



Armour Tech News



Vol. XXIV, No. 7.

Armour Institute of Technology, Chicago, Illinois, Tuesday, November 7, 1939

Z-140

Three Hundred Couples Swing It At Arx Ball

Several hundred Armour students, with their dates, attended the traditionally famous Arx Dance last Friday night at the Shawnee Country Club in Wilmette. Correy Lynn and his orchestra furnished the music which was highly acclaimed. It was both sweet and swing, which satisfied both the jitterbug and the waltzer.

Professors Mies van der Rohe, Hilberseimer, Peterhans, Rodgers, Mell, and Dornbusch of the architectural faculty were present and joined in with the festivities. President and Mrs. Heald honored the architects with their presence at this successful social affair.

Select Arx Queen

One of the high points of the evening was the selection of the Queen of the Arx Dance. The committee had the girls walk before the stage and chose ten girls as the finalists. The committee consisting of Fred H. Prather, chairman, Robert O'Brien, Marshall Salzman and Guy Steinweg, then selected the queen. Chairman Prather presented Miss Caroline Yeager, Queen of the Arx Dance, with an orchid corsage. Miss Yeager is the sister of William Yeager, senior M. E. This is the first time the architects have had a queen for their dances, and it is generally expressed that the Arx Dances in the future will continue the practice.

Chairman of the Arx Dance, Raymond Dodge, with his committee of Leonard Reinke, Thurber Stowell, and Eugene Pointel, are to be congratulated on their successful efforts to produce one of the most popular events of the year. The setting of the club provided a friendly and interesting atmosphere with its spacious lounges, grand ballroom, and wandering room. There was an abundance of room for the record-breaking turn-out.

Grunwald Begins Student Speaker Series for A.I.E.E.

Accompanied by weird musical tones, and phonograph records played backwards, Robert Grunwald on Friday, Oct. 27 presented the first of a series of student talks given before the Armour chapter of the A.I.E.E. The meeting, which was held specially in the electric laboratory, was so well attended that the sixty seats were filled almost at once, leaving standing room only.

The subject of his talk being "Electric Organs," Mr. Grunwald had two audio frequency generators and a phonograph hooked up to a cathode ray oscilloscope, so that the audience could see the waveforms as well as hear the sounds. After a few introductory remarks about the nature of sound, Grunwald explained the composition of musical tones. It is well known that notes of the same pitch coming from a violin, a piano, or an organ, sound different because of variation in their content of higher harmonics or overtones. But in addition the wave envelope form, the volume, and the choir effect play an important part in determining the "individuality" of a tone. All of these must be considered in the design of an instrument that is to synthesize musical sounds. Composition of sounds was demonstrated by mixing two pure sine waves of different frequencies to produce a complex wave. To show the effect of a change in wave envelope of a sound, some orchestra music was played backward on a phonograph.

Develop Electric Organ

In the electric organ the art of producing music from electrical impulses has been most highly developed. One great advantage of such an organ is apparent when the expense and bulk of a pipe organ is

(Continued on page four)

Salamander Holds Formal Initiation At Hotel Sherman

Salamander, the honorary fire protection engineering fraternity, held its annual formal initiation last night in the blue room of the Hotel Sherman. As is the custom at these affairs, there was a large group of graduate members present to witness the reception of Robert H. Harmon into the ranks.

Election to Salamander is held each semester from the men of the junior or senior classes. Only those men who have compiled a record of better than B grade work are considered eligible. In the fall semester the top man from the junior class may be elected, this being Robert Harmon's position. Also, any men in the senior class who are still eligible may be elected at this time. In the spring semester only the men from the junior class may be considered, the seniors having had their last chance.

At present Robert Maxwell is the president of the society, with Don Sunde, Gene Worcester, and Tom Hunter as the other officers.

Packard Gives Camera Fiends Golden Chance

All amateur camera fiends are urged to hurry to the Packard Auto Show and snap those beautiful gals draped over a Packard One-Ten convertible coupe. A unique photo contest offers camera fans rare opportunity for studio shots, for in a miniature studio where ideal lighting conditions are provided, feminine models selected from New York and Chicago are posed around a Packard Coupe at the direction of the fans. There are 26 prizes totaling \$650.00 besides the first prize "The Picture Packard" offered. The contest is open to all attending the Auto Show and any kind of a camera and film may be used, but no flash bulbs.

The Armour Eye has extended the dead line for entries in the Armour Eye Salon, Friday, Nov. 10, to 5:00 the same day, so that pictures of this nature may be entered. Don't forget that all camera enthusiasts of Armour are asked to come and hear the lecture on "Lenses and Shutters" given Friday, Nov. 10, in the Student Union.

Juniors Retain Form of Rule

Following the precedent set by junior classes of previous years, the class of '41 decided last Friday at their first meeting of the year, to adopt a commission form of government.

After a spirited open floor discussing the junior class voted a commission as the most efficient governing body for this year. Opinions were presented by numerous students, both for and against the resolution adopted. Led by Lionel Naum, whose suggestions, for the most part, were adopted in full, the discussion started slowly but soon gained momentum. When the smoke had finally cleared away, there were only ten students who desired to see the commission downed. The commission will consist of representatives from each engineering department, which will elect its own men.

According to the Constitution of the A.T.S.A., student board control, each class shall have one representative to voice his classes' opinions. This being next in importance, the meeting was turned over for nominations to this office. Seven men were nominated, three of whom will be chosen by ballot today. These three will be examined by the board, and one will be elected to this governing body according to the specifications set forth by the constitution.

(Continued on page four)

Nut's Dull Life Told in Story of Many Woes

I am a nut. But, O, pass me not by with such a slighting glance. For I am an unusual nut, yes, an especially special nut. I have lived for many years in the environment of many other nuts, yet, I am not like them. In other words I am a nut among nuts but, mark my words, not of them. Not that I wish to apply unjust terminology to the students of this venerable institution, but . . . well, after all, you must remember that I am only a nut.

Leads Strange Life

My life is a very strange one. I do not quite understand it. I wonder if some time somebody will please explain life to me. I am quite old and yet my mother . . . (sigh) . . . Oh, well. Day after day, at periodic intervals, I am thumped sharply on top with a queer long pole. Strange voices float around me. I am jabbed again, and again, and again. Goodness, haven't people any feelings. But, then, again I guess I am used to it all now. If only I could hear a little better. You know I am a little hard of hearing, I've been out in the cold so much. What's that the fellow's saying? O never mind. It's just the same old chatter. Sine, cosine, tangent . . . sine, cosine, tangent . . .

