



Armour Tech News



Vol. XVIII. No. 7.

Armour Institute of Technology, Chicago, Illinois

Tuesday, November 3, 1936

Arx 'Bacchanale' Bids Go Rapidly

Advance indications of bid sales point to a sellout of Diana's Bacchanale, the dance to be given by the Architects on Friday, November 13. The tickets, which are selling at \$1.50, are going extremely fast. Tickets for this affair may be purchased from any architect and several of the engineers, including Hansan, Slowiak, Osri and Downing. Any other students who can sell five bids will receive the sixth free.

The dance is to be held at the Diana Court of the Michigan Square Building, located at 540 North Michigan Avenue. This spot is ideal because it is easily accessible due to its central location. The Diana Court is modern in architecture and yet it has old world quiet and charm. Music for this dance will be furnished by Arthur Wise and his Royal Club orchestra.

Death Takes Leader of Insurance Rating

Jackson V. Parker, founder and manager of the Western Actuarial Bureau in Chicago, dean of fire insurance rating men in the Midwest, and founder of the present fire protection engineering scholarships at Armour Institute of Technology, died at his home at the age of 63 in Evanston, October 26, following a year's illness.

Mr. Parker was born in Newport, Minnesota, June 2, 1873. His first insurance experience was obtained with a St. Paul insurance agency. His business career was interrupted when he enlisted in the 13th Minnesota regiment during the Spanish American war and served in the Philippines.

Upon his return he was employed as an examiner by the Sun Underwriters Insurance Company. He went with the old Illinois State Board, making rates in Chicago. In 1904 he started working with Mr. A. F. Dean who was devising the Analytic Schedule. Mr. Dean selected Mr. Parker to help in applying the schedule as an experiment in Illinois.

Mr. Parker displayed exceptional aptitude for the work and was able to show the practicability of the schedule. He continued the work with Mr. Dean until 1907, when he (Continued on page four)

All Freshmen Asked To Consult Advisers

Faculty advisers to the freshmen class, a new development in the comprehensive program for entering freshmen, were appointed last week by the dean's office. Each adviser has been given a group of freshmen to whom he will act as individual counsellor.

To Discuss Problems

Each freshman will be able to discuss his scholastic, social and personal problems in confidence with his adviser. The function of these advisers is solely to aid the freshman in his problems; there will be no disciplinary authority vested in these advisers.

A list of the advisers and the freshmen who have been assigned to them has been posted on the bulletin board. Each freshman is requested to see his adviser some time this week. The faculty advisers are: C. G. Anderson, S. F. Bibb, W. B. Fulghum, C. O. Harris, L. G. Lease, R. H. Manley, W. H. Seegrast, S. M. Spears, W. L. Suter, and C. C. Webber.

Results of Test Completed

The results of the freshman tests which were conducted in September are now almost complete. However, no general results, or comparison of results with other colleges will be available for a few months due to the fact that the test differs in content every year.

No publication of the individual scores of the tests will be made, but if any freshman wishes to consult with his adviser about his individual test, he may do so.

A.I.E.E. Smoker to Be Held November 6

The first social event of the year for the Armour branch of the A.I.E.E. will be held at the Delta Tau Delta fraternity at 8:00 p. m. November 6. It is reported by the social committee that there will be movies (Mickey Mouse), gambling (with fake money), and smokes for everyone, including those who like good cigars. Refreshments including sandwiches and coffee will be served. "Problems in Television" was the subject of a talk given by Professor Kent at the meeting last Friday. It was pointed out that there is a vast field in television available for electrical engineers.

The methods of transmitting pictures that are in use today were explained together with the advantages and disadvantages of each. The three most common methods that are in use today are the "point by point" system, the Farnsworth method and the Ionoscope. The one big disadvantage of the mechanical ("point by point") system was in its very low efficiency of .03%.

It was explained that commercial production of television receivers has been delayed because the public has become too critical since the development of high quality movies. At present, the cost of production of the receiving equipment is high and it is thought that there would not be a great demand for such receivers.

Town Grading Topic at F.P.E.S. Meeting

"Town Grading," a topic of special interest to fire protection engineers, was the subject discussed by Colonel C. A. Goldsmith of the National Board of Fire Underwriters at a meeting of the F.P.E.S. on Friday, October 30. Colonel Goldsmith, who earned his title for service in the World War, is now Assistant Chief Engineer of the National Board. He told of the development of the schedule used in town grading since work on the project was first begun in 1904 by a committee of twenty men. Although the war stopped the committee's progress for a time, the schedule was put into effect in 1919.

Consider Water Supply

The objective of town grading is to put each town or city in its proper relation to other towns in regard to fire protection. The National Board lists ten classes of exterior protection. Factors to be considered in grading a town are adequacy and reliability of water supply, distribution and manpower of fire departments, pumping capacity available, building laws, fire zoning, and the adequacy of fire alarm systems. The National Board committee has distributed complete instructions to the different rating bureaus of the middle west on the subject of water main testing.

Salamander Pledges

Earlier in the meeting, four men were pledged to Salamander, honorary fire protection engineering fraternity. Professor J. B. Finnegan, speaking in behalf of the officers and members of Salamander, explained the qualifications required for membership, and announced the names of the pledges. The three senior pledges are W. M. Gunther, J. F. McCaulay, and E. J. Simek. The junior is L. B. Parker, who holds the highest scholastic average among the junior fire protectors.

Armour Is Host to Round Table Session

Members of the faculties of twenty high schools from Chicago and northern Illinois were guests of Armour Institute Friday evening at the Metropolitan Round Table of the Illinois Industrial Education Association held its Industrial Arts Round Table Dinner at the Student Union. The dinner was followed by a speech on "New Developments at Armour Institute of Technology," given by Dr. W. E. Hotchkiss. After E. C. Bloch of the Union Special Machine Company had discussed "Educational Problems in Industry," the members visited the various departments of the evening school.

HOLD DAD'S NIGHT DEC. 8 AT SADDLE AND SIRLOIN CLUB

Feeling that Armour students will support the "Dad's Night" affair, definite plans are being made for this annual get-together. Led by A. P. Schreiber, publicity director of the school, A.T.S.A. officers, Dean Heald and Mr. Allison, the date, site, and other arrangements have been tentatively set.

After considering the Techawk basketball schedule, school leaders feel that the Arkansas game will probably serve best to raise the proposed spirited affair to unforgettable heights. With their flashy type of hard driving basketball, the tall rangy Arkansans will add the necessary zest to the evening.

Date is December 8

Tuesday, December 8, will probably be the date. The place considered most suitable is the Saddle and Sirloin Club located in the Chicago Stockyards. Present plans call for a banquet for the fathers and sons at 6:30 p.m.; speeches and short talks will follow the banquet—and then the basketball game.

