



## A.T.S.A. Offers Student Union Operation Plan

### Tibbals Suggests Manager For Executive Duties

There has been considerable wondering by the students on how the new Student Union is to be operated. This question was taken up by the A. T. S. A. at its last meeting, held a week ago yesterday. Dean Tibbals has presented a plan which is still tentative pending further action, for a manager to take care of the whole situation.

As the plan stands, there is to be a Union board, composed of ten members. This board will be the body to whom the manager will be directly responsible. The board will, in turn, be responsible to the A. T. S. A. as it now stands.

**Co-ops Have Two Representatives**  
The members of the board are to be four regular college students, one from each class. The men are to be appointed by the A. T. S. A. board of control, from eight men, two from each class, that have been elected by their class. The co-operative courses are to be represented by two members, one from the "A" group and one from the "B." These men are to be elected by the co-ops themselves. Evening division students are to be represented by one man, elected by the evening division of the student association.

Students enrolled in the graduate courses are to elect one student from their ranks, as their representative. In addition to the student members, there is to be one member of the faculty appointed by the school administration. Finally, there is to be an ex-officio manager.

**May Have Salaried Manager**  
Management of the Union is to be in the hands of the paid manager. He will be in charge of arranging dates for society meetings, banquets and other functions. It will be up to him to see that no conflicts occur on times and dates. The job will be a full time one, and a regular, but still undecided salary is to be paid him. There are to be several assistants given to the manager. One or two will be assistant managers from the student body, and from three to (Continued on page two)

## "Story of Coal" Fourth on WCFL

Coal, sometimes referred to as the "kernel of civilization," will reveal its "private life" as Armour airs its fourth broadcast series over WCFL Saturday afternoon at 5 p.m. Presented as a demonstration of the great achievements of the chemical engineer, coal will be revealed as a vital force in our present economic life.

In addition to supplying the greatest amount of power to turn the wheels of our huge dynamos, streamlined trains, and mammoth ships at sea, coal provides us with thousands of products which belie their ancestry.

Coal has always been of prime importance to the textile industry, being the origin of many of the best and most brilliant dyes. Medicine and culinary arts are indebted to this source of saccharine, the sugar substitute. The chemical engineer looks upon coal as the source of unlimited products which only await his discovery.

Announced by the roar of a modern streamliner, last Saturday's broadcast revealed the part which the mechanical engineer has played in the latest developments in rail transportation.

Highlight of the program was the story of the now famous non-stop Chicago to Denver run which was made in 1936. This record-breaking dash was made by a new and comparatively untested diesel-electric unit and was punctuated by a number of minor mechanical breakdowns, any one of which might have caused failure had it not been for the skill and vigilance of the crew.

## Plan Father and Sons Night for Early In December, Ask Changes in Handling

According to present plans, which are purely tentative, this year's Father and Son's banquet is to be held in the new Student Union building about the first week in December, a radical departure from previous procedure. A new method of ticket distribution is also to be used, which is directed to increase interest in this affair.

Since the new time is so far different from the old, which was in March, it has been thought advisable to question the student body as a whole to determine the general opinion on the matter. At the end of this article there is a blank form to be torn out and filled in with the desired information. These should be

placed in the News box in the main lobby as soon as possible.

Father and Son's banquets have become quite an institution here at Armour, for several reasons. They provide an excellent way for the fathers to become acquainted with the faculty, and the faculty with the fathers. In addition, the fathers get to meet other fathers and find out more about the student body.

Plans for distributing the tickets are also radically changed from last year. As it stands now, the idea will be to increase greatly the number of ticket salesmen and to distribute the salesmen in a strategic manner throughout all the classes and departments. (Continued on page two)

## Laboratory Numbers Guide Frosh's Blundering Feet

Laboratories are now classed with the other rooms in the renumbering program which has recently been completed. All numbers in the range between 100-199 will be found on the first floor, 200-299 on the second floor, etc.

In the past, laboratories were just named and new students unfamiliar with the arrangements of the rooms had difficulty in locating their classrooms. Now under the new system, knowing the buildings, one can easily find a laboratory or classroom according to the numbers. It is possible to have duplicate numbers; one may be located in Chapin while the other may be located in the Main Building.

## Mrs. Armour Presents School Of Architecture with \$50,000

### 'Night Hawks' to Swing It Oct. 29

Armour's Night Hawks will hold their first dance of the year this Saturday night, October 29, in the North Room of the Stevens Hotel. Day school students, as well, are cordially invited to attend this pre-Hallowe'en affair, which will feature the music of Pierson Thal and his orchestra. Marge Warren will provide the vocal attraction.

Bids are \$1.50 and may be purchased at the registrar's office during the day and every night from 7:00 to 9:00 p.m. The dance, which begins at 9:00, will be informal and a table dance. Harold Lynette is in charge of the dance committee and is assisted by Harold Koch and Albert Simandl.

This dance is the second of a series of events which the Evening Division Students' Association has undertaken this year. By this means the organization is making possible the enjoyment of social relations not possible in classroom association.

## A.T.S.A. Board Meets; Votes Medal Awards

At the meeting of the Armour Tech Student Association board, held a week ago yesterday, it was voted that M. E. Biddle, winner of the spring tennis tournament, should receive a medal of recognition for his taking the school championship. Inasmuch as all successful participants in athletics at Armour are given awards for their achievements, it was felt in order that Biddle be granted an appropriate medal from the organization.

It was further passed that the freshman relay team, which outran its intellectually superior competition in the last Junior Week circus, which included interclass track and field events, be rewarded for its unusual record. Each member of the squad will shortly receive a medal evidencing his having run on the winning squad.

## A.S.M.E. Plans Inspection Trip

Armour student branch of the A.S.M.E. will sponsor an inspection trip through the South Bend plant of the Studebaker Corporation, Wednesday, October 26. The trip, which was arranged by Prof. D. Roesch, will begin at 8:15 at the entrance to the proving grounds, located approximately ten miles west of South Bend on route 2, where guides will meet the group and begin the trip. After viewing the proving grounds the group will proceed to the plant proper, located in South Bend, for the remainder of the trip. The trip should be most interesting and educating as the plant is in full production of 1939 models and offers an insight into all phases of automotive construction.

Best routes to the plant, as announced by chairman Footlik of the trip committee, are routes 6 or 20 from Chicago to route 2 direct to the proving ground. All students who are planning to attend the trip and who do not have transportation, or any member who has space in his car, is requested to see the members of the trip committee as posted on the bulletin board.

Last Friday at 10:30 in Science Hall, Mr. W. H. Hubner, head of the Automotive and Aircraft department of Universal Oil Products, incorporated, gave a talk on Diesel Fuels and Diesel Engines. Accompanying Mr. Hubner was Mr. Smith, chief chemist of the Diesel department. Mr. Hubner divided his talk into two sections. He first discussed the methods of evaluating Diesel fuels and secondly the method of preparing the various grades of fuels.

## Bequest Announced at van der Rohe Dinner

As a fitting climax to the banquet in honor of L. Mies van der Rohe, President Heald announced a bequest of \$50,000 by Mrs. Ogden Armour to the school of architecture.

The gift was made in order to further the work of the school, and enable greater advancement in the applications of culture to the field of architecture. The banquet which was held at the Palmer House had over four hundred guests attending the reception.

A large number of prominent speakers entertained the guests after the dinner. President Heald in the course of his address said: "The new staff members together with members of the former staff of the Department of Architecture, greatly strengthen the educational program in this field, and there is every reason to believe that this department will develop into an outstanding school of architecture, and make a very significant contribution to architectural education in America."

**Dean from M.I.T. Attends**  
Dean William Emerson of the school of architecture of Massachusetts Institute of Technology said: "The resources peculiar to Armour resemble in many ways those that surround us at M. I. T. A basis of sound essentials permits the development of those important associations with related fields of engineering and scientific research, an understanding of which is so essential to competent professional performance in this day and generation."

