



14 Nov 1927

## The Missouri Miner, November 14, 1927

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# THE MISSOURI MINER.

Missouri School of Mines and Metallurgy, Rolla, Missouri.

Vol. 14.

Monday, November 14, 1927

No. 9

## R. O. T. C. INSPECTOR VISITS LOCAL UNIT.

Major Palmer, of the 10th Corps Area, spent last Thursday here looking over the work of the R. O. T. C. of this school. He took the opportunity to talk to some classes concerning R. O. T. C. work. The present national army is but a mere handful of men, and the main part of the army we would finally raise would be built around the Reserve Corps, of which the R. O. T. C. is an important source. Due to age limits, etc, the Reserve Corps is losing men continually, and it is up to the R. O. T. C. to fill the gaps. A little time spent keeping up the work after graduation will be amply repaid in case of war, for men with more training will get good places. The way to get out of compulsory training, said Major Palmer, is not to complain about it, but to induce Congress to repeal the law which makes military training compulsory in our schools.

Major Palmer was favorably impressed with the work of the local unit.

## AND SO WE QUIT.

The latest stir upon the campus this week is the break of relations with Springfield Teachers College in football. Trouble has been brewing for some time between the two institutions, and the matter has at last come to a head, where it is being thoroughly discussed.

It has been the custom of the State Teachers and M. S. M. when making up the contract to include clauses that read as follows: "He shall not be a post-graduate student, nor shall he play more than four years in the aggregate." "Any student transferring from another institution of equal rank shall not be eligible to compete in athletics until he has been a student in residence 18 weeks at the institution to which he transferred and fulfills other eligibility requirements."

It is here that the trouble rests, since Coach Dennie has obeyed these rules in playing of the Thanksgiving classic, while Coach A. W. Briggs,

Continued from Page One.

## MISSOURI REFRACTORIES ASSOCIATION TO MEET IN ROLLA TUESDAY.

The Missouri Refractories Association, whose membership is composed of all the refractory manufacturers of the state will meet in Rolla Tuesday for their next regular meeting which will be a joint meeting of the Association and the staff and students of the Ceramics Department and the Clay Testing Laboratories.

This is the second meeting of the Association to be held in Rolla and a full representation is expected at this meeting.

A luncheon is to be held in the Methodist Church in conjunction with the meeting to which all the Ceramics students are invited to be present. The purpose of the meeting is for the mutual benefit of the Association and the Department of Ceramics. It is the first opportunity for all the members of the Association to visit the School of Mines and inspect the newly created department of Ceramics, which is being sponsored by the clay industry of the state.

The Association will be represented by officers and officials of the different companies of the state engaged in the manufacture of refractories. Some of the Companies that will be represented at the meeting are: Laclede Christy Co., St. Louis, Walsh Fire Clay Products Company, Vandalia, Mo.; A. P. Green Fire Brick Co., Mexico, Mo.; Evans and Howard Co., St. Louis; Wellsville Fire Brick Co., Wellsville, Mo.; Farber Fire Brick Co., Farber, Mo., and Fuller Fire Brick Co., Fulton, Mo.

It is hoped that the Association will choose to hold other meetings here in the future.

## GRUBSTAKERS AND MERCIERS BATTLE TO SCORELESS TIE ON SUNDAY AFTERNOON.

The annual football classic between the Merciers and Grubstakers ended in a scoreless tie.

The Grubstakers easily outplayed the Merciers, but were unable to count, even though they carried the ball to the Mercier's three-yard line.

Continued on Page Nine.

## MINERS 18, DRURY 7.

For the second time this season the "Golden Jerseyed men from Rolla" turned in a victory, this time a very decisive one, due to the fact that the victors were always in the lead and the opponents never were dangerous. The Miners were backed to their 7-yard line, however the Miner line held like a stone wall, and consequently all hopes of making gains via end runs or line smashes were for naught.

The danger threat that the Panthers held over the Miners was via the aerial route, which incidentally was the way the Springfield aggregation procured their score. However, let it be known that the Drury squad was in fine fettle, and gave the secondary defense something to think about when passes were flung to Panther wingmen. In the way of first downs, the Miners made six compared with the opponent's four, the majority being made on aerial plays, one for 20 yards and one for 30 yards, the latter culminating in a touchdown for Drury after De La Porte ran 45 yards for a score.

