

Air Conditioning Topic for A.S.M.E.

Friday's meeting of the A.S.M.E. was made interesting by a talk on the use of water as a refrigerant in modern air conditioning systems. The speaker was B. L. Messinger, a senior who hopes to enter that field upon his graduation.

Of the two methods in use one has proved to be unsuccessful in the Chicago area, but has worked well in the region of Arizona. The reason for this is that dry air of Arizona is able to evaporate and carry with it more water than the damp air of Chicago.

The other method, now being used quite extensively in both unit and air washing systems, is one of particular interest. It makes use of the low boiling point of water under the pressure of one-half an inch of mercury. The boiling point of water at this pressure is about forty degrees, and is sufficiently low for use in air conditioning. In the unit system this water is circulated in coils, through which the air of the room is blown. In the larger systems the cold water is sprayed into a washing chamber through which the air to be conditioned is blown. This air, after being saturated with moisture for that temperature, is mixed with unconditioned air and is then circulated through the building.

Messinger's talk took up most of the period, leaving insufficient time for H. L. Mayerowicz, the other speaker of the day. However, the latter's subject will be heard at the next meeting.

Seniors Present Informal Dance

Last Friday night marked the successful opening of Armour's social season as the seniors held their informal dance at the Shoreland Hotel. Bill Paden's 10-piece orchestra provided superlative music for the more than 150 couples present. The beautiful setting of the Crystal Ballroom heightened the enjoyment of the evening.

Because of the fine work of the social committee, of which W. A. Trudelle is chairman and of which J. J. Ahern, L. A. Cullen, M. C. Forsyth, F. J. Meyer, J. M. O'Connor, and R. H. Wittekindt are members, there was a smooth functioning of the details. The chaperons, Dean and Mrs. Heald, Professor and Mrs. Finnegan, and Professor and Mrs. Ensz, made the evening a cordial one. Enough bids were sold for the affair to cover the expenses incurred and to enrich slightly the class treasury. The success of this will make the social chairmen of the other classes sit up and take notice. At any rate the sophomore social chairman was there to take notice.

Present plans indicate that the sophomores will hold their dance after Christmas. The freshmen plan a smoker shortly after the beginning of next semester, while the juniors plan to have their dance January 11, 1935.

Penn and Snow Talk Before Camera Club

Interest in the Camera club is not lacking among the students at Armour, but a lack of consistency in attending the weekly meetings is in evidence.

Last Tuesday Professors Penn and Snow related some of their experiences in this field. Slides of early Armour sights were presented by the latter, while the former spoke of his experiences while taking pictures in the Tropics.

At each meeting general discussions on cameras and prints are held, while many added features are to be displayed on other occasions.

All meetings are held in the Electrical lecture room at five o'clock and last for an hour at the most. The club wishes to make an appeal to the interested students to attend meetings regularly so that some definite program may be launched for the future.

Many beautiful pictures are being prepared for the club's exhibit at open house. Judging from past exhibits, the next display should be particularly appealing to both students and visitors.

Executive Club to Hear Music Clubs

Christmas Concert to Be Given Dec. 19

Members of the Executive club, meeting at the Hotel Sherman at noon next Friday, will be entertained by the music and the songs of the Armour Tech orchestra and Glee club. This concert, like that for the Rotary club last Tuesday, is a return engagement.

The annual Christmas concert will be presented in the Armour Mission Wednesday morning, Dec. 19. As in the past, visitors are welcome to attend this presentation, although it is mainly for the student body. In anticipation of these two approaching concerts, several new selections are being earnestly prepared.

Another feature of the week before the Christmas Holidays will be the singing of Christmas songs by a group of Glee club members in the several campus buildings.

In regard to the recent concert for the Rotary Club, Mr. G. Erickson, director of the Musical clubs, received a letter of appreciation and thanks from George L. Treadwell, secretary for the Rotarians. The weekly paper of the Rotarians, "The Gyration," reported the concert as follows: "A truly remarkable entertainment program, both vocal and instrumental was staged by the Armour Tech Glee Club . . . and forty piece orchestra, all under the expert direction of Mr. Gordon Erickson. The orchestra regaled us with appropriate selections . . . and the Glee club rendered a number of delightful songs with all the rhythm and harmony of professionals. It was a real treat to hear and see this fine group of gifted young men. . ."