Speaking of the part that Chicago architects had in the development of the present trend in architecture, Dean Rexford Newcomb of the College of Fine and Applied Arts of the University of Illinois said: "It is my belief that when a wider perspective permits the complete tracing of the development of modernism in architecture, the early chapters written by Chicago architects will appear to be important and basic. Study as one may the philosophy behind the best modern work of today, at home or abroad, he will conclude that it coincides very closely with what was enunciated (perhaps in slightly different phrases) in Chicago forty years ago."

**Large Number of Architects**  
A large number of practicing architects and famous educators, including Frank Lloyd Wright, attended the banquet to pay their respects to L. Mies van der Rohe.

The announcement concerning the bequest came as a complete surprise to everyone attending the reception. Mrs. Armour, herself, was unable to attend the banquet.

The school of architecture was originally organized by the Art Institute in 1889. Dr. Frank Gunsaulus, President of the then newly organized (Continued on page two)

## Relative Department Strength Determined

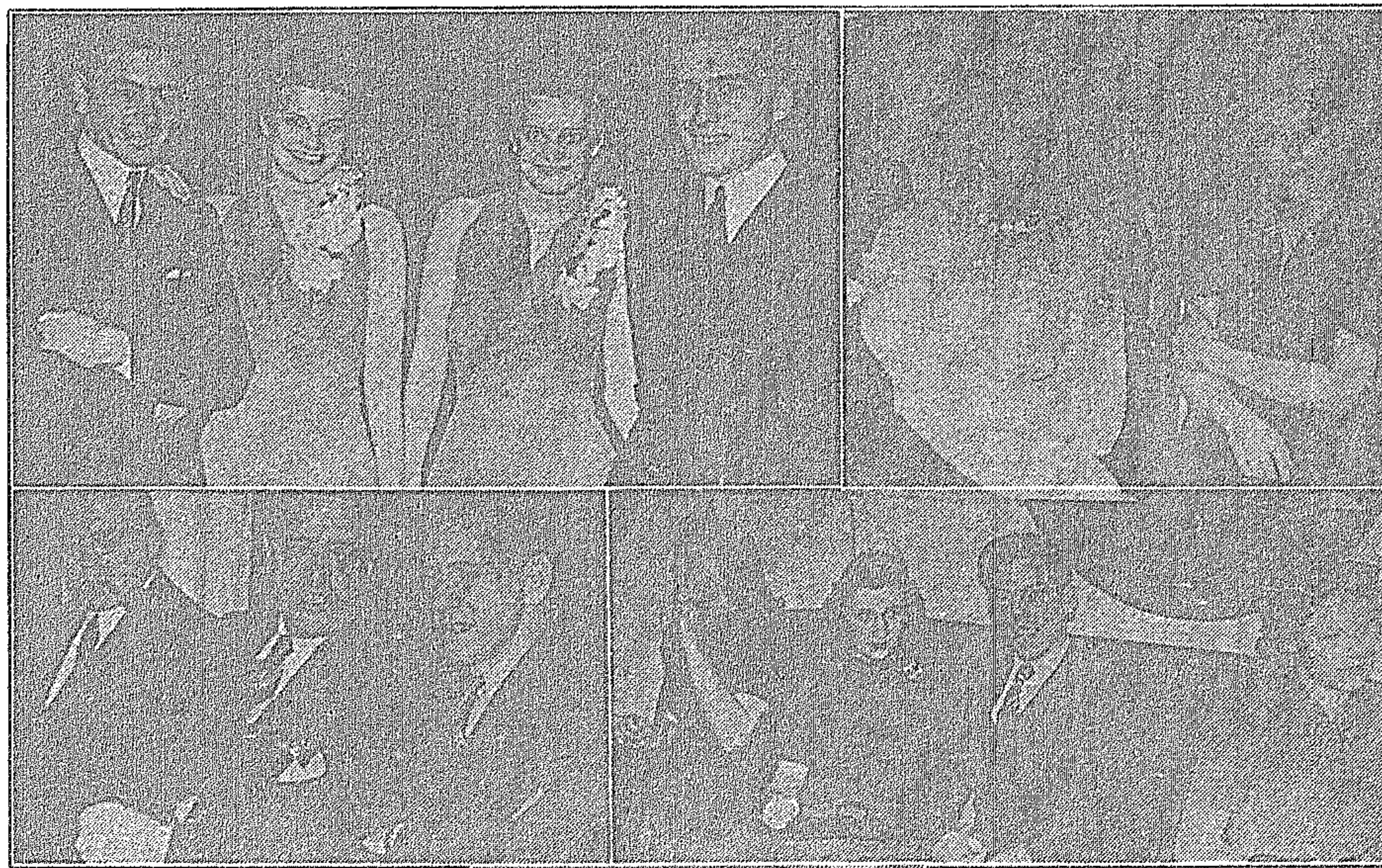
Members of the Junior Apportionment Committee, J. A. Clark, P. R. Ewing, D. J. Mackey, E. M. Mandel, and R. A. Rehwald, announced the results of their investigation of the class membership records last Thursday. The committee ruled that the 223 members of the junior class are to be represented and governed by 13 commissioners.

Three commissioners have been allowed both to the chemical department, with a membership of 64, and to the mechanical department whose members number 61. The 45 electricals, 20 civils, and 14 fire protectors are to be represented by two commissioners each. The architects, with a class membership of 16, will place one representative on the governing board, while the science group with a membership of three will not be represented.

The apportionment of commissioners will divide the duties of class government among the various departments, and eliminate any favoritism which may have existed in past years.

Each department will elect its representatives before the end of this week.

## THEY ATTENDED THE ZARABANDA



## Armour Players Selecting Cast for "Journey's End"

The Armour Players have been rehearsing in regular fashion lately, and work on the casting is proceeding steadily. Director Christophersen has outlined a full schedule of rehearsals of all sorts, and work is soon to start in earnest.

Selection of the cast for *Journey's End*, the selected play, has been practically completed. Some positions are still open, however, and those who still wish to may try out. Rehearsals are held each Monday and Thursday evening in one of the English classrooms.

## 'Engineer' Goes To Press Soon

Announcing that the *Armour Engineer and Alumnus* will be published this week-end, Prof. Hendricks promises an especially interesting issue to include numerous engineering features and a comprehensive article on the Student Union.

An alumnus of Armour, Philip Harrington, '06, E.E., who is now Traction Engineer of the City of Chicago, has written for the *Engineer*, "The Chicago Subway System," an article giving details of the new transit system upon which work was started recently.

Full details of the Union building will be included in the Student Union feature. The article will acquaint students and alumni with a history of the plan from its conception to fulfillment.

Other articles are: "The Oxy-Acetylene Process of Cutting and Welding," by E. R. Meclary of Linde Air Products; "Air Conditioning in Relation to Industrial Hygiene," by W. H. Carrier, president of Carrier Air Conditioning Company; "The Evolution of Factory Lighting," by Ralph G. Raymond, Managing Director of Chicago Lighting Institute; and "Chasing the Fire Demon," Richard E. Vernor, Manager of the Fire Prevention Department of the Western Actuarial Bureau.

## 'Zarabanda' Attracts Gay Crowd to Portals

About 3 p.m. last Friday afternoon, massier Mandel of the Junior Arx lost the worried frown that had creased his brow all last week. Why? The Arx dance, Zarabanda, was a financial success. All the money that went through the coffers from then on, and a great deal of it did, was profit.

The gay time had by those who attended the dance attested to the fact that the affair was a social as well as financial success. Dancing continued from 9:00 p.m. to 12:30 a.m. The music was furnished by the Colonial Club orchestra, and some excellent singing by a girl in a pink gown.

Guests of honor at the dance were Professors van der Rohe, Hilberseimer, Rodgers, and Mell. Their presence lent a dignity to the dance which was certainly appreciated by the engineers as well as the architects.

## Dr. Olson's Third Talk Is 'Logic and Mathematics'

The next lecture sponsored by the graduate school will be the third in Dr. Olson's series, "Logic and Mathematics," on Thursday, October 27, at 11:30 a.m., in Room 217, Chapin Hall.