The matter of personal playing was especially noticeable. The Drury men, Walker, De La Porte, R. Davidson, and Patterson, were the stellar members of the Panthers' team, and made themselves felt in the plays in which they were involved.

The Miner men did themselves proud by their alertness on miscues or chances to break up plays of the opposing team. Kjar broke into the limelight in this contest by his good playing and his watchfulness for opportunities to make good returns of the ball. Kjar robbed a Drury pass and ran in the general direction of Drury's goal 50 yards for a touchdown, and generally was the downfall of the Panthers. He also carried the ball over the line for the first score of the game after Sharp brot the ball to the one-foot mark. Ledford as per usual played his stellar game, with his punting and lugging the ball for gains. A stiff wind gave Monte some trouble with punting, but even then the majority were good for 40 yards. Bill Sharp gave a very ex-



cellent account of himself in toting the pigskin. To give Bill the ball was usually good for a healthy gain.

McCormick turned in a good day's playing in this contest. The combination, Ledford to McCormick, were the cause of the second Miner score, with a 35-yard pass that "Mac" romped over the final marker.

When the game was fairly well on ice Coach McCollum gave the youngsters of the team a chance to do themselves proud, each and every one taking advantage of the fact, and good reports were turned in from all.

in the bottom of the pile when losses

Ray and Niedermeyer were usually for Drury were noted, both men giving excellent accounts of themselves.

For the Drury team the pass combination, Bowman to De La Porte, as it has been said before, worked well. After the resulting touchdown from their efforts, Talbot kicked goal for the extra point. A bad wind caused trouble in these kicking of the Miner goals, and hence passes were resorted to, but were failures.

Line-up:

Ray .....re.....Long  
Bo'lon' .....rt.....Tenn'es  
Tucker .....rg.....Elbert  
Young .....c.....Decker  
Lacy .....lg.....J. Davidson  
Johnson .....lt.....Moseley  
Kelly .....le.....Evans  
Kjar .....lh.....Patterson  
Ledford .....qb.....R. Davidson  
Sharp .....rh.....Latimer  
McCormick .....fb.....De La Porte

Substitutions: Niedermeyer for Kelly, Shearer for Johnson. Lampe for McCormick, McRae for Ray, Kelly for Niedermeyer, Reid for Kjar,

Officials: Kelley, referee; Brick-  
enbauer, umpire; Jackman, head  
linesman.

#### AND SO WE QUIT.

Continued from Page One.

of State Teachers, has in the instance of the Neale brothers violated them. It has also been said from the M. S. M. side, that any attempt of Coach Dennie to run in so-called ineligible men after Coach Briggs has done so, also brings an ultimatum from Springfield—no play or no game.

It seems slightly unfair to the Miner team to allow opposing teams to play ineligible men under threat, and it is a good thing this has come up in order to settle it for once and for all.

After the showing Springfield

made against Cape Girardeau last Friday, even though the Teachers won 6 to 0, it is only natural that they try to cut down the stars of the Miner line-up as much as possible.

Coach Briggs wants the Miners to abide by M. I. A. A. rules, but does not wish to do so himself. It is no more than right that the break should come.

Scores of previous games with the Teachers.

	Miners.	Bears
1910 .....	24	0
1915 .....	51	20
1919 .....	32	0
1920 .....	33	15
1921 .....	66	6
1924 .....	10	13
1925 .....	13	7
1926 .....	21	0

They're quite decisive.

#### THE MINER BOARD.

Why not try out for the Miner Board? In the first place remember that there is a place on the board for the mediocre, but there is no place for the chap who is all for the lines of least resistance.

There is certainly not a man in school who has not publicly cursed Rolla and its environs for the utter lack of interesting events it displays. Now this is a result of ennui and ennui may be combated in only one way—by forgetting the every day grind. This may be accomplished by either getting very drunk or by keeping so busy that boredom does not creep in. The first is deuced expensive, particularly near the end of the month and the second is preposterous if one busies oneself with studies. Therefore why not take part in the extra curricular activities. The teams, if you are athletically inclined or the board if yours is a literary turn. Why not try it?

