it struck the tail pulley, and come up dripping with a film of cold water that would cool the clinker dropping from the hopper. Both recommendations were approved.

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Working with your own plant superintendent, the G. T. M. can make an analysis that assures intelligent specification of the belt to the duty required. The G. T. M.'s services are yours without charge or obligation. If his suggestions and the Goodyear Belt he recommends prove as valuable in your service as in the instance cited here, and in hundreds of similar cases the country over, our return will be amply guaranteed by your satisfaction.

THE GOODYEAR TIRE & RUBBER COMPANY
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GOODYEAR

-- Continued from Page One.

spoke to those interested from ten to eleven o'clock Wednesday, describing the living conditions, the salary, and the country is general which would be encountered by any one accepting a position with either of the companies which he represented. In the afternoon he interviewed individually those who still thought they would like to go to Chile or Bolivia. Several took applications, and are considering the contracts offered. Mr. Shephard was especially in search of ten mining engineers, ten mechanical engineers, ten metallurgists, and ten electrical engineers, having recently received word from South America that the companies there were in immediate need of these men. Any one who was unable to hear Mr. Shephard's talk or to see him in the afternoon may obtain information by writing him at 120 Broadway, New York City, care of Chile Exploration Co.

MASS MEETINGS.

It is indeed unfortunate that our first attempt at a show of pep should be marred by a difference of opinion as to the desirableness of the method used. The Mass Meeting last Friday, in charge of the Freshman Class, was about the first evidence we have had this year of class spirit. The Freshmen gave their little farce, with no thought of gross vulgarity, and far from any idea of personal malice. Altho their efforts to put a little interest into our Mass Meetings were misconstrued in some instances, there is no reason to place any drastic rules and regulations over class spirit. Class spirit, and what is still worse, school spirit is at such a low ebb now that any throttling device will kill it entirely. We are well started on the road to a series of interesting Mass

Meetings; so let us keep it going. Why can not we get away from the purely technical subjects, for a few minutes each week, by having some member of the Faculty discuss some one of the many public questions that we face. Surely we are not so hide bound to technical things that we aren't interested in national topics.

SOPHOMORE.

In Regard to Class Meetings.

Is there such an animal as a Sophomore? If so, where in H— is he? Have we any class spirit? If the Sophomore class meetings are at all indicative, there isn't a Sophomore Class, and consequently there can not be any class spirit. Since so few have attended class meetings we wonder if you know that St. Pat's is just two weeks away; that the Sophomore Class is to put on five floats; that YOU are on one of the five committees that must build one of these floats; and, as yet little has been done toward even getting ideas, just because YOU never show up when the class meets, or your section meets? Let's have a class meeting, and get acquainted, not only with each other, but with the problem of handling St. Pat's next year. You know you'll be Juniors, or at least third year men in 1921, so why not pep up and have a real start for next year.

We can put on our quota of floats with almost no preparation, or spend a little time on them, and make them the best in the whole school. Let's put over something good.

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And it was Drury, our ancient rival, that we walloped. It made Drury dizzy when the Miners came from behind and assumed the lead shortly after the opening of the second half. Once in the lead the scrappy Miners could not be overtaken.

Drury drew first blood by scoring a field goal within the first minute of play.

"Little Doc" Turner's usual entertainment between halves was a missing feature of the game.

Four Drury rooters showed some pep by bumming up to see the game. They also showed plenty of pep at the game.

The old saying, "After a battle, a storm," seems to hold good, judging by the storm which is now raging, and which has followed closely after the Miners-Drury fray.

The Miners displayed good form and some splendid team work. At last they have hit their stride, and they should win the remaining games.

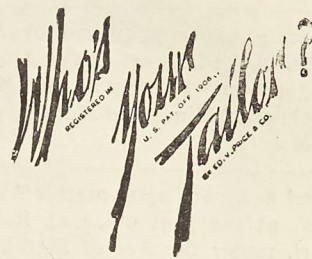
The game was full of thrills, and the kind that makes us happy after the game. A large delegation of students put on an old-time down town celebration.

**R. O. T. C. INSTRUCTOR
DIES IN HOTEL FIRE.**

Regimental Sergeant-Major Garfield Rosenthal, R. O. T. C. instructor at the School of Mines, perished in a fire which destroyed the Rhodes Hotel, at Hennessey, Okla., last Monday night.

