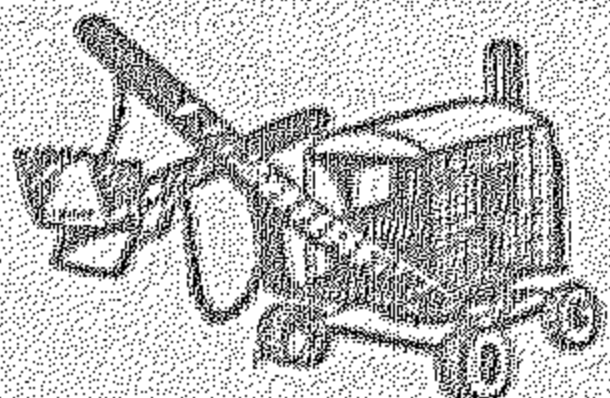


A. I. Ch. E. HEARS TALK GIVEN BY MR. CLYDE HUNT

A. I. Ch. E. members last Friday, January 6, at 10:00 a. m., heard Mr. Clyde A. Hunt, of the Jahn and Olier Engraving Company, in a talk on photography and photoengraving. After being presented, Mr. Hunt made a few introductory remarks and then launched out on his subject, the chemistry, or rather the "technology" of photoengraving.

Photoengraving employs light to make prints on metal by chemical means. In the process a photograph is first taken on a special sensitized glass plate of the original photograph or diagram to be engraved. A modification of the ordinary camera is used for this. Then by various chemical processes an imprint on metal is made of the image on the glass plate. A special screen is used in conjunction with the lens in the camera to enable half-shades, between black and white, to be reproduced on the print.

THE STEAM SHOVEL



Welcome, Steam Shovel fans! Your new ed will keep the dirt flying for another year. Don't forget, any info about your fellow classmen is always acceptable, so here goes.

Last we forget, in the last issue, the following headline appeared, "Armour Riflers Defeat Appleton in Second Match". Rifler, defined, is a robber. Let's hope the News had good intentions, anyways.

Merle Brockman is in market for a new girl friend.

Last Wednesday morning found the student body at classes bright and early, ready for a rest after the holidays.

What, rodent culture? So it seems. For the twentieth general literature class was distracted by the antics of a MOUSE on the stage (behind the professor).

"Spike" Suman was seen ice skating in his bathing suit on New Year's day. We wonder if he has stooped to such levels as to join the Polar Bears or something.

As JOHN PASLAWSKI saw the solution to the juke problem, he exclaimed, "I have it in a nutshell."

Though our carolers are not professional, they received three cents in their two days of singing.

Marshall Nystrom expressed his class spirit (freshman) when he said, "We may be pansies in the morning, but we're men in the afternoon."

This week's honor roll! Bill Gilmore returned to school last Tuesday—just 2 1/2 hours early.

Our undercover man reports that ROLLAND McFARLAND tried to smoke a cigar wrong and to, without much success.

Professor J. Peebles to Apply for Patent

In the past few months Professor Peebles has been experimenting with methods of insulation in refrigerators. The use of rigid metal sheets for insulation in refrigerators instead of the ordinary forms of insulation has been the main phase of his experimental work. The main advantage of the thin metal sheets is that radiant energy is reflected from the sheets.

In the use of metal sheets instead of other forms of insulation, Professor Peebles has had very satisfactory results. A number of commercial refrigerators using the principle of thin metal sheets for insulation purposes have been tested in the laboratory, including a number with other forms of insulation and the use of thin metal sheets is in no doubt much better for insulation purposes. Patented applications have been filed and Professor Peebles is now awaiting the results which he expects in the near future.

Dunn Speaks at A. I. E. E. Meeting

Mr. William Dunn, formerly assistant chief engineer at the Grigsby Grunow Company, spoke before the A. I. E. E. at the meeting of December 16, 1932. He dealt with the methods used in comparison of the various units in a radio receiver with a standard and explained the theory and applications of the gain tests which are the criterions of receiver sensitivity.

It is interesting to note that the performance of a radio set can be set down according to conventions in a manner which will enable the engineer to make authoritative and correct selections of the apparatus required for any particular use. Mr. Dunn explained the function of pre-selective circuits in a super-heterodyne and the detrimental effect introduced by the presence of image frequencies. From there he went into a discussion of intermediate frequency amplifiers and the methods of coupling employed.

Explains Gain Tests

Side-band cutting due to excessive sharpness of transformer tuning was given as a cause for distortion in receivers having a good audio characteristic but a poor overall curve due to the factor named. The speaker gave a summary of the methods of calculating total gain for standard output from the measured amplification of the separate units, the measurement being given in decibels.

Mr. Dunn is at present working in a consulting capacity as a partner in the firm of Arnold and Dune, radio engineers.

