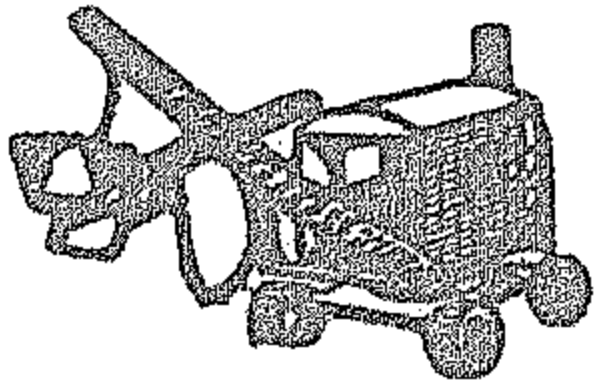


Steam Shovel



Last week's comments on certain juniors dating three girls apiece at Kankakee was overshadowed when the postman arrived last week. "PETEY," that romeo fighting for the title of chief cassanova, received a letter from Louise of that city, and three nights later a girl took him out on a blind date, gratis. YEAKLE is running neck and neck, receiving a 9x12 photo by airmail from Beverly Hills, Calif., signed "Love, Suzy." Reports say he sleeps with it under his pillow. The GLAMOR boy of the glee club marks up another letter.

LOVE FILLS THE AIR THIS WEEK. QUOTE "Bud" Dunbar:—I'LL BE GLAD TO GET BACK TO DETROIT, THEN I'LL ONLY HAVE ONE GIRL TO WORRY ABOUT!"

Chicago Surface Lines are rumored contemplating a law suit against two ARMOUR PROFS. They were so happy to see each other on a Wentworth car the other morning that one nudged the other, causing a shoulder to go crashing right through the street car window.

EMBARRASSED! AND HOW! 'CHUCK' MODERSOHN BROUGHT HIS BEST GIRL FROM MILWAUKEE TO TEST OUT THE "KISS-O-METER," AND UNFORTUNATELY FOR HIM HE WAS "CAUGHT" IN THE ACT AND THE PICTURE PUBLISHED IN ALL MILWAUKEE PAPERS.

Prof. MANLEY recently baked a chocolate cake. "To raise the hydrogen ion concentration I added vinegar . . . the cake was a great CHEMICAL success, but . . ."

Attempting to quiet some noisy students, Miss Cheshire, librarian, threatened to move the entire table out into the hall. G. DAMM, shy soph., replied sophomorically, "If you take the table away, what will we study on?"

In the spring a young man's and MERLEAN'S fancy turns to love and Marge Simky.

THE SOPHOMORE DRAFTING CLASS IS ABOUT READY TO CHALLENGE THE GLEE CLUB TO A MATCH. TIME PASSES SWIFTLY WHEN THE ASSORTED BARITONES AND BASSES START TO WHARBLE AND CROON. THEY'RE JUST LIKE A RADIO, ONLY THEY CAN'T BE TURNED OFF.

Late flash from the copy boy has gleaned this much information about that letter from Kankakee:—"My dear Mr. Peterson, if I may be so bold to call you that . . . And in closing, my sweet, send me swiftly a letter from your passionate soul, telling me if you feel the way I do. Your torrid lover, Louise."

In the spring a young man's fancy turns to love. When in Taylorville, Illinois a young man's fancy turns to "Simky"—so says E. PAULAITIS who intends to earn next year's tuition by distributing her picture about school and then selling railroad tickets to Taylorville on a commission basis!

Student M.E. Given U.S. Patent on Display Case

As a reward for his efforts in design of refrigerated display cases, I. Footlik was granted a patent on a "Streamliner," product of his father's firm.

Footlik, a junior, began his work in August 1933, from inspiration of the Century of Progress Exposition, held in this city in 1933-1934. Working constantly over the drawing board, he finished his plans and applied to Washington, D. C. for a patent.

In 1935 he was notified that another firm was given patents on a display case similar in design. Filing claims with the Patent Office, the case was investigated and a patent issued to Footlik just recently.

Human Engineering Lab Is Established In Glessner Home

Professor Johnson O'Connor who originated the Human Engineering Laboratory at Stevens Institute of Technology has wanted for some time to establish a permanent instead of a temporary laboratory in Chicago. It looks as if his wish will be fulfilled, for the Human Engineering Laboratory has just moved into the Glessner House at the corner of Prairie and Eighteenth Streets. At present it is being conducted by Mr. John M. Howe, who is one of the very few men whom Professor O'Connor would trust with that task.