Rosenthal died in flames when he re-entered the burning building in an attempt to save Mrs. Lou Armke, his mother-in-law.

Sergt. Rosenthal served overseas with the 7th Engineers, and took part in several big offensives. On his return from France he was stationed at



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Camp Humphreys, Va. About three weeks ago he joined the local R. O. T. C. unit.

Sgt. Rosenthal was well liked and respected, and was the friend of all the cadets.

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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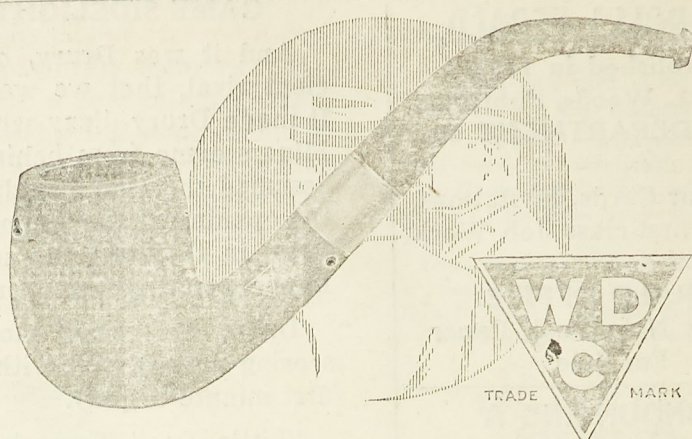
Issued Every Friday.

Subscription price. Domestic,
\$1.50 per year; Foreign, \$1.75; Sin-
gle copy, 7 cents.

RANK!

Some of us are rank, others are ranker, and still others are rankest. But the question which is uppermost in every one's mind is, "Which am I?"

Last week our parents received a neatly arranged report card containing some six or eight columns, each column having a heading, and a number of figures and letters representing a grading system which has been in vogue here for the past half year. This week the post office doubled its working force to take care of the unusually large amount of mail from home. The majority of these home letters contained questions about how the students were getting along in school.



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There were also several boxes of cakes and candy, sent to students whose report card showed figures of eighty-five or more. A number of them received encouragement from fond parents and the request to raise their grades from seventy to ninety. Of course we at school know that eighty in the rank column is nothing to be proud of. However, those at home, in spite of the word of explanation they received with the report, are in doubt as to just what sort of work the men at school are doing.

The object of any grading system is to give a clear and instant impression of the standing of the students in their different courses. Our present grading system has clearly evidenced its inability to do this. So far its chief value has been to puzzle the students, and to cause the professors increased work in making out grades. The chief objection held by the Faculty to the old grading system was the excess credit. The chief objection held by the students was the negative credit. Why not compromise and have merely a "Pass" and "Fail" sys-

tem in which the student must make a certain numerical grade to pass a course? This would certainly simplify matters and give a concise representation of a man's work.

As a matter of curiosity, the Miner would like to conduct a straw ballot, and we earnestly request that every man who receives a Miner cut out the following ballot, fill in the spaces and put his vote in the little box inside the door of Norwood Hall by the mail box.

I favor (oppose) present system.

With changes (favor) (oppose)

What would you substitute?

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OUR CHOICE FOR PRESIDENT.

Straw Ballot to be Taken by Tau Beta Pi Fraternity.

Prompted by the unusual interest that has been occasioned by the almost certain entrance of Herbert Hoover into the Presidential race, the local chapter of Tau Beta Pi will conduct a straw vote to ascertain what the opinion or choice of the Missouri School of Mines is.

It is asked that any man in the student body who cares to, will turn in to some member of Tau Beta Pi the name of the candidate that is his choice, so that the names of all the possible candidates will be placed on the ballot. These names must be turned in before Wednesday, March 11, at 6 p. m.

The ballots will be distributed and subsequently collected at Mass Meeting next Friday, and the result will be announced in

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the Miner.. Each ballot will be numbered, and each man must sign his ballot in order for it to be valid. Who's your choice for President? If you have one get out and boost for him!

SENIOR.

One of the Seniors conducted a series of experiments to find out how many anti-prohibitionists there are in school. He found twenty-two before the vinegar ran out.

"Cicero" Williams, once our famous Potash King, was seen down town at least three times this week. We wonder what caused such great activity?

Prof. Forbes: What is a mine?

