



SIDELINES

By Leroy Beckman

To follow the ideas of an individual of little reknown may become quite boring. But we will suggest that you follow Col. Leonard P. Ayres at all times. He is interesting at all times, especially when he is interpreting economics to the layman. In a recent bulletin of the Cleveland Trust Company he attacks "Seven Economic Fallacies." He calls them mass delusions that are helping form public opinion.

Summarizing the attack, the following steps are representative.

(1) Overproduction did not cause the depression; production, prices, and employment were in good balance, he contends, in the period of prosperity before the crash.

(2) The concentration of wealth is much exaggerated. There are no reliable figures on the ownership of wealth. Figures compiled on the run of incomes indicate an unevenness of distribution, for which Col. Ayres suggests several important changes. The upper tenth of the income receivers get a third of the total, which does not indicate that 2% of the people own 80% of the wealth, as a Cabinet official is reported to have said.

(3) Business cannot stand a system of taxation without limit; its profits are narrow enough in the best of years.

(4) The argument that we can afford to spend as much tax money in a war against depression as we spent in the World War has force, but after all, we could not afford to spend the amount the World War cost. The total of the local, federal, and state taxes amount to about 90% of one year's income, but the income is badly shrunken, a trend that needs to be checked.

(5) Inflation is the most insidious fraud of all; if we all had more money, we could not all buy more goods.

(6) Increasing consumer purchasing power will not cure unemployment; unemployment now is concentrated in the heavy industries.

(7) Levelling of incomes would make less difference than is commonly supposed. If all wages, salaries, bonuses, and shares of properties had been divided equally in 1929, every wage earner would have received \$131 a month, instead of \$119.

The federal government should find its scissors and start cutting, as should every other form of local government. A count just completed by Professor Anderson of the University of Minnesota revealed 175,418 local governments in this country. It required two years to count them. This total includes 127,000 school districts, 16,000 incorporated cities or villages, 20,000 townships, and 8,600 miscellaneous sewer districts, park districts, mosquito abatement districts, and many other units. The disgusting part about this assortment is that each has a payroll and the power to tax.

Smoker Is Planned by Alpha Chi Sigma

November fourteenth is the date set for a smoker given by Alpha Chi Sigma, professional chemical fraternity, for juniors in the chemical department. After the Christmas holidays a second smoker will be held for sophomores. The purpose of these smokers is to get the chemical engineers acquainted and to examine them as prospective pledges.

Alpha Chi Sigma was founded at the University of Wisconsin in 1902. The Armour Chapter received its charter in 1930. It was formerly a local fraternity called "Flask and Beaker". There are 47 undergraduate chapters and 17 professional chapters whose purpose is to bring chemical students and professional chemists into closer contact.

Sophomore Class to Have Jackets

Out of chaos arose tranquility as the Sophomore class was called to order last Tuesday by its newly elected president, Frank Hackman. A question was immediately brought up in regard to the adoption of class jackets. In the midst of the discussion a quantity of vociferous stragglers were noted, but in a few minutes, when all again was serene and orderly, the discussion was resumed, with the point of discussion in apparent favor.

Select Jacket Committee

It was finally decided by a majority of those present, that there would be class jackets. The committee to take care of obtaining samples and prices is to be appointed by president Hackman with the aid of the remaining officers.

Sample jackets of heavy and medium texture will be shown at the next meeting, at which time the price and kind of jacket will be decided upon.

Stag Party Is Approved

The report in last week's *Armour Tech News* of an impending sophomore dance was disclaimed as an error by both Hackman and the social chairman, Rusty Tomei.

Instead it was proposed that the sophomores hold a stag party. This motion was almost unanimously passed, the details being left to Tomei.

The Freshman question again reared its green head, but a report of the rule enforcement committee quoted that green caps were being worn quite regularly with but occasional lapses. Miscreants, it seems, were quickly made aware of their misdemeanors.

Scherger Will Speak Here Armistice Day

Armistice Day will be celebrated by an all-student assembly on Monday morning of next week at 10:30 o'clock. Dr. George L. Scherger, an Armour professor on leave of absence will deliver the address on "The Meaning of Armistice Day."

Dr. Scherger is pastor of St. Paul's Church in Chicago. While at Armour, Dr. Scherger has acted as chaplain and professor of history and political science, in addition to teaching elementary German, French, and Spanish.

The orchestra and Glee Club will present several selections during the program.

Semi-Annual Pledging of Pi Tau Sigma Held

Because of their scholastic standing and school activities, William Alt, Frank Cotterman, Henry Mayerowicz and Harry Nachman were made pledges of Pi Tau Sigma, honorary mechanical engineering fraternity, last Thursday. Professors Nachman, Perry and Roesch acted as sponsors.

The exact nature of the thesis of the pledges has not been determined as yet. There is a possibility of deviating from tradition by substituting for a thesis a talk of short duration before the mechanical group.

Phi Lambda Upsilon Admits Five Juniors

Phi Lambda Upsilon, honorary chemical society, pledged five men of the junior class last Thursday evening. Those pledged were: J. H. Johnson, J. F. Kahles, H. P. Millerville, R. M. Paulsen, and O. Zmeskal.

The pledging, which took place in the Tau Beta Pi rooms, was preceded by a laboratory examination in which the knowledge and technique of the candidates was investigated. The men came through with flying colors—pledge ribbons of red and blue litmus color, which they are now wearing.

PLACEMENT GROUP TO ADJUST PLANS FOR EMPLOYMENT

Four Committees Will Work on Important Problem

SEEK MORE CONTACTS

Best evidence of the serious purpose in which the Faculty Placement committee was conceived was strongly given at its first meeting. The pressing question of coordination through which the committee acts as middle man between industry seeking men, and engineering graduates, seeking jobs, was considered from many angles, and actual constructive steps were taken in the direction of greater efficiency in meeting both these needs.

Place Men to Fit Jobs

Of primary importance is that study of human value known as personnel work. The committee agreed that real effort should be extended to find jobs that fit the man and to place men to fit the jobs. A system of recording by which the special aptitudes and abilities of each graduate are noted so that a position which fits his own particular taste may be given to him is one improvement which was approved by the committee. Men who are not satisfied with their present situations may be placed in happier circumstances by such a system.

The possibilities of development in this field are tremendous. To give full opportunity to study of the question, the Placement committee has been subdivided into four subcommittees. A systematic study of the relations between faculty and alumni is to be made by a group consisting of Professor Roesch, chairman, and Professors Freeman and Schommer.

Industry to Aid

A committee to similarly treat the relations between faculty and industry, that is, the capacity of the faculty to approach industry in regard to the establishing of engineering jobs in fields which have lacked them, and in regard to ordinary placement matters is headed by Professor Huntly. Its other members are Professors Finnegan, Freeman, McCormack and Vagtborg. The faculty-student question is put up to Professors Finnegan, Peebles, Mr. Setterberg, and Professor Suter. Professor Peebles is the chairman of the committee.

Cooperation of the faculty with an organization known as the Industrial Relations Association of Chicago is being taken up by a fourth committee headed by Professor Dutton who is working for Professor McCormack.

The work of the subcommittees is hoped to help make an easier road for Armour graduates in the future. The Alumni have been informed of this in the last report of Dr. Hotchkiss.

Armour Architects Set Date for Dance

La Bal de Automne, the first social event of the season sponsored by the Armour Architectural Society, will be held in the Grand Ballroom of the Steuben Club on Friday, November 16, at 9:00 P. M. Wilson Barnett's orchestra will furnish the music for the occasion.

The "bad news" is only \$1.25, which makes it possible for nearly every Techawk to go, as students of all departments are invited. Tickets may be obtained in the cloakroom or from any senior member of the Architectural class.

The Steuben Club is located at 188 West Randolph Street (across from the Bismarck) and, incidentally, sufficient parking space is available.

The contest conducted by the class to create the best poster representing the affair was won by Irving Addis, a senior member. The selection of the winner was made by two faculty members.

Social Chairmen Favor Free Bids

With many indefinite plans under discussion, the social chairmen of the four classes were already preparing for Armour's coming social season, and although no final decisions had been made, it was evident that there was a strong sentiment among them in favor of a bigger and better social season for the social committees.

Three of the social chairmen had under serious consideration the idea of trading bids with one another, so the members of all social committees would each receive a free bid to every Armour class dance. Two were definitely in favor of the idea, another expressed no personal opinion but appeared to accept the matter as settled, while the fourth expressed mild disapproval.

Trudelle Favors Plan

W. A. Trudelle, social chairman of the senior class, said, "I believe it makes a cooperative spirit among the classes," and went on to explain that it would help sell bids. He gave the plan his full approval.

O. A. Tomei, sophomore social chairman, was also in favor of the idea. He said, "The social committees do a lot of work, and usually at their own dances they don't get a chance to have a good time, with such matters as watching the doors to be taken care of. In this way, all four classes will work together, and more bids will be sold to each dance."

Juniors Only Dissenters

D. Graham, chairman of the junior social committee, said, "It's good advertising, but expensive. I don't think we'll do it." He explained that none of the other chairmen had mentioned the matter to him, and this they confirmed.

Trudelle stated that he had discussed the matter with none of the others but Tomei, who had in turn talked it over with S. Healy, freshman social chairman. The latter had not appointed his committee last Friday, but appeared to have accepted the "swapping" idea as a customary minor detail.

Question Not Finally Settled

It is evident that no agreement has yet been made to "swap" bids; in fact, Trudelle declared that it would only go through in the event that all the social chairmen agreed on it.

(Continued on page 5)

Tech News Social To Be Without Speakers

An informal get-together for the members of the staff of the *Armour Tech News* on Wednesday, November 14, will give at least one evening free from discussions of calculus problems and space requirements of an obstreperous headline. A feature attraction of this particular social event is the absence of speeches or speakers. The Beta Psi fraternity house, 3337 So. Michigan Ave., and seven-thirty p. m. are the answers to the reporter's twin questions of where and when.

Activities for the evening will consist of pool, ping-pong, poker, perhaps pinochle, and maybe even bridge. The statement that refreshments will be served may help to bring out a big attendance for this affair. This get-together is not to be confused with the annual publications smoker which is sponsored by Sphinx, honor literary society.

Pledge Eight Men to Literary Fraternity

Sphinx, Armour's literary honor society, pledged five seniors and three juniors at a meeting held Tuesday, October 30, at the Beta Psi house.

The seniors pledged were J. M. Bard, C. R. Bristol, O. P. Freilinger, J. F. Humiston, and J. K. Morrison. Those picked from the junior class were F. D. Cotterman, R. R. Johnson, and R. S. Kercher.

These men have been outstanding in their work on Armour publications and their yellow and black pledge ribbons are in recognition of this fact.

INSTITUTE'S PROGRESS IN PAST TWO YEARS TOLD BY PRESIDENT'S REPORT

Financial and Administrative Difficulties Overcome by Adjustments in Staff and Curriculum

PLAN TO RESUME SHOP WORK SOON

All seniors are requested to check their records in the registrar's office with Mr. Kelly before Nov. 15th. A list of students in the senior class is posted on the bulletin board in Main. Any students whose names are not on the list and wish to graduate in June, 1935, report to the registrar's office at once.

A detailed report of the present standing of the Institute has been written by President Hotchkiss, and will be sent to the trustees, and to the alumni. This report tells of a survey of the school and the past policies of the Institute, which reveals several weaknesses which Armour has had, in common with several other engineering schools. The report brought out the fact that Armour has had a tendency to overload the curricula with highly specialized subjects which are difficult and expensive to maintain. Under the present administration, this trend has been corrected to a limited extent. Another limitation which the survey has revealed, arose from the fact that the organization and teaching of certain important subjects had not kept pace with the times.

Adjust Curricula

In order to overcome these and other difficulties several major adjustments of the new administration have been made. The first adjustment was the assumption of jurisdiction by the Institute over all research and testing activity in which the Institute equipment is employed. The second major adjustment was a temporary suspension of shop courses. Certain shop courses will be started as soon as the exigencies of the budget permit. It is hoped that the new courses can be instituted early enough so that no student will graduate without having had the benefits of shop work. It will be recalled by those who have read the report that the subject of English has been discussed. The survey has revealed that instruction in this subject has not been up-to-date. Since this survey, the course has been improved, and the amount of work has been nearly doubled.

Faculty Changes

Dr. Hotchkiss' report also mentioned the fact that the faculty as a whole has undergone considerable change during the past two years. Several members of the faculty have left, and several new men have been added. In addition to changes in the staff, there has been considerable change in internal organization. The titles of Dean of Engineering, Dean of Evening Classes, and Dean of Freshmen have been temporarily abolished. Professor Henry T. Heald has been made sole Dean with full responsibility under the president for the educational program and internal activities of the Institute. The work of the Recorder has been enlarged considerably, and his title changed to Registrar, which carries full faculty status.