Don't get me wrong—if you are one of those who can stay gloriously lit; power to you—and God how we envy you. Or if you are one of those perfect students who can be utterly content with studies; power to you—but God how we pity you! On the other hand if you are one of those who fall in neither of these two classes here is a chance to escape the dreadful boredom of life in Rolla for at time at least. Why not take

advantage of it?

Why not try out for the Miner Board?

CONTRIBUTED.

#### WHAT STAND DO YOU TAKE?

Some people call it hard-headedness, others call it narrow-mindedness, that which some others call self determination. Perhaps it is, but is it not also an attempt to follow ones own convictions?

It is not unusual to hear nationally known leaders, working with the youth of today, plead with them to follow their own convictions, to live up to their beliefs and ideals, in order that their lives might be more beneficial. Yet quite frequently we find some one, too often a student, who has no convictions to live up to.

The four years spent in college is an ideal time to form opinions. Students are often brought into contact with perplexing problems, which call for a definite stand.

Unless the students in college do take in regard to certain things they decide upon the stand they are to have failed to secure the best of the opportunities.

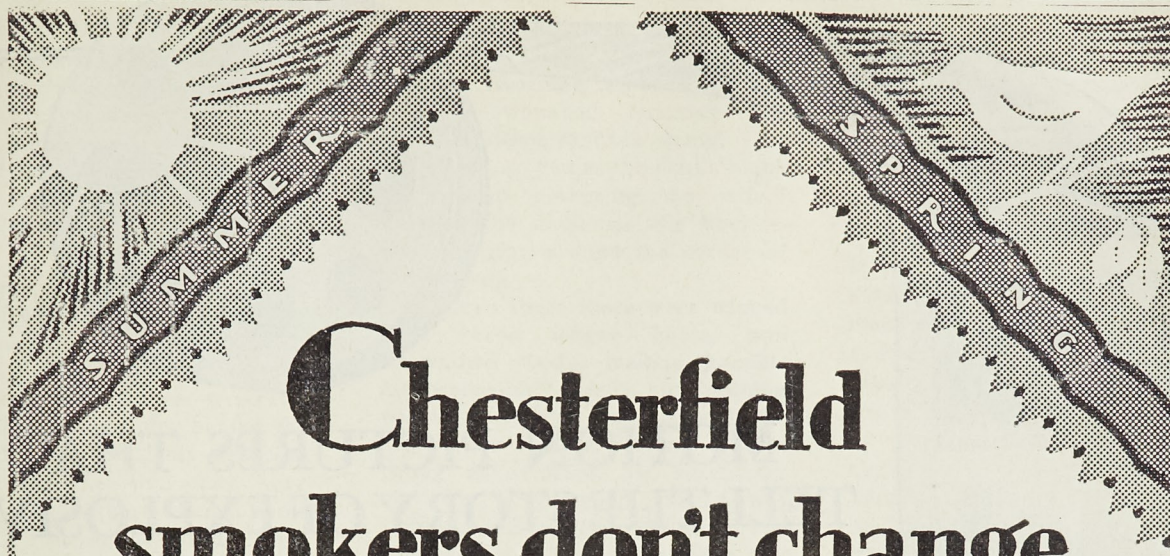
Take a stand and stick to it!

A promise is a sacred thing—not all of us realize the importance of keeping a promise. If our honor means anything at all to us, we do not carelessly give our word and then forget all about it. Once we have said a thing definitely we should stick to it; for someone else may be depending on it. Sometimes we say we will do a thing, and fully intend to do so at the time; but without thinking about it again we go on our way. Then another is disappointed. Even though we are sorry and try to make amends for our forgetfulness; still the fact remains that we have broken our promise and the one who has been slighted has lost just a little of his faith in us. It would be too bad for people to have to say that we could not be relied upon. We should feel very badly, and all because of our thoughtlessness. It should not be hard to remember to keep a promise, and when we think how much a promise means we might be a little more careful in fulfilling it.—Exchange.