K. M. Wright: A hole in the ground owned by a liar.

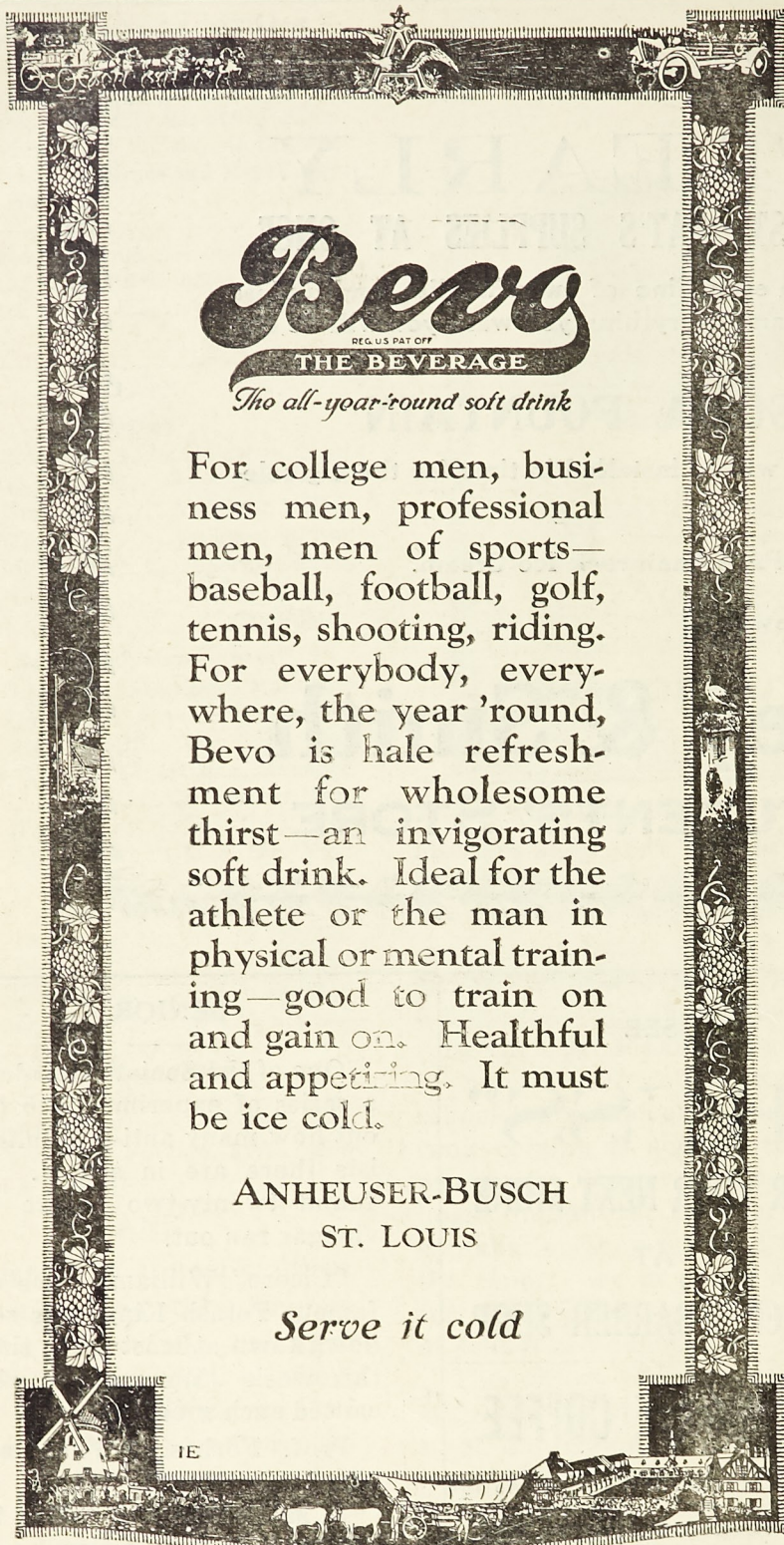
Dr. Turner: What is that awful odor?

Howald: It must be "Red" Badollet.

The Met. Department still continues to knock the student off.

We fear that M. S. M. will soon degenerate into a military school for metallurgists.

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FRESHMAN.

Sunday, March 14, has been designated Shillalah Day; at which time we shall become bushwhackers.

Murch reports that 24 men have not yet paid their class dues. It is rather embarrassing to have to ask repeatedly for the two bones, but it is more embarrassing to the class fund to be without the money. If you have not yet paid, show the proper spirit, and pay up before the 10th instant.