In order to keep the group together, plans are being made to have buses carry the crowd to the 108th Engineers Armory at 34th and Wentworth where the Armour home games are held. As a further innovation, the basketball game will be a double header with a freshman game as a preliminary.

Tickets Ready Soon

Following their words by action, the A.T.S.A. officers announced that they will have tickets ready for sale next week. To help encourage ticket sales, presidents of social and professional fraternities, class officers, etc. will be asked to cooperate with the A.T.S.A. officers. One ticket will cover the cost of two dinners, bus transportation to the Armory, and the basketball game. "Dad's Night" is by no means restricted to only students and their parents, but is open to Alumni and faculty members and their sons.

Alpha Chi Sigma Has Smoker at Triangle

Seventeen students enrolled in chemical engineering were guests of Alpha Psi chapter of Alpha Chi Sigma, national professional chemical fraternity, at a smoker held at the Triangle fraternity house last Thursday evening. A ping pong tournament, pool, and cards were among the diversions in which the guests and the thirteen members spent an enjoyable evening. As a finale, refreshments were served and were followed by a few words by J. A. Haase, master alchemist.

Frosh Plan Armistice With Sophs As Lull Comes on 'Green Cap' Front

The officers of the freshman and sophomore classes, for the first time in the history of Armour, have drawn up a tentative set of rules governing the green cap situation. This was disclosed at the meeting of the freshman class held Friday, October 30, in the assembly hall. It is hoped that these rules will help to relieve the natural animosity between the classes.

Draw Up Rules

The rules of the tentative agreement are: (1) The freshmen are willing to wear their green hats. (2) The freshmen are to have an enforcement committee which will endeavor to make unwilling members of the class of '40 wear green hats. (3) The freshmen agree not to aid those of the class who absolutely refuse to uphold the tradition of green caps. (4) Sophomores have the absolute right to depants a freshman when he has left his green hat at home. (5) Sophomores according to the agreement are to request a bare headed freshman to don his green cap before any depantsing takes place. (If a freshman refuses to put on his green cap, or has none at all, the pants come off.) (6) It was

VISITORS



(By E. P. McHriener) Dr. Shinzo Koizumi, Dean H. T. Heald, and Mr. Toshio Yamamoto.

Tokio Educators Inspect Armour

Probably the best organized alumni in the world are those of Japanese colleges—only it's baseball instead of football that the old grads follow. According to Dr. Shinzo Koizumi and his secretary, Mr. Toshio Yamamoto, visiting Armour a week ago Monday, the alumni follow the university baseball teams with more enthusiasm than the American public shows in baseball. Dr. Shinzo, who is president of Keiogijuku University of Tokio also said that while technical, education, and laboratory work is not as far advanced in Japan as in this country, his own university is considering the founding of an engineering school.

Having visited the Harvard Tercentennial during the summer, the Japanese educators are now returning home, making a number of stops at prominent schools on the way. Asked how the equipment and facilities of Armour ranked with those of Massachusetts Institute of Technology, the visitors said that what they remembered best about M.I.T. was its alumni organization and personnel work; at Armour they were especially interested in the laboratories of the mechanical engineering department, tests on strength of materials being made to show the use of the powerful materials testing machines. They also visited the other laboratories and shops of the school.

Japanese industry as a competitor with that of America was declared by the doctor to be a strongly overdrawn picture. He stated that an amicable agreement could surely be made for the future.

Seniors Will Hold Dance on Nov. 27

The senior class will hold the first of the class dances on Friday, November 27, the day after Thanksgiving, according to Art Dreis, social chairman. Either the Gold Room of the Congress Hotel or the Main Ballroom of the Medinah Michigan Avenue Club will be the location.

Bids for the affair will be sold at \$1.50 and soon will be circulated about school. The dance will be informal and will not be a table dance. Negotiations are being made now to secure a well-known and popular orchestra for the affair.

Art Dreis, who was appointed social chairman by the Senior Commission, has a committee made up of members of the commission. The committee represents all departments and was introduced last year by the class of '37.

Two senior commission meetings were held to make plans for the dance. L. Janas has been elected commissioner from the mechanical department to replace a commissioner who had become ineligible.

Show Films of Steel Erection to W. S. E.

Motion pictures depicting the steps in the erection of the Empire State Building were shown last Friday morning at a meeting of the W.S.E. Pictures of steel members from rolling mill to fabrication plant, and then finally to erecton were shown.

Of special interest was the size and complexity of the built up column sections. The steel work for the Empire State Building was completely erected in six months—a record time. After some progress had been made on the job, a rate of practically a story a day was established for erecting the steel framework.

Fifty-eight thousand tons of structural steel comprise the framework of the building. Towering 1250 feet in the air, this building is the world's tallest. Its equivalent height is 120 stories.

To make sure that the building would be the world's tallest, the builders erected a 200 foot observation tower which tops the building. Actually the building is 85 stories high and measures 1043 feet over the curb.

During intermission in showing the reels, P. L. G. Moore, president of the W.S.E., called for discussion on a society smoker. Plans were made to hold a Monte Carlo type of smoker some time before Christmas.

Unions Form Debate Subject for A. I. Ch. E.

Chemical engineers should definitely not unionize if the result of the A.I.Ch.E. debate on the subject last Friday is to be taken as any criterion. The decision rendered by Judges Harris, Schaad, and Van Atta was in favor of the negative side by the score of two votes to one. The proposition of the debate was, "Resolved, that Chemical Engineers Should Unionize," with affirmative taken by Frank Hackman and Paul Schultz, and the negative by Robert Clarke and Herman Bauermeister.

After the debate was concluded, the business of giving to the highest freshman chemical an award was brought up; this award was voted to be discontinued last year. A motion to the effect that the award be continued was made, and it was carried by the close vote of twenty to eighteen.

The next meeting of the A.I.Ch.E. will be held on Friday, November 13. Mr. Gerstein, an official of the city's water treatment department, will speak on the recent advances in water treatment. The meeting will probably be held in Science Hall.

J. A. Haase brought up the subject of the coming joint meeting between Armour's student branch of A.I.Ch.E. and the senior chapter. By this week all of the junior and senior chemicals will have received their assignments and the actual work for the joint meeting will be well under way.

SIXTEEN VIE FOR OFFICE IN JUNIOR CLASS ELECTION

Presidency Sought By Trio: Osri, O'Brien, and Chelgren

PICKED BY COMMITTEE

After the heated discussions of last week's meeting, the juniors will elect class officers this Thursday in the lobby of Main from 9:30 to 2 o'clock. In case of close voting, a run-off election will be held.

Candidates for president are W. J. Chelgren, W. P. O'Brien, and S. M. Osri. H. G. Downing, R. M. Faust, W. F. Schlaw, and G. Thodos are running for vice-president. Candidates for secretary are R. F. Beardsley, J. Dunne, and W. J. Laise; for treasurer, C. K. Nauman, H. F. Perlet, and I. Seidenberg. C. W. Dunbar, S. E. Healy, and R. E. Worcester are seeking the position of social chairman.