The first half of the President's report is given in full on page four of this issue.

Revision Made in Loan Committees

All of the former loan committees have been co-ordinated under a central loan committee. The old committees were: the Faculty Loan Fund, in charge of Dean Heald and Professors Freud and Thompson; the Henry Strong Educational Foundation which was administered by Dean Heald; the Armour Tech Athletic Association Loan Fund which was under the direction of Mr. Allison, and the Alumni Loan Committee which was managed by Professor Moreton.

Under President Hotchkiss' new plan the Central Committee, composed of Professors Freud, Moreton, Dean Heald, Mr. Allison, and Mr. Kelly, will supervise the action of the old committees.

Frosh Urged to Join in Activities

An appeal to the freshmen to enter extra curricular activities as much as possible was the text of Professor Hendricks' talk to the class of '38 at a meeting held Thursday, November 1. The address followed the introduction of the newly elected officers.

The freshmen were urged to display some man-made will power, and, as examples of what could be accomplished by this, Professor Hendricks outlined the origin and development of the *Armour Tech News*. He also used an experience of his to illustrate this very vital source of success.

After this very impressive talk, Claire Dunbar, president of the freshman class, stated that each student should have and develop a desire to forward the class of '38. William O'Brien, A.T.A.A. representative, urged his classmates to enter all athletics even though they were not active in their high school days.

Fraternities Discuss Plans for Semester

At the interfraternity meeting held last Friday at 10:30 A. M. in the Tau Beta Pi Rooms, fraternity plans for the present school year were discussed.

Athletics was the main topic of discussion. Plans for a touch football contest were abandoned as official competition, due to the fact that the proposed schedule would necessarily interfere with the coming basketball season. Plans for a fraternity swimming meet were reviewed. The meet will include seven events. The winner will receive a travelling trophy.

The members proceeded to an examination of rushing activities. Some of the fraternities represented were of the opinion that the present rushing rules are inadequate and no longer serve the purpose for which they were designed.

Glee Club to Present New Series on WGN

On Friday afternoon, November 9, the Armour Tech Glee Club will present the first of a new series of programs over radio station WGN at 4:30 o'clock. Since the appearance of the Glee Club at a Century of Progress Exposition a few weeks ago, diligent effort has been made to prepare a complete program for the broadcast series. This broadcast will mark the fifth for the Glee Club.

The entire musical organization, consisting of the members of the Orchestra and the Glee Club, will appear before the Rotary Club of Chicago in a Thanksgiving Day concert on November 29. Mr. Erickson, director, takes pleasure in announcing that this appearance is in answer to a request resulting from a favorable showing before the same organization last year. The musical clubs membership consists of 100 students; the Glee club has 60 and the orchestra 40.

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We Take a Bow!

On behalf of every member of the staff of the *Armour Tech News*, we wish to express our gratitude for the overwhelming popularity of our publication as evidenced by the attempts of admirers to walk off with anywhere from two to twenty copies apiece of each issue of the *News* during the past few weeks.

Much as we dislike to do so, circumstances force us to limit the distribution from the w. k. desk in the Main building hallway to a single copy per customer. However, to alleviate as much as possible any heart-aches caused by this arbitrary ruling, the managing board has agreed to mail an extra copy each week to each student for the negligible sum of one dollar per semester per copy per student. The circulation manager will be glad to discuss this proposition with anyone who finds that one copy is not sufficient to meet his particular needs.

Read the President's Report

On a subsequent page of this issue of the *News*, the first half of President Hotchkiss' report to the Board of Trustees for the period from January, 1933 to September, 1934 will be found. Although this report might appear at first glance to be a long, uninteresting, and involved one, it is very much otherwise. It is our firm conviction that every present student at Armour as a person vitally interested in the institution's welfare, present and future, should read the report conscientiously and critically. We feel that every Armour student should be given at least the opportunity to read what the status of his Alma Mater is and see what the future plans are for her advancement.

This report, in the form and content which the *News* is publishing, is taken from a pamphlet sent especially to the alumni of Armour; and with the exception of a special note to the alumni from the president, and a list of the newly appointed faculty committees for 1934-35, which list has already been published, as well as the members of the recently formed Council, the report is complete in every way.

Farewell

We simply can't pass up this time (and incidentally space) to shed a few verbal tears of farewell at the passing of a Century of Progress International Exposition of 1934, World's Fair and whatever else it has been called. Undoubtedly, everyone in the student body and faculty has had some contact with the Fair during the two summers it has been here. Some of us have been fortunate enough to work at the Exposition during its existence. It has been a great boon to us in several ways and we mourn its end.

The rest of us have been frequent visitors and wonderers at its all-around excellence.

We also hate to think of not being able to sightsee it again.

"The Slipstick"

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

Some humor? ??

"Pappa, vat is science?"
"O! Stupid vot you is. Science is dose things vat says 'No Smoking'."

LOOKED ALIKE

Mother: "And did the monkey tip his hat when you gave him the penny, dear?"
Tommy: "Yes, mother."
Mother: "And then what'd he do with the penny?"
Tommy: "Gave it to his father who played the organ."

Expecting a Ripe Old Age

The professor of thermodynamics was lecturing. "I predict the end of the world in fifty million years."
"How many?" cried "Tony" Majercik with a frightened voice.
"Fifty million years."
"Oh," said "Tony" with a deep sigh of relief. "I thought you said fifteen million."

Poem With a Kick

On mules we find
Two legs behind,
And two we find before,
We look behind before we find
What the two behind before.

Dan: "Harry was quite angry when I bought this evening gown."
Ann: "Can you imagine getting angry over a little thing like that?"

On Another Campus

Janet: "Oh, Proffy, what do you think of me now that you've kissed me?"
Proffy: "You'll pass."

THE CANNY SCOT

The Scotchman couldn't find his ticket. On the conductor's second trip 'round it was still missing. "What's that in your mouth?" the conductor asked.
Sure enough there was the missing ticket. The conductor punched it and went his way.
"Aw, weel," said Sandy, when several of the passengers laughed, "I'm nae so absent-minded. It was a very auld ticket and I was just suckin' off the date."

1st Soph: "Well, I passed a Calc. quiz at last."
2nd Soph: "Honestly?"
1st Soph: "What difference does that make?"

In closing yours truly appreciates the contribs of B. G., N. Disenhaus, and A. Majercik. Until next week.
R. H.

Railroad Engineer Addresses W.S.E.

Mr. Charles A. Morse, retired chief engineer of the Rock Island railroad, addressed the Armour chapter of W. S. E. last Friday. His speech was divided into his personal experiences and a review of qualities of a good engineer.

After his school days, which were spent at Maine, he became connected with the Burlington railroad as an engineer laying out new lines. This type of work was in great demand in the last years of the 19th century. He gave up this position for one netting a higher salary as an engineer on a Mexican railway.

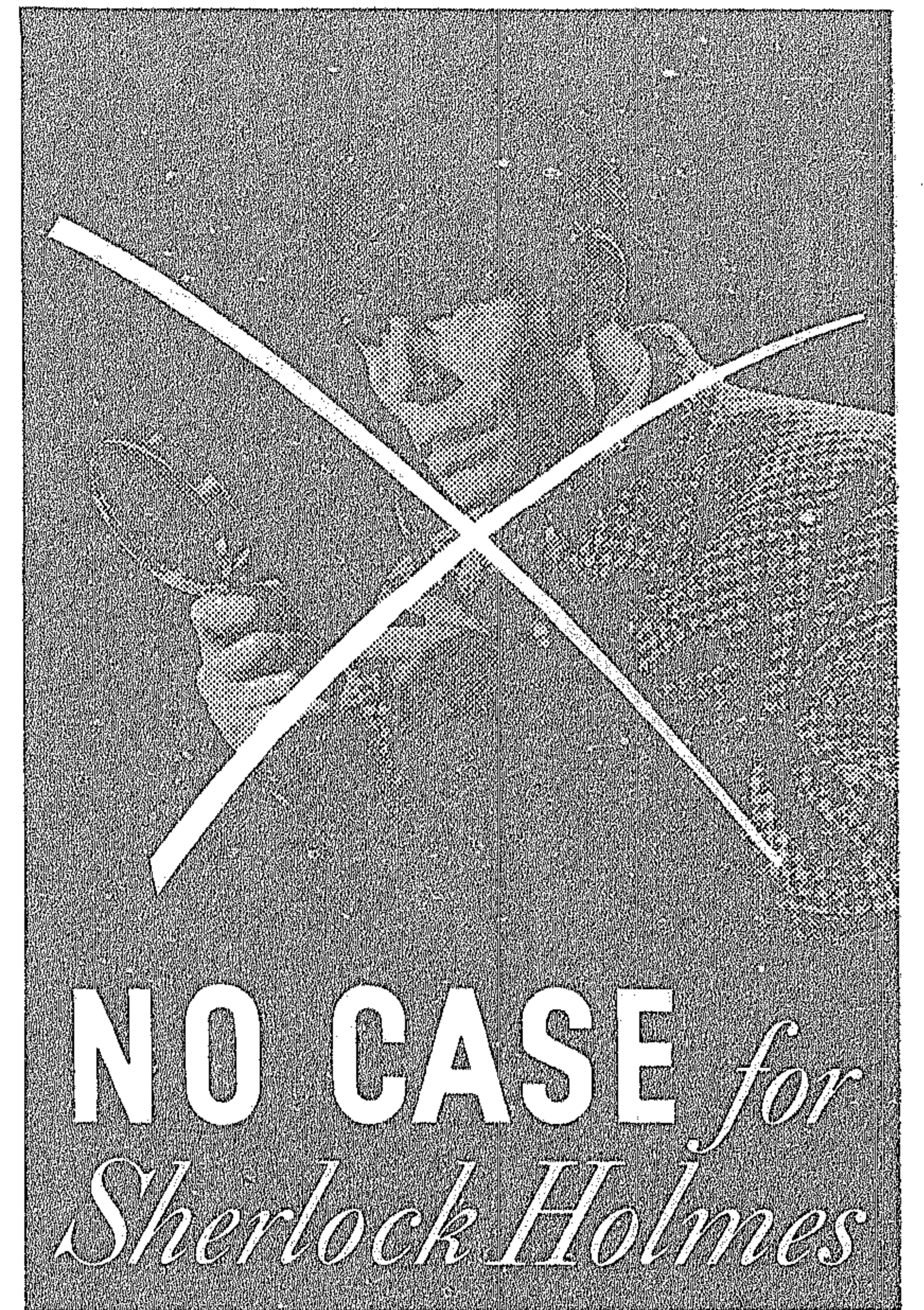
Work Dangerous and Thrilling
This work was very hazardous for he was in close contact with hostile Indians. This did not bother him because his work was interesting enough to make him forget his hardships. He enjoyed his work so much that in the mornings he would have his instrument set up waiting for sufficient light to see his cross hairs to begin his survey, and then continue working until sunset when darkness made vision impossible. Although this type of ambition would discourage most men, his interest in his work made it a hobby for him.

Mail Order House Gives Scholarships

Montgomery Ward and Co. offer a unique opportunity for ambitious students to attain a college education. The plan consists of obtaining orders from friends and parents for which the student receives 15% of the order as credit toward his scholarship fund.

The student may enroll at any time and may select any school in any country. It also includes any necessary and reasonable expenses. When a student has obtained \$500 in orders, 15% of this amount, or \$75, is put into his scholarship fund. Each month thereafter 15% of the total sales credited to his name for the month is added to the fund. This plan may continue as long as the student wishes.

Further information may be obtained from the Dean's office, or from the College Scholarship Department of Montgomery Ward and Co., Chicago.



No detective work is needed in locating the dealer who sells what you want. Just look in the "Where to Buy It" section of your telephone book!

There, local dealers are listed beneath the trade marks of many advertised products—such as Philco, Greyhound Lines, Willard Batteries, Buick and Goodyear. Besides helping you find the brand you want, this service helps manufacturers check substitution, helps dealers increase sales.

"Where to Buy It" is just one of many services pioneered by Bell System men to increase the value of telephone service.

Why not say "Hello to Mother and Dad tonight? Bargain rates on station-to-station calls after 8:30 P.M.

BELL TELEPHONE SYSTEM

Granger Rough Cut



"Why—I don't believe I have used a pipe cleaner in three or four weeks"

Granger leaves no gum in the bowl of my pipe—or moisture in the stem. It burns down to a clean dry ash."

... in a common - sense package—10c

In the manufacture of Granger Rough Cut Pipe Tobacco the Wellman Process is used.

