

• MAGIDOFF

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versity, a writer on the staff of the Literary Gazette, and later an associate editor of the French-language newspaper, Journal de Moscou.

When she came to this country, she had difficulty, at first, in finding the way in which she could best contribute to war work. She found the answer when friends asked her to address a Russian War Relief meeting. At that time, she had been in this country only one month, and she admitted that the prospect of addressing a large audience was quite frightening, since her command of English was rather limited.

Courageously, she faced an audience of 20,000 people and nervously rushed through her 55-word message, only to find that in her excitement she had spoken into the wrong side of the microphone. She tried again, and received an overwhelming ovation from the spectators. So much interest was aroused that she was invited to speak in all parts of the country. To date, she had delivered about 175 addresses.

Mme. Magidoff is a tall, striking figure, daintily dressed. Russian women, she says, resort to powder, manicures, and lipstick, but consider rouge vulgar.

In the campaign to raise \$6,000,000 for medical and emergency aid to the Russian people, she has toured hundreds of cities, and appearing on the same platforms with former Ambassador Joseph E. Davies, Mme. Litvinoff, and many other notables. In some cities she has spoken three and four times, and has received many invitations to return to others.

"This is my war work," she said. "It is my contribution to the joint efforts of my own country and that of my husband—Russia, and America."

She no longer feels alone in America, Mme. Magidoff states, "I have met so many wonderful people—and not all of them are in the big towns. I think what most impresses me about Americans is their generosity, their kindness, and their friendliness."

Red Cross doubles last year's quota

Students of IIT are to be congratulated on the generous response they have made to the Red Cross campaign for funds. Even though the drive here is not yet over, we have already exceeded our quota, which was set at \$1,800; and money is still coming in.

The committee, composed of several of the faculty wives, and the chairman, Mrs. Ford, say "Thank you" to the student body for the splendid contributions they have made.

Dean Charles W. Gilkey, dean of Rockefeller Chapel of the University of Chicago, heads the drive for all educational institutions in the Chicago area. This comprises about 100 schools in

Senior Co-op gives paper at ASME meeting

Midwestern universities will send student delegates from local chapters of the American Society of Mechanical Engineers to a conference which will be held on April 12 and 13 at Northwestern Institute of Technology.

The IIT student chapter will be represented by George E. Crawford, a senior co-op who will present a paper on the "Economical Use of High Speed Steel in War Production." This topic is very timely, since high speed steel is not only a critical war material, but is also relatively scarce because of its high tungsten content.

Others who will attend the conference are the officers of the IIT branch Professor J. S. Kozacka, the honorary chairman of the chapter, and a number of student members. The dean has agreed that students who attend and register at the conference, will be excused from classes.

Professor Yellott, as chairman of the committee on Relations with Colleges for the ASME, will represent the society at the conference.

Drafting courses set up in war plants

A new method for meeting the shortage of technically trained personnel has been adopted by two Chicago industries; the American Phenolic Corporation, and the Victor Adding Machine Company.

These companies are allowing the government to help them solve their problems—and in the process some of their war workers, already employed full-time, are receiving training for more advanced jobs. The workers are being paid for taking the course.

Under the sponsorship of Illinois Institute of Technology, government war training classes have been set up in the plants of both firms. Both sets of classes are in drafting.

The company employees admitted to the classes are being paid overtime salaries while they attend school. The "students" go to class two evenings a week for a period of 16 weeks. This is in addition to their regular jobs at the plants.

Neither the companies nor the employees pay tuition for the course. Illinois Tech gives the instruction free of charge through the Engineering, Science, and Management War Training program of the U. S. Office of Education. Recognizing the urgent need for skilled technicians, the Office of Education authorizes and pays for the training.