Faculty Tourney Approaches End

(Continued from page 1)
sors Schommer, Swineford, and Mr. Kelly are the scratchmen, they being scratched at 40. Mr. Kelly is the only scratchman who successfully completed the first frame.

Results of the first frame are as follows: S. Bibb won over G. Allison, W. Colvert over H. Enst, E. Freund over R. Foster, E. Grafton over H. Haggard, W. Hendricks over H. Heald, E. Kelly over C. Larsen, E. Libby over C. Leigh, H. McCormack over H. Nickman, C. Nash over J. Peebles, N. Peterson over R. Perry, W. Seagrist over A. Sear, J. Snow over W. Spenter, V. Teach over C. Swineford, C. Tibbals over J. Thompson, and G. Wilcox over S. Winston.

Second Frame Progress

Standings in the second frame are as follows: S. Bibb won over W. Colvert, E. Kelly over W. Hendricks, E. Libby over H. McCormack, V. Teach over J. Snow, and C. Tibbals over G. Wilcox.

Final standings of the Tournament are being watched for and they will appear in full in a later issue of the News. May the best man win!

It is with regret that we note the passing away of Raymond Pleisner's father. Mr. Pleisner died very suddenly December 31. Ray, your friends and fellow students extend to you their sincerest sympathy.

George Roubanic and Charles Schmackel also lost their fathers over the Christmas holidays. To them we also extend our deepest sympathy.

Fraternity Notes

SIGMA ALPHA MU

The fraternity got together for a New Year's Eve party that was held at the home of Fra Orville T. Barnett. The usual foolishness was indulged in with fair young damsels to brighten the surroundings with their many colored frocks.

Believe it or not but Fra Alvin Auerbach '31 is now working for the Cook County Emergency Relief-Federal and he says that he will continue working on the depression side until the engineering side gets on-top again.

Former Prior Alvin H. Hoffberg is enjoying married life and selling insurance.

BETA PSI

The Saturday before vacation the brothers enjoyed the annual Christmas dance. A small crowd and a good orchestra made a fine wind-up for 1932 dances.

We regret to hear of the death of Charles Schmackel's father. Our sympathy is extended to Charles and his family.

Brother C. H. Hestetter, '31, was married in a Christmas Eve ceremony.

DELTA TAU DELTA

The Mother's Club held its January meeting Sunday with a large number of mother's in attendance. This meeting was set aside as Father's Day and a large number of dads came to the house for the afternoon. This is the first father's function and both mothers and fathers agreed that the plan, although novel, was a good one and are anxious to have it repeated.

THETA XI

Alpha Gamma of Theta Xi announces the election of the following officers for the coming semester: President, J. A. Larson; Secretary, W. G. Scharringhausen; Treasurer, R. L. Ellis; Steward, L. C. Willis; House Manager, J. L. Brenner; Corresponding Secretary, K. M. Hanson.

The formal dinner dance held at the Chapter house on Friday evening, December 16, was a great success. There were twenty-six couples in attendance and the music was furnished by Dorf's Alumni Band.

Brother Frank B. Hoehl, a graduate of Carnegie who has been living at the house, was married on December 26. The bride was the former Miss Marian Sawin.

TRIANGLE

After exchanging holiday greetings we're now in the swing of school for the 1933 session. Perhaps the present most appreciated by the fraternity was the return of the tennis cup which had been taken from the mantle during last summer's vacation. We thank whoever it was who returned it by way of mail.

The annual snowball dance was held the last day of school of 1932 and was attended by more than sixty couples.

Brother Chuck Chandler took the step and is now the husband of the former Miss Maria Damamego. The ceremony was performed in Indianapolis on December 11, Brother Christiansen being best man.

PHI KAPPA SIGMA

At the semi-annual election held at the last regular meeting the following named men were elected to the designated offices:

Armour Manuscript Inspected by Visitor

The Reverend Father George Lacombe visited the Institute recently to examine an Aristotle manuscript which is in the possession of the Armour library. Dr. B. L. Ullman of the University of Chicago, also inspected the manuscript.

Father Lacombe is directing a comprehensive project for the study of all medieval Latin translations of Aristotle on behalf of the American Council of Learned Societies. The particular manuscript at Armour which he wished to examine was a sixty-four leaf document on politics and rhetoric. At present, he is making the rounds in the United States and Canada, obtaining data.

Carroll K. Simons—President
Carl H. Sachs—Vice President
George W. Whenton—Recording Secretary.

Edward O. Dase—Corresponding Secretary.