In this lecture, Dr. Olson will trace the history of the changes made in the Aristotelian system by later logicians, until the rise of mathematical logic. It covers, roughly, the period between the Stoic logic and that of Boole.

## Interior, Effects, Lighting, Equipment Feature New Union

Great strides have recently been made towards the completion of the new Union building. About all that remains to be done, now, is the interior decorating and installation of fixtures. Work is progressing rapidly on these projects and they should be finished easily by the middle of November, as promised.

A trip through the new Union is well worth the time spent. At first glance the old place is hardly recognizable, but after a little reflection the old rooms can be fitted into the present structure with ease.

Entering from the north door, the first sight is the new lobby. The old winding staircase has been considerably changed by the adroit use of plaster. The result is a quite modern stairway leading up to the second floor foyer. Passing through the foyer leads into the new auditorium. There the stage has been completely re-vamped, the old classrooms removed and a new floor has been laid. A hardwood floor is still to be put in place, ready for dancing. The old classrooms are to have new modern lights set close to the ceiling, and tables will be available for study if desired. Perhaps the biggest new feature of the assembly hall is the new overhead lighting system. A large plaster unit has been built into the ceiling where the old ventilating screens were placed. The new unit has ten lighting spaces for direct lighting and a moulding around the base for indirect illumination. The indirect lights will be of variable intensity to provide all desired grades of brightness. The entire ceiling is being repainted and put in good condition.

Crossing to the old classrooms on the second floor, one finds that they have had a thorough going over and reconditioning in preparation for re-decorating. The woodwork is being refinished, and many new solid (non-panel) doors are being put in place.



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## Fraternity Notes

By EDWARD CHEVALEY  
All fraternity notes must be received by the fraternity editor before 5 P.M. Thursday in order to appear in the next issue.

### PHI PI PHI

Gamma Chapter of Phi Pi Phi takes pleasure in announcing the pledging of Verne Parker, Co-Op '41; Robert Schmidt, Co-Op '41; and Gerald Platz, Co-Op '41.

We are proud to congratulate Brother Anthon on being elected president of the commission.

The chapter was host to an unexpected visitor a week ago Friday. The visitor was our national chapter president, Hugh M. Hart. Brother Hart was very pleased with the commendable appearance of the house. A fraternity convention here in Chicago accounted for his appearance.

### DELTA TAU DELTA

October 29th, is to be the Halloween Dance with black cats, and pumpkins, and goblins, of cider (we hope), but the royal decree has it that the boys must bring their own witches. We were fortunate in winning our touchball game with Theta Xi last Friday; the score was 26-0 in our favor. It was a swell game just the same.

We will soon be sending the Touchball cup away to have "1939 Champs" engraved on it. Theta Xi was first to feel the might of the purple avalanche and the scouts predict a victory over Phi Kappa Sigma. Notre Dame's loss was Delta's gain when Puhl came to Armour.

### RHO DELTA RHO

We take very great pleasure in announcing the initiation of Arthur Welsch '42 Harry Levinson '41

Congratulations, Harry and Art! All eyes are pointed toward our pledge dance Nov. 5 at Thorne Hall. Brother Mirotsnic has designed a unique program for the dance utilizing the trials and tribulations of a Rho Delt pledge as a theme. Buddy Mayer's ten-piece orchestra are all set to call the tunes for the affair.

After crushing the Sigma Alpha Mu boys 39-0, our touchballers are anxiously awaiting their next contest. Brother Rothenberg and the rest of the team are already visioning the touchball cup resting comfortably on our mantelpiece.

## FATHER AND SON BANQUET

- I am in favor of the December date.
- I am in favor of the spring date.
- I am not in favor of either, but would like to have it on

Signed.....

### It Shouldn't Happen!

In strolling through the building, it is not uncommon to find chalk strewn about the floors and eraser and pencil marks on the wall. Such things should not happen.

Only recently has Chapin Hall been decorated, and now, we find posters gummed on some of the walls and chalk comments made directly beneath. It is only a small percentage of the students that participate in this type of work, but if the remaining group would use their influence, these tricks would soon cease.

Another point to consider is the fact that pencil marks appear on walls of all buildings, especially on those in the basement. One may find a calculus problem worked out, or some diagram locating an industrial center to be visited on the next inspection trip, or other disgusting notations.

Janitors, pressed for time, must waste many hours each week washing off the carelessly applied pencil marks. Floors have to be washed each night and swept two or three times during the day, just so some thoughtless students intend to have some "fun."

### Still Rough

After observing several of the touchball games played on Ogden Field, it becomes obvious that the new rules have done little to stop the rough playing that prevailed in the past. The main reason for the failure of the clean-up is the lack of either observation or initiative in observing and calling "fouls." Also, the constant arguments have proved that student officials have insufficient knowledge of the revised rules. A solution to this problem might be to obtain the assistance of the gym instructors, who at present, are inactive due to the present situation of the lunchroom. Their decisions would be accepted as final by the teams.

### REMODELING—

(Continued from page one)  
after the decorating is completed.

Strolling over to where the old cloak room was situated, an investigator finds the new woman's rest room. This room has had a terazzo floor put in place and is soon to have new plumbing fixtures installed. In addition, new furniture is being purchased for the lounge.

Taking a trip up the foyer stairs, which have been redone, and walking into the commons room, there is a great change noted.

## Jackson Talks Before A.I.E.E.

"Porcelain Insulators" was the subject of a talk given by A. M. Jackson, district manager, of the Locke Insulator Company at the first important meeting of the A.I.E.E. last Friday.

"Surfaces of insulators are the most important factor to be considered in the manufacture of insulators," said Mr. Jackson. "Any scratches cause microscopic valleys which will decrease the thickness of the porcelain glaze and oftentimes cause the insulator to crack," continued Mr. Jackson, "and non-ductile materials are no stronger than their surface."

In order to prevent scratching, the insulators are often covered with a thin coat of varnish. However, with a good covering of glaze the insulator will withstand ordinary treatment.

According to a description given by Mr. Jackson, the insulator is placed in an oven with the temperature of 2400 degrees. The glaze flows very slowly over the microscopic crevices, filling in any of the valleys that may tend to weaken the finished product.

On cooling, the glaze contracts faster than the porcelain of the insulator, which often causes "cracking." By adding a small portion of metal oxide, the coefficient of expansion is adjusted so that both contract equally upon cooling. It is possible to vary the strength of the insulator from 20,950 to 3,075 pounds per square inch by the addition of the oxides, which causes the glaze to contract at the same rate as the porcelain insulator.

A testing device consisting of a steel mallet was allowed to swing through an arc of 90 degrees; the scale read inch-pounds. A white insulator, colored as such, to avoid shipment from the factory by accident, was placed in the machine. The impact was varied from five to thirty-five inch pounds before it chipped. A brown insulator was next placed in the device and the impact applied up to the maximum of 100 inch-pounds. The insulator failed to chip.

### The Slipstick

Cleave to the slipstick; let the slapstick fly where it may.

Greetings dear contemporary students. It is a pleasure to look down at your smiling and beaming countenances and know that you are all ready for your weekly lesson in humor. Remember, now, after each joke (?) you all laugh very loudly. Snickering will not be permitted.

Twinkle, Twinkle little star,  
My pop's a Cop  
Can you swim?  
What t'ell did you expect, blood?

Pardon the interruption in class, but we've been asked to announce the finding of a five dollar bill. Will the owner please form a line outside of the Main building. You're welcome.

Hotel Clerk: Why don't you wipe the mud off your shoes when you come in here?  
Stoopbrain Bliss: What shoes?

Yes, dear fellow contemps, we apologize for mentioning that last tale. The policy of this column will be, as it has always been, "Keep the Slipstick clean and attend all Girl Scout meetings regularly." So climbing back up onto the curbstone we pass this next one on to you.

Fond mother of Armour Freshman: Yes, Johnny is studying French and algebra. Say "Good morning" to the lady in algebra, Johnny.