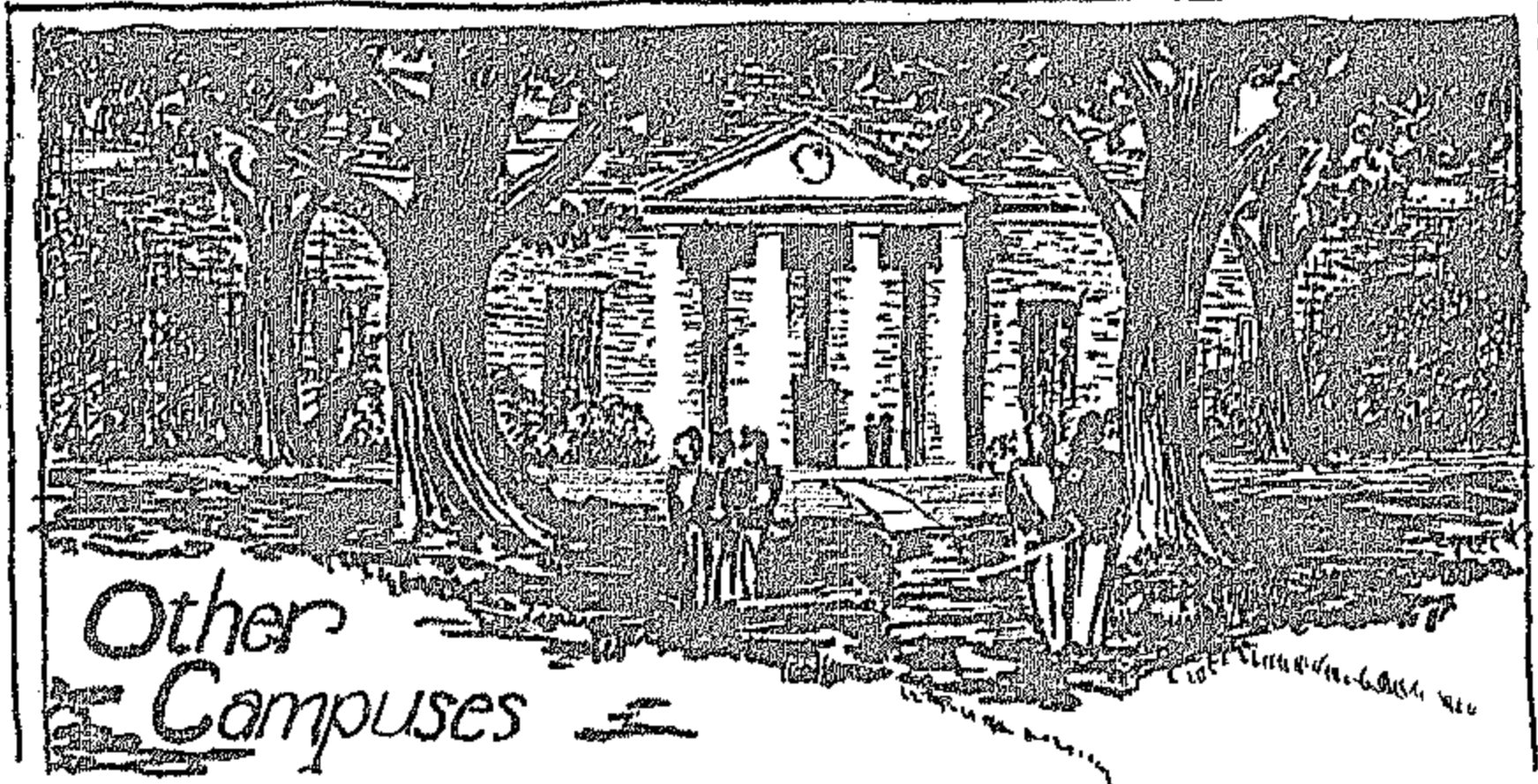
The Wellman Process is different from any other process or method and we believe it gives more enjoyment to pipe smokers.

- ... it gives the tobacco an extra flavor and aroma
- ... it makes the tobacco act right in a pipe—burn slower and smoke cooler
- ... it makes the tobacco milder
- ... it leaves a clean dry ash—no soggy residue or beel in the pipe bowl

LIGGETT & MYERS TOBACCO CO.

the pipe tobacco that's MILD
the pipe tobacco that's COOL

—folks seem to like it



Other Campuses

By John K. Morrison

A group of men students at the University of Washington, who just returned from a course of study at the University of Edinburgh, state that "the girls not only have to pay their own carfare when you take them home from a dance, but they always pay for their own tickets to a theater."

Of all pranks on freshmen at the hands of upperclassmen, we deem this the best:

A freshman at Indiana university in dire need of a hair cut asked an upperclassman where he could best get the job performed and was told he must get a permit from the university physician before the barbers would be allowed to work on him. The frosh spent the better part of one day trying to run down the physician for the permit.

In 1888, Purdue university's first football team, dressed in brown canvas pants and jackets constructed from bed ticking, defeated De Pauw 30-0 in its initial game.

The following definition of a saxophone was given by a student of the North Carolina State college: "A saxophone is an ill wind that nobody blows good."

Bo McMillen of Indiana university says Ohio university's football players were slightly flat-footed in the Indiana-Ohio game. In other words, they ought to be called Coppers instead of Bobcats.

Two co-eds shown in revealing costume in a book advertisement, cost Wellesley college nearly \$200 to have new ones, in more sedate clothes, substituted.

Edgar Allen Poe was a student at the University of Virginia in 1826.

Colgate has introduced brilliantly colored covers for examination books with a view to taking the student's mind off the impending terror. Will this work?

Canada has only 23 recognized colleges as compared to 630 in the United States. Its largest college is the University of Toronto with 7,957 students. The largest one in this country is Columbia with a total of 30,588.

Last spring the town of Hanover, where Dartmouth is located, required all eligible Dartmouth students to vote in order that it might collect a poll tax from them. In retaliation, the students attended a town meeting, where they introduced and passed two bills, proposing the building of a wall around the town eight miles high and the construction of a city hall one foot wide and a mile high. Hanoverians had to take the affair to Washington to get out of building the two structures.

I'd like to be the brainy sort And wear a Tau Bete key; But that it seems cannot be done With my mentality.

So now my efforts are all spent To listen close in class; And hope that I absorb enough To even barely pass. Purdue Exponent.

A zither is a kind of snake, a French gun, or a sword; the L. C. Smith company makes motor trucks and steam engines; habeas corpus is a medical term; "All Quiet on the Western Front" was written by Zane Grey; and lacrosse is a kind of row-boat. This information, considered by authorities of the University of Kentucky to be astounding, was conceived by freshmen in an examination for general intelligence given to the Kentucky students.

The University of Missouri political science teachers should be convinced that their student(s) know something of politics. There were 200 more ballots cast in a recent student election than there were persons registered for the election.

"Did anyone see my dog?" was the watchword of the Purdue bacteriology department recently when a small black dog escaped from an

Arx News

EAGLE-EYE-FLASHES

Mel "TOOTS" GROSSMAN walked off with the Scarab Prize honors for the summer sketch competition. Messrs. FORSYTHE, SOBEL, and TAGUE rated mentions. "BAD BOY" WAND-MAYER is out gunning for the lug who slugged him (while ASLEEP in history) with a paper-wad projectile. . . . but we won't tell him that H. H. S. did it! . . . The JUNIORS, with the exception of Mr. WEITING, weren't at all bashful in life last Wednesday. . . . in fact Dick LISCHER offered to substitute for the model. . . . ARX DANCE. . . . tickets, publicity, posters. . . . lrv. ADDIS. . . . poster-prize, publicity, free ticket. . . . Brothers DAVIDSON are alike in most everything from GOLF to HANDWRITING. . . . but "TWIG" excels his big brother, LARRY, in NIGGERING the non-chalance with which he inserts BEAUX ARTS SPOTS is incredible. . . . And while we're on the subject, a senior, who has been much publicized herein, sent Joe PROVENZANO, a SOPH, for a box of the aforementioned SPOTS. . . . was C. L. embarrassed upon presentation of an assorted variety of B. A. S. Good work, JOE. . . . two more SOPHS worth mentioning. Ed SCHMALTZ and Harold HAWLEY, do a neat job of NIGGERING for "Ches" ZUKOWSKY. . . . and bring their own music besides. . . . while Vic CHIAPPE, the record-turner-over, keeps the phonograph going. . . . to tune up the CHARATEERS. . . . whereas and whereby. . . . (as one senior CHEMIKER would say) . . .

animal house on the campus. The animal was inoculated with rabies virus. Sighs of relief were evident when the animal was found at a fraternity house. It was not the loss of the dog, but the danger of an epidemic that was feared.

Fraternity Notes

BETA PSI

Beta chapter of Beta Psi fraternity takes great pleasure in announcing the pledging of the following men: Ward James, '38. Thomas Watts, '38. We also wish to congratulate Brothers Bristol, Humiston and Morrison upon their pledgship to Sphinx honorary literary society.

we all agree with Carman G. BLOUGH that there's no PSYCHOLOGY in charetting. . . . and he'd agree with us that it's PSYCHOPATHIC! . . . Boy, it's the straightest line between A. I. T. and West Irving Park. . . . However, nothing phases Ivar VIEHE-NAESS. . . . conscientious, conservative. . . . so indulged in his work he forgets it is this year already and tries to open his last year's locker. . . . But we've met Ivar's opposite personality. . . . Bill HERZOG of course. . . . nonchalant, unassuming, not a care in the world. . . . (they're BROADMINDED at his house, he says) . . . and if you have a lousy joke and want a good sympathetic audience. . . . tell it to BILL. . . . he gets a kick out of laughing. . . .

Wow! what a paragraph. . . . no sense, no tense, no suspense. . . . just nonsense. . . . no wonder. . . . it's a sample of how your correspondent's MIND functions. . . . during charette. . . . next thing you know we'll be going around. . . . blowing whistles. . . . like that much harassed Fair guide. . . . "Willie the WHISTLER" PECHOTA. . . . alias "Weeping Willie with the IRON HAT." EAGLE EYE.

Last Thursday evening was a big event for the pledges. We feel that the first inquisition must have left some imprint on them. "Hank" Eberhardt arrived early with a gag saying that his car had been stolen. The story was checked and found true. About three hours later, the police called up to say that it had been found. It's a good thing for "Hank" that the police called up or we might have doubted his story.

PHI KAPPA SIGMA

It is with great pleasure that Alpha Epsilon Chapter of Phi Kappa Sigma announces the formal initiation of I. Murrey Hughes, F.P.E. '36. Our touch-ball team is rapidly rounding into shape, and we have games scheduled with Beta Psi on Monday and Delta Tau Delta on Wednesday. Our ping pong team is becoming rather restless because no matches have been scheduled. Anyone wishing to do so, please see William Fogle or Arthur Marow.

TRIANGLE

Brothers Lyford and Scott went to the Illinois-Army game Saturday. A great time was had by all the boys who attended the fair on its closing day.

Brother Frank Schmidt who left us to go to the University of Illinois visited the house last week. He had been ill and was forced to drop out of school.

DELTA TAU DELTA

We are pleased to announce the pledging of Robert F. Scheel, Arch. '38.

The football team under the able direction of Harold Hale is prepared to defeat Phi Kappa Sigma tomorrow at four o'clock on Ogden

Field. Next Sunday will be the first meeting of the Mother's Club. Invitations have been sent out and a large number are expected to be present and enjoy the good program arranged.

Brother Fenske spent last Tuesday evening at the house. He expects to return to school in February. Six brothers from the University of Missouri spent a weekend at the house while here to see the Missouri-Chicago game.