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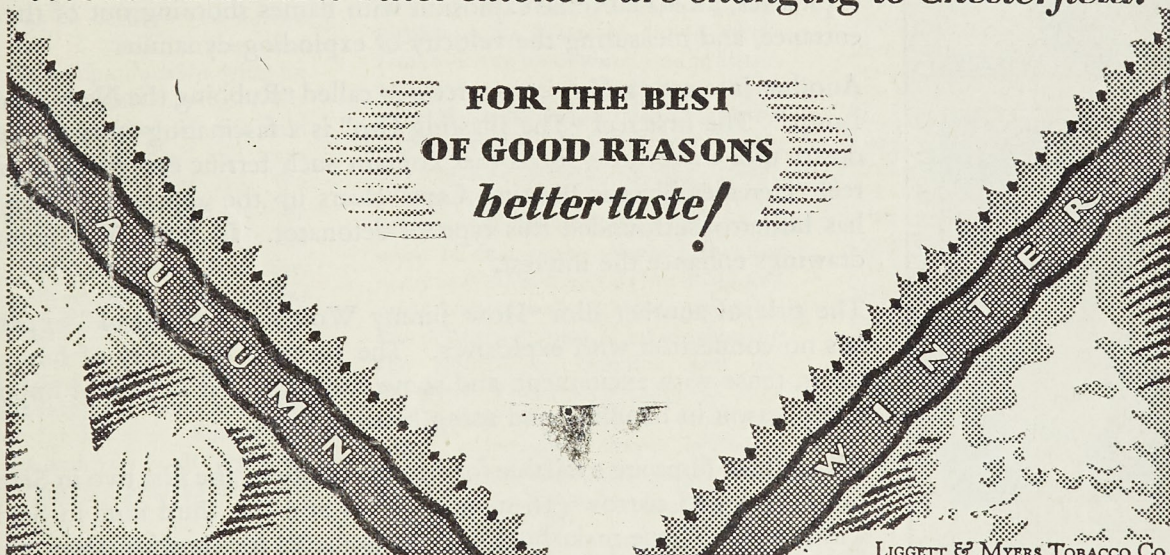




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### MEETING OF IRA REMSEN SOCIETY.

Due to disagreeable weather, the attendance at the gathering of the

Ira Remsen Society on Monday, Nov. 8, was not so large as it might have been, but still amounted to twenty-five, including the visiting

metallurgists. Prof. Clayton gave a fine lecture on structure of metals and alloys, using graphs and slides to bring out his lecture more clearly. He showed how small portions of one metal alloyed with another will give the latter different characteristics, which are reflected in a change of structure as viewed through the microscope. By use of slides he showed some very interesting changes in structure of metals which may be occasioned by annealing. Following the lecture sandwiches and coffee were served to a surprisingly hungry crowd, and the meeting was then adjourned.

## Lyric Theatre

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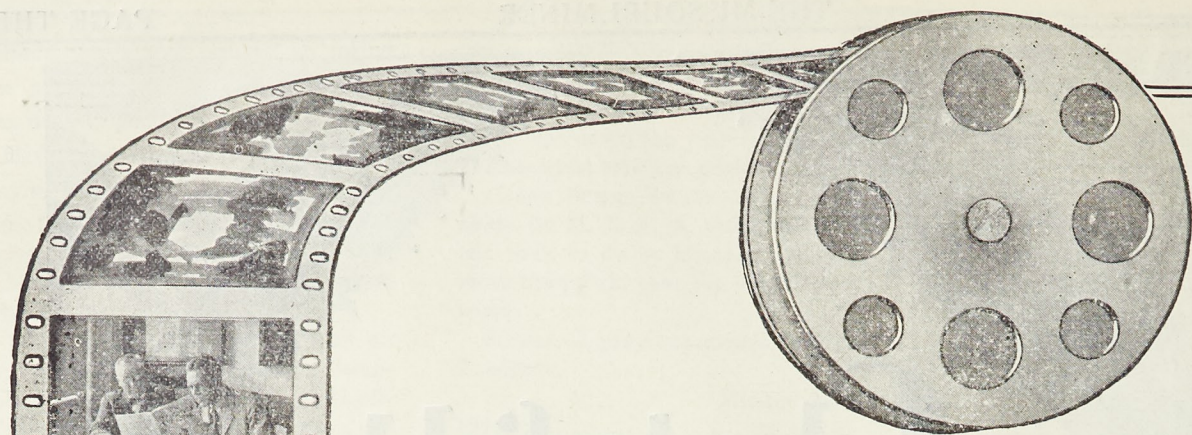
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The film entitled "The Explosives Engineer—Forerunner of Progress" visualizes the uses of explosives and shows such interesting views as testing explosives, an actual mine explosion with flames shooting out of the mine entrance, and measuring the velocity of exploding dynamite.

