



SIDELINES

By LEROY BECKMAN

THE DAILY PRESS released a story the other day based on the assertions made by Vice Admiral Nobumasa Suetsugu, commander-in-chief of the combined imperial Japanese fleets, with regard to existing military relations between that country and the United States and Russia. The admiral boldly asserted, for publication, that the resumption of diplomatic relations between the United States and Soviet Russia "involves a scheme to surround Japan for military purposes."

HE CONTINUED, saying: "A frontal clash between the two great Pacific fleets would seriously damage both sides. It is likely that the United States would use every means to surround Japan. We must prepare for it, and in fact we are already preparing for it." Who or what suggested a war between the United States and Japan? It's quite evident that the resumption of diplomatic relations between the United States and Soviet Russia was established on the basis of friendliness to promote international peace. Peace does not stimulate hostility. The admiral wants the war.

VICE-ADMIRAL Suetsugu is a noted submarine expert and an authority on naval strategy. The Japanese people devote their efforts toward building a navy for themselves and the admiral. In the event of war the admiral becomes navy minister. In view of his high position, we again say, the admiral wants the war—so he can play with his toy ships.

DIPLOMACY, the naval mastermind claims, is of no use whatsoever. He said that in so many words, and immediately rambled off into an explanation as to how geographical formation favored his defenses in warfare. He added too, that the time is past when the white race can consider itself superior to the yellow. Internationalism is not a question of race. It's a question of mentality. Of course, if a nation composed of a definite race desires blind action to logical thought, as does the admiral, it is only natural that its superiority would become non-existent in the minds of the majority.

THE SOCIAL PROBLEM in Japan is indeed grave. Territorial expansion is necessary, which accounts for Japanese invasion of Manchuria. However, Japan is pushing its invasion to the extent where Russian interests come up for consideration. Therefore, when Russia concentrates a military force at its border line, Japan is insulted and points its guns at Russia. Russia points its guns at Japan—if somebody slips they'll blow each other off the map.

BECAUSE the United States recognizes Russia for peace, it takes a narrow mind to establish the same
(Continued on page 2)

Add Three Alumni to Board of Trustees

On Dec. 26, 1933, the annual business meeting of the Alumni Association was held at the Union Club of Chicago. Contemplated changes in the constitution were discussed and a report was had on the finances of the association. Unfortunately the report seemed to be mostly red.

Mr. Lanigor of the Personnel and Placement Bureau gave a report on the activities of that office, in which it was brought to light that a number of our engineers have gone back to work in the past two months.

A talk was given by Harold Munday on the new Alumni drive. Also at this meeting three alumni were reported elected to the Board of Trustees. They were, Alfred L. Eustice, B.S. 1907, elected for one year, Edwin O. Griffenhagen, B.S. 1906, elected for two years, and Howard L. Krum, B.S. 1906, elected for three years.

Boeing Air School Man Will Lecture

Arrangements have been made by the Armour A. S. M. E. through which a representative of the Boeing School of Aeronautics of Oakland, California, will lecture here. Mr. W. van Hartsma, in charge of extension and placement at the well-known western school will give Armour students the opportunity of hearing a discussion of modern aeronautic technique which he has presented at some of the largest and best schools in the country in recent weeks. The lecture will be next Monday morning and is tentatively set for ten-thirty. Junior and senior mechanical and civil classes may possibly be dismissed at this hour.

Shows Motion Pictures

Mr. van Hartsma's lecture is supplemented by a number of motion picture films, some of which will be shown here. A historical film, showing the development of the airplane since the momentous December day in 1903 when the Wright Brothers' awkward machine spread its wings, is available for use. Of particular interest to engineering students should be the film showing manufacturing processes involved in the building of Pratt and Whitney engines and the Boeing Transport planes of Model 247. A view of training methods in the school itself is contained in another reel.

The speaker is also ready to discuss recent developments in the industry and the opportunities it offers to college-trained men.

Graduating Class to Order Cycle Pictures

Seniors should order their Cycle pictures this week at the Marshall Photographers at 140 N. State street. Samples of pictures may be seen in the lobby of Main building.

The prices for a dozen pictures are: sizes 5x7 and 5x8, \$7.50; 6x8, \$10.00; 8x10, \$15.00; for half a dozen, 5x7 and 5x8, \$5.50; 6x8, 7.25; 8x10, \$9.00. An 18x20 inch reproduction of the master composite of each member of the senior class is included in these prices. Also the picture in the senior section of the Cycle is included. The price of the composite and Cycle picture is \$3.50. For the Cycle picture alone it is \$1.00.

These orders may be paid in installments, one-third of the amount of the order at the time of sitting, one-third when the proofs are returned, and one-third when the order is completed.

Armour Represented at Economic Council

Each year the American Economic Association and affiliated associations hold a meeting in one of our large cities. In past years they have been held in New York, Chicago, and Washington, D. C., but this year it was held in Philadelphia. It lasted for three days, December 27, 28, and 29.

Professor Blough, head of the department of Social Science at Armour, spent these three days of his Christmas vacation in attending this meeting, as did many other noted economists and sociologists from leading universities throughout the United States.

Dr. Hotchkiss Visits Former Home in East

On Dr. W. E. Hotchkiss's vacation trip to his old homestead at Seneca lake, near Ithica, New York, he found that the weather down East can get quite cold. He says that the cold snap in New York this winter was the worst he has ever experienced there.

Mr. and Mrs. Stanton Foster, the son-in-law and daughter of Dr. Hotchkiss, motored with him on the trip. Their return was made hazardous by the icy pavements.

GOVERNMENT FINDS POSITIONS FOR 200 ARMOUR GRADUATES

CWA Jobs Are Procured Through Placement Office

MAY PLACE 50 MORE

Approximately 200 Armour graduates have been employed by the CWA during the last thirty days, according to the estimate of Howard K. Lanigor, Placement Officer at the Institute.