Alice: What's your father's occupation, Bill?  
Bill: My father's a cop, but I'm no flop.

Alice: Well, my father's a baker but I'm no Quaker.

Fred: Huh. My father's a chauffeur, but I'm no loafer.

Helen: Er...ah... my father's a surgeon. . . .

Are you all sleeping? No. Oh, you want papa to tell you a bedtime story. All right. Once upon the time there was a great big spinster, a middle-sized spinster and a little bitta spinster. They came home one night and the great big spinster looked in her room and said, "Somebody's been sleeping in my bed!"

"And somebody's been sleeping in my bed!" The little itta bitta spinster looked in her bed and yelled, "Whoopee!"

That's all kiddies. . . .

HI YO SILVER.

### UNION MANAGEMENT—

(Continued from page one)

five will be student employees. The students are all to be paid in tuition credit, similar to the other jobs held by students at the present time. This number of men will give the Union an adequate staff for maintenance and other purposes.

The Union board is to be responsible to the A. T. S. A. board of control. The board of control is made up of twelve members, six from the faculty and six from the student body. The six faculty men are the president, dean, treasurer, physical director, and two other faculty members who are to be selected. Student members are the A. T. S. A. president, first vice-president, second vice-president, secretary, sophomore representative, and the freshman representative. All of these men, making up the board of control, are responsible to the student body.

Although this plan may sound a bit complicated, it should work with a minimum of friction. The proposition of having a full-time paid director is one which is sure to meet with student approval. The employment of student assistants is also a good feature as it will help to keep the student body. This plan is to be worked over and finally presented to the A. T. S. A. and the student body for approval.

## Oil Refining Movie Interests Mechs

Last Thursday night in the Automotive Laboratory the mechanical engineering research and graduate students were guests at a sound movie given by the Calumet Refining Co. This movie illustrated the steps in the refinement of lubricating oil and was explained by Mr. J. A. Smith of the Calumet Company.

The oil used for their refining is specially selected crude oil from Oklahoma. To insure purity it is shipped to Chicago in tank cars rather than being piped. The Calumet Company has a patented refining process which consists of distilling the various fractions of lubricating oil under a vacuum to prevent cracking of the oil at the vapor point.

Also shown in the film were some of the research experiments conducted by the company. Some of the topics of these experiments are gravity, viscosity, color, flash and fire, carbon residue, high speed, and centrifuge.

### FATHER'S AND SONS—

(Continued from page one)

ments. This will also serve to arouse more interest in the affair and help to make it more successful. The men who are to act as salesmen are to be chosen during the next week, and work on the project is to start immediately.

There have been several reasons put forward for changing the date of the banquet. Perhaps the biggest of these is the fact that the new Union will be completed and ready for the occasion. Another reason is that the first week in December is shortly after the Thanksgiving holiday, and not too close to Christmas. For that reason it is felt that this date will fill in a gap in Armour's activities. The old date, the middle of March, fell in with the Armour Relays, Easter, and other activities.

For these reasons a change in date is definitely desirable, and the Institute officers have selected the first week in December as the logical solution. Student opinion is wanted, however, and all are asked to express their wishes in the blank.

## Arx News

The Arx Dance!!! the most social event of the year went off with a bang . . . everybody was happy, gay, merry, etc. . . . to see them swinging it, trucking (no, Howe), etc., really warmed Boz-Art's heart . . . Bill Hutton was there with a Hoosier gal, nice. . . . Horton with blonde. . . . Lindahl with Anne. . . . Chairman Mandel with his one and only. . . . Richardson's date, Virginia Schulton, was acclaimed for her excellent singing. . . . Danforth, Mary Louise, Virginia, and Amby put on a little show, trucking. . . . Speaking of trucking, etc., did you see Swingmaster Howe and the gal friend, mm, mm, and oh, boy, are they the rug-cutters. . . . Profs. van der Rohe, Hilberscheimer, Rodgers, and Mell were very welcome. . . . I've come to the very conclusive conclusion that ye Armour Arx really have—good taste in their choice of gals—good-looking. The engineers didn't do so bad, either.

This has been a mighty busy week for the Arx, what with the dance and the banquet honoring Mr. van der Rohe, at which all of the Arx turned out.

It seems as though Blum and Pehta have got something, with their blue tongues. . . . "Mike" Young was elected frosch massier, Mour was elected sous massier. . . . Sophs had the best turn-out at the dance, almost 100 per cent.

Enough for now.

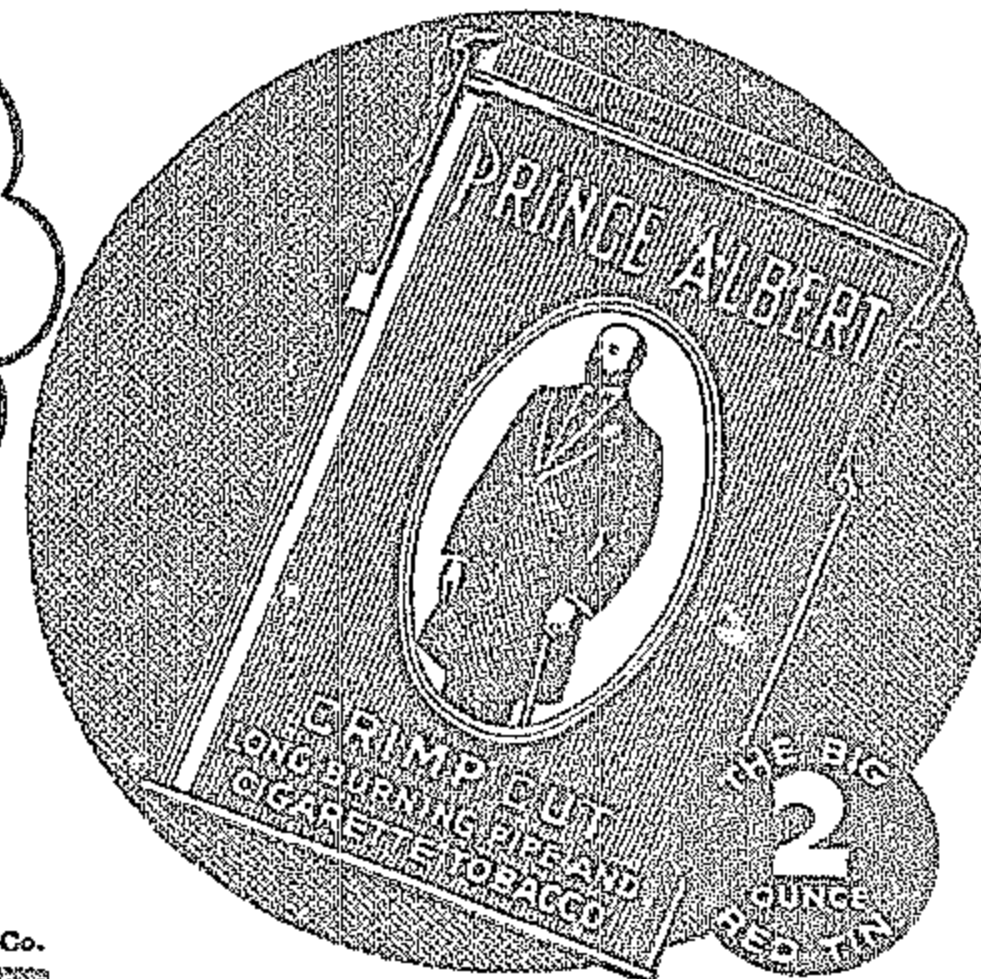
BOZ-ART.



