



# Armour Tech News



Vol. XII No. 8

Armour Institute of Technology, Chicago, Illinois

Tuesday, November 7, 1933

## SIDELINES

By Leroy Beckman

**ARMISTICE DAY.** On Saturday, November 11, we pause once more for brief consideration of that event, the occurrence of which took place 15 years ago. The great war presented visible dissatisfaction on the part of every leading nation of the world, each one of which excused its actions as protection for "self-interests." On the other hand, the Armistice created a lull in those hectic activities and eliminated self-interests as a predominant factor.

**OBSERVANCE** will vary on that day as it has in the past. Parades will take place, music will be played, and speeches will be delivered. But, behind all these activities we wonder whether the true spirit of the occasion really does prevail.

**PARADES** can only portray subject matter concurrent with the occasion. Music will be rendered properly in the form of patriotic airs. Yes, in those two steps can be only spirited observance, evidently nothing else.

**PUBLIC ADDRESSES** however, can, and will, be misrepresented. Year after year, speakers will orate on subject matter, supposedly intended for a form of Armistice Day observance, but really amounting to nothing more than verbal denunciation of governmental policies at that time and the present. Speakers have said and will say again that these United States suffered needlessly during the war because of narrow-minded governmental policies with regard to the sustenance of fighting forces. They will enumerate existing conditions, strive to put them on even par with those of the past, and then offer remedies to eliminate them, at the same time indicating that the only solution lies in the increased facilities of the fighting forces.

**WHETHER RIGHT** or wrong, these policies are unjust to an observance of peace activities. Armistice, implies peace which in turn requires mental coincidence. The Armistice meant, and its observance means, the devotion of energy to advancing civilization and not to tearing humanity apart.

**FROM THE STANDPOINT** of defense, the fact remains, as Marshal von Hindenburg stated, that, "The brilliant, if pitiless, war industry of the United States had entered the service of patriotism and had not failed it." Patriotism is essential for peace too.

**THE SPEAKER** who advocates military preparation in an Armistice day address, sadly misinterprets the occasion, although there may be something of vast importance attached to the matter. The speaker who intends to promote international peace, fully interprets the observance. To whom will you listen for that brief consideration?

**EFFORTS** are under way for the reopening of a Century of Progress Exhibition in 1934. The action necessitates the amendment of the charter granted in 1928. The decision to hold the exposition was not announced officially until the fall of 1929 and the necessary legislation was passed a year later. The same routine must be followed to reopen next year.

## Sophomores Pledged by Alpha Chi Sigma

Alpha Psi chapter of Alpha Chi Sigma, national professional chemical fraternity, announces the pledging of C. T. Clark '36, H. P. Milleville '36, R. M. Paulson '36, R. C. Peterson '36, and A. Rulis '36.

With four members, Blom, Hollmann, Ream, and Stockman, back to take graduate work the local chapter is looking forward to a successful year. Plans are now under way for a birthday party early in December to celebrate the founding of the chapter.

## Honor 'A' Society Pledges New Men

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## Court of Freshmen Control is Formed

Because of the continued failure of the freshmen to observe the traditional rules pertaining to their conduct on the campus, and further, in order to regulate the enforcement of the wearing of the green caps, the following committee has been appointed to act in a judiciary capacity: Michael Lukas '34, chairman; Lawrence Frateschi '34; Richard Armsbury, '35; John Ahern, '35; John Larson, '36; and Harry Tice, '37. This committee will meet every Friday noon at 12:20 in the Tau Beta Pi rooms to act on cases brought before it. Reports of the violations of freshman rules should be given to any of these men.

The regulations that the freshmen must follow are: (1) They must wear their caps at all times while on the campus except when in class.

(2) They must not ride the elevator.

(3) They must not sit in the balcony of the assembly hall during an assembly.

## BELIEVE IT OR NOT! ARCHITECTS DECIDE TO STAGE A DANCE

## All Work, No Play, So Boys Will Take Holiday

## STEUBEN CLUB IS SITE

Once again the Armour architects have developed sufficient courage to hold a dance. This year's dance is a result of the decision made by the junior class that there was too much work and not enough play.

At the same meeting, held for the election of officers, work was begun on the dance with the idea of improving and increasing the social life of the students in architectural engineering. The committee appointed at that time to survey the situation and report to the class consisted of Larry Davidson, Robert Esbensen, Malcolm Forsyth, Stewart Granger, and Walter Sobel.

### To Be At Stueben Club

As soon as the last drawings were turned in, the work of soliciting hotels and clubs was begun. After due consideration, the Steuben Club at 188 West Randolph, was chosen as the location for the dance. The entire twenty-second floor has been rented for the evening of Friday, November 24. Not only is the ballroom excellent for dancing, but unusually fine lounging facilities are included.

A petition was circulated to obtain the signatures of those students who would pledge their support to the dance. Over sixty names have been secured from the various classes and work on the dance is well under way. Bids have been printed, posters are in the process of construction and the orchestra has been hired, so the major part of the work is nearing completion.

### Wilson-Barnett's Band to Play

The bids are one dollar and a quarter apiece, a price set unusually low. The band is Wilson-Barnett's orchestra, a well known south side band coached by Hal Kemp.

All the engineers are invited and bids will be obtainable from any member of the architectural department.

## Get Eight Hours of Sleep a Night, Is Advice of McNamara and Krafft

With the semester well on its way — some students dreading the advent of flunk notices and others securely entrenched with work well done — we are reminded by "Doc" McNamara that a great deal of the success or failure in a student's studies must be laid to the student's physical condition. "The Greeks had a word for it, when they said, 'A sound mind in a sound body,'" said Dr. McNamara. "Some people," he continued, "think that athletes are dumber than other people. Well, that may or may not be true, but the chances are that any given athlete would be still dumber if he weren't an athlete. Keeping fit helps a lot towards better efficiency in school work as well as any sort of work. The trouble is that so few students really know how to keep fit. . . and that's just the reason I'm going to tell Armourites how to keep fit as a fiddle — we're trying to cut down on the stationery bill for flunk notices."

### Eat Properly

"I know a couple of swell ways to get sick, if you're interested in that. For instance, a pretty good way (and a pleasant one) is to go down to the Worlds Fair and fill up on hot dogs and coffee. Then come home and start wondering why you don't feel much like going out with the gang the next day. Or assuming that you've already achieved a measure of success by getting a bellyache or a cold, a good way to get sicker is to hop down to the nearest drug store and buy one of the thousand advertised physics! The natural tendency of the body is to get well, and if you (or anybody) are going to force the issue, it's a great deal like trying to force a deli-

## Faculty Club Will Initiate Two Men

The Faculty Club has definitely decided to add to its present list of members Robert M. Cunningham Jr., director of the Armour Development Office, and Howard K. Lanigor, Armour Placement officer. Both of these men had been connected with the Perry Addleman Company, but since the Development and Placement offices have been put on a full time basis, they have devoted all their time to the duties of these two offices.

Mr. Cunningham is a graduate of the University of Chicago. Mr. Lanigor is also a University of Chicago graduate and has had seven years' experience on a committee of "Public Relations for Hospitals and Colleges."

In a survey of the Faculty Loan Fund by its treasurer, it was found that of all the loans made to students since 1915 only five per cent of the total amount loaned were bad debts. This was considered gratifying insofar as it furnishes a good idea of the type of student that Armour turns out.

A miniature library is being formed by the club, the idea having matured with a collection of stray books donated by members. It is hoped that this library will act as a medium of exchange of books of fiction, travel, and technical works.

## Tau Beta Pi Award Given to Soph Civil

Russell Johnson, a sophomore civil, has been awarded a year's subscription to "Civil Engineering" by Tau Beta Pi, honorary engineering fraternity, as a result of his obtaining the highest scholastic average in last year's freshman class. His average for the entire year was 97.0.

This award, given for the first time this year, is to be an annual one and is to be given to the student with the highest average in each freshman class. The person who receives the award is to have his choice of any engineering handbook or magazine. This is similar to the Salamander and A. I. Ch. E. awards which are given annually and which are also based on scholarship. The distinction is that the Tau Beta Pi award is not restricted to any department.

cate Swiss watch to work by using a chisel. The more frequently you force it the less frequently it works.

"In plain language never use any drug whatsoever, unless by a doctor's prescription—advertisements by the various pharmaceutical houses notwithstanding, inasmuch as, moreover, whereas, and what have you. While the medical profession is largely altruistic (often to the doctor's own detriment), the medical manufacturers are one hundred percent commercial and make their money because the American people believe everything they read in the paper. So don't guzzle any more hot dogs and hamburgers than you have to, and if you feel it afterwards, don't waste any more money on castor oil, but employ a policy of 'watchful waiting'.