Committee Picks Slates

The petition method was thrown overboard in the nomination of officers. An election committee, consisting of C. L. Basile, C. W. Dunbar, W. R. Marshall, G. A. Palka, and I. Seidenberg was appointed at last week's meeting. Candidates for the offices filed formal intentions of running with the committee and the committee selected the candidates from those applying based upon personal qualifications.

Manifests Interest

The unusually large number of candidates indicates that the juniors are definitely taking more interest in class government. Twenty-two candidates filed notice of desire to be placed on the ballot list. All applications for the offices of president, vice-president, and social chairman were accepted. Of the remaining twelve applicants, six were selected to run for the positions of secretary and treasurer.

Concerts to Be Held by the Musical Clubs

The Orchestra and Glee club are busy rehearsing for three concerts, the first to be on Armistice Day, November 11, and the others to be on December 11 and 18. Friday, evening, December 18, the members of the musical clubs will gather with their girl friends at the Evanston Country Club for a Christmas party. The concert will be given in the early evening and dancing will follow.

Director O. Gordon Erickson is holding the musicians in suspense in regard to the engagement of December 11. There is much speculation about the possibility of having a concert and dance at either the Chicago Normal College on the south side or the National College of Education in Evanston.

Dr. T. Poulter Shows Pressure Equipment

Methods used in the research laboratory for testing strength of materials were presented at the A.S.M.E. meeting last Friday by Dr. T. C. Poulter, director of the Armour Research Foundation.

Equipment used in the experiments was used to demonstrate the method of testing and slides showing the various mechanisms were shown to the students. The equipment was all carefully constructed to withstand tremendous pressures reaching 300,000 atmospheres.

The materials tested included different types of metals and glass. Comparison of reactions at ordinary conditions and those at high pressure was emphasized. Of particular interest was the manner in which hydrogen penetrated thick metals at extremely high pressures. The testing of glass was studied very carefully and pictures of the manner in which the glass broke were shown.

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Spoils of Victory

Soon after you read this, either Franklin D. Roosevelt will be elected president and the United States will continue under the New Deal, or Alfred M. Landon will be elected and thousands of democrats will find themselves jobless as a result of the spoils system prevalent in this country.

The men that hold these political jobs and the men who might get these jobs are, no doubt, of the unqualified type who hold down a salary and office merely because they are patrons of some political party.

Ever since its birth in 1881, the National Civil Service Reform League has worked to defeat the deplorable spoils system and to place all government jobs possible on the basis of merit.

This is a public spirited group of young men and women, determined to win America away from the spoilsmen.

They are now seeking enough interested people to petition Congress to propose a twenty-second amendment to the Constitution of the United States which reads as follows:

"Appointments and promotions in the civil services of the United States shall be made according to merit and fitness to be ascertained so far as practicable by examination, which, so far as practicable, shall be competitive."

This movement deserves the particular support of college students regardless of their political affiliations, because it will at once cut down in the expense and inefficiency of national and local government administration.

Public Speaking for Engineers

Every business man, industrialist, engineer, and educator particularly, emphasizes, when discussing desirable qualifications in young engineering graduates, the need and importance of adequate self-expression—both written and oral.

Every course in English given to engineering students has, as its stipulated objective, the inculcation in these students of adequate and effective methods and habits of self expression; yet we must sadly note how few are those who have attained this objective.

It is not our purpose here to attempt to lay the blame for this seeming paradox; rather, it is to discuss one phase of this important deficiency in engineering training.

No one can deny the existence of the wealth of opportunity that lies before, nor the "prize plums of success" that may be had by him who is able to think logically and to speak effectively.

Every student of Armour who has participated in general assemblies or in student professional society meetings knows what a pleasure it is to listen to a speaker who presents and carries through a logical discussion of his subject matter on the basis of sound English grammar, good diction, and forceful elocution.

It is imperative that such facilities as are available for acquiring sound English grammar, good diction, and forceful presentation should be so augmented and supplemented that the general student body profits thereby.

The professional societies here at Armour have attempted time and again to foster and develop in their student members the ability to publicly address their fellow members on subjects of their own choosing. Despite the efforts and entreaties of both faculty members and society officers, this program has only met with very meager success. In pursuing this program, the societies are asking the members to present a finished product, a proficient public address.

Then, and only then, when the engineering student of tomorrow—the engineering leader of today—has mastered this art will he have cast from his feet the greatest shackle hindering his upward progress. Then, and only then, will he have cast aside the characteristic epithet of engineers, "a good listener," and be able to take his rightful place in the discussion of human welfare and relations with his fellow-men in other callings.

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

Here I am, back again! Betcha were scared I was gone for good. However, the sack full of notes requesting, yea, even begging for my return sure warms the cockles of my feet. The notes came in handy. I used the blank sides for calculations. The purpose of that poetic outburst by my esteemed editor, R. W., was to make you guys appreciate e. j.'s tripe. Feel no malice towards R. W., poetry is his tripe of writing.

Animals are funny things
They're ignorant and lazy,
They run around and play all day,
Sometimes I think they're crazy.

Us human beans are different tho'
We work and slave all day!
We skimp and save to stay alive,
We have no time for play.

And with the money from our toils
We build up great big zoos,
So animals can take life soft
While we work like a bunch of screws.

And now I wonder, perhaps I'm wrong;
My mind, it seems all hazy.
They live in style off our dough
You know, I think WE'RE crazy!!

Hereafter let it be known that eejay is not a worm. He's the best guy at Armour! Good old eejay!! Hereafter e. j. appears in bold type.

Eejay (loudly): Now that you're in my arms, dearest, I'll kiss you until the cows come home.
Abigail's pop (in next room): Moooo-oo-oo!!

Suggested Theme Songs
Stude (riding pony on a quiz)—I'm An Old Cowhand.
Chair (on which stude rode pony one year later)—Empty Saddles.
Junior's ode to Physics—I Can't Escape from You.
Room F, Chapin—La Cucaracha.
Frosh (after rushing season)—Nobody's Sweetheart Now.
'Calc' Quiz—Did I Remember.
E. J.—Who Loves You???. (Zazu.)
Summer Vacation Vamp—Tempting Tonight on the Old Camp Ground.

Patient: Doctor, are you sure this is pneumonia? Sometimes doctors prescribe for pneumonia and the patients die of something else.

M. D. (gravely): When I prescribe for pneumonia, you die of pneumonia.

Looking for trouble with a smile
His job is to look for trouble before it happens. He is one of many who inspect telephone apparatus regularly, even when nothing is wrong. His work is called "preventive maintenance." This work is of the highest importance. It helps to prevent interruptions to the service; often forestalls costly repairs, or replacements; helps keep telephone service at highest efficiency. To plan this work requires management with imaginative foresight and the ability to balance the many factors involved in the maintenance problem.