Another interesting film in two reels is called "Rubbing the New Aladdin's Lamp." The first reel "The Blasting Cap" is a fascinating story of how industry uses these little shells that contain such terrific energy. The second reel "Hercules Electric Blasting Caps" clears up the apparent mystery that has hitherto surrounded this type of detonator. In both films animated drawings enhance the interest.

The title of another film "How Jimmy Won the Ball Game" apparently has no connection with explosives. The scenario is a story of human interest, tense with excitement, and some pathos, and it carries an important safety lesson in handling and using blasting caps.

All of these films are available for free distribution, the first two in Standard (35 m. m.) and narrow (16 m. m.) widths and the third film in Standard width only. Please make booking arrangements for showing these films as far in advance as possible to avoid disappointment.

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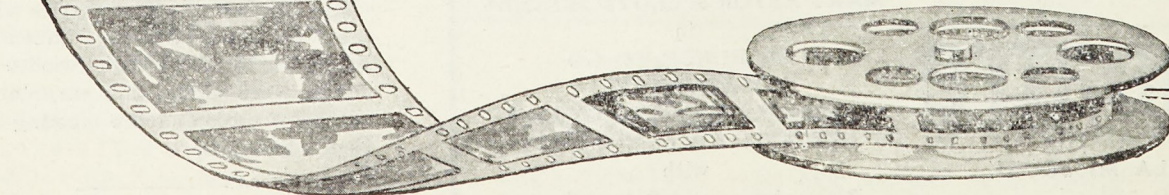
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## A MINER'S BED TIME STORY.

Since there have been numerous and sundry jaunts, made by different members of the student body, into the field of romance with variable results of success and failure it does not seem amiss to publish the following fairy tale:

## Prologue.

He that walketh through the swamps of worldly pleasures must be aware of the tail of the crocodile.

## The Story.

Once upon a time there were two little miners, not yet dry behind the ears, that were decidedly self-convinced of the fact that they were quite the gold brickers when it came to taking a fling at the worldly ways and trespassings of their gallant superiors. Their names were Sir Eizenklotz and Sir Nincompoop.

There happened to be a certain Temptress of world-wide repute dwelling in a remote little cottage in the deep woods of the Ozarks. She and her mother were as wild and woolly as a buzz saw. In fact, no port in which to be harbored during a storm. And it came to pass that during their companionship with an elder Miner, by the name of Sir Hooslung, they learned of this said "Ceopatra of the Ozarks" and were heard to remark, "What Ho! We must journey thence and imbibe freely thereof." And turning to Sir Hooslung they begged: "Kind Sir, canst thou direct us to the rendezvous of this said quintessence of life itself?"

"Ah, ha, I was once myself a youth and my sympathy for thee is as that of a father for his son. Follow me gallant ones and you shall ere long realize thy highly fanciful expectations."

No sooner said than a means of conveyance was summoned and they were shortly carried to the near vicinity of the den of the Temptress. High in the top of a near by oak a wise old owl welcomed the birth of a new day with his hair-raising vocalizations, as it was the mysterious zero hour that our adventurers neared this particular scene of our story. "Hist", ejaculated Sir Hooslung. "Arrange your coats and scarfs that ye may make an attractive appearance."

Our two little "Don Juans" busily engaged themselves primping as best they knew how while Sir Hooslung gently rapped on the door softly calling, "Oh, Maggie."

Boom! Boom! Pluey! Bing! Bang! "Ouch! Help! Oh, My Gawd." In

time less than it takes to tell, following a gruff voice and a volley of shots Sir Hooslung fell to the ground mortally wounded writhing and groaning desperately in agony.

"Ah, ha, so you're the blank, blank that's been bothering my wife," growled the desperate Sir Vociferous, charging around the corner of the cottage.