15.76 Above Datum

And then after they've thumped me a little more some cackling voice rasps out a number. I know it very well. Fifteen point seventy-six it is. Why shouldn't I know it very well. I've heard it for years and years. Giggly they shout it. So, I guess they must mean me. Fifteen point seventy-six feet. And then there's something

(Continued on page four)

"Brother Rat" Casting Ends

Casting for "Brother Rat," the first production of the Armour Players' present season, is nearing completion. Characters for the play, which will be staged sometime in January, will include many men new to the organization due to the large turnout for casting calls. Director Shultz is taking advantage of the large selection to pick the actors to fit the physical as well as temperamental qualities of the parts they are to portray.

Although technical plans for the production are still in a nebulous stage, the general requirements are well known. Differing materially in this respect from the plays produced at Armour during the last year, the play demands three complete stage sets and several changes in each act. This will necessitate an unusually ample stage crew as well as much work on design. All men interested in positions on the technical staff are urged to see C. H. Shultz or R. E. Underhill.

A.S.M.E. Presents Armour Graduate

"The Young Engineer in Industry" will be the subject of a lecture by John S. Townsend, a graduate of Armour, at the next meeting of the Armour chapter of the A.S.M.E. Friday, Nov. 10, at 10 o'clock in Science Hall.

Mr. Townsend is superintendent of maintenance of the South Chicago Works of the Carnegie Illinois Steel Corporation. As superintendent he supervises the work of mechanical and electric engineers throughout the plant. Through his wide experiences he has become familiar with many young engineers and has been instrumental in the solution of their problems.

Being familiar with all the processes and equipment at the plant, Mr. Townsend will be pleased to answer any questions, or explain the operation of the plant, which the Armour students inspected last semester.

Lewis Students Favor Merging of Institutions

"Beneficial to the entire Midwest!" "It's wonderful." "It doesn't make any difference to me." "We won't get the real effect until there is only one campus." These and many more like them were the comments of the Lewis Tech students, both male and female, which were given to your correspondent who spent the entire last week in Lewis Institute. Business majors, philosophy students, engineers, and of course home economic majors yielded these apt phrases. Those who were indifferent were either graduating seniors or straight social science students to whom the merger means nothing. The engineering students to whom I spoke were elated, they could find nothing wrong in the idea. While no one regretted the loss of the name Lewis, many of them felt that they would really experience no change until both schools were on one campus, and that then the best technical school in the middle west would be in existence.

One Objector

There was only one person to whom your correspondent spoke who was dead set against the whole plan, and who acted as though I brought up the subject of his mother-in-law when I questioned him about the consolidation. It seems as though he flunked out of this school last year and went down to Lewis. "I just flunked out of Armour, and now I'll soon be flunked out again" was the only audible muttering I could get out of him.

Summing up, however, it was very obvious that the plan was well accepted by the Lewis student body. Though they have no more real information about it than we have, they have complete confidence in the men who planned the merger and therefore feel that all that has been planned is no doubt, as Pangloss said, "For the best."

Announces Passes For School Games

An announcement has come from the business office that the athletic passes for the coming year are ready for distribution. Providing admission to all of the home games of the school teams and to the Armour Tech Relays in March, the passes are the property of every student.

All of the cards have been numbered to correspond with the registration numbers of each student. It is therefore necessary that one remember his number, so that no man will be cheated of his pass. It is highly advisable that calls be paid to the office at the earliest opportunity to avoid a rush in case of some big event.

This year the passes are printed on orange bristol board similar to the type which has been used in past years. The change to the new style has been made because of the difficulty experienced in reading the names on the cards when they were printed on a black paper.

Tau Beta to Sponsor Initiation on Thursday

Tau Beta Pi will hold a formal initiation of three pledges on Thursday, November 9, in the Student Union. The men to be initiated are Robert Bartusek, George Hanna, and Ralph Wagner. The pledges have been busy writing essays which will be submitted to the national contest.

A prize of \$5.00 is offered to the pledge submitting the winning essay.

After the initiation the members will indulge in a banquet at Block's Restaurant. The program for the rest of the evening is to include Cavelier Rusticana and Pagliacci at the Civic Opera House.

Armour Tech News Buys Public Address System For Speakers

Seniors Elect Bill Mackey President

Gentlemen, permit us to introduce the newly elected officers of the senior class:—President, Wm. Mackey; secretary, Charles Eulo; and social Chairman, Eugene Worcester. The selections for vice-president and treasurer are contingent upon the runoff to be held this week. The remaining candidates for these offices are Dan Shaver and John Catlin for vice-president and William Yeager and Lloyd Norkus for treasurer.

Close Balloting

It can not truthfully be said that any one of the candidates "carried" the election for his office either in the primary or even less in the runoff. 48 votes was the most that any one man received. The greatest edge that any of the leaders had over his nearest rival was twelve votes.

The selections for the first runoff as determined by the primary were the two men with the highest number of votes for each office. There were: William Mackey and Don Charlton for president; James Duncan and Charles Eulo for secretary, and Eugene Worcester and Harold Doolittle for social chairman. The offices of vice-president and treasurer were more closely contended than the others; hence, it was necessary to select the three top nominees. These were Dan Shaver, John Eggers, and John Catlin for vice-president and William Yeager, Lloyd Norkus, and Don Mackey for treasurer. Mackey and Eggers were eliminated in Wednesday's runoff.

The total number of candidates was greater than has been seen for quite some time. As shown by the number of final votes in last Wednesday's election, there are approximately 135 voting members of the senior class. Of these 35 were entered as nominees for the various offices of the class. Each department was well represented in every group of nominees. Mackey, Shaver and Worcester have all had experience as class officers in the past and the other officers have all had experience as officers in some capacity or another.

Battling Britisher Reveals a Life Story Celebrates Thirty Years Service in April

By Butch McGurkewater, Esq.

Stanley and Livingstone—how those names do cast our imaginations into the far dim past. Picture the wilds of the Congo, the wilds of 33rd street, the hockey play-off (Stanley cup, you dope), the famous Stanley Steamer. Picture the half-back plowing through the team composed of 10 colored players and one Caucasian. Picture anything you like, we've got



Stanley Livingstone

them all backed off the boards because, by gar, we've got Livingstone, the seeker, and Stanley, the Seeker, all rolled into one. The man

with whom everyone who goes to Armour becomes acquainted. That jovial gent where our money is spent, "Stanley the Livingstone."