"More than 400 of our men registered for CWA jobs in November and December," Mr. Lanigor said, "and while it is impossible to tell the exact number of men who have since been called to work, letters and calls coming to us indicate that half of the applicants are already on the job. Information now available at various CWA offices indicates that enrollment of workers is only seventy-five per cent completed, so that we may expect fifty or sixty more Armour men to have jobs before the end of the month." Armour men are employed in many different capacities under the CWA according to Mr. Lanigor.

Largest Project Downstate

The largest project is the downstate surveying work which is being carried on under the direction of the U. S. Coast and Geodetic Survey station at Urbana, Ill. Thirty-five Armour men have reported for work at Urbana, whence they have been assigned to parties working throughout Illinois.

In connection with the several Cook County highway projects which the CWA is operating, a number of Armour men have been employed as "highway engineers," supervising laboring gangs assigned to this department.

Other government projects in which Armour men are engaged include construction of locks and dams along the Mississippi River, work which is directed by the U. S. War Department; census taking in Chicago; sewage disposal work for the Sanitary District of Chicago; drafting and statistical work for a multiplicity of city projects.

(Continued on page 3)

CWA Occupations Are True Test of Calibre of Graduate Engineers

To the engineer who for lack of more satisfactory and remunerative occupation has gone to work for the CWA, life presents all manner of interesting problems. To observant, aggressive, keen young men the experience of these few months offers rich opportunity for mature development. For more timid souls, it must remain always a nightmare.

Take the case, for example, of a young civil engineer from Armour Institute who was assigned to one of the west county highways. He writes as follows in a letter to the Placement Office:

"I believe I am the youngest man on the project for which I am engineer. The requisition called for 30 men, 4 foremen, and one engineer. The work consists of digging ditches and dressing pavement shoulders. Needless to say, none of the men are overworked, but then I believe that any man who is willing to forget his pride and work in a ditch is entitled to some money. It is very interesting to talk to these men about their former occupation.

"One man is a graduate of West Point and served as Captain during the war, another is a graduate of Purdue University and was an instructor in topography there for several years (he's a water-boy now). Still another had 150 men working for him in Russia last year. Two of the men owned restaurants; one had

Registration to Begin on Monday

Registration in classes for next semester will be accomplished in a manner somewhat different from that used in the past. With this new method, the students will first make out a tentative program from the programs posted in the foyer of the Main Building. Next they will fill in a registration card in the Dean's Office, for which they will receive a blank program card and a class enrollment card. This enrollment card is the permit for registration in each class.

The enrollment in classes, in all subjects, will be carried on in the office of the department to which each subject belongs. The instructor will take care of all the registration, and it will not be necessary to enroll with the individual instructors. When the student has registered in all his classes, he should turn in the class enrollment card and a final program card. He will then receive a bill which is to be paid immediately in the Cashier's Office.

Registration will take place from January 22 to 26 inclusive and on February 5, 1934 between the hours of 9:00 A. M. and 3:00 P. M. For those wishing to enroll in classes in Mathematics of Investment (Math. 401), Differential Equations (Math. 302), Public Speaking (English 401), History of Civilization (Soc. Sc. 202), and other such classes, should leave copies of their programs with the instructors. The hours for these classes will be arranged later.

In case of any doubt as to the procedure the student should consult the bulletin board where detailed instructions will be posted.

Sophomores to Get Jackets This Friday

Using the time-worn expression, it won't be long now until the school will be enlivened by a dash of color. The sophomores will blossom forth in their new and resplendent jackets. They will be delivered this Friday, and another list of orders will be sent. So far there have been just a few less than a hundred ordered and as many more are expected. These later orders will not be delivered for about three weeks.

HOTEL SHORELAND, CHARLEY STRAIGHT'S ORCHESTRA ARE CHOSEN FOR JUNIOR DANCE

Social Committee Reduces Bids to Dollar and a Half to Attract More Students

EVENT SCHEDULED FOR FRIDAY EVENING

The course in Mathematics of Investments is scheduled tentatively for Monday, Wednesday, and Friday afternoons from two until three and will be taught by Professor Bibb. This time will be changed if necessary at the convenience of the students.

Differential Equations is scheduled for Monday, Wednesday, and Thursday afternoons from two until three. The instructor is Professor Teach.

Since attendance in these courses is necessarily limited, students should consult the instructors as to their eligibility.

The Physics Laboratory will be closed for this semester's work after next Saturday. All reports to be credited on this semester's work must be in not later than 12:00 noon next Tuesday.

Tech Rifle Team Defeats Lawson

Victory Is Gained by Fifteen Point Margin

Armour Tech's Rifle Club added to its victories last Tuesday evening by defeating the rifle team of the Victor Lawson Y. M. C. A. on the latter's range by a score of 923 to 908. The points garnered by the five high point men of both teams follow:

Armour	
C. Sachs	189
D. Wilson	187
W. Henning	186
E. Renstrom	183
D. Moore	178
	923

Lawson	
S. Patla	189
Lindahl	184
Lacy	180
Hart	179
Rubenstein	176
	908

Mr. Elmer La Pado is the manager of the Lawson team, over which Armour was also victorious last year by a score of 1806 to 1734. Two weeks ago the Armour Tech Rifle Club defeated a team from Appleton, Wisconsin, and matches this year were also played with the Humboldt Park Rifle Club.

To Enter Tournament

In the near future meets will also be held with the military units of the Minnesota and California State universities and the New York Stock Exchange. In February the Tech Rifle Club will compete in the annual Illinois State Rifle Association tournament, from which Armour has emerged victorious for the past three years.

Dean Heald on CWA Junior College Board

Armour's representative on the advisory committee of the CWA Junior College is Dean Heald. This committee is made up of educators from several colleges in this section of the country. So far over 1200 students have enrolled for the various courses, the most popular of which seems to be psychology and Commercial Law. Other courses being offered include, English, History, Political Science, Trigonometry, and College Algebra.

The Hotel Shoreland and Charley Straight's orchestra have been chosen, respectively, to furnish the setting and the music for the Junior Informal to be held this Friday evening.