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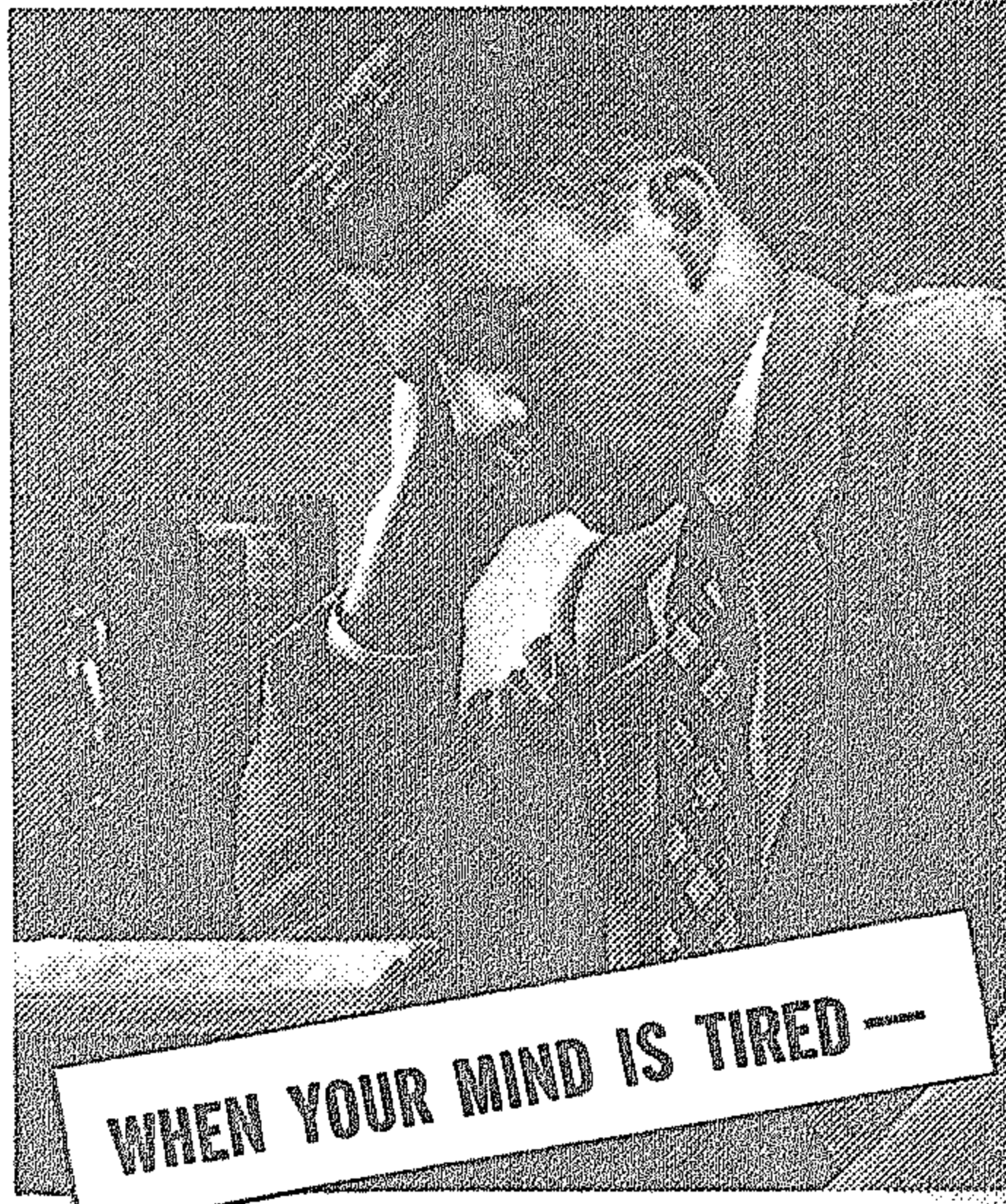
Last Wednesday the house team beat an organized Phi Kap team, 20 to 14, in touch football. Brother Trzyna starred for the house team. After the game some of the boys went down to see the closing exercises of the World's Fair.

The Annual Pledge Dance Saturday night turned out to be a tremendous success. Our guests for the evening were the members of our Purdue chapter who were up for the Chicago-Purdue game. Dancing to the rhythmic music of the well-known Wilson-Barnett orchestra and partaking of the well prepared refreshments, a very enjoyable evening was had by all.

RHO DELTA RHO

Plans for our pledge dance, to be held November tenth, have been completed. The pledges under the direction of Brother Stern are hard at work repainting our game room and decorating the house for the dance. Music will be supplied by Sam Bilton and his Music Makers.

At the next Alumni meeting to be held November 15, Brother Bob Minive, who has just returned from a two month sojourn in Mexico, will give an account of his travels.



WHEN YOUR MIND IS TIRED—

JAMES S. MacVICKAR '35—PSYCHOLOGY. He says: "I think there's a great field for psychology—so I try to hit the books for all I'm worth. When I'm listless or 'low,' smoking a Camel gives me a quick upturn in energy. Physical and mental fatigue drop away! The enjoyment one gets from Camel's fine flavor is an important psychological factor in maintaining poise."

How to get back vim and energy when "played out": Thousands of smokers can verify from their own experience the popular suggestion "get a lift with a Camel." When tired, Camels will make you feel refreshed—as good as new. And science adds confirmation of this "energizing effect." Camels aren't flat or "sweetish," either. You can smoke Camels steadily. Their finer, MORE EXPENSIVE TOBACCOS never get on the nerves!

GET A LIFT WITH A CAMEL!

TUNE IN! CAMEL CARAVAN with Glen Gray's Casa Loma Orchestra, Walter O'Keefe, Annette Hanshaw, and other Headliners—over WABC-Columbia Network.

TUESDAY . . . 10 p.m. E.S.T. 9 p.m. C.S.T.—8 p.m. M.S.T. 7 p.m. P.S.T. THURSDAY . . . 9 p.m. E.S.T. 8 p.m. C.S.T.—9:30 p.m. M.S.T. 8:30 p.m. P.S.T.



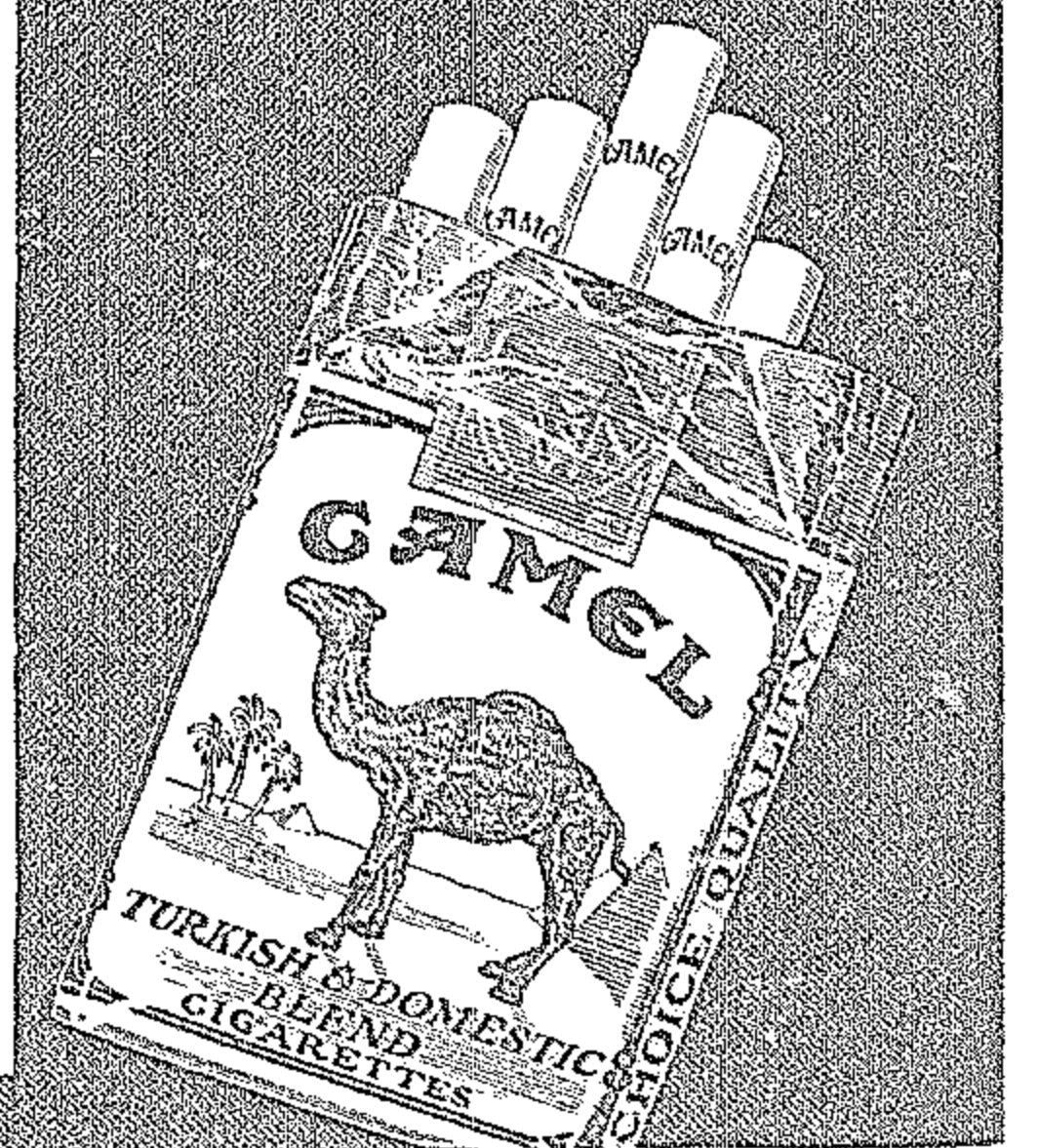
MOUNTAIN CLIMBER. Miss Georgia Engelhard says: "Plenty of times I have thought 'I can't go another step.' Then I call a halt and smoke a Camel. It has been proved true over and over that a Camel picks me up in just a few minutes and gives me the energy to push on."

PRO FOOTBALL ACE. "Cliff" Montgomery of the Brooklyn Dodgers says: "After a tiring game, or any time when I feel like it, I light up a Camel and get a swell 'lift'—soon feel 100% again. I am seldom without a Camel—they don't interfere with healthy nerves."



LEAF-TOBACCO EXPERTS AGREE.

"Camels are made from finer, More Expensive Tobaccos—Turkish and Domestic—than any other popular brand."



CAMEL'S COSTLIER TOBACCOS NEVER GET ON YOUR NERVES!

President's Report Explains Policies of Institute

(Editor's note: The Armour Tech News at this time presents the first portion of the first general report presented by Dr. Willard E. Hotchkiss to the Board of Trustees since he took office in January, 1933. This portion of the report covers the legal steps taken in the reorganization of the Institute, the findings of the McKinsey Study of Armour's problems, and the changes in curriculum and personnel which were an outgrowth of this study. In next week's issue, we will present the second half of the president's report, which deals with the financial standing of the Institute, the plans for a future site and plant, the future position of the institution in the Chicago area, and the administration's policy of student loans and scholarships.)

The constitution and by-laws adopted on June 1, 1934, provide that the President shall make an Annual Report to the Board of Trustees.

The present administration of the Institute took office in January, 1933. The legal, educational, administrative, and financial developments since that time constitute an interwoven sequence. This report, therefore, will cover the whole period from January, 1933, to the end of the academic and fiscal year just closed.

Mission, Institute Consolidated

The legal status of the Institute and its properties has been greatly clarified during this time. Able and untiring efforts of the late Lester L. Falk so far untangled a maze of legal relationships between Armour Mission and Armour Institute of Technology that on October 25, 1933, the two Boards of Trustees were in a position to vote a merger of the corporations under the name of Armour Institute of Technology. On April 6, 1934, after some unavoidable delay, the merger was finally consummated.

When it appeared early in 1934 that the operating deficit in last year's budget would not be met by contributions it became imperative to release trust funds for this purpose. Conference was had with Mr. John E. MacLeish and Mr. Homer H. Cooper of Scott, MacLeish and Falk, of which firm Mr. Falk had been a partner, and the services of Mr. Cooper as general counsel were generously made available without cost to the Institute. As such, he at once undertook a comprehensive legal analysis of all the properties which the present Armour Institute of Technology had acquired through the merger with Armour Mission and otherwise. His findings were embodied in an extensive brief upon the basis of which Judge Hugo Friend of the Circuit Court of Cook County entered a favorable decree on August 9, 1934. This decree accomplished the following results:

1. It confirmed the acts of the Boards of Trustees of Armour Mission and Armour Institute of Technology, and the consolidation of those two corporations.
2. It authorized the new corporation to negotiate for disposition of and give clear title to certain real estate under the direction of the court.
3. It permitted the sale or hypothecation of securities in restricted endowment funds up to \$100,000 for the purpose of meeting the uncovered deficit in the 1933-34 budget under the Institute's undertaking to restore the fund when able.

Contributions

These proceedings, in which the heirs of the late Philip D. Armour co-operated generously, enabled the Institute to meet a current emergency and to carry on while bringing operating income and expense more nearly into balance. The vast amount of legal detail involved in preparing the brief and carrying the suit through the court and the extraordinary wisdom with which Mr. Cooper handled the whole proceedings places his contribution, together with that of the late Mr. Falk, in a unique position and makes it in both dollars and moral value easily the outstanding contribution of the academic year just closed.

Another contribution of excep-

tional value to the Institute during the past fiscal year was the gift of \$2500 from a friend of long standing to cover the cost of the Survey by James O. McKinsey and Company, authorized soon after the present administration assumed office. Due to the fact that Mr. McKinsey contributed his own services to the value of several thousand dollars there was a residue of some \$800 from this gift available for general expenses. There were also several contributions of \$1000 and a considerable number of \$500 but as indicated above, the total fell far short of meeting the need.