How many of you can come with in ten, yes, I said ten, years of

Use Lapel Microphone, Mixer Circuits

Transforming the Armour auditorium to rank with that of any college auditorium in the city, the Armour Tech News is donating a new public address system to the school. Professor Sear of the Electrical Department has cooperated in the selection of the unit and anticipates delivery the first of the week.

Transmitting the speaker's voice to the tune of a 20 watt power output, the new system is 25 per cent more powerful than the old one and contains the very latest improvements in p.a. design and construction by Webster, one of the leading firms in this field. Operating either as a fixed or portable unit, the new sound system consists of the amplifier, two speakers, two microphones, and a remote control instrument.

Lapel Microphone

Offering considerable adaptability, one of the mikes is the crystal type with a stand, while the other is worn in the lapel. The remote mixer control unit is a new and valuable feature in p.a. systems. By means of this control an operator may seat himself anywhere in the audience and adjust the gain of the amplifier to the most suitable level for the comfort of the listeners. This should eliminate entirely all guess work to volume control, an especially trying problem when a shift from one microphone to the other is made. If the microphones are used simultaneously, their outputs may also be mixed by remote control.

Sports occasions, too, will benefit from this purchase. The new address system can easily handle crowds of from 3000 to 5000 people, and if used outdoors, can cover about 25,000 square feet.

The Armour Tech News has been enabled to purchase the "powerful little twenty watter" by means of funds from an advertising surplus. The total cost will amount to \$150.00. It was in this way that the moving picture and sound projector became an added factor of entertainment and education here last year. The old auditorium amplifier will be renovated and adjusted for use in Room 202M, a new lecture room of large seating capacity.

"Short Shark's" real age? Not many, I'll bet (no, I won't bet, they've closed the bookie). But for the sake of ye who yearn, the old maestro will be sixty years old on January the first. (Wonder if he is the guy who poses for all those New Year's cartoons?)

Stan first saw the light of day in Hull, Yorkshire, England. He migrated to this country in 1910, arriving on April 17th. Three days later he landed in Chicago and began work for the Armours. In those days there were flats all around Federal, 34th, Dearborn and 33rd, as well as in the lot we now use for parking. In all there were over 200 flats, a goodly number in any man's language, and at the time they were put up they represented the latest in everything.

Stan used to be located in what is now Mr. Koster's office, and acted as collector of the rents for the flats. In 1923 he was shifted over to the book store and has been there now going on 17 years. He's seen 'em go, but, believe it or not, he thinks the general Armour student is on the up grade. "They're lots nicer, now, than they used to be," says he.

Several hobbies occupy the time of the chief dispenser of supplies, among them being philately (collecting stamps, if you must know). Another is that cute little grand child of his. His greatest hobby, though, is watching the faces of the student's as they come in and ask for "A couple of quiz books, please."

Armour Tech News

Student Publication of the

ARMOUR INSTITUTE OF TECHNOLOGY

3300 Federal St.

CHICAGO, ILLINOIS

Published Weekly During the College Year

REPRESENTED FOR NATIONAL ADVERTISING BY

National Advertising Service, Inc.

College Publishers Representative

420 MADISON AVE., NEW YORK, N.Y.

CHICAGO • BOSTON • LOS ANGELES • SAN FRANCISCO

"Entered as second class matter December 8, 1937, at the post office at Chicago, Illinois, under the Act of March 3, 1879."

\$2.00 Per Year Single Copies, 10 Cents Each

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Educational Testing

Each afternoon one of the professors in the mathematics department spends his time delving into our mental capabilities through the crystal ball of the examinations with which we all wrestle upon entering Armour. He is none other than Dr. W. C. Krathwohl, better known to his students as "Uncle Willie," head of the department of educational testing. His work seems to us to be well worth a brief comment.

Testing of our students had a rather interesting beginning. Mrs. Orcutt, the present teacher of psychology, was searching for students who had never taken educational tests, as a part of her graduate thesis. Because most of the liberal arts students are tested at frequent intervals, they were unsuitable for her work. In her search for untested students she chose Armour.

As a result of this preliminary testing it seemed advisable to set up testing programs for the entire school. Dr. Krathwohl becoming interested in the project, induced President Heald to begin the tests on entering freshmen in 1936.

Results from this work have been most interesting. The first class to take the tests placed at about the middle percentile against all of the other schools taking the same exam. Since then the marks have risen steadily, until last year the present sophomores landed in the upper fifth.

Aside from raising the national standing of the Institute, more direct findings have been made pertaining to individuals. There are some students in every college who are quite smart and who have breezed through their secondary school work with little effort. This often leads them to poor study habits, and when they come up against a good, stiff jolt of college work they just don't know how to handle it.

It is in finding out who the very good students are and keeping tab on them, that the most valuable work of the educational testing department lies. In their check-up they can detect the man with good brains who happens to be doing poorly and find out the causes for his showing. Then it is possible to perform valuable remedial work.

Students applying for the annual freshman scholarships have felt the touch of the testing department. Examinations in previous years were of a subjective nature, involving problems and themes in which the judgment of the marker became a factor in the grade. Present tests are of the objective type, finding out many more facts through a greater number of questions and the grading is of an absolutely impersonal nature. Supplementary work on the Strong vocational tests has been given to students who volunteered to take them and were willing to assume the cost of their grading. These tests, based on personal preferences and reactions, are an attempt at determining whether a given person is in the profession most suited to his abilities.

All work of this nature involves an enormous amount of pains-taking attention to details. The rewards for all this care are small, as most of those who benefit by it directly, never realize what good it has done them. It has been a struggle to get all of the material, to gather the data, and then to apply it in the humanitarian way. For all this we congratulate this little recognised, but vital department.

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

Here I set an' fuss and fret,
While my seat is getting wet.
It's enough to make me fume.
Teacher can't I leave the room?
Why delay me when you know
That I simply have to go.
Honest, teacher, I'm not feigning;
My car top's down, and it is raining.

"Where did you get your lovely figure?"
It's very simple; I just eat dried apples and drink water."

"So what?"
"So they make my body swell."

Fraternity man one: Hello, Brown! Are you using your skates tonight?

Fraternity man two: I'm afraid I am.

Fraternity man one: Splendid! Then you won't mind lending me your tails and top hat.