PRINCE ALBERT! THERE'S NOTHING LIKE IT FOR FRAGRANCE, MELLOWNESS, RICH TASTE, AND ALL-AROUND PIPE-JOY



SMOKE 20 FRAGRANT PIPEFULS of Prince Albert. If you don't find it the mellowest, tastiest pipe tobacco you ever smoked, return the pocket tin with the rest of the tobacco in it to us at any time within a month from this date, and we will refund full purchase price, plus postage. (Signed) R. J. Reynolds Tobacco Company, Winston-Salem, North Carolina



PRINCE ALBERT THE NATIONAL JOY SMOKE

50 pipefuls of fragrant tobacco in every 2-oz. tin of Prince Albert



# Senior Chems Unleash Attack; Smash Scoring Mark; Win 32-0

## Carpenter's Passes Win For Junior Chems

Last Friday, two steamrollers plowed down Ogdan Field and in their wake they left a shattered junior mechanical team and an eliminated senior fire protect squad. The steamrollers were the upper classmen of the chemical department, the seniors who won 32-0, and the junior chems who ran up a 19-0 score.

The score run up by the senior chems establishes a record for this season and surpasses the 30-0 record of last year. The former record was held by the firemen of '38 who killed off the present junior chemicals by that score last year. Five touchdowns and a safety were the margin of victory last Friday.

The senior chems displayed their versatility by the manner in which they scored all their points. After Isakson caught Wolniak behind the goal for a safety, the chems opened their passing attack in earnest. First Kruse passed to Rothenberg for a score, then Lyckberg went out to take a flip from Adeszko. After a slight delay while the mechs started a rally, Adeszko again passed, this time to captain Rothenberg. An interception by Wolniak failed to slow up the seniors for as soon as they got the ball again, Adeszko cut behind the secondary and took a toss from Rothenberg for the fourth tally by the chems. Six plays later, he took a pass from Kruse for the final score.

An analysis of the game clearly showed that the mechs sadly missed the presence of Jack Clark who is abed with pneumonia. Many of the spectators expressed the opinion that things would have been a lot different had the mechs had their ace.

In the junior chem-senior firemen game, the chems started off as if they were going to better the score of the previous game when on fourth down in their first series, a pass from Carpenter to Natinchek counted for a score. Following the kickoff, another pass, this time from Carp to Norkus made it 12-0. This score prevailed the rest of the half although the chemicals had several chances to score.

In the second half, the chems marched to the ten yard line from where Sher passed to Carpenter for the third and final touchdown. After this the chems bogged down and they were unable to boost the score.

## FLOOGIES BEAT JUNIOR CIVILS

That age doesn't mean a thing was proven Thursday as the Flatfoot Floogies, a Freshman aggregation, trounced the junior civils.

Midway in the first half the frosh intercepted a junior pass and in three downs were in the shadow of the West goal.

A pass from Tatge to Scott was then engineered which drew the first blood. The extra point was made, Bell to Simonini, and the score became 7-0 with the juniors on the short end.

The frosh onslaught was largely due to the fine rushing and blocking of their linemen; Eadie, Simonini, and Ther performed this role nicely.

The civils, whose forte lay in their passing, demonstrated some of their act as they opened the second half.

Weber promptly pulled down a frosh pass and galloped to midfield with the pikskin. With Weber, Mackey, and Jaedke clicking, the civils brought the ball to within ten yards of the goal in three plays, and scored on a pass over center. They then tied up the game 7-7 when Mackey tossed to Weber for the extra point.

With only three minutes to play, the frosh drive bore fruit—for Tatge was able to fake a pass and run over the line to score, giving the freshman "swingsters" a 13-7 victory.

## SOPH ELECTS WIN 19-0

Thursday afternoon saw the soph juicers eradicate the junior fire protectors from the season's touchball competition.

Matthews and his crew of 41's took off to a rushing start by piling up 19 points within the first four minutes of play.

John Eggers of the fire protects and his boys took it on the chin to begin with, as Bosnak, electrical, blocked a

pass by Eggers, caught it, and scored 6-0.

The firemen then kicked off and the soph machine went into action with Franzene whisking off for forty yards as he took a lateral just past midfield for the 12-0 score.

Captain Matthews, as soon as his men regained possession of the ball, ran it over the line for the third tally, and Carrier swallowed a pass for the only extra point, 19-0.

Then the fire protects stiffened—the soph were unable to make any further score for the game's duration.

The DeMent to Eggers combination was responsible for most of the fire protects' offense but they could not deliver.

## SOPHS WIN IN REPLAY

Aided by a stiff wind the sophomore fire protects nosed out the "Short Pants," a freshman entry, 7-0, last Thursday.

The first part of the first half was uneventful except for a long run by Dick Larsen of the firemen. Before the first half was over, however, two passes from Long to DeMoney in quick succession accounted for the first and only tally of the game. The try for the extra point was a success due to an end run by Larsen.

Holding tenaciously to their lead, the sophs went into action in the second half and nearly scored again, but

(Continued on page four)

## SCHEDULE

<b>Today</b>
Soph Mechs vs. Phi Pi Flashes, 12:30.
<b>Tomorrow</b>
Soph Civils vs. Senior Chems, 12:30.
<b>Thursday</b>
Soph F.P.E. vs. Junior Mechs, 12:30.
Soph Chems vs. Short Pants, 2:10.
<b>Friday</b>
Junior Chems vs. Flat Foot Floogies, 10:30.
Senior Mechs vs. Jr. Civils, 12:30.

# Fraternities Play First Grid Round

Friday evening the demons of the Delt House, led by the triple threat trio, Puhl, Sherer, and Tullgren, swamped Theta Xi 26-0 to perform their first title defense of the year.

Theta Xi kicked to Delt, Sherer ran the ball back 30 yards, and in three plays the score stood 7-0. A few minutes later Sherer intercepted a pass for another tally. Puhl, Suthers and Sherer combined reverses, passes and laterals to complete the slaughter.

In the closing minutes of play, Theta Xi vainly attempted to click on long passes. Theta tried hard, but the hard hitting, blocking, backs and rangy ends thundered over the inexperienced Theta Xi team.

## Rho Delt's Win 39-0

Rho Delta Rho repeated last year's rout of the Sigma Alpha Mu's last Thursday afternoon when they ran up a 39-0 score over their hapless rivals.

Harv Rothenberg led the Rho Delt's to their victory. Max Ephraim starred as the receiver of Rothenberg's tosses.

After it looked like the score might be too bad, the Rho Delt's put in a second, and then a third team—but to no avail for the Sammies.

## Phi Kaps, Pi Kaps Win

Phi Kappa Sigma held the Phi Pi's 7-0 Thursday afternoon after scoring on a field-length pass from Proctor to Boland, who juggled the ball all the way to the goal. The extra point was made by a pass from Rider to Shanley.

A series of four touchdowns by Pi Kappa Phi set back the Triangle six before the latters scored on the final play to finish it 25-6. Harry and Frank Heidenreich each accounted for one score, while Schmal's lateral and run, and Johnson's receiving gave the Pi Kaps their quota of points.

In the two touchball games on the schedule for this week, the Delt's will be pitted against the Pi Kaps, and the Phi Kappa Sigmas with the Rho Delt's.

# Cagers Eye Rivals In New Schedule

## Chicago Detroit Games; Play In Coliseum Featured

Although the schedule is not complete, Armour cagemen are destined to face several old rivals according to the program released by Coach Grant Stenger last week. Nine of last year's opponents will be faced again while three newcomers are listed for competition.

In the present setup there are three outstanding games. The annual meeting with the University of Chicago will be held December 16, and the Techawks will be out to avenge last year's 45 to 32 drubbing. The game with the University of Detroit, which this year will be in Detroit, will be part of the trip during which the team might play De Sales of Toledo. Last year, the Titans of the Motor City came to the armory and, led by Bob Calihan, who will be back this year, whipped the Techawks after a bitter fight, 39 to 33.

The other game that will attract attention is that scheduled for the Coliseum with Chicago Teachers College on January 20. This is part of the program to bring big time basketball to Chicago. Many outstanding teams have been scheduled for the Coliseum, among them the great outfit from the University of Oregon, and it is a feather in the Armour cap that this game has been landed.

Among the old timers returning for games this year will be Arkansas State, who bowed a year ago 38 to 32 when Bill Sherer went on a point rampage. Lake Forest also returns along with DeKalb, Elmhurst, North Central, George Williams and Detroit Tech.