Dr. Barley has announced that an unannounced quiz is due any time for Section B English.

Charley Lewis, who underwent an operation at St. Anthony's Hospital, St. Louis, last week, is rapidly recovering, and will soon be able to leave the hospital.

Mister Reeves has shown unusual interest and special attention in the English recitations this week.

Jimmy Harris played his usual scrappy game against Druery.

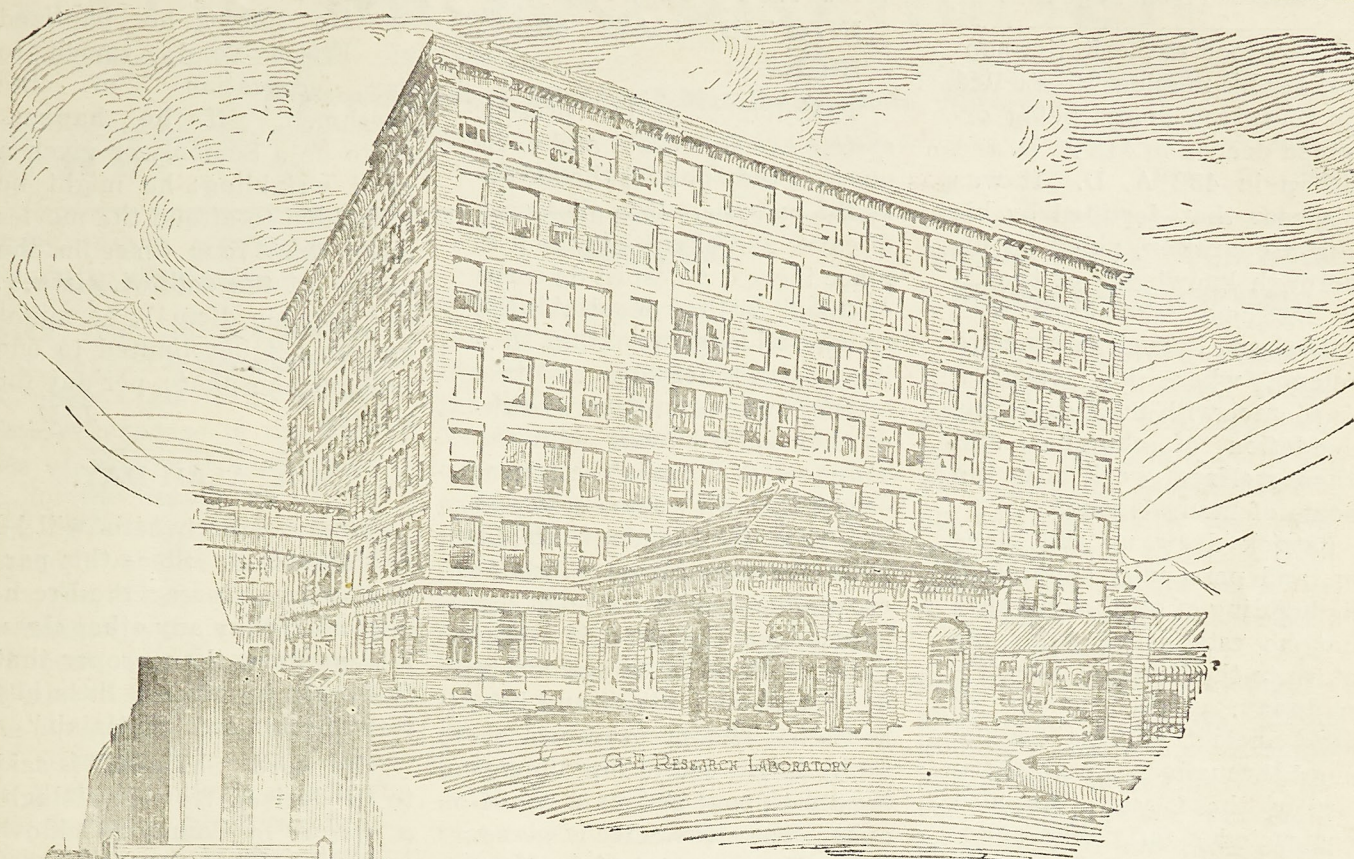
At a class meeting Wednesday evening the St. Pat's float committees reported that very favorable progress is being made toward the preparation of the floats. Some more suggestions are needed on some of them, and now is the time to spring them. Don't be backward.