"Hey, you guys! Where are you carrying that fellow? Is he drunk?"

"No."

"Sick, maybe?"

"No."

"Oh, just a gag, huh?"

"I know, he has dizzy spells!"

"Nope, been healthy all his life."

"Very tired, I guess."

"No."

"Well, what the hell is the matter with him?"

"He's dead."

"He's so dumb that he thinks the president of a sorority is called the neckerchief."

"*

Freshman to Miss Steele in Library: I'd like a nice book.

Miss Steele: Here's one about the cardinal.

Freshman: I'm not interested in religion.

Miss Steele: But this is a bird.

Freshman: I'm not interested in his private life, either.

"*

Hi Yo: May I kiss you?—May I please kiss you?—Say, are you deaf?

Rosemary: No. Are you paralyzed?

CENSORED!

In Old New England there was once a Puritan school house with a school teacher who, adverse to Puritan custom, wore her dresses rather short.

One day she announced to the one-room class that the following morning would be Parents' day, and the families of all the children would be seated around the room, getting an idea of what their tax money went for.

She urged the children to be on their best behavior so as to make a good impression on the parents.

The next day school was called to order with proud papas and mamas seated around the room. The teacher reached up to write a problem on the blackboard. As she did so Johnny spoke:

"Teacher, I see your garter."

"Johnny," said the teacher, "pick up your books, go home, and don't come back for three months." She turned to finish the problem, when Jimmy spoke:

"Teacher, I see both your garters."

"Jimmy," said the teacher, "take your books, go home, and don't return for six months." So embarrassed was the teacher that she dropped the chalk and, as she stooped to pick it up, Billy left the room.

"Billy, where are you going?"

"Teacher," said Billy, "I'm going home. My school days are over."

"*

Sweetie: Are you troubled with improper thoughts?

Me: Naw, I enjoy them.

Soph: Which would you rather do; kiss a girl in reality or kiss a girl in your dreams?

Frosh: I don't know.

Soph: You'd rather kiss her in her dreams.

Frosh: Why?

Soph: You'd get a better class of women.

"*

If there are any remarks as to quality or degree of laughability please send me in with your wash and we'll do both of them for the price of one....

"*

DAFFYNITIONS:—YOUR CAR

Choke: Funny story.

Clutch: See any girl friend.

Gasket: Home When you die.

Spark Plugs: High voltage horses.

Wiper: Form of snake.

Trunk: Past tense of drink.

"*

Fire Protect in Olsen's Class — Is water works two words, or is it spelled with a hydrant?

"*

Stewed: Egad, I'm thirsty!

Prune: I'll get you some water.

Stewed: Hey! I said thirsty, not dirty!

"*

It was raining out of doors,
It was raining, you bet!
The train pulled in the station,
The bell was ringing wet.

HI YO SILVER.

CO-OP NEWS

By H. E. Krantz

Political science may belong to politicians, but the junior co-ops recently put it to practical use to promote the interests of the class in Dr. Anderson's thermodynamics course. Dr. Anderson had hoped to induce the students to attend class for extra hours for the next few weeks, so that he might take a trip to New York during the eighth week of the present co-op term. The class claims that such a move calls for a return favor, namely: no homework or no final exam.

Quote Dr. Anderson: "It's against my better judgment and educational principles, but..."

Anyway, the whole thing is just a political promise (on both sides).

Henry Garvey, 4A, attended the recent polaroid lecture with something more than temporary interest. After the lecture, he carefully tucked away his polarizing lenses, convinced that some day in the future these unique spectacles would again serve him. Last Monday he proved that his conviction was well founded. Sitting to one side in Prof. Marin's civil engineering class, Garvey was unable to see the writing on the blackboard. Out of sheer curiosity, he produced his polarizing lenses and held them to his eyes—and to his very, very great surprise, the problem was solved.

Fred Johnson and Bob Piepenbrink, both first year students, were the first co-ops to be initiated into the Alpha Sigma Phi . . . A majority of the freshmen co-ops are enrolled in the dance club, indicating interests other than purely academic . . . Oscar Huntstinger vows he'll show up all the other frosh at the coming class dance to be held at O'Henry Park. The date has not been set yet . . . A slip-up occurred a few days back in Dr. McDonald's 1-A chemistry class. Four impatient students had cut class to join in a sociable game of ping pong at the fraternity house, but each man arranged for another student to answer for him in the roll call. Coming to one name in particular, the instructor was quite surprised to hear two strong voices answer "Present."

Would you believe it that Roman "Sophs" Mankus is pulling the old "sister" gag. The young lady involved is Margaret Wienold. Her phone number is Stewart 8820. Address and description given on request.

Some comebacks:

In logic class Prof. McColley asked Master Siedow, "where's the writing on your homework paper?" Siedow, quickly retorted, "It must have slipped off."



The 1939-1940 Armour social season got off to a momentous start Friday evening when was held the first of the year's big dances—the Arx Dance. It seemed like a record opening night, with well over 200 couples present. The music was tops, the Shawnee ideal, and the dancing mass of humanity seemed to be enjoying themselves. And true Armour tradition was upheld when BILL YEAGER'S "little sister" (CAROLYN) was presented with a corsage of orchids, symbolic of Queen of the Dance.

If anyone ever questioned the ability of the Armour boys in getting beautiful dates, they were certainly dispelled at the dance. From the editor's scrapbook comes the following combinations: Bob Mead with his version of Ann Rutherford — Marion Curtis . . . Gene Worcester with his bride of next June . . . Gus Galandak with his Viola . . . Bob McMahon with his smooth number, named Bonnie . . . Wayne Wolf (Yes, Armour has them) with Harriet . . . Newt Dickeroff with his girl called Jo . . . Jordan with Mary Louise, both looking very beautiful . . . Wally Johnson with his old flame and standby, June . . . Clarry Russnak tripping the quite light fantastic with Henrietta . . . Ray (Wedding Bells) Smessart looking moningly at Celeste . . . Don Charlton with Kay . . . Alice with Charlie McAleer . . . McAleer's very pretty sister Virginia with Freddie DeMoney . . . and Tom Hunter with his "Beauty Queen" Margie . . . Bob Abramson and his date Louise . . . Brinkman and a very classy number answering to Betty . . . Sig Mentzel and the old faithful Marge . . . Frank Lasker with a girl with a girl affectionately called "Butch" and a very nice "Butch" at that . . .