BELL TELEPHONE SYSTEM
Tonight—call up someone in the old home town—after seven, when rates to most points are lowest.

THE STEAM SHOVEL

Known to the basketballers as "baggy-knees" last year, Ed. Brown has a luxurious innovation this season... the softie carries a pillow around to all his classes.

Regarding Father's night please do not have it on a Saturday, because this is the night on which I see my Betty.

Prof. Libby wins the Boner prize for this week, a gold-plated motor-driven slide-rule. He invaded the Fire Protects' sanctum (B-Chapin) and blandly asked them what they were doing there.

GEORGE "GREEK GOD" THO-

Fraternity Notes

DELTA TAU DELTA
Our annual Hallowe'en party was held at the chapter house last Saturday night. It was well attended by members of the house as well as alumni and various other fraternity men.

DOS WANTS TO KNOW WHO THE BUM IS WHO PUT THAT ARTICLE ABOUT HIM IN LAST WEEK'S SHOVEL. BESIDES, SAYS GEORGE, "I LIKE BRUNETTES BETTER."

"If everybody were above average" piped Petro in a sudden fit of brilliancy, "why then - - er - well - uh - well - glgr - glub-glub..."

PI KAPPA PHI

Alpha Psi Chapter of Pi Kappa Phi fraternity announces with great pleasure the pledging of: Richard Olinger Co-Op '41. In fairness to those who have already pledged Pi Kappa Phi we have decided that at the present time we will not pledge any more men from the class of '40 because we do not wish to tax our accommodations.

Congratulations are in order for Brother Idris Thomas who was pledged to Pi Tau Sigma, honorary mechanical engineering fraternity. The Hallowe'en Dance was a big success and the pledges are to be commended for their work. Harry Perlet is promising the house ice cream and cake in the near future. Is this why he was calculating "expenses" in Heat Power? Brother Speer is to be congratulated on his appointment as assistant manager of the Swimming Team.

Comic strip featuring Judge Robbins and Prince Albert tobacco. Judge Robbins says: "THIS STEM ZIG-ZAGS PLENTY... THAT'S THE JAPANESE WAY TO GET A COOL SMOKE... NOT SO DUMB, MY PIPE ALWAYS HEATS UP ON THE SECOND LOAD... NO SENSE TO THAT - GET A COOL SMOKE TOBACCO - PRINCE ALBERT... QUANT JAPANESE PIPE... R.A. IS SPECIALLY CRIMP CUT... AND PRINCE ALBERT BURNS SLOWER, SMOKES COOLER, CAKES NICELY... GREAT STUFF, JUDGE. MY PIPE GETS R.A. FROM NOW ON... COOLER, CAKES NICELY, TOO, AND DOESN'T BITE THE TONGUE"

PRINCE ALBERT MONEY-BACK GUARANTEE:
Smoke 20 fragrant pipefuls of Prince Albert. If you don't find it the mellowest, tastiest 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

SENIORS CONQUER CLASS OF '40 FOR BASKETBALL TITLE

Freshmen Nosed Out By Last Minute Scoring

FAST MOVING PLAY

Defeating the freshmen in a close-fought game last Thursday, the seniors captured the interclass basketball title 13-11. Marked by rough and fast moving play, the game was similar to the two first round contests played on Monday and Tuesday a week ago.

Although the freshmen picked up the first point of the game when Pinkus made a gratis toss, the seniors, playing the same five men throughout the whole game, tied the score on a free throw by Taradash and thereafter kept the lead. Hard playing and lots of action produced many shots at the basket but very few of them counted, little discretion being used as to position on the floor. Only three baskets were made in the first half, one by Ikenn, one by Liebmann, and one for the freshmen by Gerwig.

Frosh Good Passers

The green-cappers kept up a nice passing game during the first half, and though they were able to get only one basket out of it they garnered two points on free tosses. The seniors, on the other hand, relied on long shots and lucky breaks under the basket to keep up their end of the score, the tally at the end of the half being 6-4 in their favor.

Starting the second half, Skuza missed a free toss, but D'Amato helped the frosh score along by dropping in one out of two passes given him when he was hacked under the basket. But the seniors quickly retaliated by adding two baskets in a row, one by Skuza and one by Ikenn on a nice backhand shot.

Seniors Get Free Throws

In this half the Frosh began to tire, but the seniors added several free throws to their already larger score. Playing individually rather than as a team, they made no scores until Gerwig intercepted a pass under the basket and sunk it to bring up the score to 11-8. Then, as the game was in its last minute, Norkus made a basket on a floor length dribble, and Dreis sunk a short bucket to bring up the score to 13-10. With 30 seconds to go each team made frantic sallies at the board, but the only score was a free toss made in the last two seconds by D'Amato to bring the final tally to 13-11.

BOX SCORE			
Seniors (13)		Freshmen (11)	
B.	F.	B.	F.
Ikenn, f.	2	1	2
Skuza, f.	0	2	1
Liebmann, c.	1	0	2
Taradash, g.	0	1	0
Dreis, g.	1	1	0
Totals		Totals	
4	5	10	7

Cross-Country in First Meet Nov. 7

The cross-country track squad is fast getting into shape for their first meet, the Loyola invitational, to be held November 7. The team members have been having nightly workouts on Ogden Field, getting the old legs and lungs into condition. As of yet there have been no casualties, strained muscles, or pulled ligaments. Time trials were held last Friday night, and from all indications, Armour will be represented by a strong squad consisting of Henry Bodnar, Mark Dannis, Ralph Close, Carl Deuter, Martin Herz, and captained by Ralph Faust.

The meet at Loyola will see powerful squads of many of the leading schools of the Little Nineteen conference entered. The distance to be covered will be a two and a half mile stretch, starting off with one lap around the Loyola campus track, and then continuing for the rest of the course cross-country, with many obstacles and hazards confronting the runners. The manner of scoring the teams is worthy of note. The competing schools may enter as many men as they wish, but the finishing positions of the first five men of any school are the ones that count toward the team score.

Touchball Contest Nears Completion

Senior Juicers Beat Mechs

In a spectacular last minute rally, the senior electricals came through with a touchdown pass to tie their stronger mechanical foes, 6-6, on Ogden Field last Tuesday. Outpassed and outrun throughout the first thirty-five minutes of play, the electricals' strong finish was an unexpected climax to the hard-fought and well-played interclass tilt. After fumbling a punt on their two yard line the mechs tried to pass their way out of their plight, but Shewchuk upset this strategy by intercepting Logullo's pass and returning it to the five yard stripe. After a long huddle, he tossed a short pass over the left side of the line to Slowiak, who was unguarded, for the tying tally.