### States Health Rules

"Now if I were to give the three fundamental rules for keeping fit as a fiddle, here is what they would be: Rule number one would be: get eight hours of sleep every day, at regular times. You can't overestimate the importance of sleep, and it is the only means by which a tired body can recuperate itself. Even an auto must be allowed to cool down once in a while, and the human body must have eight hours of sleep for every twenty-four hours of living.

"Rule number two is: eat plain food and plenty of it. Don't be fussy about what you eat. Provided that it is 'plain'—and we all know what 'plain' means. In other words, avoid fancy dishes or food which is 'too' sweet, or 'too' spicy, or 'too' cold, or

(Continued on page 4)

## ARMOUR MUSICAL CLUBS TO PRESENT TWO CONCERTS AT THE CENTURY OF PROGRESS

Choral, Orchestral, and Solo Numbers to Be Transmitted Over the Fair's Amplifying System

## PRESENTATIONS TO BE FRIDAY AND SUNDAY

*The Deans' Office requests that all seniors who have not as yet checked the credits for graduation, do so as soon as possible.*

## Elect Two Sophs In Run-Off Ballot

Deciding the ties which were the result of the regular election, the sophomore class balloted again last Friday with results as follows:

Vice President

Gordon Zwissler ..... 77

Wilbur Fleig ..... 62

Secretary

John Scott ..... 83

Donald Fleig ..... 57

Both of the successful candidates are civils, which makes a total of four out of six sophomore officers from that department.

One hundred forty votes were cast but one voter balloted only for the pleasure of indicating his choice for secretary, neglecting to vote for a vice-president. John O. Larson, president of the class, expressed a fear that the small number of votes cast indicated disinterest in class affairs, in doing so evidently looking ahead as far as next May. Fifty-seven per cent of the class voted.

## Civils To Investigate Suburb Water Plants

Investigation of water plant construction and operation is the purpose of the coming inspection trip sponsored by the Department of Civil Engineering. Originally the trip was planned for November 2, but is now to be held next Thursday.

The trip will be made by auto and the fifty or more seniors and graduate students who are expected to make the trip will meet in Wilmette at 10:00 o'clock Thursday morning.

Their first game will be in Wilmette where a water plant is under construction at the present time. The trip also includes inspection of water plants in operation in both Waukegan and Winnetka.

## Social Science Class on Trip to Link-Belt

Professor Dutton's senior social science class went on an interesting inspection trip to the Link-Belt Company where large cranes, derricks, elevators and conveyors are manufactured. The trips were held on Wednesday and Friday, half of the class going each time.

The party, on arriving at the firm was separated into smaller groups of about fifteen students so that a better study could be made.

Motion of the different machines was studied and the output which is accomplished by them. There also were forms which showed the flow of material through the shop, and men who were hired for the sole purpose of improving the movement of the conveyors in order to get maximum efficiency and greater speed.

Pattern making was also shown to the groups, and the storeroom which is air conditioned to prevent the warping of the patterns. The other storerooms which contained a systematic arrangement of the stock were also visited. Another point of interest was the drafting room, where every man has a drafting machine and a system is arranged by which the amount of work is distributed evenly.

These inspection trips gave the seniors a good idea of the methods used in manufacturing.

Sometime in the next two weeks the formal initiation will be held.

## Senior Jackets to Be Displayed This Friday

The efforts of the Senior Jacket Committee to obtain the jackets before the Christmas holidays are bearing fruit. The committee hopes to have the sample jackets, which are now being made, on display at Armour this Friday. The probable appearance of these jackets will be the conventional black with chevron letters and gold and red trimming, as the committee decided that too much color in the jackets would make them unnecessarily showy. The accepted jacket will coordinate the better features of the various samples.

The committee, which was originally composed of S. M. Lillis (chairman), J. C. Castane, A. J. Cohrs, B. N. Gibson, G. F. Graham, G. J. Mayer, and C. H. Sachs, has been changed slightly, Gibson being replaced by Chester Zukowski. This replacement was made because Gibson is also a member of the social committee.

## Eta Kappa Nu Holds Informal Initiation

Delta chapter of Eta Kappa Nu, honorary electrical engineering fraternity, held its informal initiation last Monday in their rooms in Chapin Hall. The evening was considered a complete success with the pledges furnishing the entertainment for the actives and graduates. The electric chair was in full operation a good part of the time, although this was only one of the many features which served to liven up things.

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Vol. XII NOVEMBER 7, 1933 No. 8

## Why Don't They Grow Up?

We have not calculated the percentage of chalk actually used for the purpose intended, but we do know that it is considerably lower than it should be. The court behind Chapin Hall has so much chalk in it that one would almost think that a light snow had fallen. Theoretically, at least, when a person is ready for college he should know that chalk is primarily not an ammunition.

The classrooms are cleaned by elderly women. Whenever some non-thinking student slips a piece of chalk at a classmate, who immediately retaliates, he puts an added burden on these ladies. There is something wrong when a college student must be appealed to through his sense of pity or courtesy to the elderly in order to keep him from enjoying the childish game of throwing chalk. It is absolutely certain that if conditions are not immediately improved the officials of the Institute will take a hand in the matter.

It will be a damnable pity if such action has to be taken in order to prevent college men from acting like half-grown puppies.

## A Step in the Right Direction

Machinery for the enforcement of traditional regulations has finally been set in motion. The committee, as announced elsewhere in this issue of the *News*, is composed of the best qualified students at Armour. All of them are well known and popular throughout the school and their judgment can be relied upon.

We feel that the traditions established at Armour add to the collegiate atmosphere of the school and as such should be carried forward. The continued violations will ultimately result in their passing away.

However, when the responsibility for the enforcement is vested in individuals without a defined authority we find abuse and malpractice results. Witness the actions of a group in trying to force certain freshmen to wear their green caps. It was carried to the extreme and resulted in injuries and other accidents, especially to clothing, which should properly not have taken place at all.

We realize that if non-observance is to be stopped there must be some punitive action taken. But let this problem be entrusted to a selected group so that the responsibility is fixed, not only for the measures taken but for the effectiveness attained.

## "The Slipstick"

Cleave to "The Slipstick"; let  
the Slapstick fly where it may.

Let us take issue with the bright side, for is that not the right side? The bright side must necessarily be the light side (see Kirchoff) so let's make the bright side our side and may the smiles extend from side to side.

## HASTE

Across the sea of burning sands,  
A little doggie ran,  
Defying all the desert laws  
Applied to beast and man.  
A large stone sphinx, long fast asleep,  
Awakened now to say:  
"You must not run, my little dog,  
You'll kill yourself that way."  
"You should talk," the dog replied,  
"For you may stay where you please,  
But I must hurry, for I know  
It's far between the trees."

D. S. D

*Probably the most obvious difference between married men and bachelors is that married men have better halves and bachelors have better quarters.*

E.S.

Stage Manager: What is all that noise coming from the girls' dressing room?  
Assistant: Oh, they're all talking at once.

## FELLOWS WE SEE

The lad who sits in class, tells you what a heel the prof. is and then talks to him after every lecture.

The chap who sits in a front seat and raises his hand first every time the prof. asks a question.

The pal who bums you for cigarettes from Monday to Thursday and only has one left when you ask him for one on Friday.

The young blood who always brags about his wild parties, then asks you for a safe address of a beer joint.

Wupty: Get something in your eye?  
Doo: No, I'm just trying to look through my thumb.

She: Yes, in a battle of tongues a woman can always hold her own.

He: Maybe she can, but why doesn't she?"

## SAPS

I fear that I shall always be  
A frosh who lives in misery,  
A frosh whose little green cap  
Must be in place or be a sap,  
A sap who dares not go alone  
Where all the upper classmen roam.  
The lordly soph is like a king  
For whom we're forced to dance and sing,  
And if we dare their tyranny  
We become the Armour Nudist Colony.  
Poems are made by fools like me  
Who've lost their pants and dignity.

D. N. R.

Frosh (on crowded bus): Quite a load on this evening, eh."

Drunk: Ye-yesh, b-but don't tell anybody." —Carolina Buccaneer.

A man who had been stopping at a fashionable hotel was paying his bill. He looked up at the cashier and asked her what it was that she had around her neck.

"A ribbon, of course," she said, "why?"

"Well," he replied, "everything else is so high around here that I thought perhaps it was your garter."

Thank you, contributors, certainly will be glad to hear from you some more.

Talaber: Then I got my arms around his head and—" Weissman (sarcastically): Gave him a haircut?

Talaber: Naw, gave him a trimming.

Prof. Freud: A small dose of methyl alcohol will blind a person temporarily; a larger dose will blind him permanently, and a still larger dose will kill him.

Schmier: Permanently?"

Prof. Doubt: Jones, can you tell the class what electricity is?"

Jones: "Why—uh, I did know, but I've forgotten."

Prof. Doubt: Alas, gentlemen, probably the only man in the world who ever has known tells us that it has slipped his mind."