Precedent has been destroyed by the junior social committee, headed by Nicholas Maurer, in presenting this dance by reducing the bids from the customary two dollar level to a dollar and a half. Before agreeing on this cut in the price of the bids the social committee spent a great deal of time in discussion of ways and means of effecting an increased attendance at Armour dances and finally decided the logical way was to lower the price of bids. The purpose then, of this reduction is entirely altruistic. It is to enable more Armour students to attend this social event of the school.

Plan Aims to Attract More Students

An interview with various members of the faculty showed that they were decidedly in favor of any plan that would attract a greater percentage of students to the dance. We quote Professor Schommer. "It most certainly should be the object of any college student to gain social assurance while in college by attending school dances or the like and the reduction in the price of the bids will enable many more Armour students to take advantage of this opportunity."

The choice of the Main Ballroom of the Hotel Shoreland by the social committee can not be improved upon, since it presents a spacious and beautiful ballroom, comfortable lounge, and an atmosphere of prestige. The Hotel Shoreland is located at Fifty-Fifth and the Lake and is easily reached by means of the Outer Drive. Although this is the first time in recent years that an Armour class has travelled out of the downtown district to select a ballroom, the reputation and ballroom facilities of the Shoreland are equal to any in the city.

Popular Orchestra Chosen

Charley Straight's orchestra, which has been procured by the social chairman to furnish the dance melodies, is well known in Chicago. He has played in several of the outstanding supper clubs of the city and is a radio favorite, by reason of his broadcasts over the CBS from the Granada.

Bids may be obtained from members of the social committee of the junior class composed of Nicholas Maurer, chairman, John Ahern, Richard Armsbury, Earl Fenske, Richard Friede, Chedo Grakavac, and Robert Patterson, as well as the social committees of the other classes.

Jacket Committee Is Selected by Juniors

At a special meeting called by a petition signed by thirty-five juniors, the junior class decided to select and purchase class jackets next semester in order that the members may have the use of them during the entire senior year.

Members of the committee to attend to all details involved in the selection and distribution of the jackets were elected by the individual departments. They are George Bradac, M.E.; Charles Handler, E.E.; Bruno Rigoni, C.E.; William Trudelle, F.P.E., and Jack Weiland, Ch.E. The architect member of the committee had not been selected by Friday evening.

Discussion was also held concerning attendance at the Junior Dance and participation in the Interclass Track Meet.

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A Time Problem

Fact Now that most of the students are making out their programs one can hear every place "How do they expect us to do all that work?" But the administration does seem to expect it. The bulletin states that the average student must study about 25 hours per week (which we feel is a low estimate) in preparation for his classes with an average of 30 hours per week actually spent in class. These 30 hours of class interspersed with a few free hours fill up a good five day week. And then there are the other 25 hours of study to keep a student from enjoying his spare time.

If a student spends about 8 hours a day at school, 8 hours for sleep, 2½ hours for eating and 2½ hours for transportation, there is left only a scant 3 hours for homework. And if he were to do this on each of the five school nights there would still be 10 hours of labor for the week-end. Of course, this is only the bulletin's idea of the quantity of work that must be done.

And the bulletin says that the above program is that of an *average* student. Our idea of an *exceptional* student is not one that could do his work in less time than estimated but one that would follow the bulletin's program.

Result The principle result of too heavy a schedule is to cause, not a nervous, but a moral breakdown. Most of the men do only a small part of their own work and copy or get assistance for the remainder. Even the best men work in pairs, theoretically giving each other mutual help, but actually each one does the half in which he is more interested. Some professors try to prevent this by varying the figures in a problem for each student, but a few do the necessary research and the rest just follow the procedure and substitute their own figures.

The final result of this method of "getting the work in" is that the good men are not damaged materially in their subjects because even by copying they can pick up enough knowledge of a problem to understand its nature and to be able to do a similar one without assistance. The average and less-than-average students, however, are going to learn a little of those subjects they like and will have only a superficial and non-lasting knowledge of the others.

Cure One immediate suggestion for improvement is that some way be found to force each student to do all his own work. But with such a provision preference is given to the plugger or grind and not to the perhaps brilliant student who feels that there should be something in life (especially college life) besides slaving 24 hours a day.

A much better way would be to cut down the number of hours of detailed work, especially of homework, and then to absolutely force every

"The Slipstick"

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

To school again,—not with the "back to the old grind" idea but with fresh ideas which incorporate all the principles of The New Deal. (This is a humor? column).

If you take somebody's life
It's a sin.
If you love somebody's wife
It's a sin.
If you drink or smoke or chew
Or take what's not your due
With heaven you are through
For it's a sin.
If you play around with dice
It's a sin.
If you don't treat others nice
It's a sin.
If this sort of life seems dry
And you feel you'd rather die
Suicide you cannot try
For it's a sin.

People who do not believe in uniting should take a lesson from the banana which gets skinned as soon as it leaves the bunch.

An Element—"WOMAN"

Occurrence:—Can be found where man exists. Seldom found in the free state.

Physical properties:—All sizes and colors. Always in disguised condition—surface of face seldom unprotected—very bitter if not used correctly.

Chemical properties:—Extremely active. Possesses a great affinity for gold, silver, platinum, and precious stones of all kinds. Violent reaction if left alone by man—great ability to absorb all kinds of expensive food—sometimes yields to pressure—fresh variety has great magnetic properties—highly explosive, and very likely to be dangerous in inexperienced hands—some turn green when placed next to better appearing samples—ages very rapidly in nascent state.

An Engineer's Vest Pocket Dictionary

Fuel: A very dumb person.
Friction: Story book stuff.
Grate: A packing box.
Lacquer: A little something in the bottom of a glass.
Log: That part of you that goes down to your foot.
Lattice: Something to put the mayonnaise on.
Microhm: A germ.
Orifice: Where you go to get valentines.
Pier: An amber liquid which tastes good with pretzels.
Pump: To hit something.
Putty: Not hard to look at.
Series: Not to be taken lightly.
Worm: Not cold.