The first period featured a number of threats on the electricals' goal, but a combination of fast running and excellent defense play by the juicers, broke them up. With the opening of the second half Logullo received Sobolik's kick, and after a long run, passed to Carlson who trotted across the line with an escort of blockers.

Dr. Chems Beat Sr. Mechs

Bucking a stiff west wind during the first half and playing along with it in the second, the senior chemicals gave their classmates, the mechanicals, their first defeat, 14 to 6.

The mechs received the kickoff but gave the ball away on the first down when Hackman intercepted Logullo's pass. Harrold, attempting a punt on third down, received a

bad pass from center and was tagged before he could get the kick away. No more scoring occurred in this half, but soon after the start of the second, the Forberg-Skuza combination clicked again, making the score 14 to 0. Scoring by the mechs came when Heike of the chems fumbled a kick with four downs to put it over. After three attempts had fallen short, the fourth, a short bullet pass from Logullo to Harrold, put the mechs in the scoring column.

Jr. F.P.E. 6—Jr. Ch.E 2

Last week the fire protects marched on to another victory, with the junior chemicals the victims this time, by pounding out a 6-2 decision in a hard-fought battle.

The only touchdown of the game was scored by Sheehan, F.P.E., on a line plunge. The chemicals received their two points in the form of a touchback when Dunbar was tagged behind his own goal line as he attempted to kick.

The actuarials kicked off to the chems who took the ball for ten yards before being stopped. Four plays later, the chemicals lost the ball on downs in midfield. A punt over the goal line gave the fire protects the ball on their own five yard line. On the next play, Dunbar was tagged in goal as he attempted to kick resulting in a safety, Ch. E. 2-F.P.E. 0.

In the third quarter, a pass from Downing to McIntyre netted twenty yards, putting the ball on the five yard line. Immediately afterward, Sheehan crossed over the line with Downing and Dunbar acting as interference. The game ended without further scoring although the chemicals did come within five yards of their goal.

Seniors Turn Back Juniors; Frosh Swamp Sophs in Cage Semi-Finals

In a surprise victory last Monday, the senior basketball team tumbled the juniors from their two year interclass basketball supremacy by a 9-7 score. The juniors, confident from easy tournament victories in previous years, met their match in the hard fighting fourth year men, in as rough a game as the fifth floor collar-box has ever seen.

From the opening whistle to the final play the battle was nip and tuck, no team ever having more of a lead than a point or two, and no quarter being asked as to roughness of play. Close guarding and the equal strength of the teams aided in keeping the scoring rare and the physical contacts frequent. The referee's reluctance to call fouls was highly contributory to the roughness of play.

Most of the first half had been played before anything was entered in the scoring column. Dreis' foul, the only personal called against the seniors, permitted Skeppstrom to sink a charity toss and give the juniors their only lead of the game. Ikenn's push-in shot from the free-throw circle and Skuza's free throw opened the scoring for the seniors. Following the basket by the juniors which tied the score, came Dreis' long shot to close the scoring for the period and give the seniors their half time, 5-3, lead.

Even Play in Second Half

Even playing also featured the

second half. Two baskets by the third year men came between Ikenn's long shot and the winning bucket, Skuza's step-in. This was the only scoring of the second period, most of the play being futile rushes up and down the floor and wild shooting. The senior's attempts at stalling in the closing minutes were sufficient to maintain their two-point lead and send them into the final round.

Sophs Suffer Setback

Sophomore pride suffered a serious setback when the frosh took the long end of a 21 to 8 score in the second game of the interclass basketball tournament.

In the first ten minutes of play, the sophs seemed to have the freshmen overawed. They took a two point lead early and held the frosh scoreless during this period; however, with the end of the half approaching, a desperate long shot by Eggers broke the ice for the frosh. Carlson worked free soon afterwards and scored on a step-in to bring the score to 4 to 2. Pinkus counted on a free throw to end the half and leave the score standing 4 to 3.

The frosh opened the second half with a slightly revised and peppier lineup, and with a series of short and well-placed passes, the wearers of the green worked the ball in under the basket, scoring with a step-in. The sophs in the meantime went to sleep

on the job, leaving Norkus free under the basket to score again for the freshmen. They then continued to outplay the tiring sophomore team, and broke loose several times to score on set up.

Frosh Pile Up Score

As the freshman score piled up, the sophs resorted to rough tactics, resulting in free throws for the frosh, which added three more points to their tally. As the game neared a close, the sophomores began a desperate attack from the floor, while the frosh continued to work the ball in close to sink their short shots. In spite of the numerous free throws awarded by the referee, the rough tactics continued, with the frosh score continually mounting. A man came out from under one huddle with a cut over his eye that needed stitching. Soon afterwards Carlson was hurt, but he recovered in time to score the final basket for the sophs. Heartened by Carlson's shot, the upper-classmen laid down a new barrage of shots, but were unlucky and only prevented further scoring by the freshmen by shooting as soon as they laid hold of the ball. The referee's whistle ended further play with the score standing 21 to 8.