Bradac: As the volume decreases your pressure remains constant—

Prof. Nachman: Please don't use the second person in your statements. As a matter of fact my pressure is quite variable during this recitation."

Francois wants to know if they call it Scotch whiskey because it makes you so "tight."

The other day one of the frosh was told that his recitation resembled Quebec—built on a bluff.

Experienced Foreman (on excavation job) "Do you think you're fit for hard labor?"

Applicant: "Well, some of the best judges in the country have thought so."

## Movie Notes

That favorite of radio orchestras, Ben Bernie, the Old Maestro and all the lads, are in person on the stage of the Chicago Theatre this week. Bernie is well known for his sparkling orchestrations and his inimitable novelty numbers which are made such huge successes by the vocalists and soloists. Frank Prince, "Whistling" Pullen, "Col." Manny Prager, Dick Stabile and Billy Severin are also featured.

The screen brings together the great comedians of radio and film, Jack Pearl, known throughout the country as the "Baron Munchausen," and Jimmy "Schnozzle" Durante, ace of film comedians, in a roaring collegiate musical romance "Meet the Baron." The supporting cast includes Ted Healy, Edna May Oliver, Zazu Pitts and a bevy of campus cuties.

Walter Winchell's "Broadway Thru a Keyhole," a spectacle of Broadway's glitter, beauty, and sorrows is now showing at the United Artists Theatre.

The story concerns a gangster (Paul Kelly) who takes a sudden interest in a chorine (Constance Cummings) in a night club run by "Tex" Kaley (Texas Guinan). Being engaged in a gang war, the gangster sends the girl to Florida with a trusted girl friend. While there, the chorine falls in love with a band leader (Russ Columbo) and when the situation becomes known to the gangster, he orders her back to New York. The band leader follows and in a thrilling climax, clashes with the gangster.

Spencer Tracy is the star of the Fox Film feature "The Mad Game," now running at the McVickers. The story concerns the operation of a ransom ring in a large city, depicting the tortures and triumphs of the men who view kidnaping as a livelihood and business. Claire Trevor supplies the feminine interest while Ralph Morgan heads the supporting cast. The old adage of a thief to catch a thief is portrayed on the screen as the final show down comes with melodramatic timeliness.

A spectacular array of stars accept minor as well as major parts in "Night Flight" now on the screen at the Tivoli and Uptown theatres in order that they might lend their full measure of artistry to the presentation of an epic story. "Night Flight" concerns the inauguration of night air mail service over the Andes, thus diminishing the gigantic scale to which the South American continent was originally created. John Barrymore as the hard task master who by demanding the impossible of his pilots and concealing his own emotional upsets succeeds in completing the air service.

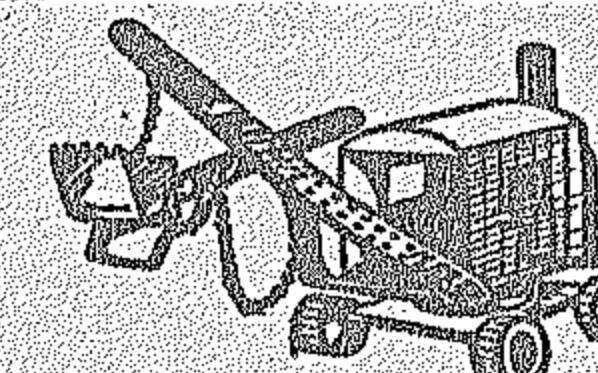
Lionel Barrymore displays even better characterization in portraying a minor employee of the company, obsequious to the big boss but domineering in his demands upon the pilots. Robert Montgomery and Clark Gable as pilots under almost impossible weather conditions and Helen Hayes and Myrna Loy as their wives who wait anxiously for news of their safety carry the audience out of themselves into the action of the plot.

Maurie Chevalier is back at the Roosevelt this week in a new and spicy story entitled "The Way to Love." Playing opposite to Manrie in this, his latest hit, is Ann Dvorak, a favorite with many fans. Chevalier is back in the type of role which his followers have wanted. He flirts, fools, and sings, all in a romantic setting of Parisian night life. As an added attraction, the second chapter of "Tarzan the Fearless" is offered, starring Buster Crabbe.

Mae West, the stage siren, who took Hollywood by storm after a series of free rides in New York police cabs is still on the screen at the Oriental in her own picture, "I'm No Angel." Although Mae tapped out the script in three days, its run at the Oriental can be measured in terms of weeks. It is nearing a close now so that those who have not as yet seen the subject of so much conversation must hurry in order not to miss her.

In her career (in the story, not in life) she passes from one circumstance to another, burlesque queen to lion tamer, thrilling the audience all the while.

## THE STEAM SHOVEL



The Steam Shovel has as its official platform—"An elastic elevator for Armour Tech"—to accomodate more passengers.

If News readers desire an "Advice to the Loveworn" column, headed by DOC PINKUS, let us know and we'll try to persuade Doc.

BOB DALTON refused to sing a second verse to "My Kentucky Babe" because there were too many babes! UNCLE DAN ROESCH doesn't teach Structural Design, but Bros. Headen and Svoboda "bridged the gab" last Friday.

BIG BILL BURSON seems to have been preparing for the coming tank season by taking a dip during lunch hour. Maybe JOHNNY HUMISTON also has aquatic aspirations.

The grade of A and the honorable PETER PAUL POLKO seem to be having a hard time getting together in Social Science.

Do you wanna buy a duck, goose, or Gauss? Take your choice, the Steam Shovel can get it for you wholesale.

Ed "Lover" Schneidalg claims to be a better man than Archie "One Minute" Anders—claiming to have snatched his girl. (Signed) W. W.

What's happened to Dick Friede's frat pin? The Steam Shovel wants to know. Who's the girl, Dick?

If any stray hunks of meat are found in the Mech. lab, they will probably be the remains of FRANKIE EGLOFF.

We expected an upturn in the de-pantsing market due to warm weather, but were disappointed.

## Arx News

The usual post-mortems followed the judgment of the senior "Court" projects. Of course there were surprises and disappointments not to mention that many were taken down a few pegs!!!

Nevertheless, Sandstedt, Terp, Kossoff, Kalisher, Schwab, and Seberg were awarded a mention apiece. The jury was composed of faculty members and Mr. Puckny, a Chicago architect.

"All good things come in fours", or something; and so four freshmen, Saletta, Evans, Becker, and Kichaven were blessed with mentions for their charcoal drawings.

A very ardent supporter of "All play and no work" has donated a very fine sterling lead gas pipe as the trophy to be awarded the survivor of the ARX basketball tournament. According to Warren Brown the juniors have it in the sack.

Many juniors (two in number) successfully rescued their pal Samuels from a demonstrating corps of seniors. But the juniors didn't give up without a struggle; and as a result one "ACE" FLYER is nursing an "India Ink" eye. Have you tried a beef steak "ACE"?

And again Sumner fell off his chair, this time during a life class. What seems to be the trouble with those chairs MAT??

This column wishes to congratulate Wattley for his victory in the golf tournament. Who said there were no athletes among the architects?

Snooping Sam.

Can't the Sophs take it, or something?

We may as well admit it; this week was Senior Mech. week as far as the Steam Shovel was concerned.

Ray Fleissner, the light headed lover, excited Spears Wednesday morning by his love making in class.



## A bird's-eye view showed the way

Telephone engineers recently found the best route for a new telephone line by taking a bird's-eye view of their difficulties.

The territory was heavily wooded, spotted with swamps and peat beds, with roads far apart. So a map was made by aerial photography. With this map, the best route was readily plotted, field work was facilitated.

Bell System ingenuity continues to extend the telephone's reach—to speed up service—to make it more convenient, more valuable to you.

## BELL SYSTEM



TELEPHONE HOME AT LEAST ONCE A WEEK... REVERSE THE CHARGES IF THE FOLKS AGREE

## CIVILS HEAR TALK ON CONSTRUCTION AT M. S. E. MEETING

"A Century of Progress in Industrial Buildings" was the talk given before the W. S. E. last Friday by T. L. Condron, a member of the firm, Condron and Post, Consulting Engineers of Chicago. His talk was an abstract from the one he gave before the Construction Division of the American Society of Civil Engineers in June, 1933. He traced the growth of the types of buildings used for industrial buildings from the time when iron was first used up until the time of the modern types of construction. Mr. Condron explained in an interesting manner how the growth in building construction may be attributed to several fundamental inventions and discoveries, such as the first use of cast iron beams in 1801. The use of iron grew and buildings could be built proportionally larger. Construction was given a further impetus by the invention of the Bessemer and the Open Hearth processes of preparing steel members.

It is interesting to note that one of the best methods of building foundations was first used in Chicago and has been used elsewhere when necessity demanded it, due to the condition of the soil bedding. Due to lack of time, Mr. Condron was unable to give the complete history of the progress of building.

A smoker is planned by the society for November 17, to be held at the Triangle fraternity house on Michigan Avenue.