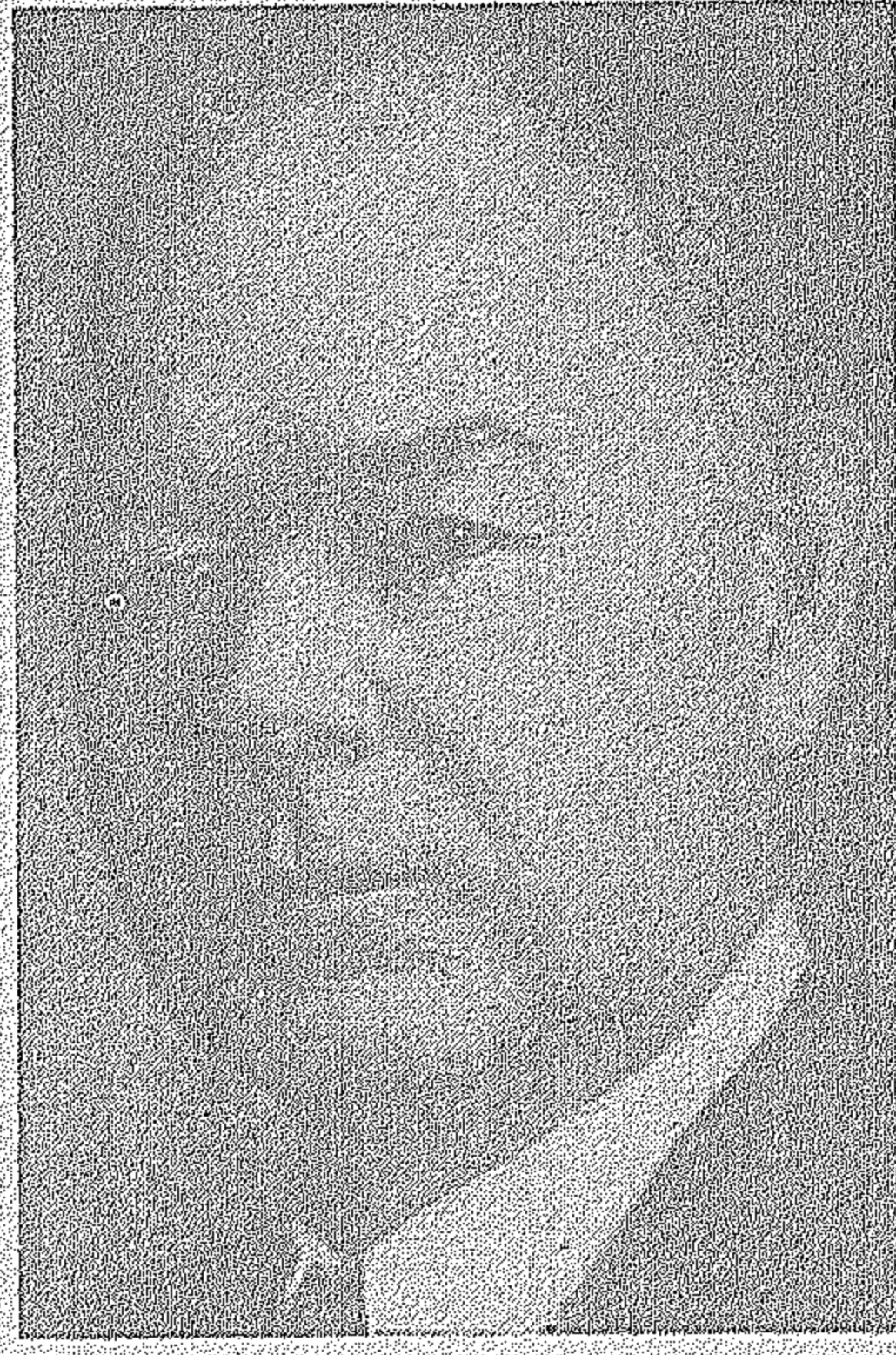
Cook, Page and southern Lake counties. Dean Gilkey said that on the basis of our quota, we have surpassed all of the other institutions under his supervision.

Chemical Engineering staff finds research integral part of present work

H. McCormack chairman of chemical dept.

This week TECHNOLOGY NEWS is featuring the chemical engineering department. Staffed by three professors, three associates, two full time instructors and five graduate assistants, this department is doing outstanding work in its field.

Professor Harry McCormack is the chairman of this department. Mr. McCormack is at present directing work on three research projects which are of vital wartime interest. The first is concerned with the improvement of reclaimed rubber,