Lurez and his Molly . . . O'Connor going gaga over Loraine . . . Joe Rismay with the dream in blue, Dorothy . . . Art Hansen with the blonde birthday girl, Mary Jane Scott . . . and "Little Dynamite" Charlie Eulo with the "Queen of the Ball" Carolyn Yeager . . . The other good looking gals and their boy friends would take a volume to fill. But all in all, they were "the best!"

(Continued on page four)

RIGHT OR WRONG?

Senior, Junior Mechs Triumph; Senior Elects Continue To Win

Soph Civils Win Two; Senior Chems Out

Undaunted by the fact that they were playing a team composed mainly of football stars of yesteryear, the junior mechs broke through the defense of the graduate team to score a 12-0 victory.

Early in the first half, the mechs found themselves on the ten yard stripe after a series of passing plays. On a fake end run, Knorring tossed a bullet pass to Erickson in the end zone to put the mechs ahead. Despite effective blocking by Crawford, the grads could not get started and the half ended with the mechs on top 6-0.

The second half was a repetition of the first with the grads failing to get far on their long passes. Long passes seemed to be the order as both teams tried to score. Finally Krause tossed a long one to Erickson who gobbled it up and sped over for the last score of the game. The try for the extra point was stopped as the pass was incomplete, and the game soon ended with both teams stopping the other's advance. This win placed the juniors in a tie for first place in the tournament as it was their third win against no losses.

Civils Win Two

Despite the disadvantages of snow and mud, the soph civils went on to win their second game of the tournament by defeating the junior civils, 20-14.

With a fierce rushing line and a fool-proof pass defense, the soph civils toppled the mighty soph mechs 7-0 last Friday. The score came in the first half when Esterle intercepted a pass. Behind perfect blocking, he ran the remaining third of the field for the touchdown. A pass from Esterle to Butkus made the score 7-0.

Despite several runs by Bell, the mechs were stopped cold. Not once during the entire game did the mechanics invade civil territory. While the mech's offense was halted, their defense proved to be almost perfect. Even the "arm in the sling" trick of Pleva failed to click. However, it was the mech's failure to advance when they had the ball that caused their defeat. The civils, led by Esterle and Minwegen, came close to scoring in the last few minutes of play, but a tight defense snuffed out the rally.

F.P.E.s Whip Chems

By defeating the senior chemicals last Friday, 20-0, the junior fire protectors maintained their role as the dark horse in the touchball tourney.

Early in the first half the juniors took the lead as Hrubes blocked a

Touchball Schedule	
Tuesday, 9:00—Sr. ME vs. Fresh Co-ops.	
Tuesday, 12:00—Sr. EE vs. Soph CE.	
Tuesday, 2:00 — Jr. ME vs. Jr. F.P.E.	
Wednesday, 12:00—Jr. ChE. vs. Soph ME.	
Thursday, 12:00—Sr. EE. vs. Jr. ME.	
Friday, 12:00—Sr. ME. vs. Soph CE.	
Grads vs. Jr. F. P. E. (to be scheduled).	

senior punt near the goal line, and DeMoney beat Charlton to the ball in the end zone to mark up six points. Lange snagged the pass from Hrubes to add another point. A few minutes later the firemen countered again as Hrubes intercepted a pass and went over for a touchdown behind effective blocking by DeMoney. The Hrubes to Lange combination again scored the extra point. The chemicals, starting a belated drive, were stopped as Mahn intercepted a pass to end the half.

In the second half, the fire protectors played defensive ball, although Doolittle and Sher completed passes for sizeable gains. Mahn set up the last touchdown of the game as he recovered Natinechek's fumble of a punt. A running play followed carrying the ball to the ten yard stripe, and on the next play Mahn caught a pass in the end zone from DeMoney for the final score.

Herb Headed For Big Season—Sher

Returning for his fourth year of basketball at Armour, Herb Sher will be seeking his second major letter. Last year Herb alternated at guard with Joe Janicek and Hank Sliwa long enough to become one of the six junior major lettermen.

Herb, a graduate of the maroon and blue of Calumet, is a senior chemical and one of the most active, athletically. Entering in February, Herb had little chance to play with the freshman but still played enough to win his numerals. In his sophomore year, he was a sub guard on the basketball team and played third base for the soph chems, finalists in the softball tournament. Herb was cleanup hitter and he could really power that ball. Last year the bookstore reservist, earned his major letter and was one of the members of the team that made the Detroit trip.

In softball, he switched to left field where he played for the runner-up junior chemicals, the champions of junior week, and the school softball team. He managed the latter two.

Leonard, Shaver Score

During the recent blizzard at Ogden field, the senior electrics continued their march for the touchball crown by defeating the senior civils, 12-0. This loss eliminated the civils from the tournament.

Both scores were made in the first half. After the civils had lost the ball on downs, the juicers started a concentrated attack. Short passes by Rehwalt riddled the civils' defense. Then Rehwalt dropped back and threw a goal-line to goal-line pass into the waiting arms of Leonard. The pass for the extra-point was knocked down.

After this score, the Pennboys began to open up with an aerial attack. However, Shaver grabbed a short flat pass, and behind a quick forming interference, sped down the sidelines for the final score. The second half witnessed a general lapse in both team's offense, and the score remained the same.

His favorite recreation, beside being with Rita, and listening to Bonnie Baker, is watching the characterizations displayed on the silver screen. His favorite actor is Charles Laughton, and the female star, Zasu Pitts.

Asking Herb what he expects this year in basketball he replies, Ain't I in shape? Just watch me go."

'Sonny' Selects Top Wrestlers

If numbers are any indication, the wrestling situation at Armour should be the best in years. More than a hundred groaners have sweated their all for Coach Weissman, and from this number he has named a group of 27 men as team potentialities.

This panel, with eight classes, includes Siew and Kreydick at 121, Till and Cole at 126; Harrison and Wasileks at 135; Hanna, Baum, and DeBoo at 145; Nigrelli, Butkus, Walmark, and Mustakas at 155; Kazmierowicz, Johnke, Zemaitis, Johnson, and Roberts at 165; Jensen, Hurwitz, Golden, Resauy, and Willman at 175; Balsewick, Rosenberg, Peterson, Pocius and Sanowskis in the heavyweight division.

Hurwitz from Tilden

Hurwitz, an outstanding matman from Tilden, placed third in the 1939 Illinois state meet and Golden, showed unusual powers while at Crane.