Gladly, The Cross-Eyed Bear

Papa gave to little Johnny,
A funny Teddy Bear.
It was not new, but slightly used,
And showed some signs of wear.

This Teddy had a big black nose,
It had a smiling mouth;
But one poor eye looked to the north,
The other pointed south.

Johnny named his new pet "Gladly",
He'd heard that name somewhere,
The minister at church had said,
"Gladly the cross I'd bear."
D. S. D.

I got a purpose which is high
I shuns the flowing bowl,
I hits my books while you guys dance.
I'm pure. I got a soul.

I got La noble duty here
I got a urge to know
I got ambition, and, besides,
Cheez, guy, I got no dough.
Nebraska Blue Print.

So long, see you at the Junior Prom.

J. A. B.

student to do the required work by himself. Secondly, private enterprise and research should be encouraged, particularly where it leads the student to go out and meet practicing engineers and business men. In this second suggestion there is incorporated the fact that a student does best that thing which he enjoys doing. Time and opportunities for social contacts should also be provided.

By this means an engineering graduate would have a firm foundation of engineering knowledge, would have some practical knowledge of the business and social world, and would have a clear understanding of where he is going and what goal he wants to attain.

SIDELINES

(Continued from page 1)
as indicative of war. The United States desires peaceful activities. If we were to adopt the offensive, the boys in Flanders would all shout, "No." If we were compelled to adopt the defensive, those same boys would say, "You're right."

AFTER ALL, some of the argument results because Japan was not satisfied with the naval treaty, designed to prevent war by promoting peace. It would be quite ridiculous for a nation to go to war because a treaty was not satisfactory enough to prevent a war. The nations have striven for so many types of treaties that they only have one good alternative in reserve—forget it.

OTHER CAMPUSES

An examination at the University of Mississippi asked for the principal parts of any Latin verb. Upon one paper was written: "Slippee, slipere, falli, bumpius." The returned paper had these words: "Fallo, fallere, fluucto, suspendum."

The president of the University of Southern California says that a college freshman has only about one-half the vocabulary of the common laborer. "Swell," he says, "is used to describe 4,972 situations."

Harvard's baseball team is starting the New Year right with formal practice having begun this month.

Dr. Frederick Rand Rogers, dean of Boston University's department of health, declared that the beautiful chorus girl is almost certain to be intelligent; that catch phrases like "Beautiful but dumb" are merely superstitions and that in the long run good things tend to go together. He's telling us.

Students in the optometry department at Ohio State University were about to get one of their first real opportunities at practical optics. A victim was selected by the faculty and the students were to examine the patient's eyes to determine what kind of glasses were needed, if any.

The optometrists-to-be were anxious to do a good job. They hustled about in good order. Finally the individual tests were completed and the students retired, each one to submit his conclusions as to the tests. The results were varied. Some suggested glasses, others declared the sight perfect, but all were strong in their convictions.

Not one student discovered that one eye of the patient was of glass.

Arx News

Well, the Christmas holidays are over and everyone is back hard at work, although some still need another vacation to recuperate from the last one . . .

Santa Claus was pretty good this year, especially to IRION, EKROTH, and MARBERG who received a second mention apiece from him on their "CITY PLANS." TERP, MARTORANO, KOSSUTH and SEABERG didn't have as large stockings hung Christmas Eve as the others, thereby only receiving mentions. Although BARTLETT didn't receive one of the better grades he had one of the best and most unusual renderings ever turned in for a judgment.

It seems Kohn has completely recovered from his recent illness of not being able to sit down, and get himself as well as Forsyth and Sumner something new to worry about. Just ask the boys for complete details. . . I'm sure they're more than willing to let you in on the secret??

At last our basketball tourney has been completed with the sophs the winners—although we still say the frosh can beat you, sophs. Bet you're afraid to play them

The highest award in the form of a first mention was given to Kvopil in a recent judgment of a clay modelling problem. Have you noticed how he's "clicking."

Goodby . . . good-by—this is for my two readers—one didn't return from the vacation as yet. Here's hoping he will be back by next week.

SNOOPING SAM.

Fraternity Notes

THETA XI

The officers for the coming semester were installed at chapter meeting on January 8. They are:
President—P. V. Smith.
Treasurer—Lee Willis.
Steward—C. M. Christensen.
House Manager—R. S. Kercher.
Secretary—E. O. Norris.
Corresponding Secretary — Earl Krefit.

At the present Milt Collick, E.E., '33 and Dean Riesen from the University of Michigan are staying at the house.

PHI PI PHI

The New Year's Party which was held at the Chapter House was a huge success and the New Year was given a loud reception by the merry crowd.

Brother Anderson, who left school at the beginning of this semester due to illness, will be back next semester. Pledge Wally Budvitis emerged victor in the Annual Pool Tournament as was expected. Wonder why so many Brothers went to the De Paul game?

PHI KAPPA SIGMA

Pledge Brother Adam Hefner has just returned home from the Jackson Park hospital where he had an appendicitis operation during the holidays. We are glad to hear that he is rapidly improving and will be back in school again in a short time.

We are pleased to announce the finding of our lost mascot, our Belgian police dog, Pal, by Brother Marow. Although the pup was in bad condition when found, he is gaining his strength rapidly and will soon be back to his normal weight, 90 pounds.

A New Year's Eve party was held at the house and was very well attended, especially by the Brothers from the Illinois and Purdue chapters who were in the city for the holidays.

F. P. E. S. Addressed by Meyer on Forms

Mr. T. Meyer of the Insurance Company of North America was the speaker at the meeting of the Fire Protection Engineering Society last Friday. The subject of his talk was, "Multiple Location Forms."

He first explained the purpose of establishing the Interstate Underwriters Board, which had a direct bearing on the whole of his talk. The I. U. B. was established for the purpose of preventing the loss of business due to cut-rate practices of all companies. It was also established to aid the company and its clients in accounting for the fluctuation of property values, namely rolling stock.