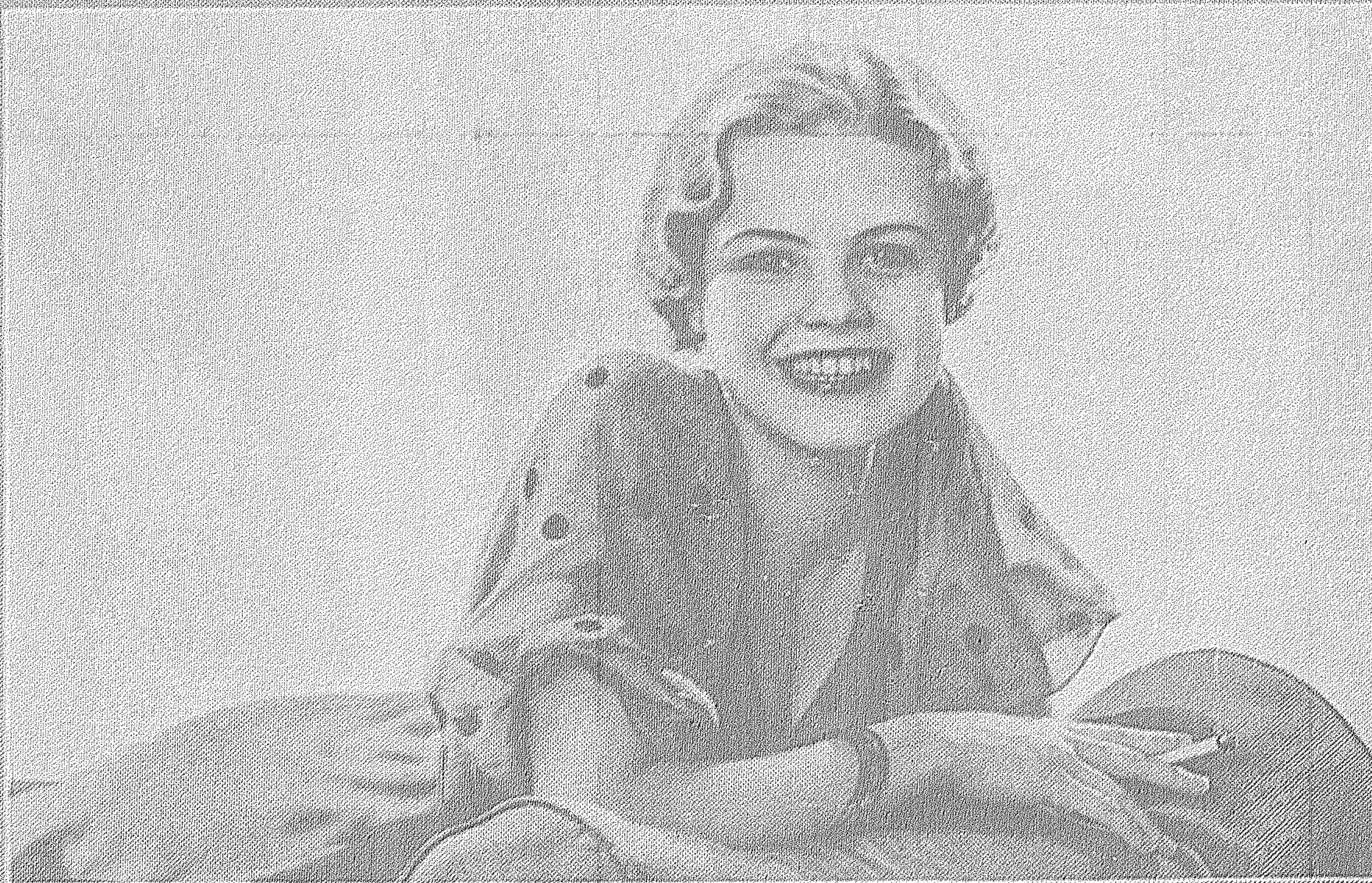
Louis W. Bigler—Treasurer.
Willard C. McCarty—Social Chairman.

Our annual New Year's Eve Formal Dinner-dance was well attended by the actives and pledges and some of their close friends. Among the alumni attending were Dean L. Banta, '30, Claude W. Crose, '27, and Lawrence W. Wilson, '27 and his new spouse.

Reduced Prices

HALF SOLES 50c up
RUBBER HEELS 25c

M. Schwartz Shoe Repair
117 E. 35th Street



When I like something I evermore like it!

THEY'RE Milder—
THEY TASTE BETTER



—and I like CHESTERFIELD Cigarettes.
To me, they are mild—that is, they don't seem to be strong; and there is certainly no bite, so far as I can tell.
To me, they taste better and they have a pleasing aroma.

Every CHESTERFIELD that I get is well-filled, and I feel like I am getting my money's worth—that there is no short measure about it.

I like CHESTERFIELDS. They satisfy me.