A tentative team is to be chosen from this group within a week or two, and the final roster will be picked by challenge. Any and all who feel their ability underrated will be able to substitute deeds for action and wrestle their way to a berth.

Two meets have been definitely arranged so far. Opposition will come from Case on the 2nd of February and from Herzl on the 5th of December.

Among the experienced campaigners in the boxing department, Coach Weissman looks for the victory touch in veterans Capt. Colant, and Collins, DeGiorgi, Erickson, H. Kruse, Mankus, Peterman and Rehwalt. Unfortunately Russnak, a promising newcomer and former CYO star, will be unable to strut his stuff for this semester, at least.

No meets have been definitely fixed but several are on the string and a match with Loyola in the early season appears probable. The boys from both schools will put on a boxing show, if this tentative plan is adopted.

Cagers Receive Tongue Lashing, Stiff Workout in First Practice

Coach To Drop Loafers

After listening to a fiery discussion of last year's record, the Tech-hawk basketball squad, about forty strong, went out to the armory and were practically run into the floor in one of the toughest first night practices Armour men can remember. Friday morning saw the cagers limping and moaning to classes and wishing life was kinder.

Bench Warmers Warned

In the meeting Wednesday, Coach Stenger, after giving instructions on routine matters, ripped into last year's men with the warning that if they didn't take a different attitude their position on the team would be open to newcomers. Mr. Stenger placed the blame for the poor spirit on the bench warmers, maintaining that the men playing had the spirit but the fellows who didn't play had not.

Effects of the meeting were noticed at the practice Thursday when the cagers shed pound after pound trying to keep up the pace. It is a certainty that if the present rate is maintained, the players will be in shape.

New Men Small

With few exceptions the newcomers are all small in stature but fast and shifty. This is in step with the veterans, none of whom are considered tall other than Rudakus, a 6 foot 2 center. This lack of height is made up by the drive of most of the vets and several of the newcomers.

Practice is continuing on a three day a week basis until the middle of the month when daily practice will be invoked.

Twill be so until the Christmas holidays after which the Techawks will get a vacation since no games are scheduled during the holidays. Another rest will come on Jan. 19 when final exams compel a halt in the practice.

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TOBACCO'S temperamental! Its elements of flavor and aroma are delicate... fragile.

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And that luxury not only doesn't cost you more...it costs you less! Simple arithmetic shows you how slow burning also gives you the equivalent of 5 extra smokes per pack! (See panel at right.)



A prominent scientific laboratory recently made impartial tests on 16 of the largest-selling cigarette brands. They found that CAMELS BURNED SLOWER THAN ANY OTHER BRAND TESTED—25% SLOWER THAN THE AVERAGE TIME OF THE 15 OTHER OF THE LARGEST-SELLING BRANDS! By burning 25% slower, on the average, Camels give smokers the equivalent of

5 EXTRA SMOKES PER PACK!



FAST BURNING
—creates hot, flat taste in smoke... ruins delicate flavor, aroma...

SLOW BURNING
—protects natural qualities that produce mildness, thrilling taste, fragrance... a cooler smoke...

Dr. Myril Reed Writes New A.C. Current Text

Dr. Myril Reed will present to members of the scientific profession at large, and those interested in engineering, his second book on the theory of electric current, but the first on the analysis of alternating effect.

When finished, "Fundamentals of Alternating Current," will serve as a text book for use in undergraduate schools. At present the book is about two thirds complete, but with regard to preparation and preliminary ground work, it is virtually finished.

Though a publisher has not been decided upon, the author has signified his readiness for printing "some time next spring."

The book's thesis employs for its method a development of matrices as an analytic approach to the theory of alternating current. Dr. Reed has indicated his structure will be of a fundamental yet exclusive form, and as most texts, will be well within range of intelligent students.

Freshman Disinterest Halts Class Activity

Only a very small sprinkling of members of the class of '43 were in attendance at a meeting held on Nov. 3. This lack of cooperation is to be deplored, according to Bill Lease, class president, as its inevitable result will be lack of opportunities for freshman to participate in school affairs. So small was the representation at the meeting, that no action was taken on current business, there being no quorum. Bill urges freshmen to watch the bulletin boards for an announcement of the next meeting.

NUT—

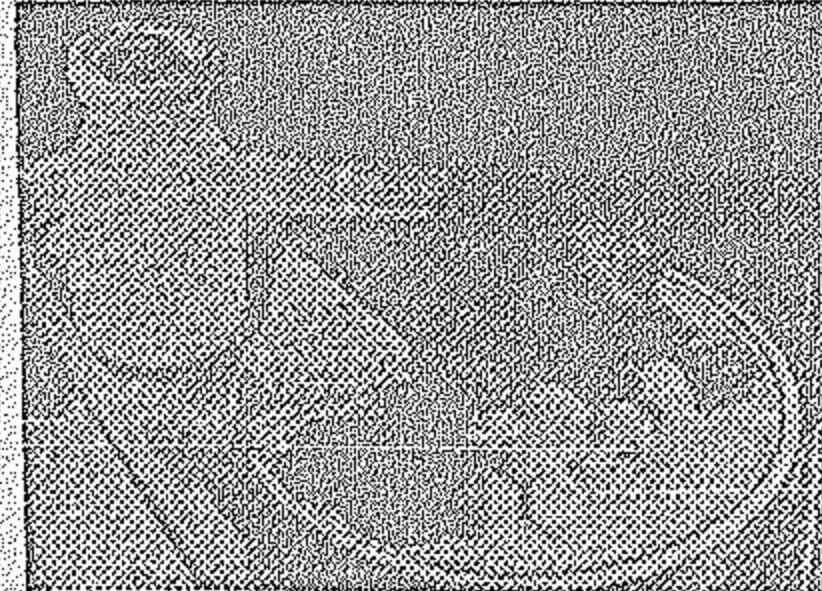
(Continued from page one) about a datum line. Just because I'm on a fire hydrant is no reason to talk pigeon English at me.

Some one will then holler about "allowable error" and how "some point must have slipped." It is all so confusing to me. More jargon about plus sights and minus sights, moving targets, and how hard it is to get the bubble in the middle of the tube. Why must they talk such stuff around me?