At the present time, Coach Stenger is making plans for the opening of practice which will start in about a week in the armory. Whereas in previous years, practice in the big house was held up until the second week in November, this year arrangements have been made to handle the players ahead of time.



By TOM CLARK

Two weeks of play, and the touchball tournament slowly crawls towards its end. The game is deluged with forfeits, protests, and postponements, with an occasional game played through to a finish. To date the only team eliminated from the tournament is the senior civils, but this isn't remarkable, for, with a few exceptions, they are the only team that has played two games.

The Flat-foot Floogies are anything but that. Averaging about 140 pounds in their stocking feet, they're the fastest team that has invaded Ogdan Field yet. Thursday they looked plen-ti smooth as they whipped the junior civils, 13-6. "Hit me with a hot note. Hep! Hep!"

The freshmen teams always were handicapped in their touchball games. It's a darned nuisance to have to stop in the middle of every play and pick up your green bonnet. One practical youngster had an elastic band running under his chin.

There is nothing in the rules saying what constitutes a "tag," and so that it may go on record for all time we'd like to explain this move. In order to tag or touch a man in a touchball game all that is needed is to touch him lightly but firmly with one hand. It isn't necessary for three men of the opposing team to simultaneously slap the runner to the ground with both hands, and then polish off the job by jumping on him.

John Schommer tells the story of Clint Frank of Yale who went through four years of collegiate football without a serious injury, and then wound up on the sick-list for a week after a Sunday afternoon of playing touchball in a sandlot. The moral of this story is that without proper conditioning and any equipment, most anything can happen. So

# Swimmers Reveal Big Plans; Hopes High for Season

As if drawing a bead on the 1940 Olympics, the swimming team has already started to line up meets for the ensuing season.

Manager Roy Burman even has hopes of dumping his team into autos and hurrying out to Dubuque, Iowa to swim against the strong team of Dubuque College.

Then there will be another jaunt to Peoria for Bradley Tech, a quick snooze, and a hurried flight to Galesburg for a meet with Knox.

If the South is a little warm, Burman plans to ship the squad up to Beloit for one evening; and on the following afternoon a refreshing splash party will be had with the Lawrence boys of Appleton, Wis.

As an annual affair in the swimming circle, there is nothing better liked than the trip down to Greencastles, Ind., where the old rival, DePauw, lies in waiting.

This season George Williams will be met, instead of Wright Jr. The other city rival, Loyola, with whom several exciting meets were held last year, will also be an opponent of the Tech splashers.

North Central of Naperville will again pit its Red Birds against the Techawks. Last year the Techmen took North Central into camp both times.

This year, with Armour losing no men by graduation and with a couple of promising freshmen, the swimming team is very optimistic about the future.

With the exception of LeRoy Downing, all of last year's lettermen are back, including captain Bob Winblad, ex-captain Ray Dodge, Vic Svagdis, along with Anderson, Pettes, Slavin, and Hutchings.

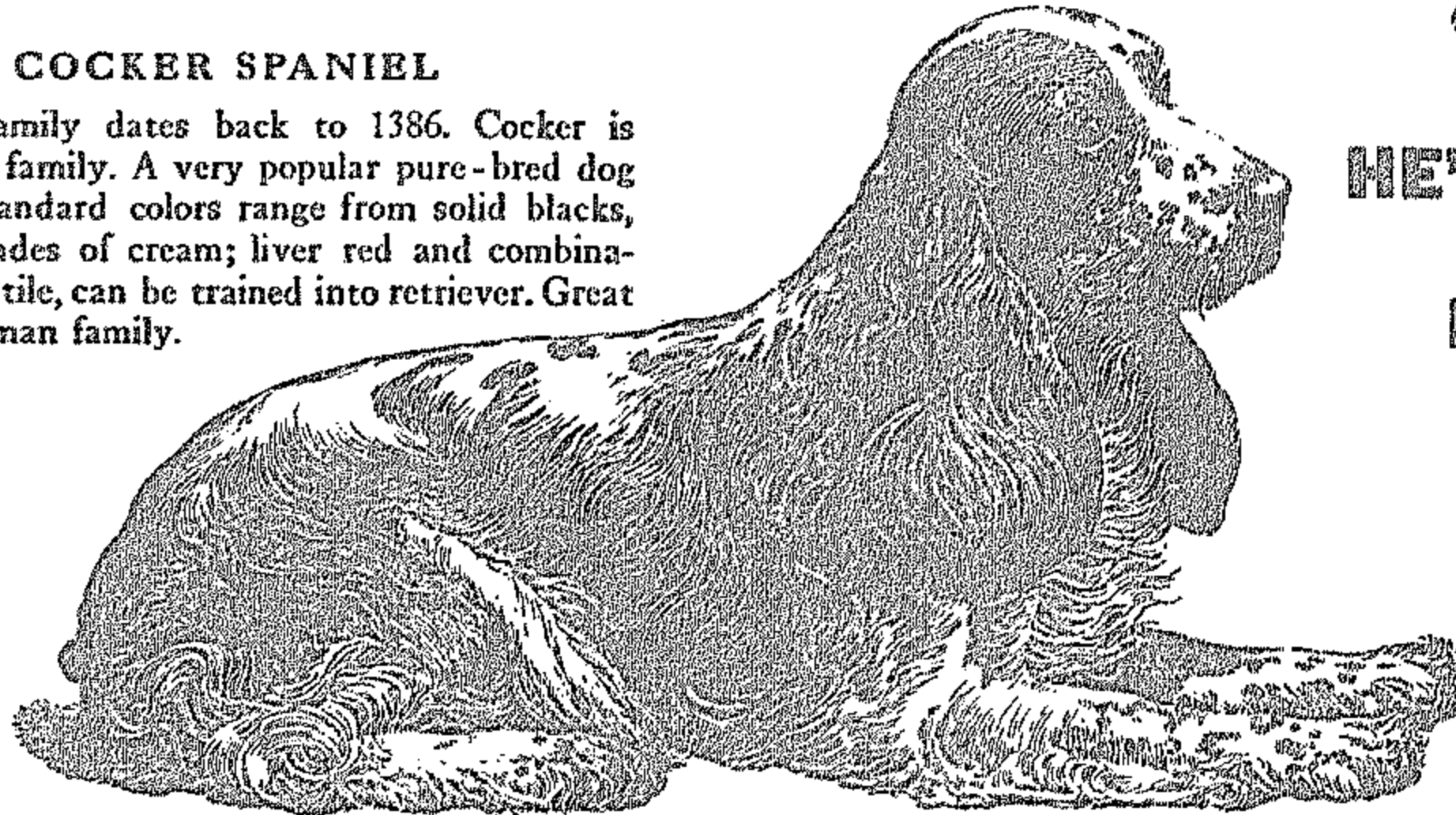
Let's have a little moderation in the games. A broken arm isn't worth the momentary exhilaration one feels after executing a beautiful flying block.