In olden times there were winged feet, seven league boots, and Hiawathan strides making possible inconceivable speed, but nothing was there ever to compare with the super-ultra speedy retreat of our young adventurers, Sir Eizenklotz and Sir Nincompoop. Never was there a Hercules, Hubbard, or Osborn that achieved the leaps and bounds of our desperate friends as they cleared hedges, buildings, in the direct line of their orbit fences and trees. (In fact anything

Thanks to the beloved chauffeur of Sir Hooslung, who, amid these hasty retreats saved his master from the savage onslaughts of Sir Vociferous. Sir Hooslung was quickly conveyed to his place of abode where first aid was immediately administered. But in spite of all efforts it seemed as if our wounded friend was losing his grip on life and was slowly, but sure'y, giving up the ghost. While Sir Hooslung was yet able to realize his surroundings the only door to the room slowly squeaked open and lo! and behold! in straggled our adventurers in a highly wrought, but depressed state of mind, showing the effects of exertion and exhaustion. They were palid of face and shaky of knees and from outward appearance were evidently guilty of some atrocious crime.

"This is awful!"

"Who enters?"

"Sir Eizenklotz and Nincompoop!"

"Well, they got me, buddies. (Gasp). Goodbye, my boys!" (Sniff).

"Oh, dear Hooslung, please don't leave us—Oh, Lord, help us. Oh, Gawd get us out of this! Oh, Sir, I wish it were me instead of you."

Sob, sob, sob. More sob stuff. Moral?

## MINER-DRURY GAMES.

The Miner-Drury game Saturday was the thirty-first game between the two schools. This is the oldest and most continuous football record between any schools west of the Mississippi. The series began in 1893, and the two schools have met every year except 1895, 1897, 1907, and the war year, 1918. The Miners' first line-up

was as follows: Landis, captain, right end; Weissgerber, right tackle; Allen, right guard; Wickham, center; Clark, left guard; Gormley, left tackle; Daye, left end; Spencer, quarterback; Marsh, right halfback; Smith, left halfback; Grove, fullback.

The worst defeat ever administered Drury was in 1900, when the Miners swamped Drury 69-0. The now famous steam roller team of 1914 defeated Drury 68-0. This was the greatest team ever developed here, and it was a standing joke to the rest of the country that two New York cops held down line positions for the Miners. There are rumors of making this continuous series of games the Thanksgiving day game. It would certainly be fitting that this be done, and not let the old friendly enemy series drop into oblivion.

The scores of the games:

	Miners.	Drury
1893 .....	6	16
1894 .....	8	6
1896 .....	0	42
1898 .....	26	0
1899 .....	6	18
1900 .....	69	0
1901 .....	12	0
1902 .....	10	11
1903 .....	0	0
1904 .....	6	6
1905 .....	0	40
1906 .....	0	6
1908 .....	17	0
1909 .....	43	0
1910 .....	37	5
1911 .....	0	6
1912 .....	0	13
1913 .....	26	0
1914 .....	68	0
1915 .....	26	6
1916 .....	0	28
1917 .....	0	26
1919 .....	7	12
1920 .....	7	13
1921 .....	31	0
1922 .....	0	12
1923 .....	13	7
1924 .....	27	7
1925 .....	20	13
1926 .....	27	6
1927 .....	18	7

The Miners have won 16, lost 13, and tied 2, scoring 510 points to Drury's 322.

Don't forget the lecture at Parker Hall Thursday, Nov. 17, at 8 p. m.

Man—Do you go to college?

Pov—No, it's my brother's hat, and it got caught in a mangling machine.

Prof. (giving mental test to bright co-ed)—I will read the word "horse" and you tell me what you think of.

Co-ed—Do I have to be personal?



## 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.

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## NEW MACHINE CAN

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Cambridge, Mass., Oct 20—An electrical machine with a "mechanical mind" that solves involved mathematical problems too complex for the human brain, has been perfected at the Massachusetts Institute of Technology by Dr. Vannevar Bush, professor of electric power transmission and a staff of research workers.

The institute, in announcing the development today, said the apparatus, known as a "product integrator," will open the way to hitherto inaccessible fields of research. These are expected to lie largely along electrical lines as the work was begun several years ago in an effort to evolve a machine that would solve rapidly and accurately problems of advanced electrical theory which have troubled engineers.