Harry McCormack

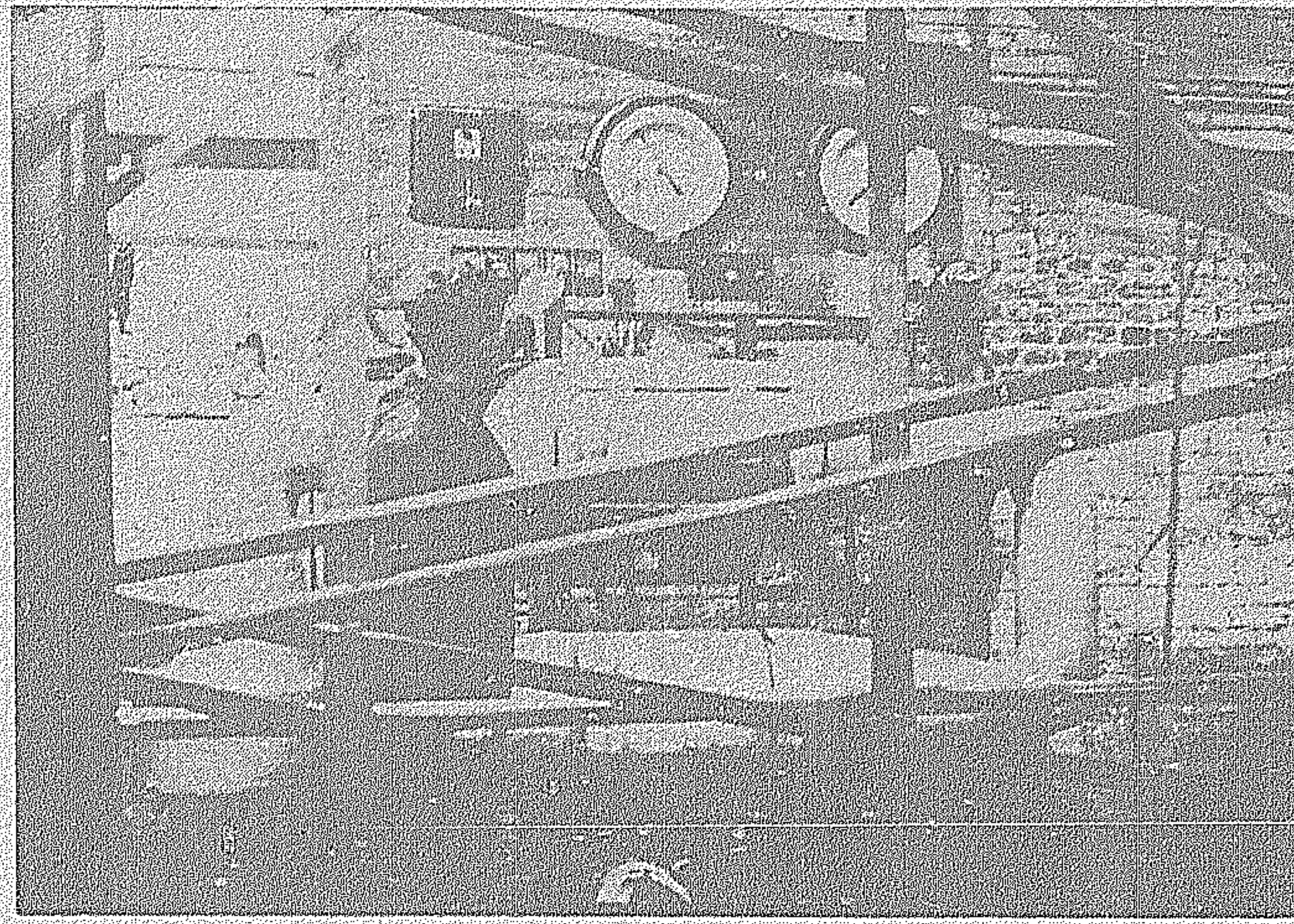
a project on which Mr. Bernard Chertow is working.

Mr. Robert Kirk is studying the possibilities of producing tire recapping materials from non-essential commodities. Substantial progress has been made in this direction. Professor McCormack stated that the department would consider itself successful if it produced recaps that would stand up satisfactorily under 2,000 miles of wear.

The third project has as its subject the dehydration of food products. Mr. Bernet Swanson is expending his efforts on this undertaking. The Institute has what is considered the best dehydrating equipment in the entire country.

Dr. Vasili I. Komarewsky, Russian born chemical engineering professor, is doing extensive work on the subject of catalysis. At the present time he is experimenting with the development of synthetic rubber. His work in this field has received nation wide attention.

Dr. Robert C. Kintner has been at IIT since 1937. He supervises the publication of papers written by members of IIT's faculty, as well as any of the papers issued by the research division. These are distributed to the libraries of the engineering college, college deans, and prominent men all over the country. He conducts several classes during the day and evening and also supervises the work of students who are



Swanson experimenting with a constant temperature drier.

studying for their advanced degrees.