(Continued on page four)

# THERE'S NO POINT IN LETTING NERVES GET FRAYED!

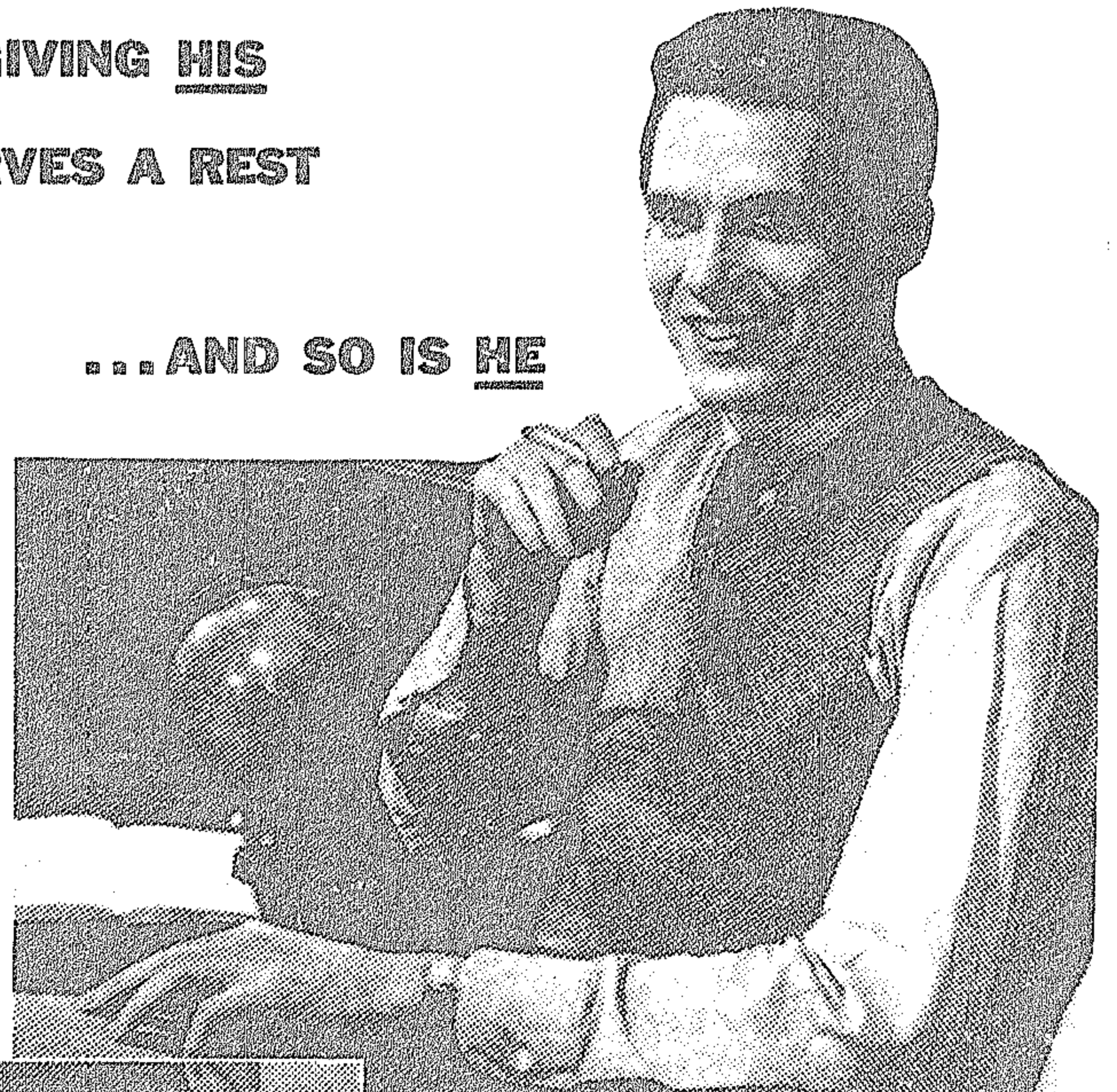
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## HE'S GIVING HIS NERVES A REST

...AND SO IS HE



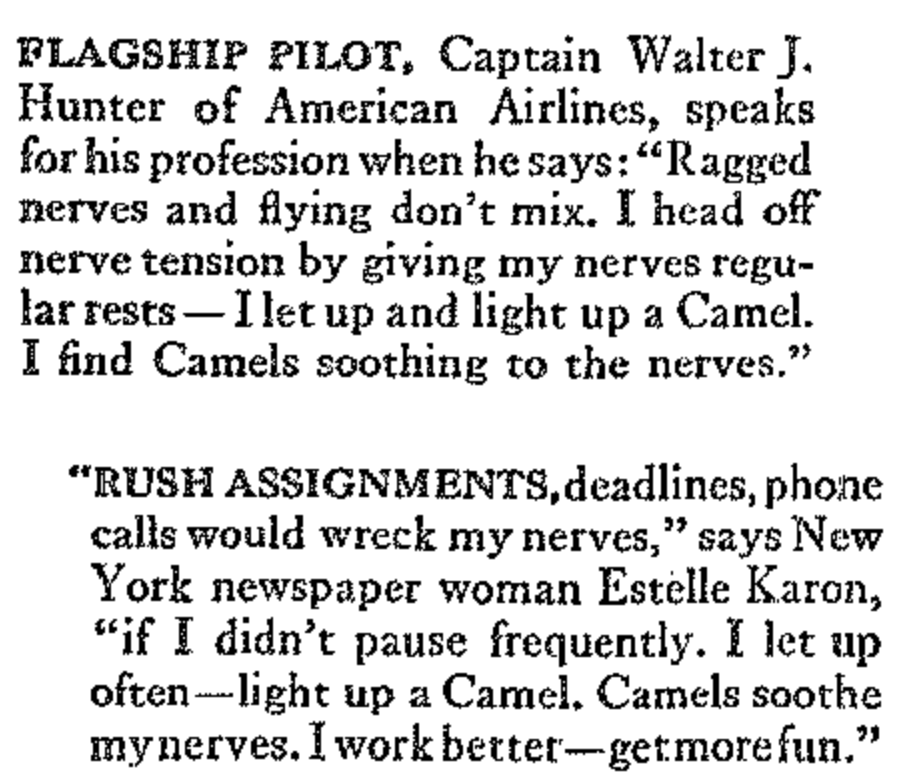
HAVE you noticed how a dog, in the midst of play, suddenly stops and rests? His nerve system—as complicated and high-strung as our own—has signalled that it's time to relax! Man, unfortunately, is less sensitive to the warnings of his nerves. Though nerves may need a restful pause, we are inclined to press on in our absorbing tasks—relentlessly—forgetful of mounting nerve strain. When we find ourselves tense, irritable, upset, we may not

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GENE WORCESTER

**THE JEWISH RACE** comprises less than one per cent of the world's population, yet this numerically insignificant people is the subject of considerable front page newspaper reporting and the topic of discussion in many circles today. There is perhaps no more widely disseminated or historically significant people than the Jews. They have entered into the social and economic development of present nations and past, and the role they have played has been of consequence.

**JEWISH HISTORY** has been a tragic history. 3500 years before Christ, an Egyptian Pharaoh stated, so the inscription reads, that the Semitic race was dead. For fifty-five centuries the Jews have borne this epithet. They have been the scapegoat of most every ruling class. They have experienced persecution and national intolerance. Two hundred and fifty thousand of them were butchered within a few weeks' time in the infamous Ukraine massacre. Rumania and Russia never liberated them. They lost their haciendas and prestige in Spain when the Inquisition expelled them in 1492. Previously they bore the yoke of Roman rule and taxation. And now today they must leave Germany and Austria or starve, so strong is the feeling there. Authorized national action designed to persecute the Jew is taking place in Italy, Poland and Hungary, and shall probably soon be felt in Czechoslovakia.

**AND NOW THE** question might be asked, why have the Jews been persecuted? First, let it be said that not only have the Jews felt oppression, but so has every other minority in the annals of history. And it is always the minority that must bear the oppressive whims of the majorities who divert truth with propaganda concerning them and injustice to them. Significantly, the Jews have been a lasting minority. Perhaps it is the long centuries of scapegoating that have made them a people of inferiority complexes.

**IT WAS NOT** until 1918, at the close of the war, that the Jewish race felt national resistance, the first in comparatively recent years. The chaos and disorganization of the post war era brought national bankruptcies. Times were hard in 1921-23. Conditions improved in the next six years, while the world was busy extending its credit, expanding its home industries and building up its machinery of war. Food supplies were inadequate even then, but not as to discomfort too many people. Unemployment was unknown. Then came the breaking of the bubble in 1929. For nine years the world has experienced a hectic social and political revolution, greatly responsible to its economic upheaval. And contemporaneously the Jews have felt a greater oppression than ever before. It is well to remember that the luxury of security and abundance is tolerance. But when credit shrinks, jobs are scarce, factories close and the security of prosperity is gone, tolerance goes too. And the hungry masses demand an explanation why they must hunger. The parasitic controllers of the state's wealth, and hence its policy, then turn mass action on the minorities of the state, blaming them for the economic plight which is due not to the existence of the minority, but rather to a basic inconsistency in the economic and social order men are living under, and on which the select few so ably thrive.