The connection between this Board and the State Inspection Bureau is namely, that all multiple location forms issued in the State of Illinois by companies within the State are sent to the State Bureau, whereas forms issued outside the state where in the company is located, interstate forms are sent to the I. U. B., New York City, New York.

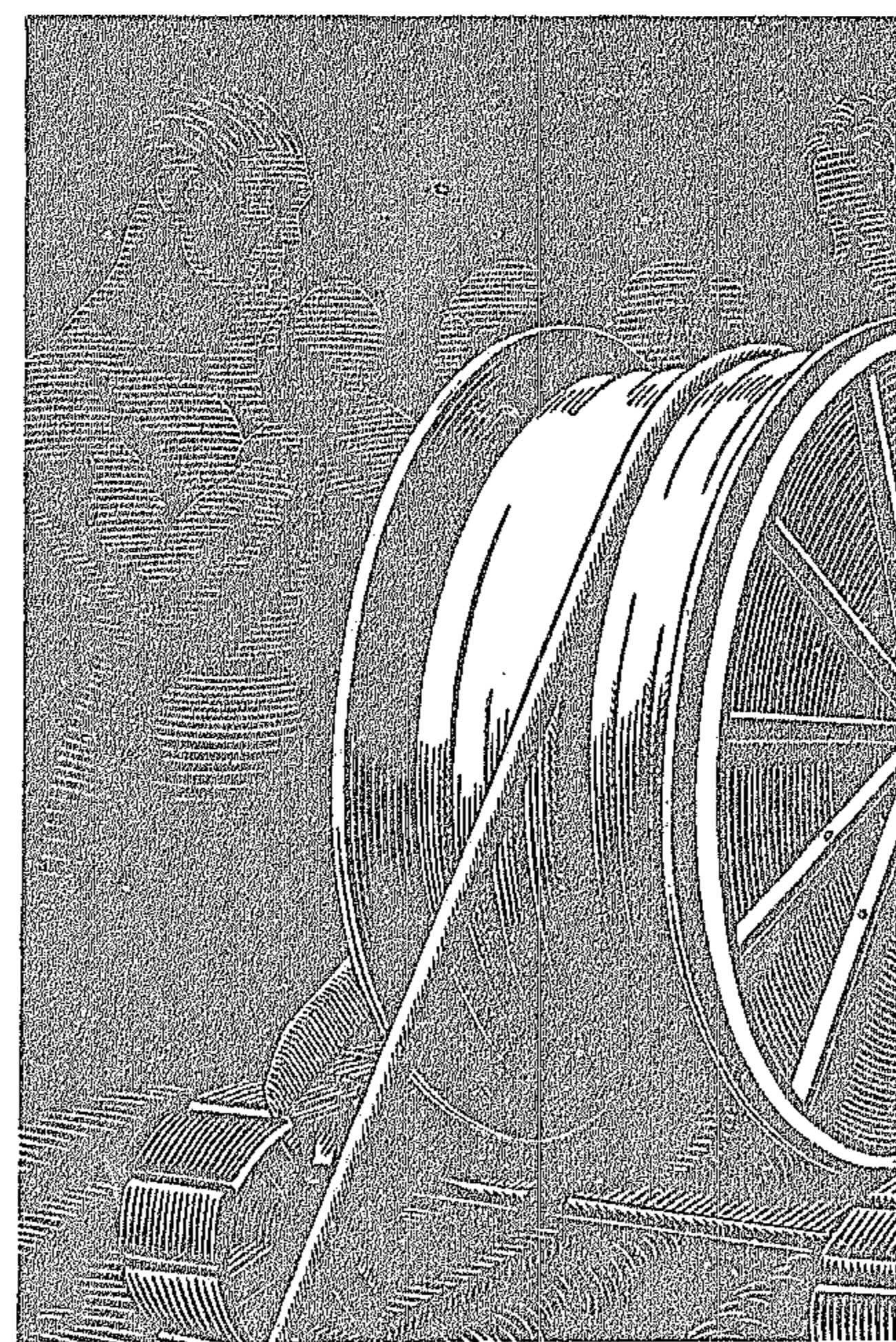
The numerous forms are essentially the same, except that the different Boards have jurisdiction over the business. Such action is of course required only by those companies supporting the I. U. B. and State Bureaus.

TRIANGLE

With the Snowball now but a memory the house is once more in order for the coming semester. With the finals looming in the distance activities will be taking a back seat for a few days. However as is usually the custom, plans for an inter-semester dance are under way.

With our ping pong table up now we have been practicing and are ready for some competition. Among our recent visitors at the house was Don Fetterman, '31, who at present is working for a radio company.

The manly art of self-defense



... now applied to telephone cable

Western Electric, manufacturing unit of the Bell System, now makes a tape armored telephone cable ready to meet all comers. When laid directly in the ground, this cable defends itself against moisture, grit, corrosion and other enemies.

Besides the usual lead sheath, the tiny copper wires in the cable are guarded by seven layers of paper, jute and steel tape—all saturated or covered with asphalt compound.

In pioneering and producing improved apparatus, Western Electric contributes to the year 'round reliability of your Bell Telephone.

BELL SYSTEM



WHY NOT TAKE A TRIP HOME BY TELEPHONE?
— TONIGHT AT HALF-PAST EIGHT

CWA PROJECT TO AID MANY NEEDY UNEMPLOYED MEN

(Continued from page 1)

Organization Hurried

"The enormity of the whole CWA program and the rapidity with which men were hired and put to work have made it impossible for these projects to be thoroughly and properly organized," Mr. Lanigor stated. "The particular capacity in which a man is employed has depended upon an assignment made when his application was withdrawn from the registration lists, and has been largely a matter of chance. Frequently, a young engineer with no practical experience may find himself in charge of men many years his senior, with long records of engineering experience!"

Pay varies according to the assignment from twenty-two to forty dollars a week. Engineers employed in the surveying projects downstate average about twenty-five dollars a week, while draftsmen and statisticians at work in the city are on a somewhat higher rate, and certain of the Cook County highway men

are drawing as much as forty dollars.