## OTHER CAMPUSES

Co-eds at Wellesley College have decided not to speak to one another on the campus. They say that speaking to the same person several times a day grows tiresome.

Dr. George A. Brown of the University of Minnesota graduate school of medicine stated that a few cocktails now and then won't raise your blood pressure; they may help it.

A Miami University student went home one night and partially undressed himself before the sight of three sleeping girls reminded him he had moved to another boarding house.

Years ago at the University of West Virginia a bell was rung every night at nine o'clock warning students that they must retire. At six o'clock in the morning a cannon was fired at the armory to get them out of bed.

Bunion pads are the favorite surgical dressings of the Creighton University football squad.

Palo Alto policemen have a system. Student speedsters of Stanford University are the victims of heavily imposed fines, usually so heavy that the men have to chop wood in payment and the co-eds have to darn socks.

Colgate University's football team of the present season has a series of plays making it necessary for eight men to handle the ball. The plays were devised by coach Andy Kerr, and the president of the university, Dr. Bryan, an ex All-American at Yale.

Lee-McRae College, situated in northwestern North Carolina, enacts a twofold purpose. In the fall, winter, and spring it is an educational institution; in the summer it is an inn. Students work as bell boys, waitresses, clerks, cooks, and laundry workers during the summer, thereby reducing the overhead and allowing the students to earn their own tuition.

At a high school football game in Glenville, West Virginia, an excited spectator jumped out of the stands and tackled a Glenville man who was running for a touchdown.

The Arizona Wildcat states, "You can't start farming unless you have a thousand dollars, and if you have a thousand dollars, what's the use of farming?"

Rumor prevails that because Harvard has banned Yale locks, Yale will stage a comeback by doing away

with all the Harvard classics. They're at it again!

When students of the University of Pretoria, South Africa, chose for a debate subject "Resolved: that we should return to a communism among wives as advocated by Plato," the rector decided not to make the hall available unless the subject was changed. It was changed to "Resolved: that any subject is fit for debate."

Co-eds at the University of Minnesota are liable to a fine of \$10 or a jail sentence of six days if caught wearing a fraternity pin.

Sponsored by the office of the dean of student activities, plans are being made at Louisiana State University for the formation of local fraternities on the campus to the number of thirty. This will allow a forty per cent of the male student body affiliation instead of the present twenty per cent.

A professor at Worcester Tech mystified his class by a very complex equation. When finally asked as to what the symbols represented, he admitted he did not know, but said it must be right for he had used it in the same course for years.

Among the new freshman rules at Roanoke College, there is one that requires a freshmen to keep both his hands well above his head when he speaks to a co-ed on the campus.

The Kentucky Kernel quotes the definition of a professor by a professor: "A professor is a man who learns more and more about less and less, until finally he can tell you nothing about anything."

## More Fireworks! Here They Come

Rumors have been racing around the sophomore class to the effect that one John Renstrom, a member of the freshman class, has not been fully attired in the prescribed uniform during the past few weeks. About three weeks ago one of the sophomores noticed John racing to class sans his green hat and the aforesaid rumor was started. Full speed ahead!

Further impetus was given the alleged fact when Jack Gilpin, Guardian of the Office of the Deans, received a supposedly lost green hat on the inside of which had been inscribed the cognomen of one John Renstrom. He secreted it behind his desk and awaited developments. Look out, John!

Nothing happened. The green hat rested in peace. Jack Gilpin thought of wearing it himself, but no sooner had he been struck by the thought than another one bounced off his cranium. He could not run fast enough. He left the hat behind his desk. Getting anxious, John?

The next day the cloak room entertained a visitation. Jack Gilpin cautiously removed a green cap from his pocket and pushed it across the counter. "Take it," he said. "It was found and turned in at the Dean's office. I've advertised the finding, but no one has claimed it."

The green hat now hangs in peace in the cloak room. Will John call for it or will he?—We'll see!

Students who fail in a subject at the University of Washington are not permitted to use the library, under a new ruling.

## Fraternity Notes

### THETA XI

The Theta Xi Fraternity takes pleasure in announcing the pledging of the following men:

Nick Giovan, '33 C.E.  
Bertil Hanson, '34 M.E.  
Henry Koeber, '36 Sc.  
Roy Kercher, '35 M.E.  
Edwin Koriath, '36 E.E.  
William Krause, '34 E.E.  
Earl Kreft, '36 Ch.E.  
Arthur Skorjdal, '35 M.E.  
Robert Stevens, '36 Ch.E.  
George Reed, '34 E.E.

The "T XI" annual Hallowe'en Party was held Saturday, October 28th. The function was well attended by members of the local chapter, alumni, friends, and the Northwest chapter of Theta Xi.

### DELTA TAU DELTA

Gamma Beta Chapter of Delta Tau Delta takes pleasure in announcing the pledging of Donald Brissman, F. P. E., '37.

Harry Green of Gamma Mu chapter at University of Washington has been staying at the house during the past week.

Spencer B. Cone, Arch., '33, is working in Manchester Center, Vermont, on an architectural project.

### PHI KAPPA SIGMA

A dinner party will be held at the chapter house next Sunday afternoon, November 2. Social chairman Bill Fogle has been making the necessary arrangements and forecasts an enjoyable time for all.

We wish to take the opportunity at this time to announce the marriage of E. E. Eberth, '33, to the for-

mer Miss Marion Wilson. The ceremony took place at Thorndike Hilton Chapel of the University of Chicago last Saturday morning. Hal Reich, '33, acted as best man.

Ping pong has occupied the lime-light during the last week, and Johnny Walker is now house champion as predicted. A practice match

### TRIANGLE

Last Friday night witnessed the return of social life when the first radio dance since rushing was held. To use the stereotyped phrase, "a good time was had by all."

We were fortunate in acquiring some needed desks from the retiring Sigma Kappa Delta house. Now there's little excuse for no work being done.

To correct the announcement of last week that chapter inspection would be held on October 4, we wish to state that it will begin on Saturday, October 11, and continue until Monday, October 13. Brother "Artie" Schwerin will officiate.

### BETA PSI

A ping pong match is being arranged with Phi Kappa Sigma fraternity, and judging from the activity of several members in this line, a bright outlook is viewed. Brother Bristol has been appointed manager of the team. He claims that anyone who defeats him is assured a place on the team.

### RHO DELTA RHO

Last Saturday night the even dozen pledges were initiated into the social life of the Institute. In short, our Pledge Dance was held and enjoyed by all despite the fact that it

## COLLEGE LIFE AS IT IS PICTURED AND AS IT IS

Up at ten and amid the luxurious surroundings of my room, leisurely dressing and selecting appropriate attire from my wardrobe of twenty some suits. To class in my twelve cylinder roadster and reclined comfortably in a modernistic chair for an hour listening to Prof. Adonis about whom the femininity of the campus is crazy. Lunch with Diane and Babe and thence for a drive. Returned for tea at the Theta House. Dropped over to the stadium in time for the third quarter of the game and hurriedly changed into a uniform, scoring the winning touchdown and was carried on shoulders of excited mob. Dinner and dancing with Lily and then for a drive during which I proposed and was accepted. So to Covington to be married and returning home to bed.

### According to the Reformists—

Awoke at eleven with brown taste and headache. Took another eye-opener. Slept through two classes. Took another eye-opener. Slept for an hour. Went to cocktail party. Went to crap game. Went after date. Went after drink. Went to road-house. Went to bed.

### As It Really Is—

Up at seven and put on socks which are standing in corner. Went to class from eight to twelve. Went to lunch. Went to library. Studied 'till five. Went to dinner. Went to library. Went nuts.

—Ohio State Sun Dial.

was sometimes too crowded to even walk, much less dance. But considering the company, the crowding, walking or what have you, was terminated all too soon.

# IT TAKES HEALTHY NERVES

TO BE  
AMERICA'S GREATEST  
STUNT GIRL



# CAMEL'S COSTLIER TOBACCO

NEVER GET ON YOUR NERVES... NEVER TIRE YOUR TASTE

**"GET EIGHT HOURS SLEEP PER NIGHT," SAYS McNAMARA**

(Continued from page 1)

"too' elaborate, or 'too' anything. Third: exercise regularly but in moderation. Exercise is desirable to limber up the muscles, but on the other hand exercise to the point of fatigue is more harmful than none at all. There is no necessity for building a huge set of muscles unless you intend to be a sailor or a longshoreman—or something, and you want to remember that very few of the phenomenally 'strong' men live to an old age. Regularity over intensity; and moderation in all exercises. Very few men are athletes, or capable of being athletes, yet the ordinary individual should be just as 'fit'—minus the muscle of course—as any football player.

"If you don't believe what I've told you, why just ask Bill over here." By Bill, Dr. McNamara referred to Coach Bill Kraft, basketball and baseball coach of the Techawks. And Coach Kraft, after depositing a basketball and volley ball in a corner, added several side lights to the "Doc's" remarks.