**A JAPANESE** consulate visiting Germany to study national organization complimented the Nazis on their strong party system, and their cleverness in diverting mass "exuberance" in an expression against the Jews. They bemoan the fact that there were no Jews in Japan. It is not that the Pole or the German hates a Jew for being a Jew. Basically men do not hate each other because they are men. But when the destitute Pole, or proud but impoverished German, realizes that if he operated the same shop that the Jew across the street does, or if the Jew weren't there to offer him competition, he might make a more comfortable living, it is a natural reaction to join with mass action and bring pressure on the Jew. Ethically he realizes, in retrospect, that it is wrong to persecute his kind, but the profit motive displayed in the struggle for existence is a strong one. Men must some day learn not to pit themselves against each other, but with one another.

**Testing Program Now In Third Armour Year**

Educational testing is gradually becoming an important and essential part of Armour Institute's program. The results of these tests enable the administration to help students fit into the type of work in which they will be satisfied and most efficient. Mrs. Anna C. Orcutt has charge of the testing department.

Mrs. Orcutt instituted the system at Armour in February, 1936. By intelligently interpreting the tests, it is possible to locate the skills and abilities of the students.

This year, tests were given in reading comprehension, visualization, psychology, and mathematics aptitude. These are tests of ability and not of capability. They are not limiting tests, but rather give an indication of the student's capability.

Orientation tests have no effect on grades. Instructors know nothing as to the results of these tests in regard to any certain individuals. Thus, the freshman class of '41 has had the highest average of any class since Mrs. Orcutt has been at Armour.

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**THE ONLY HOPE** for the Jew and all minorities is in a democracy. Not only a democracy of the political state, but so too of the economic state. Security must be restored, not through periodic unhealthy inflations typical of our cyclic economic life, but through a great international cooperative. Just how this is to be effected I do not now venture to say. But when millions of people, because they have a common blood in their veins are persecuted, and with national sanction, being expelled from their present homes into countries already overrun with unemployed and idle, it is time a capably thinking world takes action to end the oppression of its minorities, including the Jew.

**Halloween Party Planned By Senior Electricals; Hold Affair in Bellwood Center**

Clowns and ghosts will dance at the party given next Saturday by the senior students of the electrical department. Although the attendance will be restricted, a large crowd will be in attendance, according to L. Strocchia and E. Marik, members of the committee. The party, the first planned this semester, will be held in the Bellwood community center in the suburb of Bellwood.

Last summer the senior group held a picnic which met with huge success and led the way for other social events of the department. A masquerade party was planned in order to keep the spirit of the party in true Halloween style. Prizes will be awarded the couple appearing in best costumes in the opinion of Marik and Strocchia, who will act as judges for the evening.

Ping pong tables have been arranged for those who care to play while other members of the party dance. Refreshments, as planned, will consist of hot dogs, root beer, cake, and candy, and will be included free of charge for each couple attending.

"It is to be emphasized," said L. Strocchia, "that each couple be dressed and appropriately masked in order to be admitted to the party." No one will be admitted without a ticket. Tickets will not be sold at the door.

**ARX BANQUET**

(Continued from page one)

ized Armour Institute, attended a meeting of the trustees of Art Institute in 1893 and stated that Armour would like to establish a course in architecture but did not wish to conflict with the Art Institute course. A special committee decided that the school continue under the joint management of Armour Institute and the Art Institute. This arrangement continued until 1904 when Armour assumed complete responsibility and financial control.

Since that time the Art Institute has allowed free access to the museum and libraries. From 1898, when two students were graduated, to the present time, over 400 students received their degree in architecture.

**Students and Profs Hold 'Round Table' Session at W.S.E.**

Those in charge of the W.S.E. came through with a surprise meeting in Chapin Hall, room 220, last Friday at 10:30 a.m. which left the members of the society in a very enthusiastic condition. After receiving a short report by the Junior class committee on the W.S.E. Smoker, a "Round Table" discussion was held, with Professors Stevens, Penn, and Sears doing the answering to all of the questions asked. B. Kirz was the main interrogator with questions from the floor being permitted. From the types of questions asked, the interest shown, and the rapt attention of the listeners it was evident that the information obtained was something that each man was in search of.

Such questions as "What is the comparison of the present senior class to one of 10-12 years ago?", "Our seniors all are worried about jobs. When you were in school did you worry about one? If so, how did you solve your problem?" and "Is the Civil Engineer trying to cover too much of a scope?" were typical questions answered by the staff to the complete satisfaction of everyone.

Every face broke into a broad grin when Professor Penn asserted emphatically; "Our Armour graduates will stand up against the graduates of any college, and I mean every college." To reciprocate this compliment the audience seemed to have the unanimous opinion that Armour's teaching staff is better than that of most colleges and comparable to that found in any college.

Professor Spears gave a short, informative talk in answering one of the questions asked regarding the relative merits of personality as compared to those of mental ability. He said that when an employer does not know those men that apply for a position, all other conditions being equal, he's apt to decide in favor of the more personable one.

The meeting came to a close too soon for everyone but there was the promise that another "Round Table" would be held in the near future.

**Solution to Labor Problem Probed by Professor Hansen**

Some of the Armour students had several classes less for a week, recently. The reason was that Professor A. S. Hansen, of the social science department, had gone on a visit to New York City and Washington, D.C. He was kept busy visiting large companies' headquarters, such as those of the Standard Oil Company, the Socony Vacuum Corporation, the Anaconda Copper Corporation, and others, in New York City; while in Washington most of his time was spent in the departments of the Treasury, Internal Revenue, and Labor, as well as the United States Chamber of Commerce, and with the Social Security Board.

According to Professor Hansen, the purpose of his visit sheds a hopeful ray of light on the labor problem today, probably even on its solution. Some of the companies have been experimenting with what may be called a profit sharing system, where employees are allowed a percentage of the profit from the business. This system may promise a decrease in strikes by affording a "better way out" of the wage increase problem, and may probably be inductive to a better spirit of work among the employees in seeing if they can increase their share of the profits.

These views, however, are still in the speculative stage, waiting for reliability by means of experimental proof. It was to investigate records of these experiments, as far as they have been carried, that sent Professor Hansen on his trip. He also attended meetings of the Association of American Manufacturers, where these problems were discussed.

He then went to Washington to obtain information relative to the theory behind this system, and also investigated what was being done in the matter of levying taxes on business which would act as incentives to adopting this system of profit sharing. "We are investigating it on the assumption that it is a good plan," said Professor Hansen.

**TECH SHORTS**

(Continued from page three)

and not only that, but the team will be penalized.

We always knew that landing in a sandpile from a thirteen foot height wasn't good for anybody's health. If you don't believe us take a look at Ralph Dixon's rib. It has all the symmetry and general appearance of a french curve. Dixie broke it last year while landing in a strained position after one of his flights into the stratosphere.

**TOUCHBALL**

(Continued from page three)

The frosh defense tightened and held. The "Short Pants" also threatened their opponents' goal, but were stopped by the firemen who punted out of danger.

This game was a replay, as the first match was successfully protested by the frosh.

After battling for thirty minutes, the junior juicers and the soph mechanicals were unable to come to any decision. Neither team was able to penetrate the other's defense, with the result that the game ended in a scoreless tie.

In the other games played this week, bringing the total number to nine, two freshmen and two senior teams clashed. The Rats and the Phi Pi Phi's fought with the Rats finally triumphing 13-7. The Senior Mechs garnered two touchdowns and two extra points against the Senior Civils' lone safety to come out on top, 14-2.

Yesterday was to see play between the Junior Elects and the frosh Rats during the noon hour.

Teams which have suffered two defeats, and which are thereby eliminated from the tourney, are the Senior Civils, the Senior Fire Protects, and the Junior Firemen.

Fifteen teams remain in the race. By last Saturday all but the Soph Elects had been scheduled for play this week.

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