Related to Bench Mark

And then, after while I'm alone . . . alone, yes, with memories. Yes, I am a nut with memories . . . memories of years gone by. And through it all ring other words. Fourteen point eight zero zero, fourteen point eight zero zero, fourteen point eight zero zero, floats in the haze about me. What a pretty phrase. Some other nut perhaps, or maybe just a point. It's not very far. They say it's on Princeton, 200 feet south of 35th. She's on the datum line too, or above it, or something. So near, and yet so far. O, how I would like to see this other point. I, too, am lonely. Although I am a true nut, they insist on calling me a point. If fourteen point eight zero zero is a point, maybe after all it may be quite nice. Dear little fourteen point zero zero, I wonder if she's lonely too. Why must it be that forever I am doomed to live out my little life outside the Physics building, a gloomy place I think.

If, some day when I am chipped and cracked and rusty, I wonder, if, when my useful days are over. . . O! please lay me down beside sweet fourteen point eight zero zero. Together, the datum line may not seem quite so hard to bear. After all, we are just a couple of commonplace items in the lives of every surveying class.



The ideal school lunch—a bottle of fresh Grade A milk, a vegetable and a hot nourishing main dish.

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WITH EVERY MEAL**

FRATERNITY NOTES

Phi Pi Phi is not on the campus any more. On Saturday, October 28, some thirty-five former Phi Pi Phi alumni and four pledges were the guests of honor at a banquet held at the Auditorium Hotel. This banquet was held to celebrate the official absorption of The Armour Chapter of Phi Pi Phi into Alpha Sigma Phi. Now the house is officially Alpha Xi chapter of Alpha Sigma Phi. President Heald, and Professor Harris were introduced as speakers by toastmaster Norman Root.

With the ban on pledging of freshmen being lifted, Pi Kappa Phi pledged Jack Zolp, and Phi Kappa Sigma pledged Earl Foster, Allan Gullborg, and Frank Hull.

Alpha Sigma Phi beat Pi Kappa Phi 6 to 0 in the play-off of their tie game in the interfraternity touchball tournament. The game featured excellent pass defense on both sides. To try to redeem their honor on the field Pi Kappa Phi took on the Davey Boosters Friday morning.

Interfraternity sports manager Sweeney has finally been cornered and forced to release a tentative schedule. This schedule calls for the completion of the present touchball tournament by Saturday, Nov. 17. Ping pong and bowling are scheduled to start as soon as the football tournament is over, and to be completed before the Christmas holidays. Basketball is to start as soon as the vacation is over. This schedule is subject to the approval of the interfraternity council.

Gamma Beta of Delta Tau Delta shoveled out the corn and the other decorations from their Halloween party to make the house presentable to the alumni for their regular get together on Friday night.

STEAM SHOVEL

(Continued from page two)

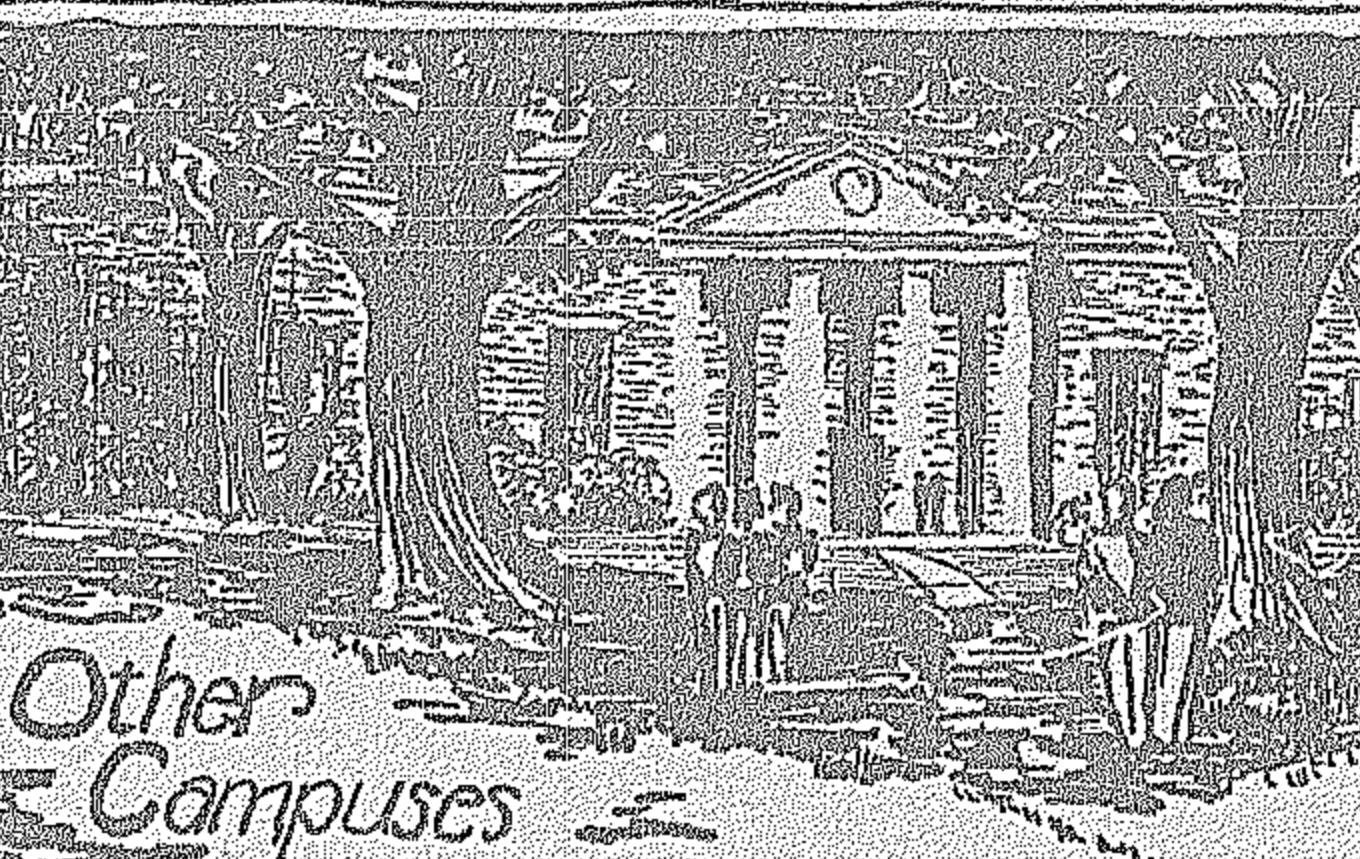
Sorenson and Heller, the Rialto twins, are still at it. It has been suggested that they try pitching a tent in the lobby.