New Projects Planned

"For the most part, these CWA projects have been in the field of civil engineering," Mr. Lanigor said, "although graduates of all departments at Armour have been called to work." A smoke abatement survey of Chicago which is scheduled for organization in the near future will provide work for many mechanical engineers, and a special project is contemplated which would require the services of a large number of architectural draftsmen.

"On the whole," Mr. Lanigor concluded, "while to many the CWA appears as a ponderous and loosely organized project, and while many injustices have naturally occurred in putting it on an operating basis, there can be no doubt of the fact that it is accomplishing its major purpose, which was to provide work and funds for the unemployed, and that many of the programs which it is carrying out are useful and desirable. As the program goes forward, adjustments are being made to eliminate waste and to assign men to the positions in which they properly belong."

Phi Pi Gets Notch in Sixth Cage Cup

For the sixteenth consecutive year, the Phi Pi Phi basketball team conquered all comers in the annual interfraternity tournament. After surviving the first three rounds of the meet in easy fashion on the Tech "cigar-box" gym floor, the winners proved their right to be acclaimed the Greek cage champs by defeating a rugged team of Deltas by a 26-12 score.

BOX SCORE			
Phi Pi Phi—26	B	F	P
Shukas, f.	0	2	3
Melinowski, f.	1	0	0
Merz, c.	2	0	1
Sramek, g.	1	1	1
Heike, g.	7	1	0
Totals	11	4	5
Delta Tau Delta—12	B	F	P
Streb, f.	2	3	1
Doane, f.	1	1	3
Gallagher, c.	1	0	1
Amory, g.	0	0	1
McAuliffe, g.	0	0	1
Totals	4	4	7

Tech Wrestlers Lose to Wheaton

Although Wheaton snatched an 18-14 victory from the Armour muscled last Wednesday, the Tech-men possess a moral victory over the Little Nineteen champs by taking four bouts to Wheaton's four.

Wheaton Takes Lightweights

Wheaton opened the bidding with two falls in the lighter departments. Hanna pinned Bob Hella in 2:06 after riding with a tight figure-4. Gehr worked to a fall over Marslek in 2:10.

The next mix, at 145 lbs., opened Armour's offensive. Kellogg, Wheaton captain, started fast by spilling Schmidt, but a rapid and potent double wrist lock put Bob on top. He held a precarious top position till the ambitious Kellogg gained the advantage after several breaks. After a short period of activity Schmidt slipped on a leg scissor to become the aggressor. He used the cross-ride to build up a winning time of 3:41.

Patterson and Austin at 135 lbs. exposed the spectators to much activity. Pat tackled Wheaton to open

on top and maintained his advantage by dumping Austin as frequently as he became obstreperous.

Herm Sumner at 155 lbs., kept up the good work by defeating Jorgensen of Wheaton.

Larson, giving weight to fill the empty 165 lb. bracket, fought a losing match to Lieberman of Wheaton, and a fall was called in the last minute of the bout. Gus Bergquist lost to Malmquist of Wheaton.

Peterson closed the meet successfully for Armour with a fall over Kuiper.

Summary

Hanna (W) pinned Hella (A); 118 lbs.

Gehr (W) pinned Marslek (A); 125 lbs.

Patterson (A) defeated Austin (W); 135 lbs.

Schmidt (A) defeated Kellogg (W); 145 lbs.

Sumner (A) defeated Jorgensen (W); 155 lbs.

Lieberman (W) pinned Larson (A); 165 lbs.

Malmquist (W) defeated Bergquist (A); 175 lbs.

Peterson (A) pinned Kuiper (W); heavy.

Results of Boxing Tournament Given

Three elimination bouts were held last Friday evening in preparation for the finals tomorrow night in the annual intra-school boxing tournament with the following results.

R. Fleissner defeated W. Anderson (3) in the 135 lb. class. In the 142 lb. department, Kirkpatrick won a three round decision over Snashall. In the 156 pounders Smith defeated Augie (3) in a closely fought battle.

Thus far the following matches have been arranged for the finals:

126 lbs. Way vs. Goldman.

142 lbs. Geergerts vs. Kirkpatrick.

156 lbs. McAuliffe vs. Smith.

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TECHAWK CAGERS LOSE TO DE PAUL BY 43-35 SCORE

Armour Five Outplays Blue Demons in Last Half

FOULS SLOW UP GAME

Outreached but not outfought, the Tech cagers lost a hard battle to a smoothly functioning De Paul team last Thursday. The final score was 43-35. With an offensive built around Barskis, giant center, who made a total of 17 points dropping in six baskets and five free throws, De Paul jumped into the lead at the start of the game and never relinquished it. The score at the half was 30-17. Warner, who replaced Lukas when he went out on personals, started on offense for Armour with five baskets and two gift shots for a total of 12 points. A near capacity crowd of 1500 watched the battle.

Rough First Half

The first half was marked by fierce playing on the part of both teams. At times the game was more of a football scrimmage than a basketball game. Most of the nineteen fouls committed by the Techhawk cagers and the 12 personals made by DePaul were called in this half. De Paul drew first blood. After scrimmaging under the Armour basket, a foul was called on Captain Pflum for charging. Gorsky made the free throw. The ball was rushed back and forth for several minutes until Adams intercepted a Techhawk pass, dribbled down the length of the floor, and made a nice set-up shot. Barskis, soon after, connected with the hoop.

Meanwhile both teams were drawing personals with surprising rapidity and were making the gift shots regularly. The Kraft-men made their first basket near the close of the first half. After working the ball down the floor, Lukas received a pass and made a nice overhand shot. On the next play Barskis received the round pigskin and started dribbling toward the Armour basket. Pflum, with a beautiful bit of defensive work, stopped the play. To close the first half, Warner who had just replaced Lukas sank a shot from the free throw circle. Score, 30-17 in favor of DePaul.