Faculty Women's Club Will Meet Tomorrow

Tomorrow afternoon the wives and daughters of the faculty members of Armour will hold a tea in the Faculty Club rooms. This will be the last meeting of the Women's club this year, so the Christmas theme will be carried out.

The faculty Women's club was organized to promote understanding and friendship among the wives of the faculty. This club cooperates with the Faculty club in various ways. They have a meeting on the second Wednesday of each month.

Anonymous Donor Befriends Library

Five books of fiction were donated to the library last week by a member of the faculty who wishes to keep his identity secret. This action was very welcome to the library because of the fact that its funds are very limited.

The selection of books in this latest donation shows a knowledge of the problems of a library in a purely technical school such as Armour. Too often, the great majority of books are highly technical and specialized. While this is of course necessary, the Armour library being primarily for reference of engineering students, the need for broader reading is being recognized. The popularity non-technical books have enjoyed in the past proves that the student body thoroughly appreciates this fact.

The titles of the recent additions are "The Babyons" by Clemence Dane, "Peppys—His Life and Character" by John Drinkwater, "Angel in the House" by Kathleen Norris, "Zest" by Charles G. Norris, and "Father" by Elizabeth.

Truss Club Installs Stragg As President

At a formal meeting of the Truss Club, Anthony J. Stragg was installed as president of the organization to fill the vacancy left by the withdrawal from school of Harvey Williams, former president.

The Annual Harvest Dance, held November 28, was a success, financially as well as socially.

The Club takes pleasure in announcing the pledging of Melvin Mezek, E.E. '37.

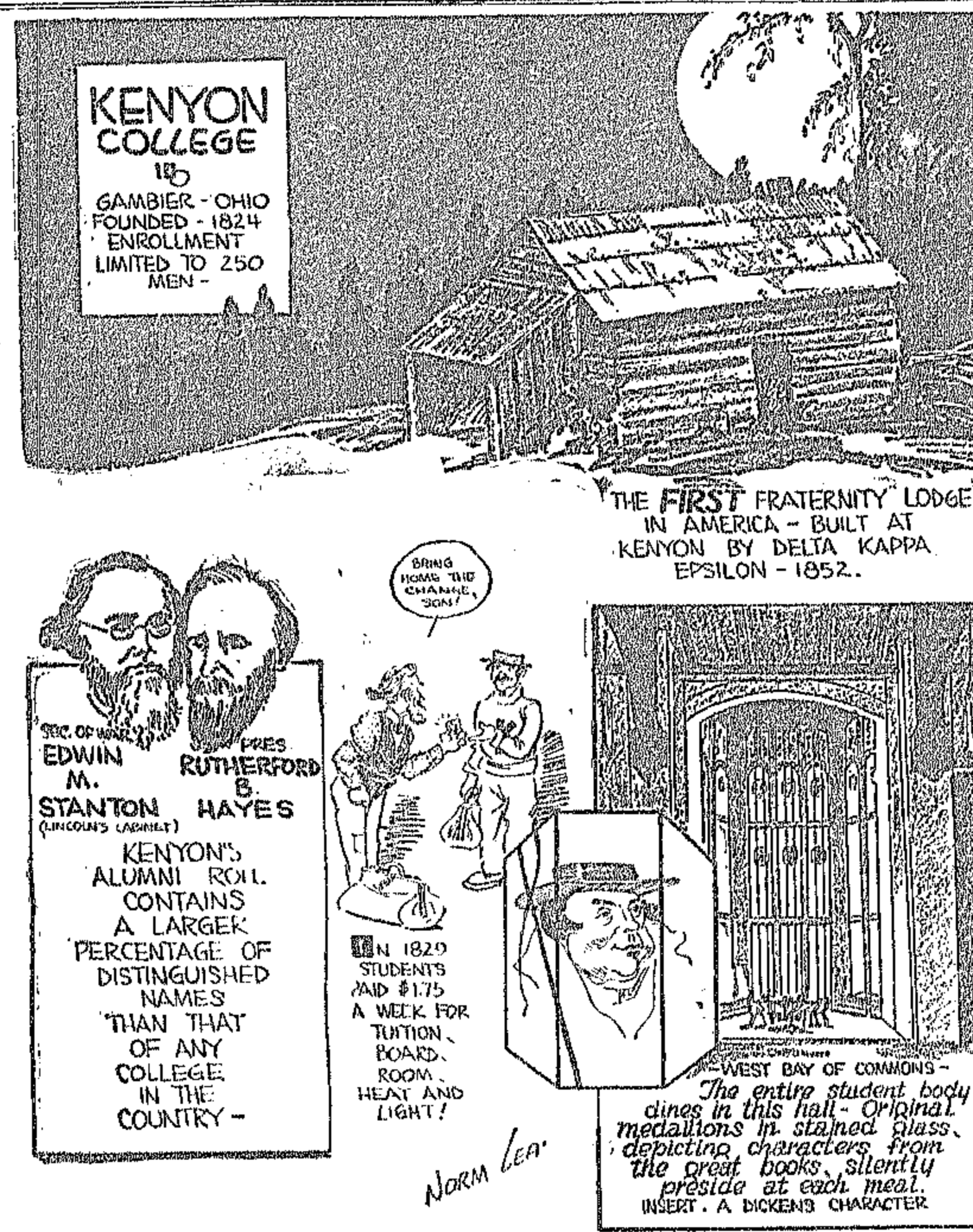
W.S.E. Given Talk on "Chicago Plan"