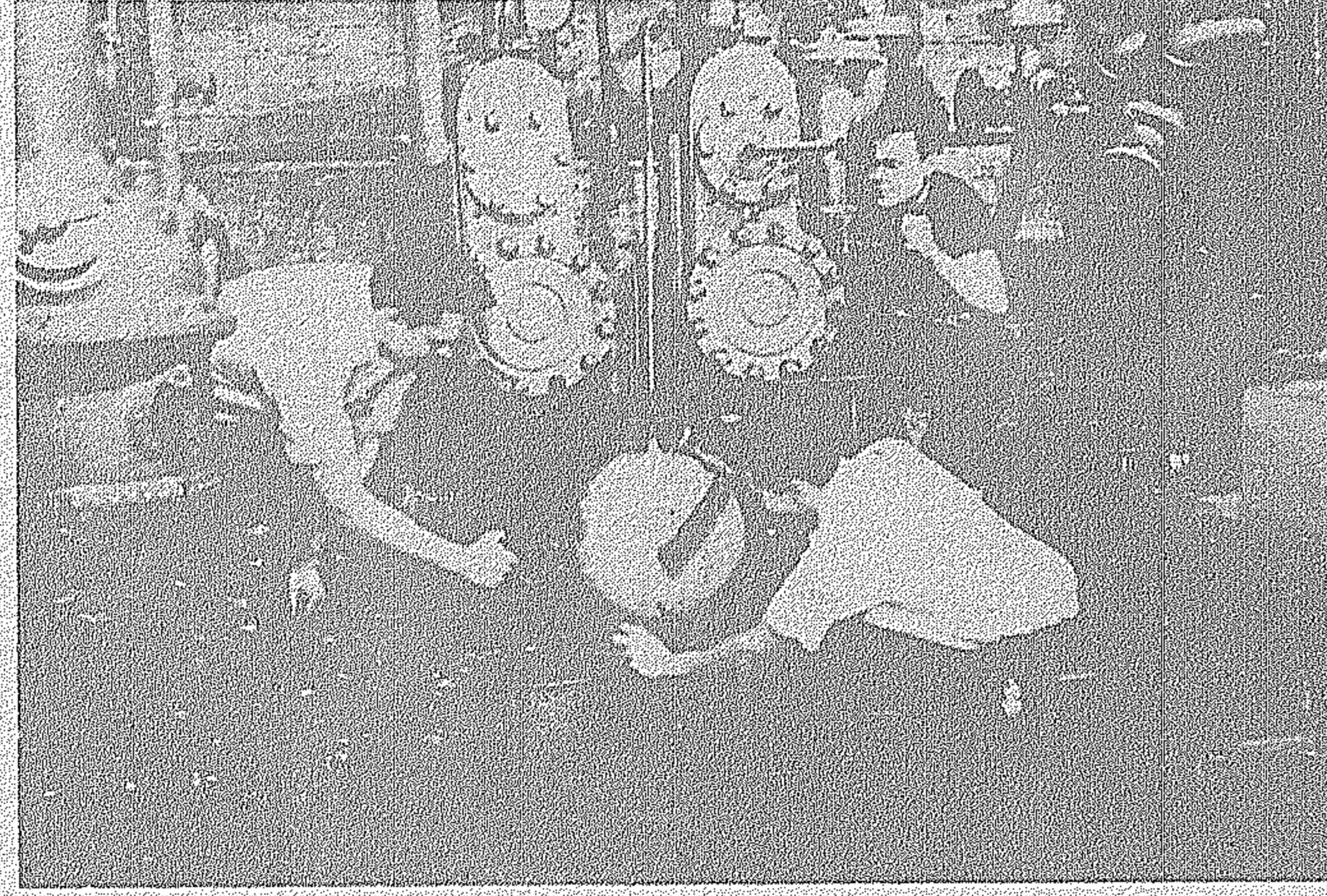
Professor Kintner is also chairman of the local section committee of the Society for the Promotion of Engineering Education, of which President H. T. Heald is national chairman.

Dr. Ralph C. Peck, is in charge of the extensive work now being conducted on problems associated with the flow of heat. The first problem is the study of heat transfer coefficients for condensing or-

Peck and Mr. Bromley have undertaken.

The effect of non-condensable gases of condenser design is the subject of Mr. H. Imatomi's research. Mr. W. Muller is investigating the effect of vapor velocity on condenser design.

The application of diffusion equations to the distillation of packed columns is being developed by Robert W. Rasmussen, while Mr. Freyley is working the application of the same equations to distillation on a



Mills and Humphreys operating double-effect evaporator. Other student is a willing volunteer.

ganic vapors on horizontal pipes. Mr. LeRoy Bromley has charge of this phase. The study of the effect of liquid turbulence on heat transfer coefficients on vertical tubes is the project which both Mr.

plate column.

The Precision Scientific Company, a Chicago firm which builds laboratory equipment, has recently given the chemical engineering department a gift of \$2,000 worth of high grade and rather expensive apparatus.

We take our hats off to the members of the department for their contributions to the development of the field of chemical engineering.

Lewis gets the call on the best songs of all

Musical clubs of IIT have a full schedule for the month of April. On the sixth, a concert will be given at the Power Conference banquet in the Palmer House. Another item is the annual assembly program at Tilden Tech, on the sixteenth. At the end of the month, a song-fest will entertain the students at Lewis.



Aw Shaw