Since this report covers the period from January, 1933, payments of some \$45,000, made between January and June, 1933, in fulfillment of previous pledges, should also be recorded. These payments were applied to the operating deficit of the year 1932-33. Further discussion of finances will follow references to certain educational and administrative changes.

Survey Findings

In January, 1933, when the new administration took up its duties the Development Committee, created and given large powers by resolution of the Board of Trustees on September 4, 1931, had just completed an extensive survey of Engineering Education. This study out of which had evolved the so-called Armour Development Plan had not concerned itself primarily with internal conditions at Armour. The McKinsey Study, of which mention has just been made, constituted among other things, a re-examination of the Armour Plan directed especially toward the solution of pressing problems with which the Institute was immediately confronted. The Study was carried on in close co-operation with the administration and the staff.

Study Covers Personnel, Curriculum

It was obvious that any approach to practical measures would have to take account of the historical background of the Institute and of the nature and quality of the service which it had rendered in the past. Out of this background there has come an accumulated good-will reflected in a flow of qualified applicants for admission from year to year which has meant an actual attendance of upwards of 800 students and an unquestioned potential attendance considerably greater. The Survey naturally explored ways and means of consolidating this good-will.

Without arrogating to itself the wisdom required to define, much less to standardize, the art of good teaching or even good administration, the Survey considered man by man the personnel of the teaching and administrative staffs, primarily from the standpoint of the service which each person was in a position to render the Institute, both individually and as a member of a working team. Similar consideration was given to questions of curriculum.

Although there were several features of the so-called Development Plan which were based upon an abstract approach considerably different from the path of Armour's past development, the present administration proceeded from the premise that for some time to come the Institute will continue in all essentials to be the same type of school it has been heretofore. This premise assumes a four-year undergraduate College of Engineering and Architecture in which students are given opportunity to qualify as beginning practitioners in their professions, and at the same time are able to secure such fundamental education as will promote their growth and aid them in discharging whatever responsibilities their native talents, training and opportunities may bring.

Study Shows Over-Specialization

From the standpoint of the type of school Armour is and has been, and of necessary financial and time limitations, it appears that Armour in common with many other engineering schools has had a tendency to overload some of its curricula with useful but somewhat specialized subjects which are expensive to maintain. Besides being expensive, too many such subjects limit-

edly the time available for basic subjects, which in all competent discussion of engineering education are recognized as indispensable. For the most part, specialization can be more profitably carried on either as graduate work or in industrial and engineering research laboratories.

Some Subjects Standard

Another weakness which the Survey revealed was also one widely prevalent in American education. It arose from the fact that the organization and teaching of certain important subjects had not kept pace with the times, nor with standards recognized as essential for an outstanding engineering school. Without implication of criticizing individuals, this appeared to be notably true in English, in the Social Sciences and in Shop Courses. Considering the question of teaching as a whole it is believed that our discoveries also ran true to form for colleges generally. Some teaching of exceptionally high order was found, a preponderance of good teaching, and some very poor teaching. Substantially the same thing can be said in respect to internal administration.

In addition to the problems directly connected with teaching, administrative personnel and curriculum, the new administration found it necessary to consider almost immediately a closely related question arising out of the research and testing carried on by certain members of the faculty with the use of Institute equipment. It is the policy of the Institute to encourage its teaching staff to undertake research for industry and for the advance of engineering science, and there is no occasion to define research in a narrow or highly restricted sense. It is, however, highly essential that any pecuniary features of work done for industry be not permitted to dominate the teacher's interests nor to conflict directly or indirectly with his teaching obligations. It is also of course axiomatic from a business standpoint that the school in all such cases receive adequate consideration for the wear and tear on its equipment. If work that is not strictly research is done, prices charged for it should, in fairness, be higher than commercial prices.

Sound Teaching is First Thought

While Armour has much important research to its credit, its immediate contribution must lie first in the soundness of its curriculum, the quality of its teaching, and in the effectiveness of its administration. Its present task is to maintain excellence in these lines without easy access to great resources. Armour's problem now, its problem during all the period covered by this report, and for some time prior thereto, has been one of crisis, and crisis forces retrenchment. But here again our situation differs from that of most American colleges, if at all, only in degree and not in kind, and retrenchment frequently becomes a stimulus to improvement.

Curriculum and Personnel Adjustments

From this background it is possible to take stock of the various adjustments in curriculum and personnel that have taken place since January, 1933. The first major adjustment was assumption of jurisdiction by the Institute over all research and testing activity in which Institute equipment is employed. This action of course had the effect of abrogating contracts and undertakings based on any different concept. The change affected both the relationships between the Institute and faculty members who do work of this kind and the mutual relationships between such faculty members themselves. There are a number of details in connection with previous arrangements which it is not necessary to rehearse, but the principal effect of the change was to place a new emphasis upon the obligations to the Institute which faculty members assume in carrying on engineering work for industry with Institute equipment.

Finnegan to Coordinate Research

In order to make a consistent policy effective, Professor Joseph B. Finnegan was appointed Director of Research and Testing, and given specific instructions including the following items:

1. All arrangements concerning research, testing and consulting activity by members of the faculty, in which the use of Institute equipment is a factor, are to be made a matter of record with the Director of Research and Testing.
2. The Director of Research and Testing is responsible for insuring payment to the Institute of an amount adequate to cover the wear and tear on Institute equipment in connection with such activities.
3. The Director of Research and testing, the Dean, and the Directors and Chairmen of departments are jointly responsible for scheduling research and testing activity by members of the faculty so as to avoid conflict with teaching and other obligations to the Institute.
4. The Director is advised that it is the policy of the Institute, in harmony with the above provisions, to encourage members of the faculty to carry on research in cooperation with industry.
5. The Director is instructed to cooperate with members of the faculty and with industry in enlarging the scope of the industrial research program, always in harmony with the policies set forth in paragraphs one, two and three, above.

Research to be Increasingly Vital

Experience of more than a year under the new orientation has amply justified the present approach to this subject both from an educational and a financial point of view. With

the revival of industry it is believed that a program of engineering research in cooperation with industry will become an increasingly important part of Institute activity.

Conduct Survey of Shop Courses

The second major adjustment of the new administration was a temporary suspension of Shop Courses. While this action was taken under the pressure of financial necessity and reduced immediate expenses primarily upon educational grounds.

Looking toward early re-establishment of Shop Courses, a comprehensive investigation to ascertain the most advantageous set-up of such courses was at once undertaken by a faculty committee with Professor Joseph B. Finnegan as chairman and Professor Philip C. Huntly as vice-chairman. The report of this committee is a document of which the Institute has reason to be proud; its publication at an early date is contemplated. Shop courses in conformity with the recommendations of this report will be started as soon as the exigencies of the budget permit; provision for them is the next item in our educational program. It is to be hoped that the new courses can be instituted early enough so that no student will have graduated from Armour without having the benefit of shop work.

Enlarge English Department

It will be recalled that English was also mentioned as a subject in which the McKinsey Report revealed that instruction was not up-to-date. Much of the English offered was estimable but it was not well articulated nor was the required work adequate in amount. Although one member of the English staff was retired last year and one this year, a third member has had the scope for his talents enlarged and two highly competent instructors have been added to the staff with a net saving of \$2600. The organization and content of the work has been improved and made more pertinent to student need and its amount nearly doubled. Even the present amount is close to the minimum recognized by the Society for the Promotion of Engineering Education.

Correlate Business, Engineering

In Social Sciences the problem was more complex. Difficulty arose in part from a tendency of engineering students to regard non-engineering work lightly, in part from heavy schedules and in part from the rather casual way in which Social Science courses had previously been embodied in the curriculum. Prolonged deliberation led to the present organization of work in this field. Instruction now aims to emphasize the relationship of subject-matter to the actual work of an engineer. To this end, the courses start with business and engineering problems and proceed in the senior year to a study of business policy

and public policy as they affect the engineer. In the course of this study, the student is introduced to such subjects as accounting and cost finding, principles of industrial management, and elements of economics and finance. After a careful survey of results in numerous engineering schools the traditional course in general economics has been omitted.

Social Science Study Increased

While work in the Social Sciences as now offered is of such a nature that no thoughtful engineer or engineering student can fail to recognize its necessary place in engineering education, it has not been the purpose to set up the Social Science courses on any narrow bread-and-butter basis any more than the fundamental science and engineering courses are on that basis. Elective courses in History and Political Science have been retained, and other elective courses will be offered to as great an extent as budget and schedule limitations permit. The total amount of required work in the Social Sciences is fifteen semester hours, or roughly double the number prior to the academic year 1933-34.

In the case of Social Sciences it has not been possible as it was in Shop Courses and English to realize any immediate or ultimate saving. On the contrary, there was an increase of some \$8500 in the cost of instruction in this field, which amount has been materially reduced by changes this year.

Faculty Changes Made

The faculty as a whole has undergone considerable change during the past two years.