Al Schreiber, publicity agent, must be thanking his stars that a Snow Cruiser isn't turned out everyday. During the presentation of the massive structure, he lost something like six pounds, received many packages of cigarettes (he doesn't smoke), and to top it off, he wrecked his car while rushing around. You should have seen how Al was tossing autographs around.

In Economics Prof. Dutton asked Clarence "Brain" Laskowsky why he wasn't present at the previous class. "Brain" retorted that he was present but an hour late.

If you peek over Nick "Baile" Coulia's shoulder any time, any day, you'll find him writing to a petite little mademoiselle in France.

Prof. Davey claims the Pi Kappa Phi touchball team is "chicken." Reason: they didn't show up for their scheduled game with the Boosters.



Other Campuses

By Charles Schultz

Pharmacy students at Minnesota University raise their own drug plants for purposes of investigation, but it is quite generally known that a beautiful co-ed can run up an underclassman's heart beat much higher than a juicy shot of digitalis.

The average freshman co-ed is seventeen.

Jimmy Wilson, Emory University, took his degree with only one B grade, shattering the scholastic average of his father who had held the record since 1909 with an average of 97.50.

The enterprising business manager of the Texas Christian College annual obtained all the student's pictures by dropping 2,000 pamphlets from an airplane persuading them to turn in their photos.

A vast majority of college students claim that blind dates are risky, but with typical American optimism turn around and readily snap them up one-hundred per cent strong.

In cooperation with U.S. universities, the Boeing School of Aeronautics is granting four United Air Lines scholarships to American college students.

Co-eds have also entered the U.S. Flight Training courses being given throughout the country.

Egon Hanfstoengl, son of the one-time press head of the Third Reich, is a student at Harvard University.

Mrs. Cora Coyner, an ancient alumna of Kansas Teachers College, recently returned to the scene of her youth and inquired if the Student Union sold beer. It seems she was worried about the effect of the changing times on the unprotected student! Incidentally, they do not sell beer.

A growing fad among the co-eds of our colleges is to bend their baby spoons into bracelets for day wear. Maybe this means they're in the mood for spooning.

Ann Sheridan has refused to attend Princeton's "Tiger" dance. Maybe she's playing "hard to get!"

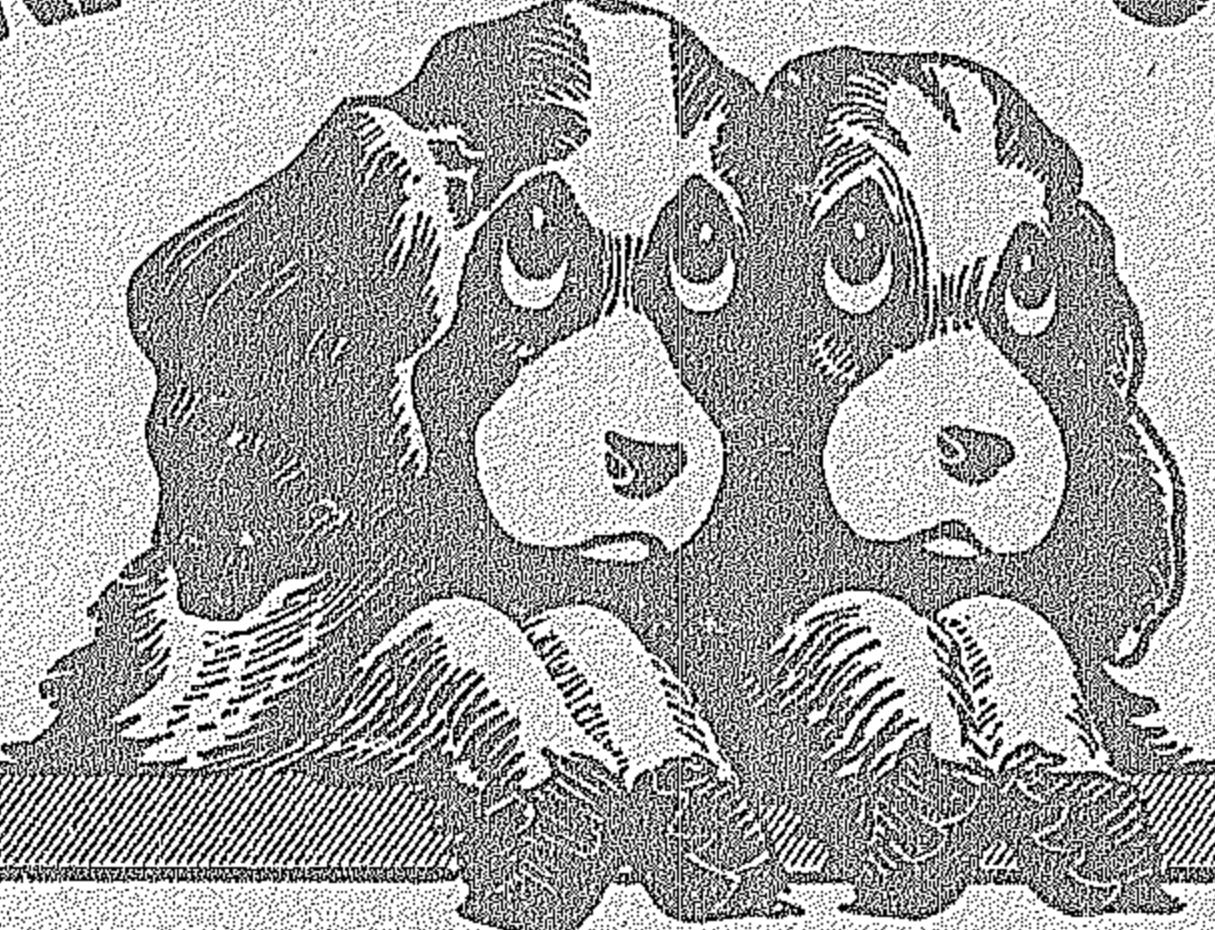
A. I. E.—

(Continued from page two) considered. An organ may contain as many as 10,000 pipes, some of which are sixteen feet long, whereas the electrical instrument fits nicely into an ordinary parlor.

Purely electrical and electro-mechanical types of organs were next discussed. Some of the working

parts of a Hammond organ were passed around the group for inspection. The lecture was then turned over to Mr. Kent, who showed slides of the different electronic musical instruments, and explained the more technical phases of their operation. Mr. Kent is an authority on this subject, and has been granted several patents on electric organs.

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