Best Basketball in Last Half

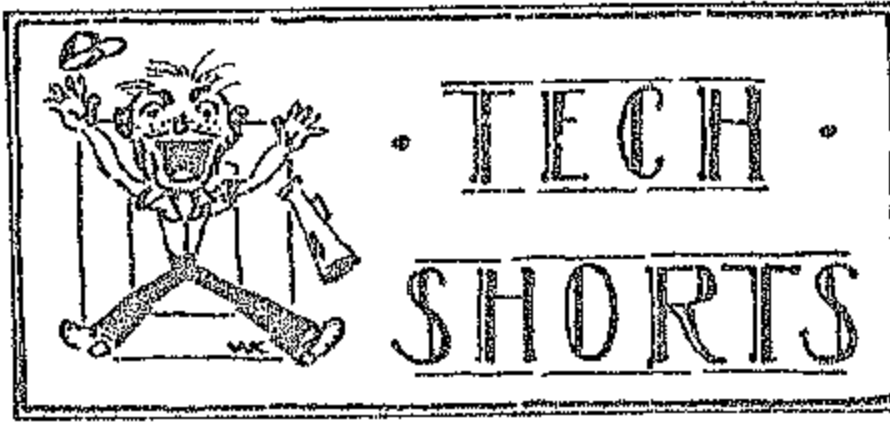
The second half was speedier and better played than the opening session. Armour with Warner leading the attack could not be stopped. In the first two minutes of play, the Techawks had put in two baskets, both by Warner. One was an overhand shot from the free throw circle, and the other was dropped in after Warner had taken it off the backboard. In order to stop this sudden rally, DePaul took time out. The rest period helped immensely, and DePaul gradually increased their lead until the score stood 36-23.

Warner Starts Rally

At this point came the final Tech offensive which carried them to within three points of the DePaul score. Warner again started the rally. Coming in from the side on a pivot play, he received the pass from Merz and sank a nice stepin shot. A few seconds later he again connected with the hoop, making the score 36-27. A double foul was called on Heike of Armour and Krause of DePaul. Both gift shots were made.

Armour Rally Falls Short

Continuing the attack, two more baskets were chalked up for Armour. Christoph sank one and Pflum, after intercepting a pass and dribbling down the length of the floor, the other. Merz brought the score to its



By Ray Fleissner

The Tech cagers are in the limelight now, and are they soaking it in Mid-season results and effects—victories over the Tech alumni and Chicago Normal and defeats administered by North Central (oh yes, again) and by De Paul.

The alumni game was as close as a Scotchman's purse, with the varsity team out ahead by a one point margin when the whistle blew. Among the former Techawks who closest point, 37-34, when he connected from the free throw circle. In the meantime DePaul had missed repeatedly on a series of follow up attempts made possible by superior height, but in the last few minutes, they got started with Barskis connecting with baskets and free throws to gradually increase their lead.

BOX SCORE

Armour (35)	B.	F.	P.
Heike, f.	2	2	2
Lauchiskis, f.	0	2	4
Lukas, c.	1	0	4
Dollenmaier, g.	0	1	4
Pflum, g.	3	2	2
Warner, c.	5	2	2
Merz, f.	1	0	0
Christoph, f.	1	0	1
Total	13	9	19
DePaul (43)	B.	F.	P.
Linsky, f.	3	4	3
Gorsky, f.	4	4	1
Barskis, c.	6	5	3
Adams, g.	1	0	4
Krause, g.	0	0	1
Weston, g.	0	2	0
Sand, g.	0	0	0
Total	14	15	12

carried the alumni colors to a near victory were Harve Rossing and and George Beemsterboer, both ex-captains.

Defeat Chicago Normal

A diminutive but fast Chicago Normal team also caused the Hawks no end of trouble, for a time at least, before being vanquished. The footwork of the teacher's squad bewildered the taller home team and nine minutes of the first quarter elapsed before any score was made.

Then came the curtain raiser. With quite a crowd of men who forgot that we had a vacation for a day and came down the Friday before school started, the cagers showed that they forgot all they ever knew about basketball. Consequence: North Central 40, Armour Tech 24. Last Thursday the home team won a moral victory (see Manager Davidson for particulars) but DePaul was eight points ahead at the end of the game. It was DePaul's fifth straight victory and admittedly was the hardest of those five, which included Minnesota and North Central. The boys played a great game against that football team, and on top of that, as Harry Dollenmaier told the ref and was called for it, there were six men on the floor for DePaul. Possibly the ref's sense of humor wasn't up to par that night.

TANKMEN: NOTICE

There will be a meeting of all swimming candidates today at 2:05 sharp in the Physics Lecture Room. Everyone involved is urged to attend. The tentative swimming schedule to date includes possible meets with Loyola, Northwestern B, George Williams, and Morton. Among other events included on this week's calendar is the Interclass track meet, and from all indications, the result is in the running. At the meeting held last Friday, Coach

Interclass Track Meet Saturday

Who will win the annual Interclass Track Meet is the question of importance to track and field minded Techawks at the present moment. The question will be answered this Saturday morning at the University of Chicago Fieldhouse.

Last year the "sophs" were victorious with the seniors, juniors, and freshmen placing in order. This year it is rather hard to pick a winner because of the even competition on all sides, which of course will add to the excitement of the meet.

At a meeting of track candidates held last week, Coach A. A. Stagg, Jr., stressed the need of the Tech track team for sprint men with natural ability, and urged all men who can sprint to be sure and compete in the Interclass Meet, Saturday. He also emphasized keeping of training rules.

The Armour Tech track team faces a stiff schedule this season according to the way the schedule is being

Stagg gave the men necessary pointers on training and routine, and also on Captain Nelson and Manager Kuehn.

Two games are scheduled for the basketball team this week. Thursday the cagers play at Wheaton and Saturday at George Williams College. If we're wrong, watch the bulletin board, and do your duty.