"The product integrator," Dr. Bush explained in the announcement today, "might be called an adding machine carried to an extreme in its design. Where workers in the business world are ordinarily satisfied with addition, subtraction, multiplication and division of numbers, the engineer deals with curves

and gaps which represent for him the past, present and future of the things in which he deals."

In operating the machine the mathematician or engineer in effect, feeds into it the equations and parts of the problem which cannot now be solved by formal mathematics. The answer is turned out in from eight minutes to a few hours.

A watt hour meter, similar to those used in homes for recording electrical power consumption is the foundation of the machine. The engineer using the machine, plots on paper the equations used and these are passed slowly under pointers which operators, stationed along the apparatus keep on the curves of the plots. As the pointers move along the curves the power flowing through the meter varies proportionately and that used is totalled and recorded. The meter controls a motor which drives a pencil along another moving sheet of paper on which a curve, known as the integral, is traced and this is the result sought.

The apparatus, the announcement said, will solve practically any "second order differential equation," a type of equation which in many cases can be solved only after months of computation.

Association with Dr. Bush in the development of the machine were F. G. Kear, H. L. Hazen, H. R. Stewart and F. D. Gage. A technical description of the instrument is to be issued by the Franklin Institute of Philadelphia.

## LIBRARY JOTTINGS.

Did you ever drift up into the library on one of the dreary rainy days so common this time of year? If you haven't you should. Even aside from a glimpse of the charming young ladies in charge (no you needn't tip me) there is a great deal of pleasure waiting for you. A really surprising number of attractive titles peep out at you from the least expected places. Just the other day we stumbled onto a biographical novel of Strindberg's called "The Confession of a Fool", which was undoubtedly the most ironic and at the same time realistic portrayals of married life we have ever read. It is filled with the spicy bits so entrancing to those who prefer the more sophisticated things. "Dusty Answers" is, according to the librarian, the last word. We intend to read it soon and Pierre La Maziere's "I'll Have a Fine Funera." should be delightful if one may put any confidence in the

reviews. Schreiner's "From Man to Man" comes in for a number of attractive reviews. And there's lots of others which are much lauded; some undeservedly, we think, for instance; we found Edith Wharton's "Twilight Sleep" a terrible bore. Allow us to recommend it if you have trouble dropping off to sleep. Then there are others which should appeal to those who are tired of the realists; for example Cobb's "Some United States" is a wholly delightful portrayal of some typically American traits in the inimical Cobb manner. Donn Byrne's "Brother Saul" is a very readable account of the life of Paul. We found it very interesting as are all of Byrne's things. Then there is a delightful story of dogs as viewed from the kennel called "A Dark Gentleman." We believe it is by Stern. Its very readable. If you like tales of mystery you should like Agatha Christie's "The Murder of Roger Ackroyd. Fernham Bishop's "Black Bloodhound" should interest you if you prefer tales of high adventure. And on and on. It would take columns to mention all the delightful fiction one discovers.

In addition there are a host of new books on astronomy, chemistry, ceramics, civil engineering, education and English, with mining and mathematics in no wise neglected. A large amount of bulletins have been received on all sorts of interesting subjects. You may find telephone directories from all the large cities—in case you have forgotten that attractive girl's address here's a chance at least to locate her. Valuable things these telephone directories.

And we nearly forgot. There's a copy of Lawrence's "Revolt in the Desert", the most interesting book of adventure written in the last decade. Don't miss it. And Ludwig's "Napoleon", the best biography of Napoleon ever written, according to most critics and you rock hounds should like Lee's "Stories in Stone", a well illustrated and splendidly written account of the geographical changes that have produced the scenery of North America.

You have just finished an article on our library. What did you think of it? Would you like to have more of the same? If you would, say so and you'll get them. If you don't, say so and they shan't be continued. Its up to you. Whaddya say?