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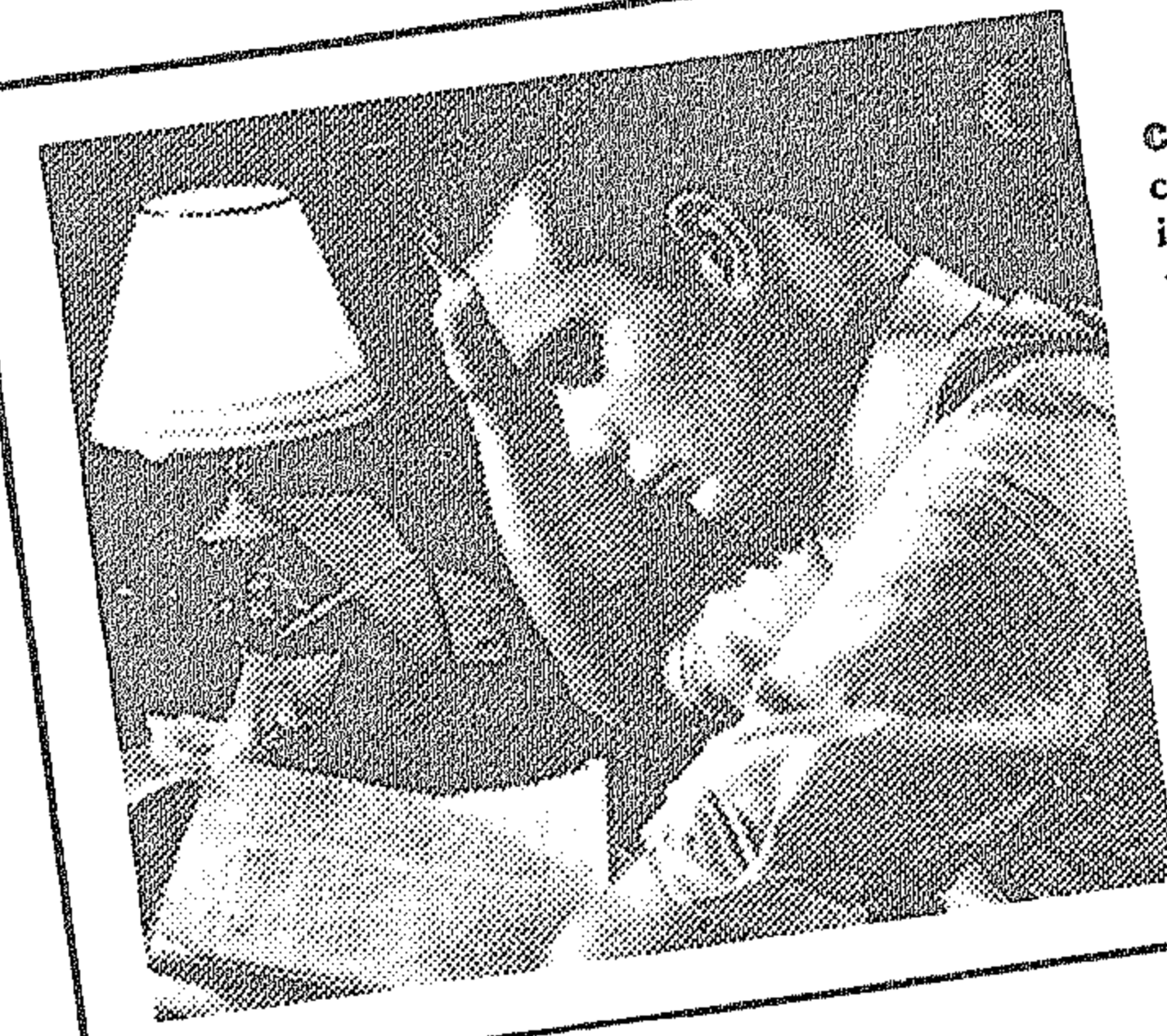
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ALL-AROUND ATHLETE FROM TEXAS. Miss Mary Carter says: "Since I've learned how pleasant Camels make my mealtime, I wouldn't be without them. Camels are mild—never get on my nerves."



CHAMPION BOWLER. Johnny Murphy says: "Smoking Camels at meals and after works out swell in my case. Camels help my digestion. After a meal and Camels, I settle back and really enjoy life."



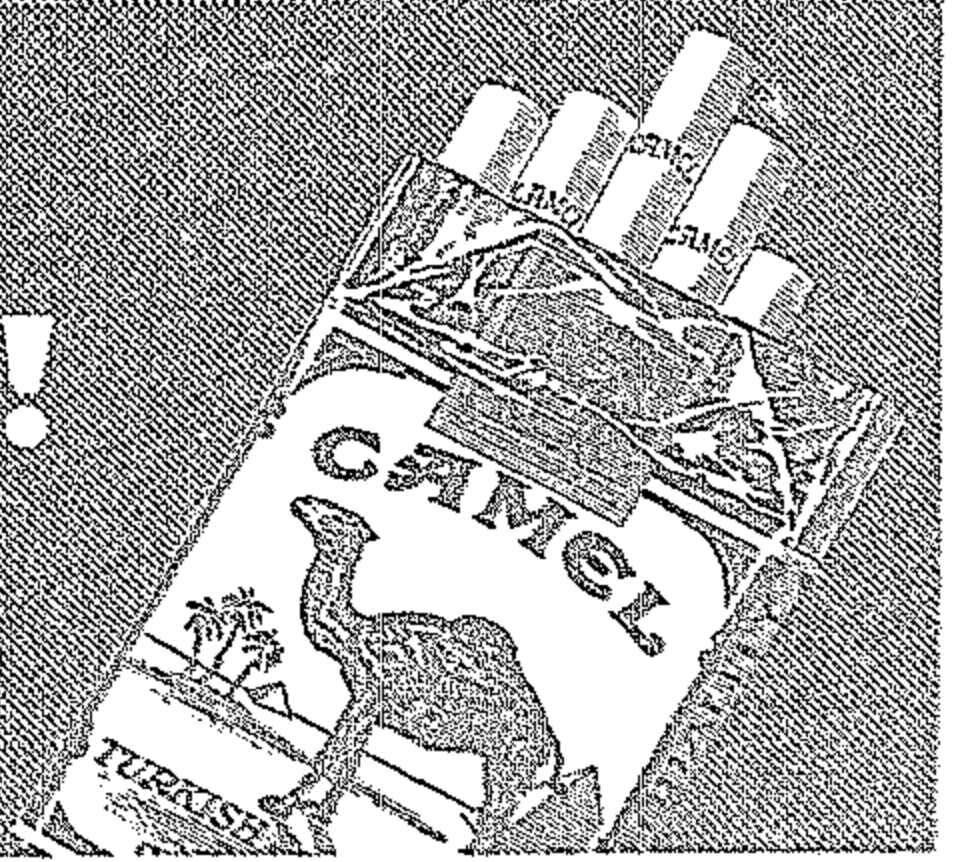
AFTER THE GREATEST FINISH UNDER FIRE IN GOLFING HISTORY: Tony Manero gets set for eating by smoking Camels. The gallery went wild when Tony Manero scored a spectacular 282—4 strokes under the record—to win the 1936 National Open Golf Tournament. In spite of the long grind, Tony's digestion stands the strain. Tony himself says: "For digestion's sake—smoke Camels!" hits the ball on the nose. I enjoy my food more—have a feeling of ease—when I enjoy Camels with my meals. Camels set me right."

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SIDELINES

By H. M. Ross

THE THUNDER of cannon, rain of blood, and the moan of the dead and dying—these are Spain's today. Torn by internal strife and hacked by unwanted prying of foreign powers, Spain is passing through a bloody chapter in her history. Culminating years of effort and struggle on the part of the Spanish peasant and laborer to rise from the depths of poverty and oppression come the bloody and internecine battles of today tending to throw him back the few steps he has come towards freedom and a better life.

PRESENT DAY Spain retains all the unpleasant hangovers of the old feudal system under which she was first organized into a nation. In the north, the land is divided into small parcels, individually owned and worked. In central and southern Spain is encountered her biggest problem. Here, carried down from the past, are enormous estates, owned by a few wealthy absentee landlords, and worked by itinerant peasants who receive only a small share of the crops they raise. When one realizes that 1200 families own forty percent of all of Spain's agricultural land; that only forty-five percent of Spain's land can be cultivated; and that eighty percent of her 28,000,000 people live on that land, the presence of an oppressive oligarchy is only too evident.