"Well," said the coach, "Doc sure

hit the spot. And what he said about sleep goes double. I think sleep is about the cheapest and yet the most expensive thing a man can buy. Make good use of it. You know, the Big Ten abolished training tables about ten years ago because of the expense and because of certain 'political' reasons, but right now there is some talk by Yost and Huff of bringing them back again because they think better athletes can be turned out. There is no doubt about it that what applies to athletes applies to everybody, and the common sense rules of 'keeping fit' mean just as much to the average man of any age as to a Notre Dame football star.

"Basketball actually is a more strenuous sport than football, and I lay the matter of training up to each players discretion. Just as in studying efficiently, the basketball player has got to be 'fit' to play efficiently. And I can tell in two minutes on the floor whether a man is really 'fit' enough to play on my team.

"And, oh yes, of course you fellows ought to be told that it doesn't pay to worry—about anything whatsoever. Chances are that if you worry about flunking calculus, you'll pass it with a 'B', while chemistry will give it to you in the neck out of a clear sky."

**Putland Speaks To A. I. Ch. E.**

Mr. A. W. Putland was the feature speaker at the A. I. Ch. E. meeting held last Friday morning in Science Hall. His discourse which proved exceedingly interesting was well delivered, and concerned a few of the important reactions of organic chemistry. Mr. Putland is well qualified to speak on the subject of organic reactions because of his vocational connections with Armour and Company.

Because vegetable oils are becoming of greater importance in the production of food products, Mr. Putland's talk covered many of their properties, their preparation and by-products, and their uses. The uses of cottonseed oil in food preparations have been greatly increased since the process of hydrogenation of oils was discovered, said Mr. Putland. Mr. Putland's talk also disclosed a few reasons for the high price of shortenings: the cost of the catalyst which must be used to bring about hydrogenation of the oil, comprises about 33 per cent of the total expense of the hydrogenated oil. This high cost of a catalyst is due

**Boeing Flying School Offers Scholarships**

American university and undergraduate students again have the opportunity to secure the W. E. Boeing scholarships being awarded during the 1933-34 school year by the Boeing School of Aeronautics, Oakland, California.

The scholarships will represent the fifth annual W. E. Boeing presentations, which comprise four aeronautical framing courses, with tuition value rated at \$75,000. Scholarships are to be awarded on the basis of an essay competition.

**Three Requirements**

To be eligible, the student must meet the following requirements:

1. He must be an undergraduate student in regular attendance in some university in the United States or Canada, which offers at least two years' work leading to a bachelor's degree in arts and science.

2. He must be of the white race;

to the fact that it can only be used a few times in the hydrogenation process. The conditions of the hydrogenation tank must be varied according to the type of oil in it.

between the ages of 18 and 25; of average height; normal weight; have normal eyesight, and be devoid of any physical handicaps.

3. He must write an essay of between 1,800 and 2,000 words on any aeronautical subject he may choose, subject to the approval of the National Committee of Award.

Determination of the awards from the three points will be emphasized in different degrees: (a) the completeness and soundness of the subject matter; (b) the success of the candidate in analyzing his subject matter and drawing of conclusions from it; (c) the merit of the paper as a composition, and (d) originality and subject matter.

**Award Complete Course**

The winner of the first award in this contest will receive a complete Boeing Master Pilot Ground and Flying Course, covering 250 hours of flying and 930 hours of ground school, exceeding by far the requirements necessary for a transport pilot license.

Competition will close April 1, 1934, and essay subjects selected by candidates be approved prior to March 1, 1934. Additional information on the scholarships may be obtained by writing to the Boeing school.

**S. A. E. Paper Written by Armour Alumnus**

Fred L. Faulkner, who matriculated at Armour in 1905 and who at the present time is in charge of the Armour and Company Automotive Department, has prepared an article on "Automotive Operation and Control" for the Chicago Section of the Automotive Engineers. As a member of the Chicago Branch he has charge of publicity and is an officer of the membership committee. The article will be presented at a meeting which is to be held tonight at the Hotel Sherman.

This article covers in the broadest way the utility of the motor truck, the economics of operation, and deals with such questions as the practical phases of operating problems and the factors involved in centralized control. It reflects to a considerable extent the author's long experience in the management of one of the largest of the national fleets and the methods of direct and indirect control and supervision of some six thousand vehicles.

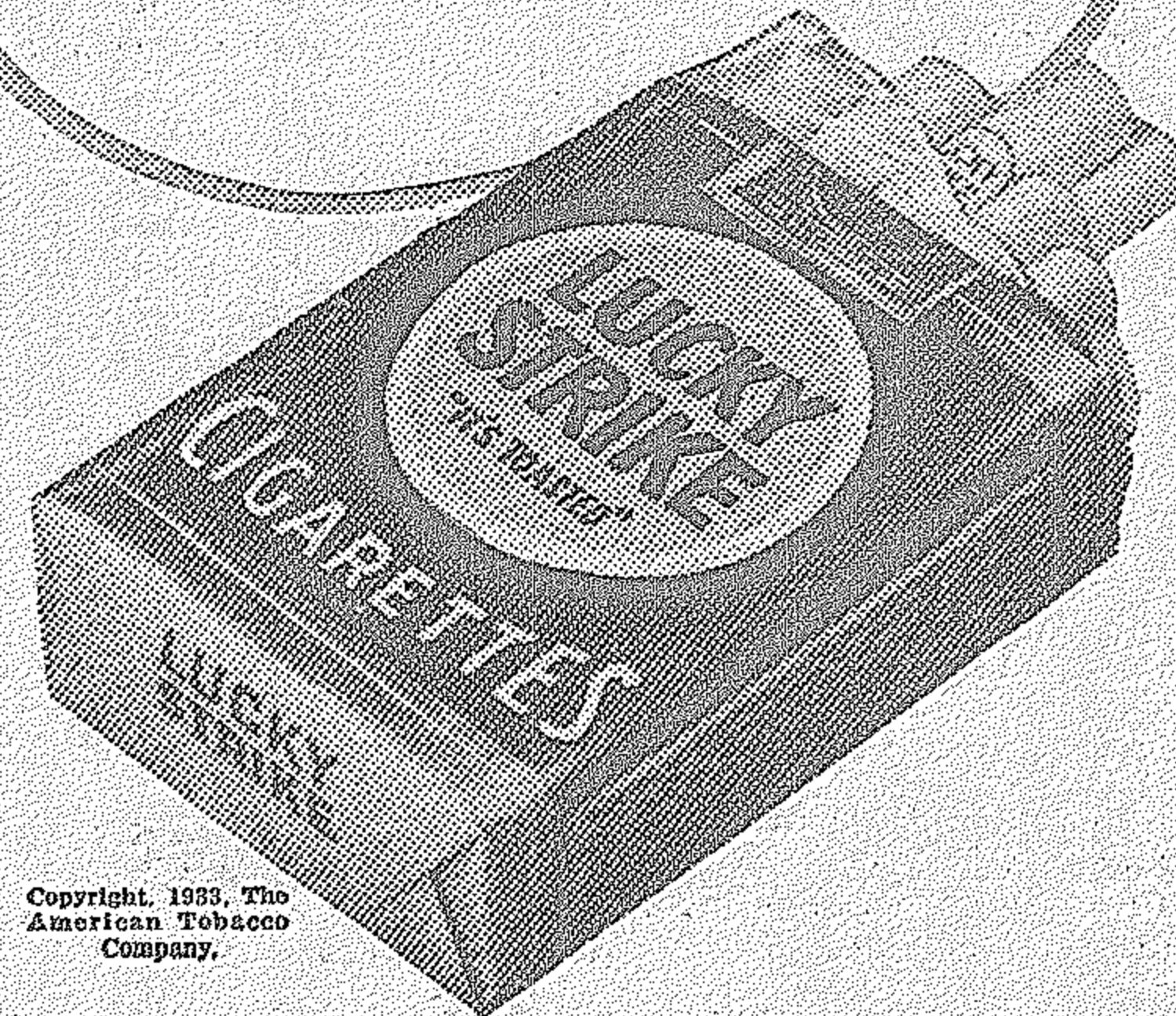
University of Iowa's 1934 track team will have meets in Cuba and California.



ALWAYS the finest tobacco

ALWAYS the finest workmanship

ALWAYS Luckies please!



Copyright, 1933, The American Tobacco Company.

Airplane view of American Tobacco Company warehouses at Reidsville, N. C.

**One Hundred Million Dollars worth of fine Turkish and Domestic tobaccos are being aged by the makers of Lucky Strike**

In fine warehouses like these—open to soft Southern breezes—a huge reserve of choice Turkish and Domestic tobaccos is aging and mellowing. 27 different kinds of tobacco, "the Cream

of the Crop"—for nothing but the best is used to make Luckies so round, so firm, so fully packed—free from annoying loose ends. That's why Luckies are always so mild, so smooth.