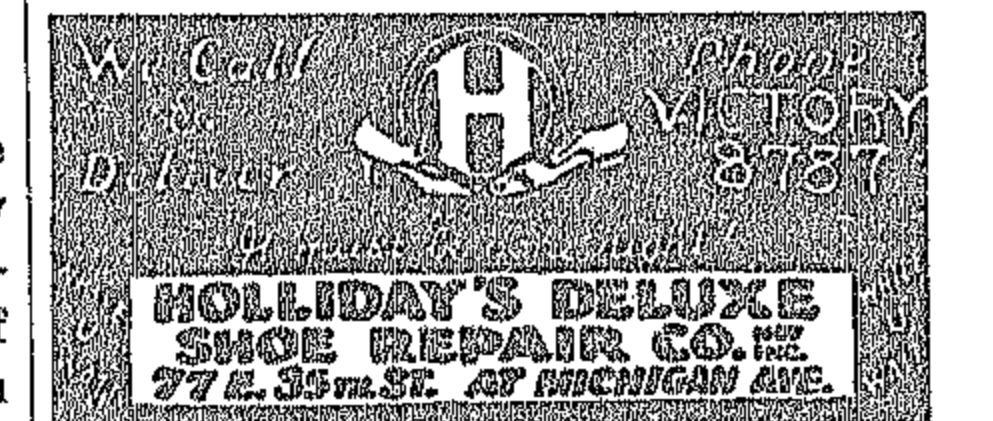
LATE SPORTS

Playing their poorest game of the season, the Techhawk five was decisively beaten by a score of 43 to 29 at Augustana last Saturday night. The Rock Island quintet through the able facilities of Schroeder, forward and high score man of the game with 16 points, plus the help of Mead, huge center for the winners with five buckets, jumped into a commanding lead which they never relinquished. Armour rallied in the second half but the lead was too great to be overcome.

arranged by Nicholas E. Kuehn, manager. It will be published as soon as it is in final form.

Armour Tech Relays March 17

Further track news of this past week was furnished by John J. Schommer (Professor to you), Director of Athletics, when he announced that the date for the Armour Tech Relays has been moved up a week from March 24 to March 17. He also stated that a few of the same officials who officiated at the 1933 Relays have already been secured for this year's Relays. Among these are Major John L. Griffith and Ted Canty, who need no introduction to track fans.



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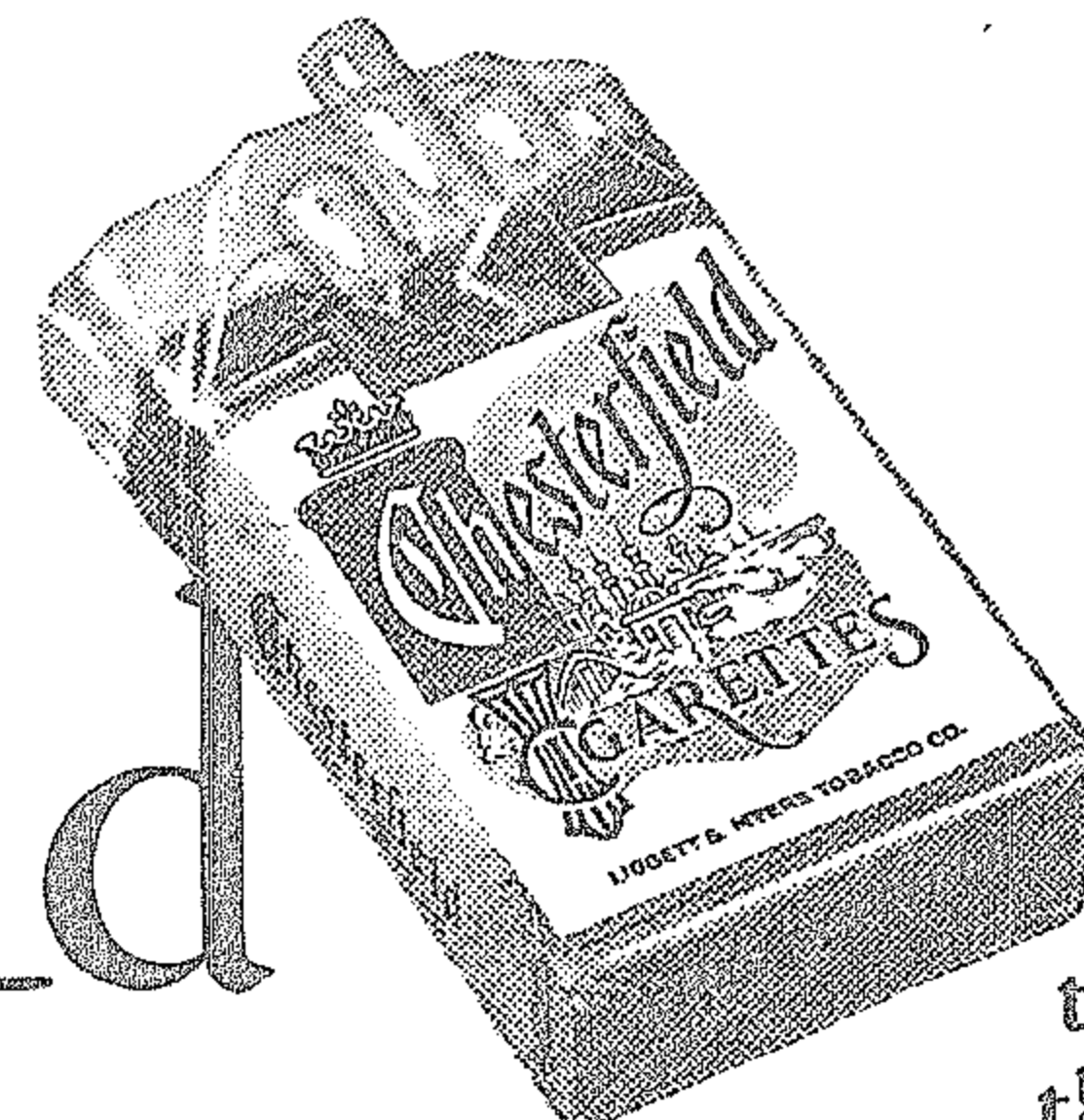
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