NOT ALONE in his plight is the peasant. The laborer and business man affords him ample company in the class of the oppressed. The Bank of Spain, held and operated by a few rich and powerful stockholders, unlike the Bank of England or our own Federal Reserve System, is operated only for those few. With a capital of only 150,000,000 pesetas the Bank of Spain showed a profit of 366,000,000 pesetas for the years 1931 to 1933—a time during which Spain's markets were being drastically cut as a result of world depression. In 1934, Spain's darkest year, economically, they declared a dividend of one hundred and thirty percent. Where interest rates in other countries went from five percent to two or three percent on loan renewals, the rate of interest of the Bank of Spain went to eight, ten, and even twelve percent. Freedom from these oppressions: that was the desire of every commoner.

IN 1931, AFTER years of peaceful revolution, the people of Spain won their greatest victory. Legally and without bloodshed they declared for the new order—a Republican form of government—and by the aid of the ballot deposed the old order of monarchy and suppression. But it wasn't as simple as that. With this peaceful change to Republicanism was carried over a greater part of the evils of the old system—the king was removed, but left behind were the nobles, the large landowners, the cumbersome monarchical army—each with its attentive privileges under the old regime. The new government set out at once upon the difficult task of reconstruction and of tearing down a system which had been firmly entrenched in the order of Spain for centuries past.

THIS CHANGE meant freedom and a chance at better living for the peasant and the laborer. For those few who had until now enjoyed the power of control it meant the relinquishing of privileges, the giving up of the whip of despotism which they wielded to their own advantage and to the destruction of the man who makes up over eighty percent of Spain's population. These, then, were the conditions which precipitated the present Spanish Civil War, a counter-rebellion of the reactionary forces against the duly elected left government.

THE SPANISH Revolution was a peaceful one. What followed was that the deposed leaders sought to regain by force the powers which

PARKER—

(Continued from page one)

organized the Western Actuarial Bureau to handle the details of the schedule work with the various state bureaus. The bureau has become a clearing house of information regarding rating matters concerning insurance throughout the Middle West.

Mr. Parker's widow, his father, and his three sons survive. He was a knight of the round table of the Union League club in Chicago and the Illinois Pond of the Blue Goose.

The fire protection engineering department at Armour was begun in 1903, and one scholarship per year was given beginning in 1913 by the Underwriters' Association of the Northwest. Then, in 1920, Mr. Parker conceived the idea of supplying specially trained fire protection engineers to the state rating bureaus in the Midwest.

The scholarship plan provided twenty-five or thirty four-year scholarships each year. Recently, on account of the depression, the number has been reduced to eight or ten per year. These scholarships pay tuition and fees for the four years, and provide two months' work in a state rating bureau during each of the three summer vacations while the student is in school. The scholarship man is also assured of three years' work in a bureau after his graduation.

they had legally lost. Numerically pitifully weak, their cause is fought by the Moors, mercenaries, the foreign legion, and arms and munitions from foreign sources. The world watches with anxious eyes the outcome of the struggle. With Fascism and Communism seeking territory for the spread of their doctrines, no struggle, no matter how local its courses, is long allowed to remain a private affair.

KALEIDOSCOPE

Sequel to THE ENGINEER
—A Parable

Sequel by H. F., Presumably of Armour

SOON THERE WAS a great migration from Heaven to Hell. All of the worthy citizens flocked down to the reconstructed basement apartments at such a rate as to necessitate the installation of a special subway-Hades-Express. "The Descent of Man". Heaven became quite a deserted place now. Everybody had gone to Hell and only St. Peter was left, guarding the Pearly Gates.

Well, after a few lonely years rolled along St. Peter noticed a few souls applying for re-admission to Paradise. Gradually their numbers increased and again resembled the great migratory wave, only this time in the reverse direction. They were all coming back. "The Ascent of Man". Among the returning crowds St. Peter recognized a broken and dejected man—the Engineer.

"Come," said St. Peter, "tell me, why are they all coming back?"

And this was the Engineer's story:

'As long as Hell wasn't half full yet, everything went along fine. The wonderful improvements broadened Hell's sustaining capacity, and made it capable of supporting an enormous population. But as more and more settlers kept coming down, and Hell began to fill up with people who loved to bask on the delightful beaches of the air-cooled Brimstone Lake, the Devil began to sit up and take notice. Here was altogether too much comfort, too much abundance, too much happiness, to suit him. He must devise a plan to prevent his Fiery Land from becoming a Paradise.— And he did devise a plan. He proclaimed everything in Hell

to be his own private and sacred property. His alone! And nobody was to touch anything!

"But we must live!" said the people.

"All right," said Satan, "be my slaves, and I'll let you live."

And thus, by asserting the right of ownership, he forced the people to accept slavery or starvation. A hoary alternative!

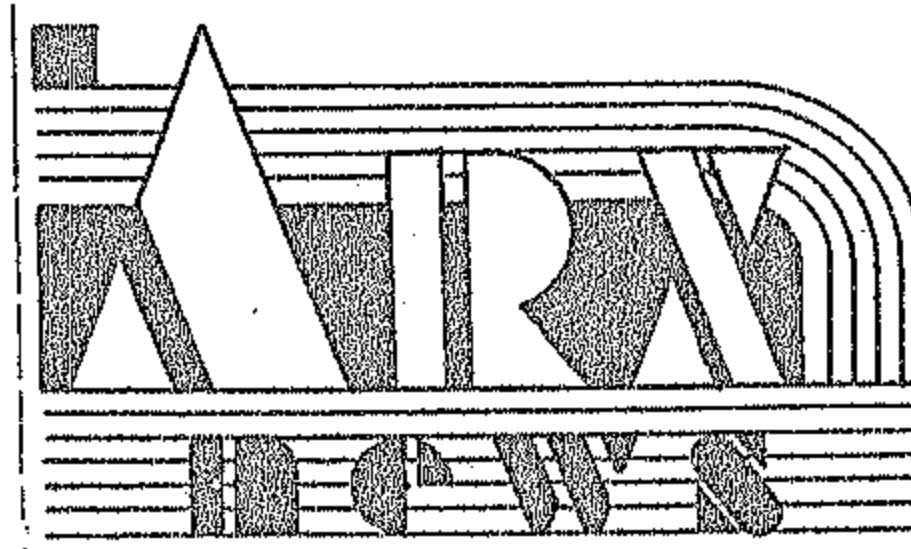
Those who would submit to slavery were at once set to work in the sweat-shops. In return for their manning of the productive processes, the slaves each received small parcels of food daily — enough to sustain life. Thus, as they, by dint of their daily toil, increased production in Hell, all of the fruits of their labor went to the chests of the Devil—deducting, of course, the cost of their maintenance. Oho! Even slaves must eat, or else how can they serve their masters?