"it's toasted"

FOR THROAT PROTECTION—FOR BETTER TASTE

## JUICERS CONQUER FIRE PROTECTS IN TOUCHBALL BATTLE

### F.P.E. Squad Sees How a Winning Team Functions

#### Electricals Seek Competition

Just to show that if Armour Tech had a football team it would be a darned good one, a group of junior electrics and fire-protects, plus several stray men from other departments, got together last Friday morn to play a game of football. Because of inadequacy of equipment, etc., the touch tackle type of the sport was resorted to. Nobody was hurt and a good time was had by all.

The real reason for the game was, that between the third year electrics and the fire-protects of the same rank, each group thought it was "par excellence" plus. Plainly speaking, the other bunch was just a plain, lousy, bum, no-good flock of "Electri-protects." The challenge could not be denied. The teams lined up on opposite ends of the gridiron adorning Ogden Field, but alas and attack. Facing eight E. E.'s, on the east end of the field, were twelve noble sons of the F.P.E. variety. What to do was the question of the moment. "We'll take 'em all," shouted one of the "Ever-Eadies." Response across the field was, "Take another dozen men." To the rescue came the spectators; two senior civils, raising the hopes of the outnumbered. The other spectator, a photographer without a camera, played informal referee.

#### Tie Score First Quarter

The shock troops of the E. E. team kicked off to the fire-fighters as the opening whistle blew. The receiver attempted to climb a ladder over his interference but was nabbed after a forty yard gain. Here they were stopped and forced to kick on the fourth down, the ball being returned to the five yard line by an aspiring E. E. On the next play, the passer was rushed and tagged behind the goal for safety and two points for the F. P. E.'s. A nice free kick put the ball deep in enemy territory and in a few plays, the Electricals turned the trick and chalked up a safety to tie the score just as the gun blew to end the quarter.

The next two periods were uneventful except for one or two completed passes and several attempted end runs. Lateral passes were also of the pooh-pooh variety. Comes the fourth and final quarter of the game. Both teams are desperate and throw passes thither and yon. Most of them are intercepted or never get there. E. E.'s organize first and score on a long pass that curved away from the intended receiver, to a floater out in midfield who coasted into the goal as the opponents stood dumbfounded.

#### Both Teams Score Again

True to the old tradition, the Ever-Eadies "struck while the iron was hot" and scored again on a short pass through center, about knee high for strike two. The receiver had his nose on the ground and was demonstrating how to fall on the ball and catch it at the same time without dropping it. This aroused the Free Period Eces (pronounced Aces) unto their skins. Taking the kickoff on their own goal line, they started the march across field and scored a belated touchdown on a short pass just over the goal. This time the receiver did a juggling act but no opponent was near enough to mess it up. The final whistle blew and the stands rose to their feet. It was the 11:30 bell.

### Practice for Indoor Track to Begin Soon

The indoor track season will start in about three weeks at the University of Chicago field-house and all freshmen who have any ability are urged to try out for the team.

Armour will start its track practice with the loss of two valuable men Sademan and Oberbeck; this is of importance to the team since they were two of the leading scorers. Sprinters and middle distance men are needed, although new material can be used in almost every department.

Practice will be held at the Uni-

### TECH BOXERS VS. DUNCAN 'Y' TEAM AS SEASON OPENS

When an athlete actually states that he feels better after a workout than he did before said exertion, he must be in condition. One of Herr Weissman's leather-pushers was heard to make the above break, and here's hoping it is true of all the boxers—they have a meet in two weeks. Manager Castanes has secured a debut for this season's activities, and incidentally for all school athletics. It takes the form of an exchange of bouts with Duncan "Y," the west-side department, at the "Y" on November 17th. If possible, a few wrestling bouts will be tossed in, and as previously stated, the "musclers" are ready and willing.

Excepting heavy and light heavyweights, the boxing team should and will make a strong showing. As many as forty men have been reporting to practice recently, and from this group, vets and lesser lights, the coach should call out a capable group of athletes. The evening should see about 8 or 10 men in action. It is probable that a return match will be scheduled with Duncan early in December, with Armour the scene of activity.

**Tournaments Drawing New Men**  
With the intra school tournaments drawing closer, activity in both boxing and wrestling, is present in such volume as to make one's presence in the gym a hazard. These tournaments are among the latest additions to the Tech sports schedule and are open to all except lettermen. Anyone desiring to initiate himself with the intricacies of the sports should certainly list himself as a competitor. All weights and sizes are included.

The wrestling team has no definite program as yet, but it is the finest group that has ever prepared to open a season for the old Alma. With at least three powerful and scrappy heavyweights and men in the two lighter divisions the team is balanced. New men in the middleweights might shove out some of the old names as the meets draw near. This competition certainly assures the team of strenuous practice and consistent turnouts. So, bring on the schedule, the team is ready!

### Greek Fives Practice for Basketball Tilts

Interfraternity basketball begins November 13 when Delta Tau Delta has its practice for the tournament which will start November 27. Each fraternity is allotted one afternoon of practice in the Tech gym prior to the games. Phi Pi Phi won their fifteenth consecutive title last year and have good material this year from which to pick another championship five.

The Phi Pi Phi's have captured 5 permanent trophies and this year are set upon getting the first leg on their sixth prize. Although the Phi Pi's are the favorites their opponents claim to make a contest of the tournament this fall.

The pairings for the first round are: Delta Tau Delta vs. Rho Delta Rho; Theta Xi vs. Sigma Alpha Mu; Beta Psi vs. Phi Pi Phi; Kappa Delta Epsilon vs. Phi Kappa Sigma; and Triangle drew a bye. These games are to be played November 28 and 29, two games each night. The first four teams play the first night and the last four the second night.

#### Practice Schedule

- Nov. 13—Delta Tau Delta.
- Nov. 14—Rho Delta Rho.
- Nov. 15—Theta Xi.
- Nov. 16—Sigma Alpha Mu.
- Nov. 20—Triangle.
- Nov. 21—Beta Psi.
- Nov. 22—Phi Pi Phi.
- Nov. 23—Kappa Delta Epsilon.
- Nov. 24—Phi Kappa Sigma.

versity field-house, from the third week in November until the end of December. No meets are as yet scheduled during December except the interclass relays which will be the nearest semblance of a meet held in that period.

Although no definite schedule has been decided upon yet, Chicago University, Loyola, and North Central will undoubtedly be on it. These schools always have sent out good track teams and with the material Armour already possesses the outlook is anything but optimistic unless there are freshmen who can really run.

### John Schommer Gives Radio Talk

Last Friday Prof. John Schommer spoke over the radio on Pat Flanagan's Sport Revue at 6:00 P.M. It consisted of questions and answers; the questions were asked by Pat Flanagan and dealt with football and the duties of the football officials and the answers were supplied by Prof. Schommer. Their conversation went something like this:

**Flanagan:** "What effect would the widening of the football field, as suggested by coach Slip Maligan of St. Mary's, have upon football?"

**Schommer:** "The widening of the field, say, from 10 to 20 yards, would result in a wide variety of sweeping end run plays and lateral passes; in general it would make the game of football more open, which most likely would meet with the popular approval of the football fans."

**Flanagan:** "Are the football officials ever wrong in their decisions?"

**Schommer:** "In the direct application of the rules the officials do not err, but in matters of judgment as to whom to award the ball after a fumble when the action is rapid and marked by a pile up of players the official is apt to make an erroneous decision. The same applies to ruling on a touchdown where the play is hidden by a pile up or to the determination of whether or not the

ball passes between the uprights on a field goal attempt."

**Flanagan:** "Do you inspect each player before the game?"

**Schommer:** "The officials inspect the players to see that they are properly dressed before starting the game. This is hardly necessary any more since seldom do we find the players donning illegal equipment, such as lead foil under the tape on their hands, steel support built in their uniforms, and the like. The present day college football player is a good sportsman and does not resort to the tricks employed in the olden days."

**Flanagan:** "What, in your opinion, was the most thrilling play that you had to judge?"

**Schommer:** "In the dedication of the Ohio State Stadium before 92,000 spectators the most thrilling play came up, one that might have proven a turning point in this hard fought game. It was a question of who should be awarded the ball because of interference on a long pass—the decision was double interference, which meant the down had to be replayed."

**Flanagan:** "You speak of interference. How do you know if it is accidental or intentional?"

**Schommer:** "In order to determine this the official usually watches the player's eyes. If he is watching the ball and collides with another receiver it is evident that he was making an earnest effort to play the ball

opponent in completing the play."

### Oil Engineer Gives Speech to A.S.M.E.

the engine is standing still in cold weather, and to atomize easily in order to spray moving parts.

In speaking of distribution, he mentioned that the oil must have small resistance to flow, so that it may circulate easily. This is often difficult to do in engine designs which make circulation of oil very hard. "High capillary attraction is a necessary property for 'flowability,'" said Mr. Butterfield.