At the W. S. E. meeting held last Friday morning Mr. E. H. Taylor, Manager of the Chicago Plan Commission, gave an interesting lecture on the progress and influence of the commission in making the city a better place to live in.

The commission began as an outgrowth of the Columbian Exposition in 1893. A movement was originated by the commercial club to maintain the order, beauty, and efficiency of arrangement of conditions which were so prominent in the Exposition. It was, therefore, decided that this commission would present appropriate public improvements to the city council as suggestions.

The first plan that was suggested by the commission related to the control of traffic and street improvements. Although the automobile was in its infancy, the foresight of the commission caused it to plan to widen streets and relieve heavy traffic conditions by having main thoroughfares running outside the loop district. Since the loop was not very accessible, because of the river on the north and west and the large railroad yards on the south, elevated roads were deemed necessary to enter the city. The commission also presented various plans to control the place and number of railway terminals in the loop.

Since the commission was only for the benefit of the public, it had a humanitarian aspect. It is through their efforts that Cook County has about 32,000 acres of forest preserve and almost all of the land of the lake front has been reclaimed. This development provides the people of the city of Chicago and its suburbs with greatly varied types of recreational facilities.



Scholarship Exam To Be Held Jan. 12

Several hundred high school students from the Chicago area will gather at Armour on Saturday, January 12, to compete in examinations for freshman scholarships.

These scholarships are open to graduates of February, 1935, from accredited high schools. They provide tuition for two semesters, beginning with the second semester of the school year, 1934-35.

Awards are to be given to five

students and will be based not only on the competitive examinations, but also on the candidate's high school record, and his extra curricular activities. A personal interview will also be required of the candidates.

The examinations will cover mathematics, physics, and chemistry. Certain questions in the examinations will be graded according to rules of good English.

Courses are arranged so that the entering student can enter the sophomore year at the beginning of the academic year, 1935-36, by attending the summer session immediately following his first semester.

Math Club Will Hold First Meeting Today

Mathematicians attention! Inasmuch as there are many students at Armour who are mathematically inclined, a mathematics club has been formed for the purpose of formal discussion and informal argument. The first official meeting will be held today in Science Hall at 12:20, and will be open to all who are interested. Officers will be chosen by competitive examination, a novel but effective method. Professor Bibb is to be the probable sponsor.