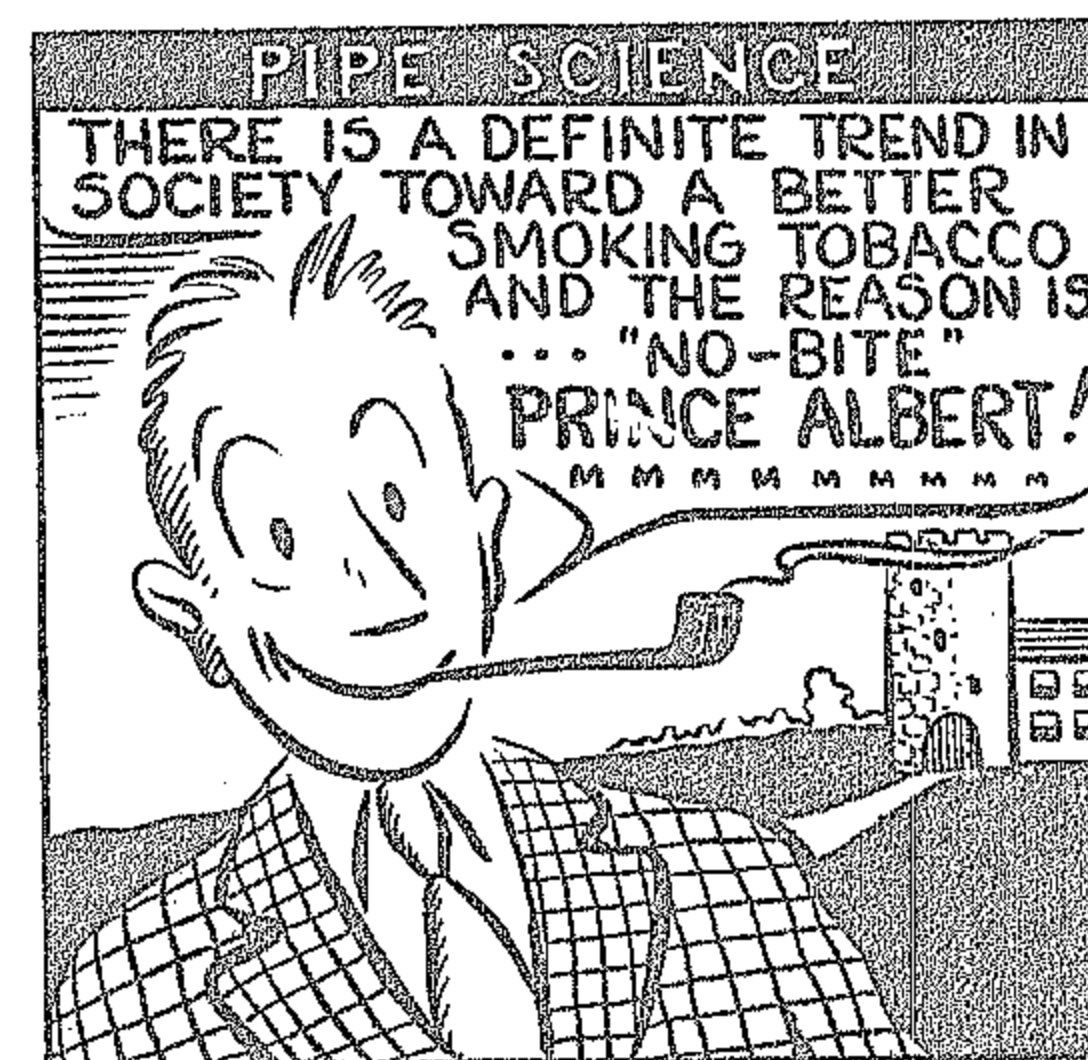
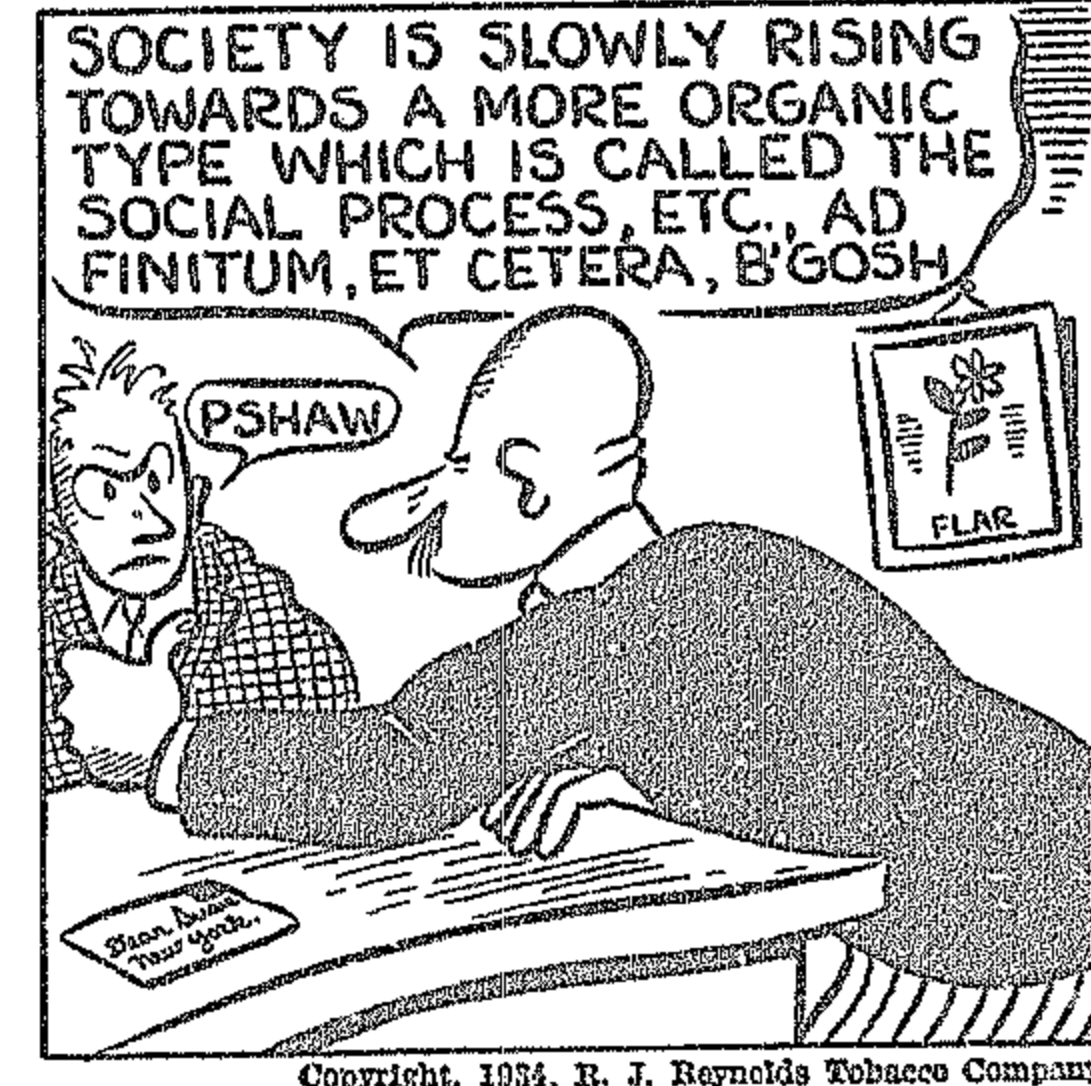
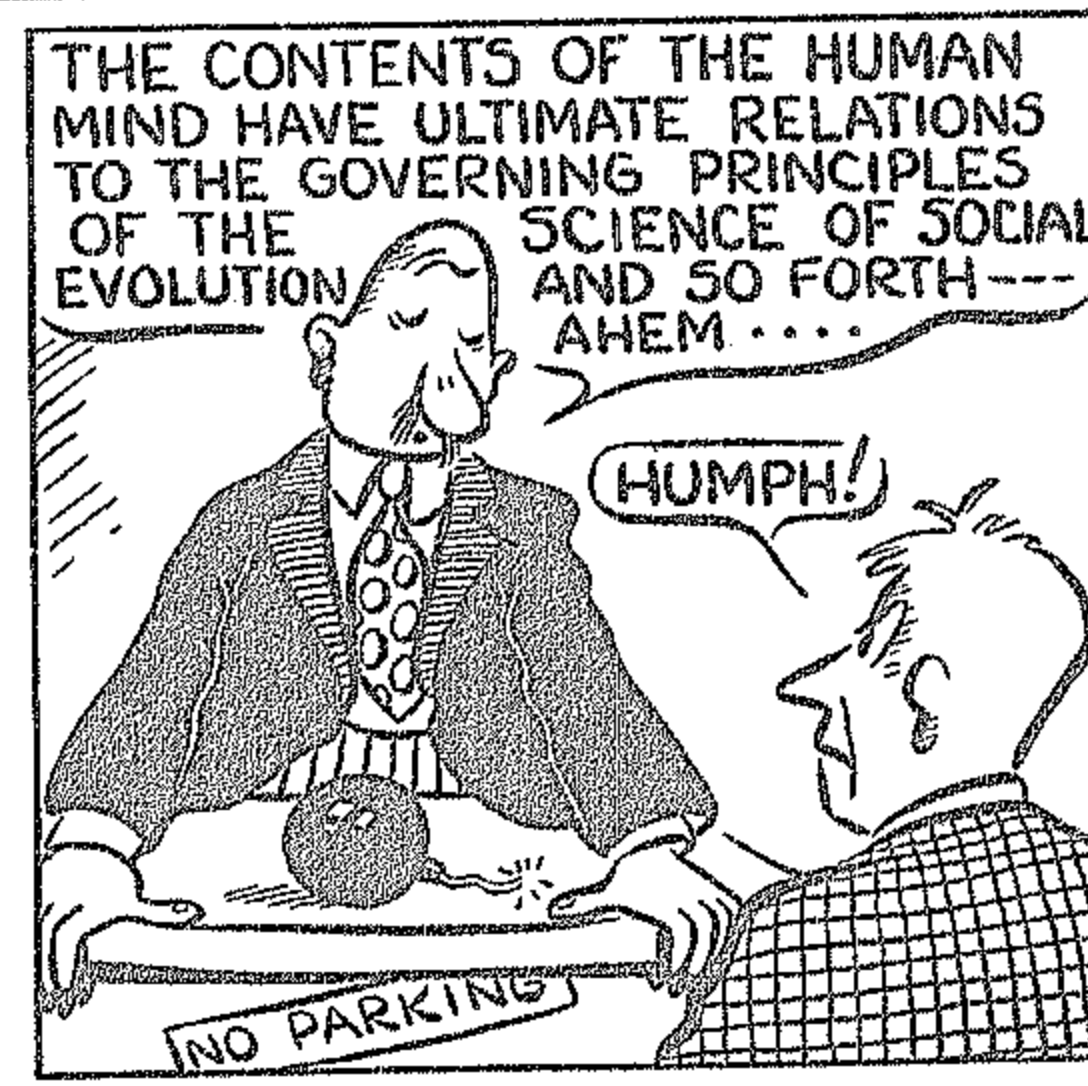
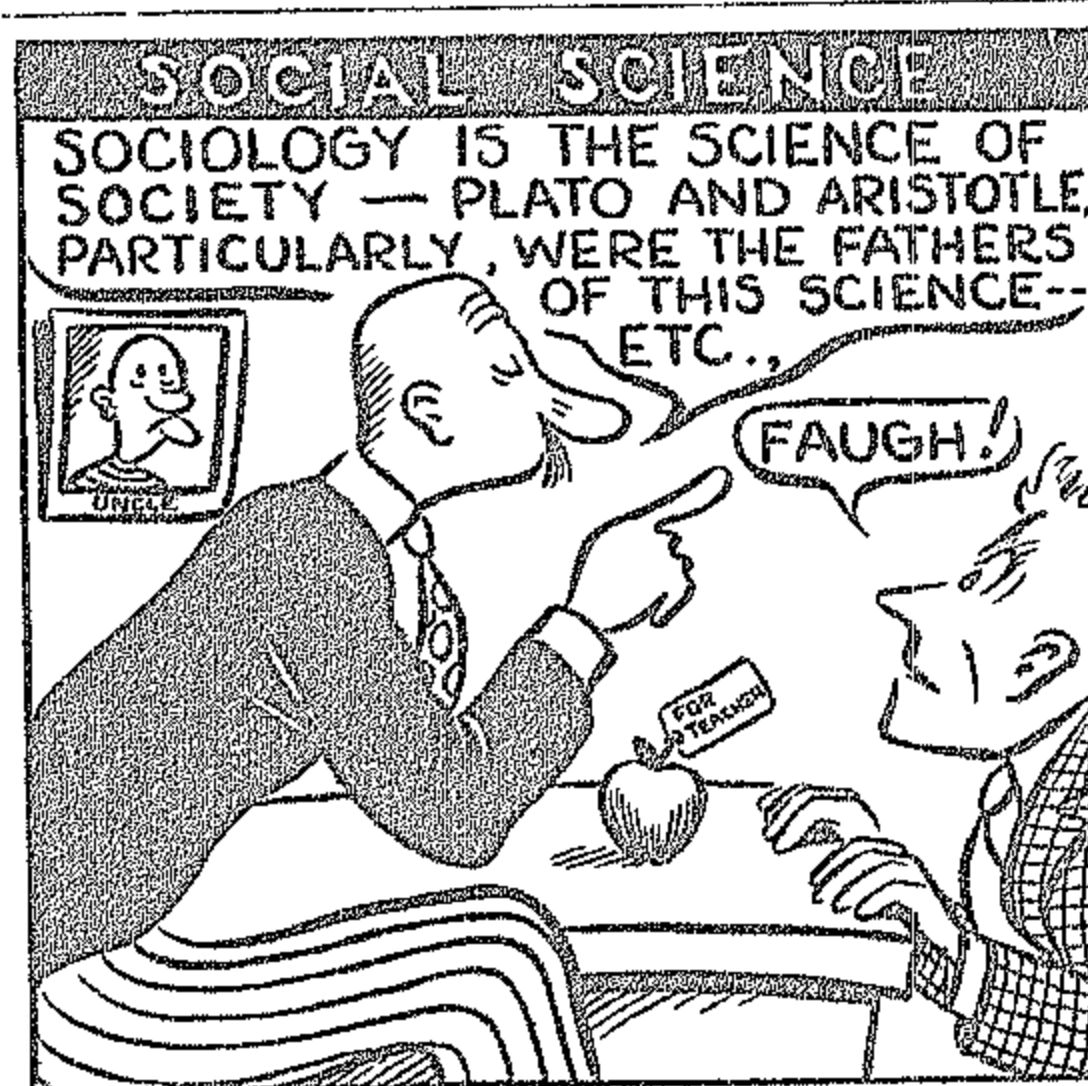
At the beginning of the present school year it lost one of its highly esteemed members, Professor Van Bauman Teach of the Department of Mathematics, who was taken by death on September 8, 1934.

Dr. George L. Scherger, whose cosmopolitan versatility has made him a prominent figure in Chicago life, has been granted a leave of absence from his service as Chaplain and Professor of History and Political Science, in order that he may devote his full time during the current year to the pastorate of St. Paul's Church with which he has been long associated.

Professor Charles W. Leigh, whose fine culture, comradeship and distinction as teacher and scholar have made him beloved by students, alumni and colleagues alike, has had to be retired for disability.