#### Mentions Oil "Character"

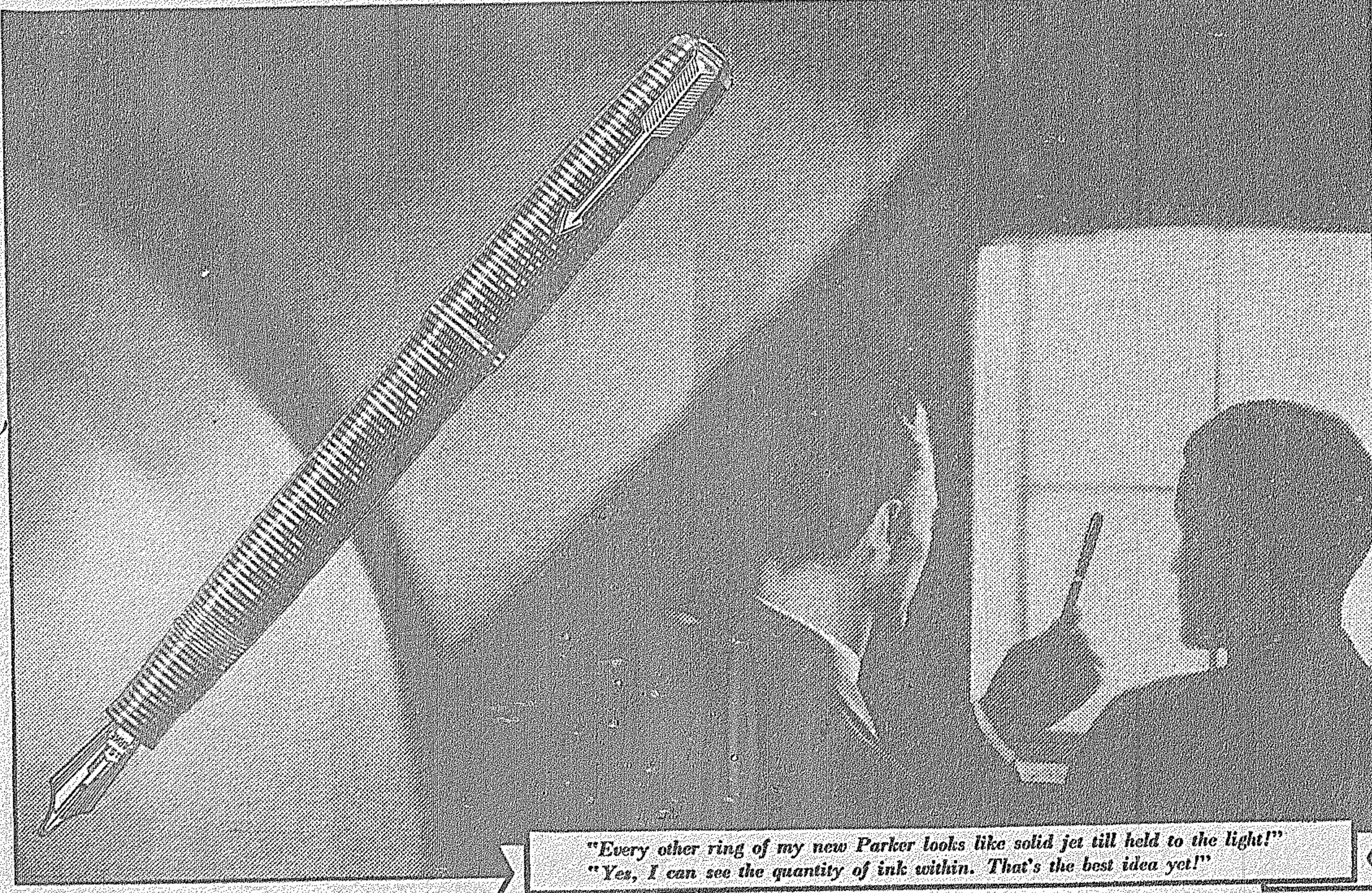
Due to high piston action, which throws off any large quantity of liquid oil, the lubricant must have great adhesion to the piston walls, and present a smooth, wax-like surface in order to keep motor parts from rubbing. The oil penetrates the surface of the metal in the engine, and keeps smooth action. This power of a good oil is an indefinable property which is called the "character" of the lubricant.

Especially in the present era of high compression motors and more pep in pickup is carbon a dangerous element in engine efficiency. The right kind of oil can minimize collection of carbon when used in the right way. A heavy oil which will burn cleanly will do the job, but, and this may surprise many motorists, to burn oil cleanly the engine must occasionally be heated up to a high temperature, since the oil is made for a heat generating engine. If it is cool too long it remains too heavy and fails to burn cleanly.

## NO MORE RUNNING OUT OF INK

—due to this Vacumatic Filler Pen Invention

**Success—Holds 102% more ink—Shows when to refill!**



### Now You can SEE When Your Pen needs Refilling through new Transparent Rings in this Laminated Pearl Pen Barrel A luminous Beauty—a captivating new Style—Ultra-Smart and Exclusive

#### For Birthdays and Other Gift-time Events—the gift never given before!

Geo. S. Parker now presents the stirring climax of his revolutionary program of basic innovations and vastly better principles in fountain pens.

These are embodied in this utterly NEW-TYPE pen—the Parker Vacumatic Filler.

It completely gets rid of the customary rubber ink sac. More than this, it's the first sacless pen to abolish piston pump and valves—contains no device that will render it useless later. And it holds 102% more ink, with no increase in size!

At the start, we furnished dealers with plain transparent demonstrators, so the public could see how this pen fills by vacuum—see the double quantity of ink it holds. Immediately thou-

sands wanted to buy these show models, because their transparency discloses when the pen needs filling.

Said Mr. Parker: "If our designers can do it, we'll give the public something even better. We'll make the transparent barrel with all the pearly rings, all the smart style of our solid Pearl and Jet laminated barrel."

Now this transparent, laminated pen is also ready at \$7.50, [as well as the plain transparent style at \$5.00]. The first of its kind, and non-breakable. Alternate rings of Pearl and transparent Amber, which look like rings of Pearl and Jet when this beauty is once filled with ink.

No matter what pen you already have, you'll say to yourself: "Here's the greatest pen invention yet! It will repay me a hundred times, because it will be on the job 100% every minute." That's worth \$7.50 of anybody's money, isn't it? All right,

notes on the upper side, writing your regular hand

on the lower side,—fine to broad. You would have

to carry two ordinary pens to do the work of this

one all-purpose writer. Its Iridium tip is as smooth

as the bearing of a watch; responds instantly,

writes flawlessly.

Stop today at the nearest pen counter and see this miracle pen. Hold it to the light—see the ink within. See how it ends the last objection to a fountain pen—ends running out of ink at the critical moment!

No matter what pen you already have, you'll say to yourself: "Here's the greatest pen invention yet! It will repay me a hundred times, because it will be on the job 100% every minute." That's worth \$7.50 of anybody's money, isn't it? All right,

stop at any dealer's today. The Parker Pen Company, Janesville, Wisconsin.

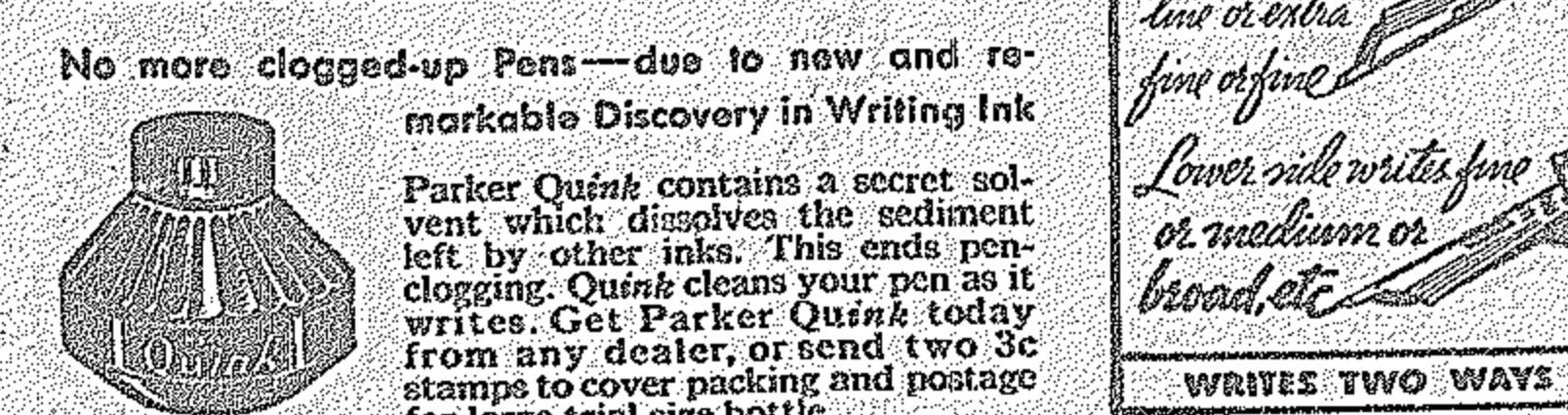
**Parker**  
**VACUMATIC FILLER**

\$7.50

\$7.50 Model  
a Two-way Writer

Its point—of precious  
Platinum and Gold—is  
Reversible,—writing  
hairline numerals and

Laminated Pearl or Plain Jet Pencil to Match, \$3.50  
Jet or Plain Transparent Pen, \$2; Pencil, \$2.50



## CAGERS TURN OUT FOR BASKETBALL PRACTICE IN GYM

Tech Squad to Be Cut to 30 Candidates

### Basketball Schedule is Booked

An auspicious turnout of more than forty basketball candidates answered the initial call made by Coach Kraft and appeared at the first meeting of the coming cage season, held last Wednesday afternoon in the Tech gym. This hearty response pleased Captain Ray Pfum and Manager Harold Davidson, and as in the case of the first meeting for the Techawk swimmers, gave proof that the Armour fighting spirit was on a definite upgrade.