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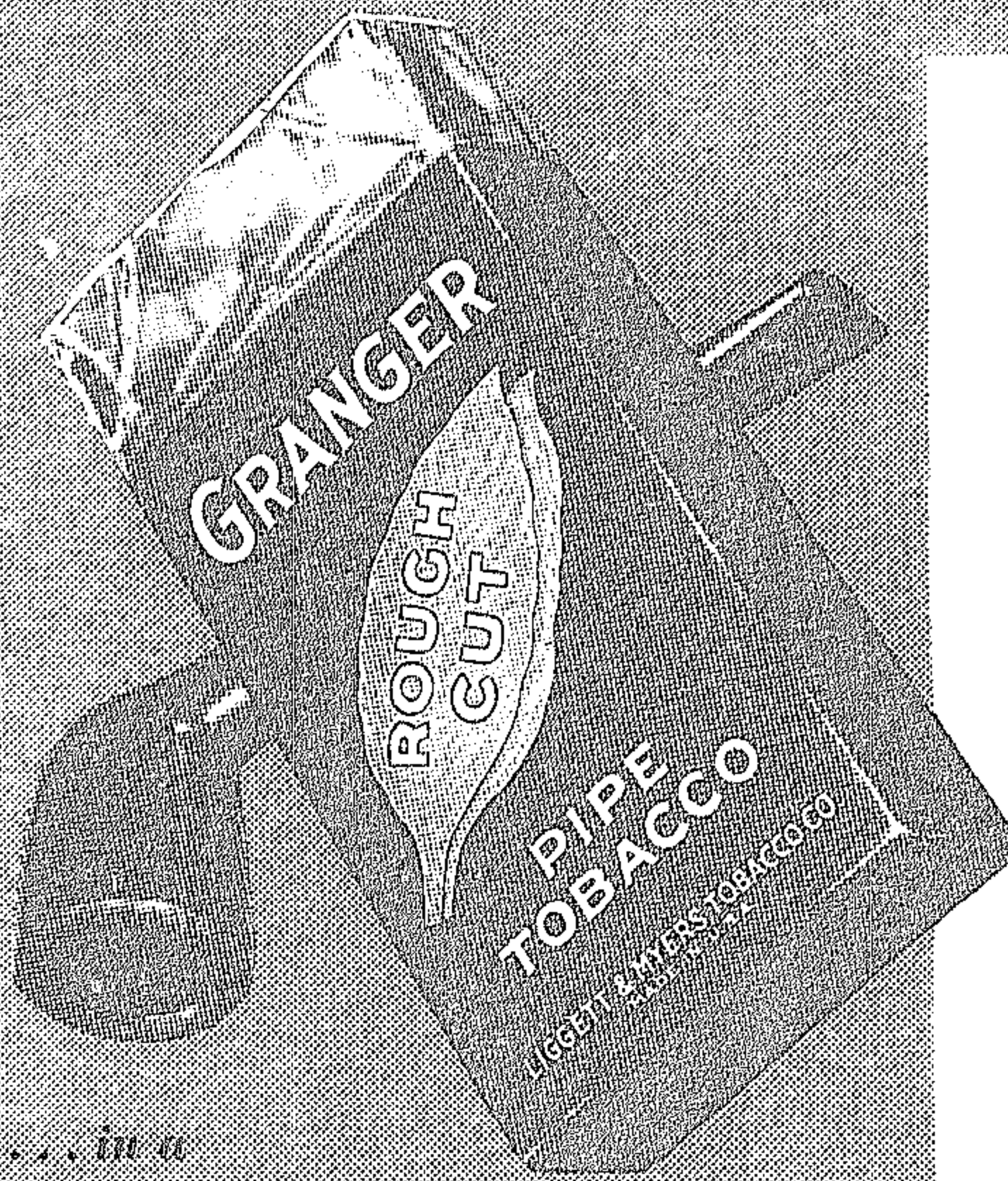
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