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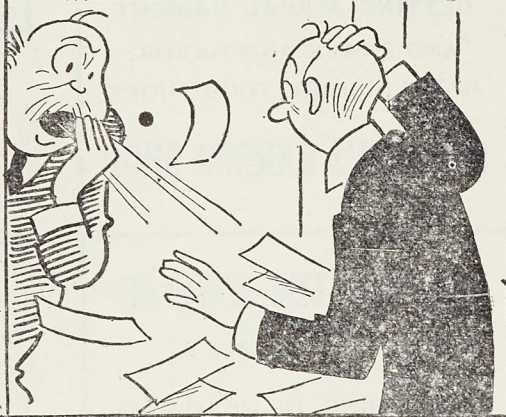
AND THEN A GUST OF WIND  
SCATTERS ALL THE PAPER  
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AND THEN WHEN YOU GET  
PICKED UP AND PILED  
GAIN —



"COUGHING JOE" ENGLE  
BREEZES INTO YOUR  
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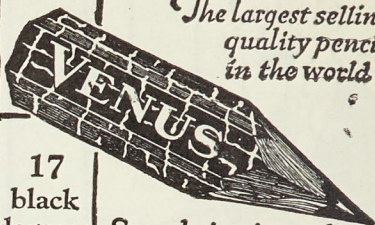
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## ARMISTICE DAY PARADE.

In celebration of the ninth anniversary of the signing of the Armistice Friday afternoon classes were dismissed and the R. O. T. C. unit paraded through town. The parade started at the gym, went down Main to Seventh, and over to Pine and back through the business section to the campus. Owing to a sudden shower of rain it was necessary to call off the scheduled flag raising which was to end the celebration of Armistice Day.

Quite often there is some excuse for bad manners, when due to such causes as ignorance and lack of attention, but no apology can be found for those who fail to remove their hats when the flag passed by during the Armistice Day parade. It takes no effort to perform this act of respect, and should be cheerfully carried out.

Prof. Dean has made complaint of the poor condition of the roof of Mechanical Hall, for during the rains of last week, he says, moisture kept dripping on his eye glasses, thus interfering with his work.



# School of Mines and Metallurgy

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FOR INFORMATION, Address,

The Registrar,  
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Rolla, Mo.

Continued from Page One.

Straight football prevailed, end runs by Thompson, Grubstaker quarter, was the feature of the game. The crowd was given a thrill when a Mercier back got away on a trick formation to run about 50 yards before being downed on the Grubstaker's 20-yard line.

No amount of battering could reduce the Grubstaker stone wall defense, while frequent gains through the Mercier line added considerable yardage to the Grubstaker's total.

A few bruises were acquired, and many of the contestants are now seen limping and complaining of sore muscles, but from all appearances a good time was had by all.

## "ANALYT."

It seems that many years ago,  
Four hundred years, perhaps;  
Some young men with their daddies  
Had some intellectual scraps.

And when it came to topics,  
That the lads were posted on;  
They badly beat the old men  
With their speeches pro and con.

So the old boys got together  
As they're often apt to do,

And asked themselves quite gravely  
What the world was coming to.

And they had a lengthy session,  
And decided when 'twas thru  
That they'd give the boys some problems,  
That they simply couldn't do.

Then they called a great convention  
Of the wise men far and wide.  
And to find the wanted problems  
For many days they tried.

Some thought geometry would do,  
And stump the boys quite well;  
But others shook their heads in doubt  
And said one couldn't tell.

So then some others of the group  
Thought they had worked it out,  
And proposed a wicked algebra  
To put the boys to rout.

But even then some others  
Not satisfied as yet,  
Said mix the two completely  
And then see what we get.

So they put the two together  
And sat back with a smile  
And said one to the other,  
"That will hold the boys awhile."

And true it did, and still does  
And we must suffer now,  
Because those old-time fellows  
With the youngsters had a row.

They picked lines from geometry  
Took letters from the Greek  
And used them for the angles  
Of which we often speak.

They made up definitions  
And formulae to suit  
And graphs and slopes and intercepts  
And plenty of square root.

They then set up coordinates  
And systems two and three  
By which they soon decided  
Where every point should be.

Now the old boys, quite contented,  
Tried to find a name to fit  
Their new found mode of torture  
And they called it "Analyt."

But we got to hand it to them  
The did their task up brown,  
As testified by students  
That the course has long held down.

Do—Does horseback riding give  
a headache?  
Not—No. In fact quite the contrary.



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CIGARS AND CIGARETTES

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BIG, STRONG, SERVICEABLE

LIGHT UP

EDISON LAMPS ARE CHEAP

Up to 40 Watts..... 23c  
40 Watts to 100 Watts.... 25c

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