Two members of the faculty have gone to better paying positions, six teachers were released by suspension of Shop Courses, and readjustments following the McKinsey Study displaced fifteen others. Five men previously on full time are now on part time. The reduction in pay roll from the above changes is \$86,615. Eight full-time and five part-time men have been added to the

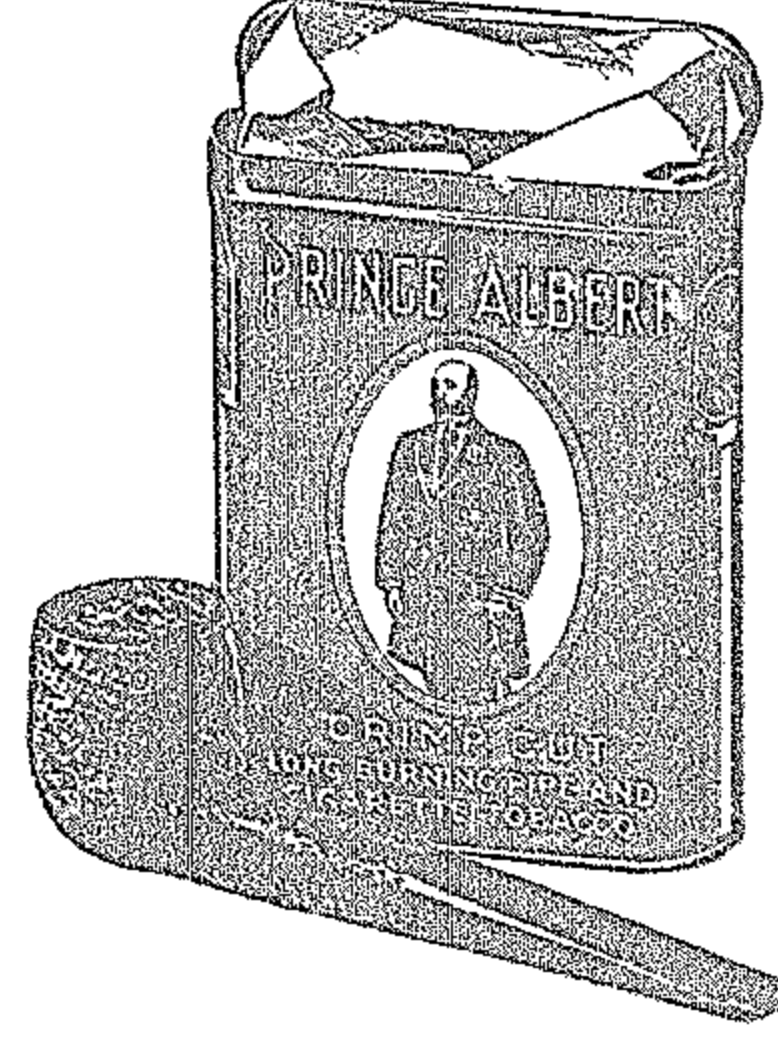
(Continued on page 5)



AFTER EVERY CLASS IT RINGS THE BELL!

It is not only top-quality tobaccos that make Prince Albert the finest smoking tobacco you have ever tried—in addition, these choice tobaccos are blended by a secret method and then treated by a special process which absolutely removes all the "bite." You'll enjoy this mellow smoke—full of rich, smooth flavor!

PRINCE ALBERT —THE NATIONAL JOY SMOKE!



President Submits Report to Alumni

(Continued from page 4)
staff, at a cost of \$20,700. One full-time man added last year has gone to a more highly paid position and has not been replaced.

It is highly regrettable when teachers of long standing on the staff of an institution are displaced but in this case there was no other way in which a critical situation could be met. For reasons set forth in discussing curricula and standards of instruction, and because in the course of time there had come to be an undue proportion of men in the higher ranks as compared with the lower, changes have not impaired educational efficiency and in many regards have definitely improved the organization of instruction as well as its quality.

Change Titles of Option Heads

In addition to changes in staff there has been considerable modification of internal organization. The title Head of Department has been abolished and the men in charge of Engineering Options have been made Directors of such Options. In Architecture the title is Director of the Department of Architecture. The so-called service departments are now presided over by chairmen. The titles now used are believed to be more closely descriptive of the duties performed and it is hoped that they will not carry the implication of resting on seniority with which the title Head of Department appeared to be burdened.

Heald Made Sole Dean

General, as distinguished from departmental administration has been simplified and made less expensive. The titles Dean of Engineering, Dean of Evening Classes, and Dean of Freshmen have, for the time being, been abolished. Professor Henry T. Heald has been made sole Dean with full responsibility under the President for the educational program and internal activities of the Institute. The work of the Recorder has been enlarged considerably and his title changed to Registrar which carries full faculty status.

The President and the Dean will be aided by a Council made up of mature men from the faculty and administration. It is expected that the Council will assist the administrative officers, not only in educational problems, but also, as occasion arises, in the financial affairs of the Institute.

List Administrative Personnel

The present administrative personnel of options, departments, and research is as follows:

Architecture, Earl H. Reed, Director; Chemical Engineering, Harry McCormack, Director; Civil Engineering, John C. Penn, Director; Electrical Engineering, Ernest H. Freeman, Director; Fire Protection Engineering, Joseph B. Finnegan, Director; Mechanical Engineering, Philip C. Huntly, Director; Course in Science, Charles E. Paul, Director; English, Walter Hendricks, Chairman; Mathematics and Mechanics, Charles E. Paul, Chairman; Physics, James S. Thompson, Chairman; Social Sciences, Carman G. Blough, Chairman; Physical Education, John J. Schommer, Director; Research and Testing, Joseph B. Finnegan, Director.

Immediate requirements of the budget necessitated on July 1, 1934, the release of Mr. Howard K. Lanigor and Mr. Robert M. Cunningham, Jr., whom the Development Committee employed at the end of the year 1932 to handle placement and certain other matters. Mr. William N. Setterberg, a graduate of the Armour Class of 1929, has been appointed as Personnel Officer; the replacing of two men by one with some readjustments nets a substantial saving.

The work accomplished by Mr. Lanigor and Mr. Cunningham in the fields in which they were occupied merits especial commendation. The continuing aid which Mr. Cunningham gave the incoming President was invaluable; and the placement work of Mr. Lanigor, in which Mr. Cunningham assisted, due to its emergency character in view of the large number of unemployed alumni, was especially noteworthy.

Personnel Work Strengthened

Personnel work at the Institute will be continued and strengthened. It is expected that the Dean, the Registrar, and the Special Place-

Armour Alumnus to Speak to Engineers

The Junior Section of the Western Society of Engineers will hold their second meeting of the month Thursday, November 8, at 7:00 o'clock in room 1200, 205 West Wacker Drive.

Ray Stellar, a civil in the Armour class of '29, is the main speaker. He will tell of some of the things he has seen that may interest young men who keep up to date on engineering progress in other countries, such as architecture, new engineering projects, and the water-ways.

All Armour students are urged to attend the meeting as are the engineers of Lewis Institute and Northwestern University.

ment Committee of the faculty will so far supplement the work of the Personnel Officer that efficiency will be maintained and foundations will be laid for the early establishment of all phases of personnel activity upon the highest possible basis of service to recent graduates and to alumni of earlier years.

It is highly important that every one connected with the Institute, trustees, faculty and alumni, give earnest attention to providing the Personnel Officer and the Special Placement Committee with complete information in respect to alumni. Information should not be confined to men who are seeking new employment; it should especially include outstanding alumni in important positions of responsibility. During the past six months a member of the Board of Trustees has had several openings carrying salaries from ten to fifteen thousand dollars a year which might have been filled by Armour alumni if men meeting the qualifications had been located in time.

Although, as frequently stated, adjustment in curriculum, teaching and administration during the past

A.S.M.E. Membership Drive Draws Results

Results of the membership drive of the Armour branch of the American Society of Mechanical Engineers are very encouraging. By last Friday there were 37 members registered. A short business meeting was held, during the course of which it was suggested that any member who read an article in some technical magazine, which would be of particular interest to the group, should copy the article and make a report on it before the group.

The scheduled speaker for the meeting was called out of town so Professor Roesch offered to substitute. He brought to light the activities of the American Society for Testing of Materials, a group which works in close cooperation with the better known engineering societies.

Professor Roesch is a member of a committee of the A.S.T.M. for fuel testing. They have been working for the past five or six years on anti-knock fuels. Tetraethyl, a lead compound, has been found most satisfactory. A one cylinder gas engine has been developed in which the compression can be changed while the engine is running. These water cooled engines are used in all parts of the country for testing fuels and thus similar conditions are assured. A laboratory test with one cylinder will vary somewhat from actual road conditions, therefore at Armour testing is done with a standard eight cylinder engine, which is more representative.

year and a half have been made under extreme financial pressure, it is firmly believed that the soundness of the educational program, the effectiveness of teaching and administration and internal morale at the Institute have seldom been on as high a level as they are at this moment.

(To be continued next week)

Discuss Armour Electronic Course

Professor J. S. Thompson, E. H. Freeman, A. W. Sear, and D. E. Richardson attended a conference held at Purdue university on Saturday, October 27, at which methods of teaching electronics and allied subjects were discussed. During the discussion it was brought out that the electronics course at the other schools is somewhat different from the course at Armour.

This course at the other schools contains essentially the same material as the courses in electronics, radio communication, and high frequency at Armour. The difference lies in the thoroughness with which the material is studied.

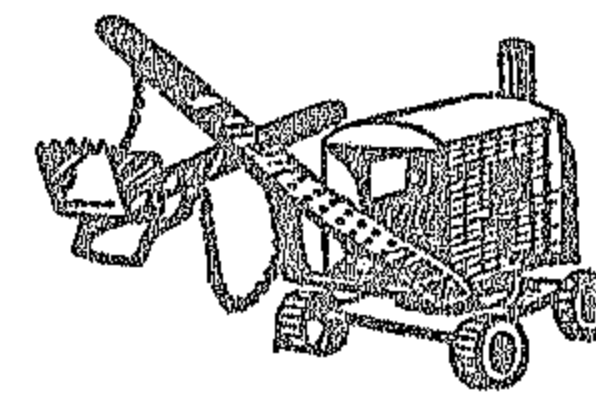
The question of whether the course should be required or not was discussed.

Holdup Victim Might Recover His Money

If the person who lost five dollars to a hold-up artist about a week before last Thursday, will report his loss to the office, he may have a chance to recover his money.

Several days ago a member of the "Dishonorable Order of Thieves and Thugs" (stick-up man to you), held up and robbed a person about 20 years old who was probably either a professor or student at Armour. The robbery took place under the 33rd street viaduct. The thief was apprehended by the police, and later confessed the robbery. He was taken down to Dean Heald's office last Thursday, in hopes of identifying the person who was held up, as his identity is not yet known. The victim will help the police clear up a number of holdups which have taken place in this district, if he will give his information to the police.

THE STEAM SHOVEL



Old Jim Cole
Went for a stroll
Fell down a hole
Came out like coal.

If returns the Johns' (DOUDERA AND LARSON) pencils he can keep the leads for reward!!

Well, and now Bill (Slow Motion) Nicc will believe that old saying: "The hand is quicker than the eye" or else he wouldn't be sporting that super-super-ultra-colossal shiner.

Question No. 487 1/2: What would-be cowboy sang "Bury Me Out on the Lone Prairie" for the benefit of a former western horse, and spent the last week "bucking" two "Charlie horses," a sore back (?) and tender (?) memories. Gently approach BILL GRAY for further information.

Want Ads

Wanted: One woman, between 16 and 19, to take to the Arx dance. Must be small, blond, well formed, having plenty of pep, and not too sophisticated. Anyone having these qualifications meet me in Main from Nov. 5 to Nov. 9, from 12:30 to 1. I. K. SALTZMAN, '37.

Editor's Note: Same here.

The invisible man has finally materialized. Believe it or not, BILL (HAM) SAVAGE snuck in right smack under BENNIE'S army trained optical orb (eye)!

Social Chairmen Favor Free Bids

(Continued from page 1)
Whether or not Graham will eventually agree, or whether the others will carry out the plan without him, is uncertain.

The seniors are already actively preparing for their dance, which will be held before Christmas. December 7 has been set as a tentative date, and the Congress, the Medinah, and the Shoreland have so far been considered as possible sites.

The juniors also have been looking at ballrooms. The Crystal Ballroom of the Blackstone Hotel is favored so far, but it would limit attendance to about 225 couples.

The sophomore committee is planning two dances, one a collaborative affair, to be held with the freshmen, the other, a sophomore dance sometime in February. The complete sophomore committee is composed of D. A. Forberg, N. J. McGuone, G. H. Starmann, I. D. Thunder, and O. A. Tomei, chairman.

Telephone Company Presents Four Films

Recent developments in telephone communication were presented in four sound films through the courtesy of the Illinois Bell Telephone Company at a meeting of the A. I. E. E. last Friday morning.

The pictures were titled: "Switchboards Old and New", "Ship to Shore Telephone Communication", "Sound Film Engineering", and "Broadcasting Networks."

Next week all the eligible students interested will be enrolled in the A. I. E. E. so that plans for the fall smoker, tentatively set for Thursday, November 22, may be completed.

The next meeting of the society will be a week from Friday.

Good Taste!



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The American
Tobacco Company

Luckies

They Taste Better

The clean center leaves are the mildest leaves—they cost more—they taste better—so of course, Luckies use only the clean center leaves—the choicest Turkish and Domestic tobaccos.