In a very short time Hell was faced with a crisis. Even positions as slaves became difficult to secure, inasmuch as the Devil handed out slaveships very sparingly (but with great magnanimity, however!). People were starving and they began to struggle among themselves for an existence. People starved, yes—children fell sick and died—from want of the very things which their parents created in the factories, but which now lay inaccessible in the hands of the Devil. War began to spread, followed by great plagues of Insecurity and Exhaustion. And the slaves began to doubt that they were once angels.

Finally, the downtrodden Hellsfolk petitioned me, as follows:

"Apply your mathematical principles and your knowledge of the forces of nature to conquer our misery! Save us!"

And I answered: "I know more about the forces of nature than I have ever known. My mathematical principles can do wonders to make



This week rolls around with nothing of great moment (as if there ever is!) happening and so the columns will be made up of a hodge

you and your families more comfortable and happy. The improvements which I originally installed are nothing compared to what my Knowledge and Hell's resources could yet make possible. You could all live full, happy lives—rather than slave away for the Devil! Beauty, culture, love,—all could be yours. . . . Hell could become Paradise.

"But no! It spite of my ability, I can do nothing to alleviate your suffering, because Progress means the enrichment of Satan at your expense.

"As long as there is want amidst potential abundance, Hunger with more food than Hell can consume, competition, rivalry, hatred, greed, leading to starvation, disease, war, crime, poverty—as long as there is misery where should exist peace, prosperity, and happiness — as long as men live by Exploitation rather than by Cooperation, then Hell remains a Hell!"

We do not necessarily subscribe to any of the political views presented in the above article.

R. W.

podge of minor incidents.

Of prime importance to all of us, of course, is the Arx Dance. The bids are out and the juniors are very gratified with the sales to date. It is the dance committee's ambition to sell every Arch in the department, plus about three hundred engineers, at least one bid apiece and five bids to Schmaltz.

Four of the frosh managed to weather through the freehand judgment and from just a cursory glance at their work it seems that many more will be joining the mention men: Shaw, Robinson, Burnham and Cerovski in the next judgment.

Bagatelles: At the request of Mr. Mell, Thatcher has stopped his red hot and lowdown crooning. There is a rumor abroad that Wilkinson is seeking the office of Arx Dance Life Guard; Cunningham won't fall asleep in history any more for fear of being hit on the head again with the pointer. Mr. Hofmeester probably feels that he is lecturing to a bunch of dummies anyway but at least he wants them to stay awake; Woolsey ought to try staying awake in construction lecture. Mr. Harper has seen him nodding but hasn't said anything as yet; I wonder why so many men like to nigger for Lischer? "Rickey" will also watch what he says in the presence of a certain somebody; or will he? Why don't the engineers draw their own Smokie Stover posters instead of swiping ours?

Don't forget the Arx Dance November 13.

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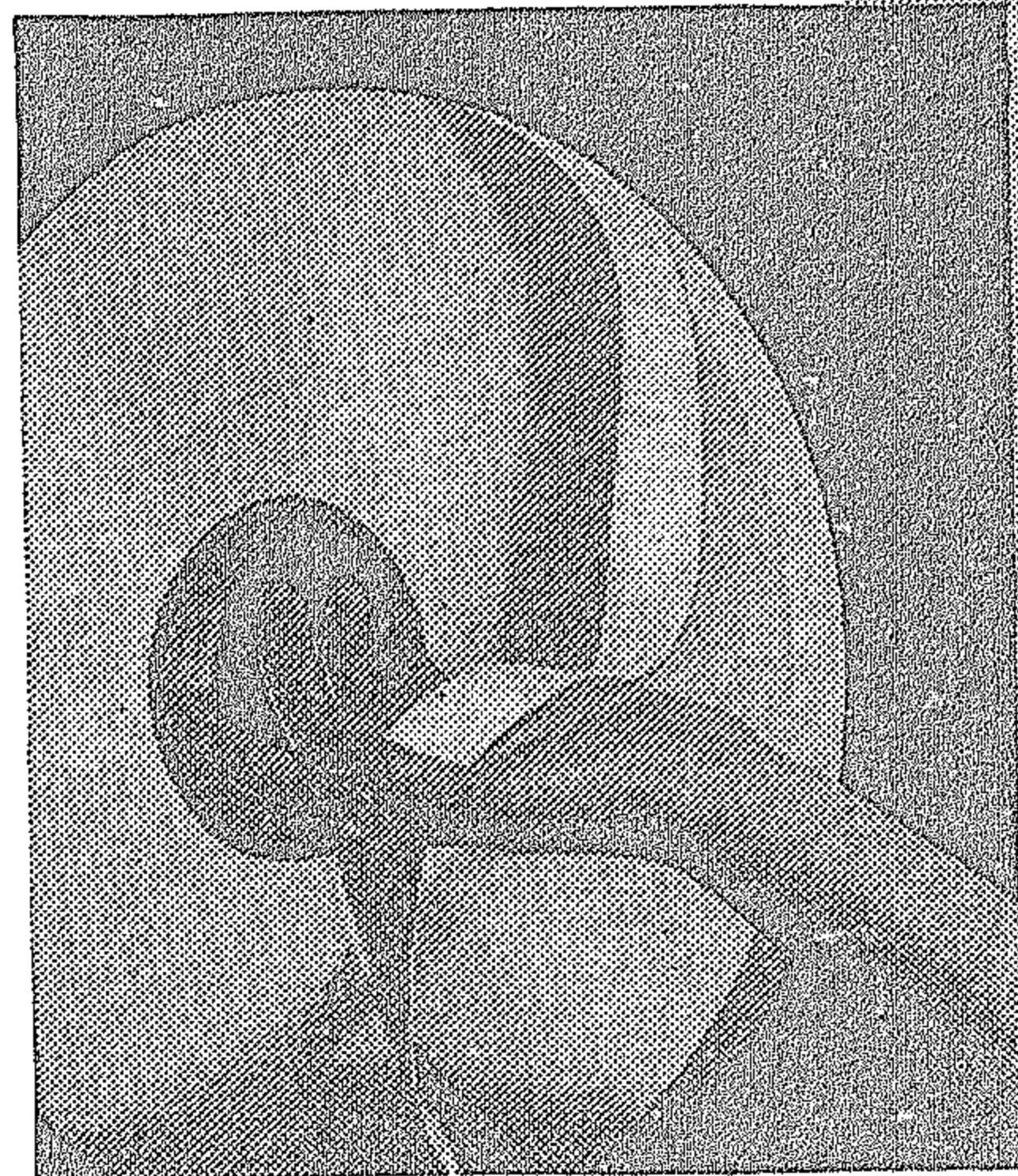
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Remember this... two things make the smoking quality of a cigarette—the tobaccos and the paper. The Champagne cigarette paper on Chesterfields is tested over and over for purity, for the right burning quality. Another reason why Chesterfield wins.