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In the laboratories are employed highly trained physicists, chemists, metallurgists and engineers, some of whom are experts of international reputation. These men are working not only to convert the resources of Nature to be of service to man, but to increase the usefulness of electricity in every line of endeavor. Their achievements benefit every individual wherever electricity is used.

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Continued from Page One.

and obtained authoritative support for his mission. He studied for seventeen years, being ordained deacon in 418 A. D. and Bishop in 432 A. D. It was this year that, fortified by his long preparation, aided by his thorough knowledge of the Irish language, and filled with enthusiasm, Patrick returned to Ireland, where his journeys, his contact with the Druids, his foundation of churches and other welfare work are the theme of many legends.

Patrick drew up the plans for, and personally supervised the building of all the churches that he established after his return to the Emerald Isle. Even today, crude remains of these ancient edifices can be found throughout the northern part of the island. He also constructed a forty mile aqueduct to supply suitable water for a village whose water supply had previously consisted of water from stagnant pools.

It was largely thru necessity that Patrick had to resort to his engineering knowledge, for the people of Ireland at that time had been in the habit of being mystified by the Druidical priests of the more ancient faith. These Druids being great magicians, would have been formidable antagonists to any one of less scientific ability than Patrick.

From the foregoing then we may conclude that history proves that St. Patrick was an engineer in his day. For this reason he has been accepted as the Patron Saint of the Engineers, and it is to his memory that the students of the Missouri School of Mines pay homage with their spectacular celebration on St. Patrick's Day.

GOOD THINGS TO EAT

Rolla Lunchery

GEO. CRAGLE, Prop.

WHY NOT PUT SOME PEP INTO THE MASS MEETINGS.

The defects of the present system are so blatant and obvious that they pollute the air over the campus. It is all a case of cause and effect. In the first place there is no esprit de corps or "pep" in the school. All the rough, whiskey-drinking Mining Engineers of song and tale are gone and are no more; either they passed away with the coming of National Prohibition, or else they all went to war and lay now in Flanders Fields, where poppies grow. Without esprit de corps no school can hope to be any good in word, such as Mass Meetings, or in deed, such as football and basketball. The programmes offered each week at Mass Meetings are poor; and as a consequence the attendance is worse.

To have successful Mass Meetings there are three essentials which must obtain: first, there must be a good attendance, otherwise there is no "mass," and the meeting is not representative of the school as a whole; secondly, there must be a good programme furnished to hold the audience and make the meeting attractive enough to draw a crowd the next time; lastly, there must be some money on hand to boost with.

Some good might be done by fixing the responsibility for the success of each meeting on ONE man. The president of each class might appoint a man when it was that class's turn, giving the man one week's notice. Or else the Seniors might take it in turn to run each meeting; in this plan every man in school would have a whack at it by the time he graduated. At any time that a meeting was a dismal failure, the responsible man might be penalized, unless he could produce, make up, or offer, a good and sufficient ex-

cuse duly made out and sworn to. He might be baptized in Frisco Pond (much to the edification of the Freshmen, if he happened to be a Senior), or given a good wrinkling; he might be forbidden to attend the movies more than four times in the course of the following week, or (horrible dictu!), he might have his liquor limited to one soda, or phosphate, per day for a week.

J. M.

SHILLALAH DAY.

Sunday, March 14th, will be Shillalah Day. Since this particular day interests the Freshmen more than any other class, it is no more than proper that the Frosh be given a little history of the word "Shillalah."

The word "Shillalah" is said to be derived from Shillelagh, a barony in County Wicklow, Ireland, which county is famous throughout Ireland for its famous oaks. The Century Dictionary defines a Shillalah as "an oak or black thorn sappling used in Ireland as a cudgel."

The custom at M. S. M. of setting aside the Sunday before St. Pat's as Shillalah Day originated the year of the second St. Pat's celebration. On this day the Freshmen, for the greater honor and glory of that dear old Saint of the Emerald Isle, go forth into the jungles and gather shillalahs for the entire school, so that on St. Pat's day a truly royal Irish welcome may be given the Engineer's Patron Saint.

It is hoped that President Zoller of the Freshman Class will see that this tradition will again this year be faithfully observed. It has been suggested that in front of Parker Hall at 10 o'clock Sunday, March 14, and go forth in a body.

Freshmen, be sure to have shillalahs a-plenty for the big day.