The Cream of the Crop



"It's toasted"

✓ Your throat protection—against irritation—against cough

INITIAL PRACTICE CALLED FOR TECH BASKETBALL MEN

New Material Plus Five Regulars Turn Out

KRAFFT GIVES TALK

A turnout of over thirty-five answered the call of Coach Krafft and appeared at the Tech gym last Thursday night. The coach was pleased because the new men represented some of the best talent from various high school teams of the city. Five of the regulars, Captain Lauchiskis, Warner, Dollemmaier, Heike, and Christoph about whom Coach Krafft is figuring on building another strong team, are out for practice, although they were not all present at the first session because of other activities. Other men out for the team last year that were out last Thursday were: Merz, Levy, Ruhlis, and Hockert. Captain Lauchiskis and John Humiston, the manager, were introduced, and both were given a hearty welcome. Coach Krafft then talked about the need for the men to maintain strict training rules and the importance of constant regular training. He also warned the men about playing football without proper equipment because of the danger of injury. Captain Lauchiskis, who was not able to practice because of an injury incurred when he was hit by one of the touch football players while running around the track, also stressed the importance of regular practice. The men were then divided into groups and practicing baskets. This consisted of throwing baskets from various positions, a demonstration of the hook pass, bank shots and methods of holding the ball.

Practice at Armory

Practice will be held over at the armory in a few weeks where training will be more intensive. Although five of the regulars are back Coach Krafft says that any man showing the ability will replace anyone on the team who is not playing as good a game.

Windup Rounds in Golf and Tennis

The fall golf and tennis tournaments are drawing to a close after considerable activity in each field. A week ago last Saturday Frank Davidson defeated Howard Zibbe at Evergreen by a score of 2-1. Davidson tried out for the team last year, but due to his erratic playing failed to make the grade. In the same series Engstrom took the match from Marshall by default, Sobel won over Slowiak by the same method and Schreiber beat Kraus by a 5-4 score. Engstrom and Davidson are the main contenders for the championship. In the playoff matches Davidson is considered the favorite. However, the cold weather anticipated for the coming week is expected to delay the tournament.

Tennis Tourney Moving Slowly

This year the tennis tournament has not progressed quite as smoothly as in previous years. A number of contestants in the quarter-finals have reached their place by default rather than by played matches. At the present time two men are in the semi-finals and two matches yet to be played in the semi-finals, or third round to decide who the other two semi-finalists shall be. The men already in the semi-finals are H. Arnold and G. Wheaton, who advanced by a bye and a default, respectively. The two matches yet to be played in the quarter-finals are between Harry Drell and Richard Boehme and between H. Bodner and T. A. Marow. Last season's tennis tournament was completed after numerous impedimentary factors, including the weather, had attempted to conflict with the completion of the schedule. In the finals Mickey Lukas won from Tony Cieslewicz in a three set battle, the last set going 8-6. Mickey was a senior last year and so is not in school now, while Tony was a freshman and did not return to school this year. Incidentally, Cieslewicz played on the Armour tennis team in most of its matches last spring.

Reporter Gathers News as Tech Matmen Engage in Bloody Fray

By R. Worcester

Ever the seeker after news, the reporter entered the sanctum of the Armour mangers to get an insight on this business of self-preservation. I had approached the gym with trepidation, handkerchief in hand, ready to hide my eyes from the gory scene as they tore each other limb from limb. Imagine my surprise to see several of these he-men gayly jumping rope while others tete-a-teted in small groups. Encouraged, yours truly asked for the coach and was directed to a gentleman holding down a bench, the while he peered at some of the boys struggling to yank each other's heads off. This man, the coach, hearing that I represented the press, took me off to a corner and divulged some gems of information on the subject of boxing and wrestling. Says he: (Mr. Weissman is the name).

Wrestling Prospects Good

"This year's crop of grapplers really look the best of any year so far. Practically all of our last year's men are back, supplemented by some green-hats that look like they've got the stuff. The boxing team looks pretty good also notwithstanding that the team has been considerably weakened by graduation and the inexperience of the new members."

Being a very important man, it seems, with little time for news-hounds, he gave one of his proteges the job of elucidating to my waiting ears the details and little human-interest matters about this and that in wrestling, to wit:

Stars of Last Year Back

There is now a well-balanced frosh due to the many light-weight frosh that have come out. Among these worthies he mentioned Dunne and McDaniel as the lightest and Schuman, Machulis, and Meyer as the

bravest huskies. Of course he told how this year's team was the best ever, that they were contemplating some good matches and that the school would no doubt gain much fame from their forego. Naturally I had the foregoing all ready written down because they always tell you that sort of stuff. I said so and was immediately taken over to watch some of the boys do their stuff. First they pointed out Marsiek, Hella, Wolniak, Sumner, and a bunch of others, too numerous to mention, all stars from last year. (Those gentlemen who didn't have their names mentioned above will be given a free candy bar as a condolence if they will come around and weep on one of the reporter's shoulders the first Tuesday after this goes to the press).

Struggle Ensues

Now two stalwarts came forward on the mat to work on each other. Five minutes were spent in just walking around glowering at each other, perhaps to get them mad. Then one made a swipe at the other. He struck back and the fight was on. There was a confused melee for a few moments, a thud, and then there appeared the two men in a death-to-death struggle. One was squeezing the breath out of the other while he returned the courtesy by bending the first man's head around several times. Both grunted and groaned in great agony. But I poo-pooed this noise, having read how this is all for effect. "Oh yeah?" says one of the mugs later. "I'll show you."

Where-upon he applied a head-lock, a body squeeze and a hammer-lock at the same time. I was convinced.

Meets Scheduled

So I retreated back from the ring-side to gather some more dope on



The senior M.E. team pushed on when they eliminated the senior schmiers from the big touchball tourney. The mechanicals look like potential championship material, but they have a couple of games left before the victor is declared. The potential champs did not roll up as impressive a score as they did in their

the situation. Wheaton, the manager, says that he expects to have several, nay, quite a few meets in the near future, meaning soon after New Year. Among those listed are Wheaton, North Central, DePaul, and a number of Y.M.C.A.'s. "After four weeks of practice the team is just about in shape and we're almost ready to start," said the aforementioned Wheaton.

Other items of interest that appeared were the tournaments that are to start the first week in December. There are to be two, one for intramural boxing and one for wrestling. It seems that the purpose of them is to see what possible hidden talent there is, that is hiding away "unwept, unhonored, and unsung."

Many Casualties

By this time half of the team had been carried away, headed for the mercurochrome, bandages, and hot water. Afraid that someone might think your reporter was also on the team, I departed by way of the fire-escape over to the news office to write this epic news for the public. What bothers me now is how the team will be able to go on with all the casualties that they are supposed to have in the regular run of the season.

other games, but still in all loom as favorites.

A practice game is to be played between the senior M. E.'s and E.E.'s tomorrow. This game means nothing insofar as medals and championships go but it is a practice game to polish up the Mechanical machine.

SCHEDULED GAMES

Wednesday, Nov. 7
8:30—Jr. M. E. vs. Jr. E. E.
Friday, Nov. 9
10:30—Sr. M. E. vs. Soph. Ch. E.
Monday, Nov. 12
2:10—"Frosh" vs. Soph. M. E.

The scheduled games of six teams, are the result of several weeks of elimination. The senior M.E.'s have been working a little overtime and have overcome several worthy opponents in attaining their present position. After these games three teams remain and then the play-off for the championship will be staged on Ogden Field.

Interfraternity athletics are in the offing since the interfraternity council meeting last Friday. The schedule was drawn up for the coming season, and although the exact dates have not been decided upon, the list of events indicate interesting fraternity "battles" during the winter months. The basketball tourney will be begun as soon as the varsity cagers depart from the Tech gym. As in the past the preliminary games are to be held in the gym; the final game at the armory.

Next in importance is the proposed swimming tournament, a new project in the fraternity athletic endeavors. This affair will be staged prior to the Christmas holidays; probably in the Bartlett pool at the U. of C.

Then, unofficially, the fraternities are interesting themselves in touchball games. Although there are no cups or medals, these informal games are drawing the enthusiasm of the

Applications for assistant managers for the boxing or wrestling teams must be made to Coach Weissman before Nov. 15. Juniors are the only eligible applicants.

fraternity men. One game between the Phi Kap's and Phi Pi's was played last week, resulting in a Phi Pi victory. Several more games are on list for this week.

The Phi Pi's took command in the closing minutes when the team clicked to push over the winning marker. The Phi Kaps, aided materially by the extra Phi Pi playing for the Phi Kap's, namely Mr. Warner, put up a good game. The Phi Pi's are willing to take on competition in touchball.

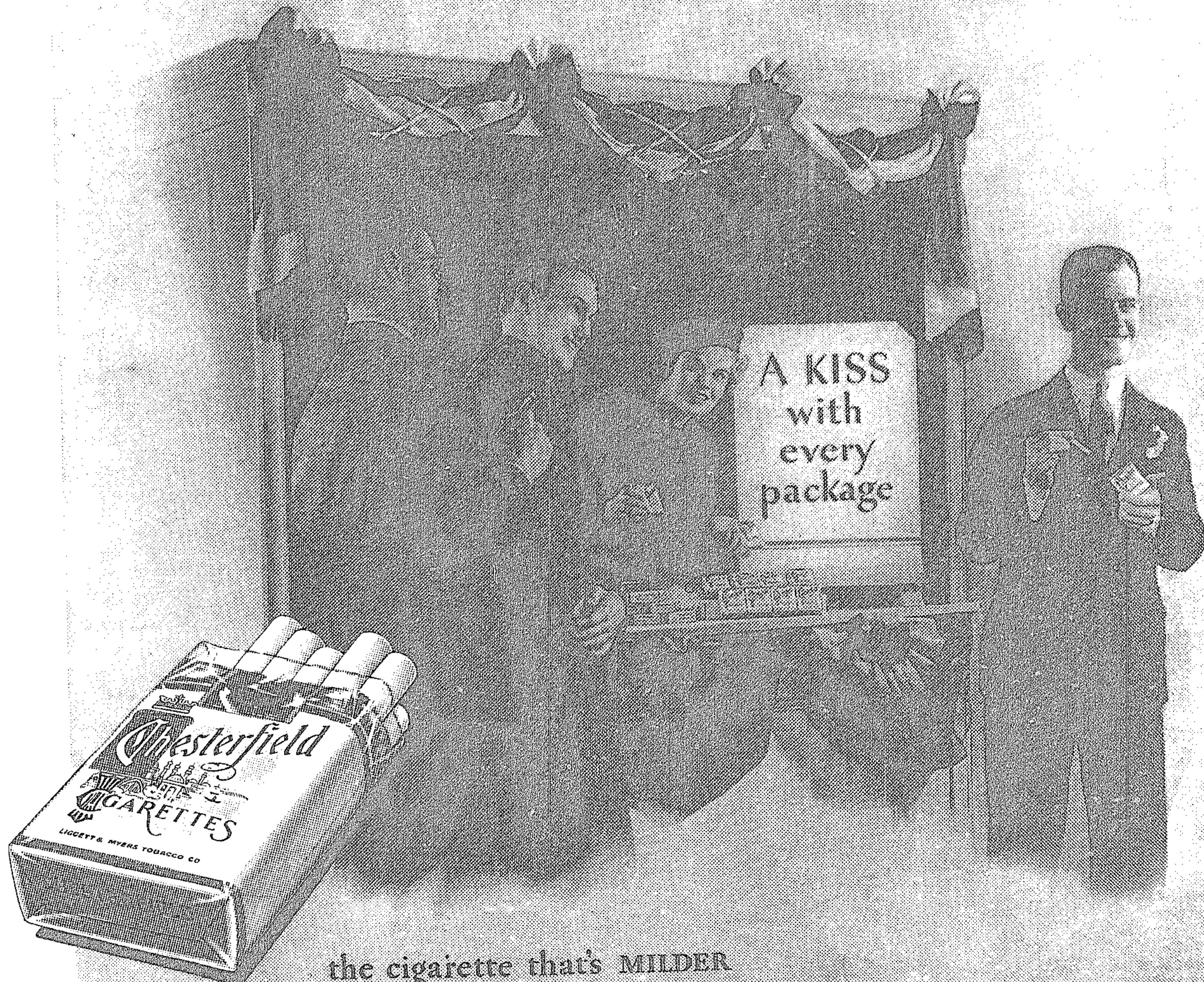
Rumor has it that the throne is tottering. The Phi Pi's long string of basketball wins seem doomed to end. Reports show that the Phi Pi's have to put up a comparatively inexperienced (for the Phi Pi's) team on the floor to defend the laurels.

Who is the strong entry this year? The Phi Pi's seem to consider the Phi Kaps as the potential fly in the ointment. However the odds go this year's tournament will be more evenly contested than those for the past decade or less.

The boxing and wrestling tournaments, indicates that the tournament will be conducted as it was last year. Notice will be posted on the bulletin board.

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—and the girls raked in the nickels and the dimes
—and they sang "a hot time in the old town"
—and the boys smoked them



the cigarette that's MILDER
the cigarette that TASTES BETTER