Bill Kraft, veteran coach of many successful basketball campaigns, is back again with the cagers after being forced to retire from activity last fall because of illness. The meeting opened with a short talk in which the coach stressed the importance of good foods, proper rest, and a correct mental attitude toward the game. During the meeting Coach Kraft explained a few simple fundamentals of the game, details of future proceedings and the method of conducting the practice sessions.

### To Cut Down Squad

It was decided that basketball practice would continue to be held up in the Tech gym on Wednesdays and Thursdays while on Friday of this week the squad would report at the Eighth Regiment Armory, at 36th and Giles Avenue, the home floor for the Armour team, where a regulation hard-wood floor is available for the future Tech varsity. Tomorrow afternoon the squad will be cut down to thirty candidates in order that more attention can be paid to each individual in the short time available before the regular schedule opens.

During the meeting Captain Pfum and Manager Davidson were introduced to the new men. Ray Pfum stated in a few words his appreciation of the turnout and the importance of developing a fighting spirit. Immediately after the meeting, the large squad was divided into several groups and the fundamentals of basketball were practiced extensively. Methods of holding the ball, short chest shots at the basket, pivot and over-arm pass, follow-through pass, the single bounce pass and other essential fundamentals were stressed.

Another fact that Coach Kraft mentioned was that although a lot of lettermen were returning, any candidate has an equal chance to make the team, ability proven, even to the extent of taking Captain Pfum's place.

### Tough Schedule Ahead

As it can be seen from the schedule, the Techawk squad will have to face one of the toughest schedules in the history of the school and will need a lot of intensive practice and the whole-hearted support of the school to make the cage season a success. The opposition this year consists of some of the finest teams in the Middle West.

Of the seventeen games scheduled to date, nine of these games will be played at home. This will give the Armour student body a chance to root and see some real basketball games.

Manager Davidson announced that a definite schedule has been arranged with the exception of the game with Arkansas State on December 18, which is tentative.

### Varsity Basketball Schedule

Dec. 6—George Williams at Armour.

Dec. 9—Armour at University of Chicago.

Dec. 14—Armour at North Central.

Dec. 18—Arkansas State at Armour.

Dec. 20—Chicago Normal at Armour.

Jan. 5—North Central at Armour.

Jan. 11—Armour at De Paul University.

Jan. 13—Armour at Augustana.

Jan. 18—Armour at Wheaton.

Jan. 20—Armour at George Williams.

Jan. 26—Michigan State Normal at Armour.

Feb. 3—Armour at Detroit City.

Feb. 5—Armour at Michigan State Normal.

Feb. 8—Wheaton at Armour.

Feb. 16—Detroit City at Armour.

Feb. 21—De Paul at Armour.

Feb. 23—Augustana at Armour.

## Wattley Defeats Shanahan in Tech Golf Tournament Finals 3 and 2

The annual Tech golf tournament drew to an end Saturday, October 28, with the two finalists playing at Evergreen. The match was finished at the end of the sixteenth hole with Tom Wattley victorious over Jack Shanahan, 3 and 2. Playing under adverse conditions, and on an exceedingly cold and windy day, both men played as well as could be expected.

The match started off with Wattley winning the number one, three and four holes; and Shanahan taking the second. At the fifth Wattley lost his ball in the rough, losing the hole to Shanahan as a result. Shanahan was stymied on the next hole leaving him two down, and the seventh was halved, both men chalking up a par four.

### Shanahan Two Down for Nine

Shanahan started the eighth badly, rolling a long brassie shot into a trap. Meanwhile Wattley, using his niblick to good advantage, was lying on the green in three. He holed his putt for a par four while it took Jack 5 strokes to hole out. A nice 12-foot putt for a par three won the ninth hole for Shanahan, leaving him still two behind Wattley.

To open the home stretch Shanahan just missed an eagle and had to be content with a birdie three; Tom taking a par four. Both men were on the green in two; Jack's second shot rolling over the cup. The eleventh was taken by Tom with another par four, while the twelfth was halved, each taking four strokes on a par three hole.

Shanahan was handicapped at the thirteenth hole when his drive hit a tree and bounced back to the tee. Wattley played safely down the middle and won with another par.

### Wattley Wins Sixteenth

Wattley was stymied at the fourteenth hole and lost that one. In retaliation he stymied Shanahan on the next hole. Both men were on line with the cup at the sixteenth, but it was Shanahan who was again stymied. He made a good try but the ball bounced out of the cup, and the match was over with Wattley winning 3 and 2.

As only sixteen holes were played there could be no accurate individual score for eighteen holes. But the following statistics might be used to judge the worth of Wattley and Shanahan: Wattley was out in 40 and in with a 31 for seven holes for a total of 71 for 16 holes of play. He made nine pars. Shanahan was out in 42 and came home with a 32 for a total of 74 for 16 holes. He made four pars and a birdie.

### Wattley:

Out —	5 5 3 4 6 5 4 4 4	—40
In —	4 4 4 5 6 4 4	

### Shanahan:

Out —	6 4 4 5 5 6 4 5 3	—42
In —	3 5 4 6 5 5 4	

### Medal to Victor

Coach Leigh announces that the medal award will be presented to the winner in the near future. It is hoped that the presentation will be made at a student assembly.

## TECH SHORTS

By Ray Fleissner

Suggestions have been made to the effect that touch football be added to the list of inter-class sports. Several games were played in the last few days which shows that the sport is popular, but to make such a tournament more of a success than the present inter-class sports are, we would suggest that it be made inter-class and inter-departmental at the same time. This would make a longer and more complete series, and produce the proper amount of rivalry.

Such a tournament would have to be started immediately, and if a representative of each department-class, (i.e., senior mechanical, junior civil) turns in a short list of periods that the regular men of that class have open, to the News sports department, arrangements will be made to match the teams in some definite series of games. Any suggestions forthcoming will also be given proper thought. The best probable system would be to have each of the registered teams play every other team in the league, and determine the winner by the percentage basis, giving a much better arrangement than the other inter-class sports provide. The teams should have about nine men, thus allowing every man in his class to play, another advantage of the tourney.

Awards would not be necessary unless proper provision be made, as most of the fellows play for the sport itself.

**Listen My Children!**  
They have our own Jawn Schom-

mer at it again. But this time we have him where we want him—over the radio. We can turn him off anytime we care to. Listening to the program last Friday, there was only one thing wrong. Of the fifteen minutes of its duration, only six or seven were taken up by John, and his stuff was the most interesting. A review of the program will be found on the inside of this issue of the News, for those who couldn't tune in.

A petition is being circulated among the lettermen here in charge of athletic letters. It was presented at the Honor "A" meeting last week and seems to be pretty well advanced.

The main objection to the new "A's", is the color combination, and a letter similar to the old style is more popular. Our athletes evidently don't approve of flashing advertising, proving that they are a modest bunch.

The size and quality of the basketball turnout last week makes us all feel good. Not that a prediction is going to be made. We got it on the chin again last week when Tom Wattley showed us by defeating the people's choice, Jack Shanahan, in the finals of the golf tournament. Good work, Tom. You get the medal.

STANDING		
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It's a good thing there's nothing definite to predict for a while now. But the interfraternity games will be here soon, and with the indoor track season in the offing, something will be doing anon.

### Boxers to Have Meet Soon

If everything goes off right, the boxing team will have a meet a week from next Friday, according to Jimmy Castanes, manager. The pugs are all for it, even though they have been practicing for only a few weeks. From all indications the boxing and wrestling tournaments will be bigger and better than ever. Better start training now or never.

Don't forget the touch football tourney. Turn in those free periods.



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