It is expected that the laboratory will become an integral part of the Armour Institute of Technology. This is one of the many ways which enables the Institute to broaden the range of its services to the community. Dr. Krathwohl of the Department of Educational Tests gave his version of the laboratory in the following manner: "The laboratory is called 'human' because it deals primarily and exclusively with human beings. It is called 'engineering' because it deals with human beings in a scientific and matter of fact way. Professor O'Connor is very insistent that results of his laboratory should be based on mathematical principles instead of on speculation and wishful thinking."

"The Human Engineering Laboratory has been in existence in one form or another for fifteen years. It can offer a definite service to individuals who are in doubt as to the occupation for which they are best fitted. It does so by testing the aptitudes of an individual. Some occupations require that certain aptitudes should be present to a particular degree, and what is more interesting, that certain other aptitudes should be decidedly limited. That is to say, the absence of some abilities is sometimes just as important as their presence. The laboratory is prepared to give service both to men and to women. It also aids firms who wish to raise their efficiency by the proper placing of their employees. In some instances it has been found that the interchange of a task between two employees not only has increased their efficiency, but has made each one happier with his work."

Hoffman Elected New F.P.E.S. President

At one of the liveliest meetings in many moons, the Fire Protects decided last Friday on the men who are to lead them during the coming year. The results were close in every case and the races were hotly contested all along the line. A delegation of sophomores made a strenuous effort to secure every office except the presidency, but were defeated on all but one count by a coalition of the juniors and seniors.

The men elected were Paul Hoffman, president; Bob Morrison, vice-pres.; Steve Finnegan, secretary; and Tom Hunter, treasurer.

The question of where to hold their annual smoker was brought up after the election. Several places and dates were suggested, but most of them had a defect that made them unsatisfactory. The tentative date and place were finally set as a week from this coming Thursday in room "D" Mission. This may have to be changed, for one reason or another, but it is hoped that the question is at last settled.

'Foundation' Labs Doing Vital Work

Without making much ado about it, the Research Foundation has been quietly and efficiently making important contributions to pure and applied science.

Dr. Ziegler, director of the X-ray laboratory, has been doing some very important work on the hydro film balance. The three most important improvements which he has made on this sensitive instrument apparatus is absolute humidity control, absolute temperature control through the use of a circulating thermostat, and a motor-driven mechanism for taking readings.

Dr. Godwin, director of coal research, has been working on coal colloids suspended in oil. He has found that a mixture containing 40 per cent coal and 60 per cent oil enables coal companies to get a better price for their coal dust.

In the recently constructed heat insulation laboratory Prof. Peebles and Dr. Anderson are doing an increased amount of work on pipe coverings. This problem of pipe insulations is becoming increasingly im-

Senior Civils Tour Sewerage Plants

Senior members of the civil engineering department spent all day Friday inspecting several engineering projects located in four different cities about Illinois. The trip, which was under the direction of Associate Professor H. Vagtborg of the civil engineering department, included a luncheon address by the mayor of one of the cities. The civils inspected the principle features of sewage treatment plants of which the smaller cities usually have only one.

The group first visited the Maywood Water Works, where the automatic "Zeolite Process" was shown in operation.

The "Putman process" of sewage treatment was inspected in the St. Charles Sewage Treatment Works. It was explained that the process involves only a chemical transformation and does not depend on the "biological" processes commonly employed in sewage treatment.

Luncheon was had in a private dining room of the Baker Hotel, where the students had the pleasure of being addressed by the mayor of St. Charles.

The next stop was Geneva, Illinois, whose sewage treatment works won first prize for having the most beautiful sewage plant. The activated sludge system is used. Methane gas generated from the sewage in the treatment process is utilized in the plant boiler for heating purposes.

The group made a last stop in Aurora to inspect their water treatment plant.

portant, because steam pressures and temperatures are getting higher required much better insulation in order that radiation losses may be kept low. High pressures and temperatures are more efficient because of the work that the exhaust steam is still able to do.

Dr. Manley and Dr. Godwin are working together on an industrial problem concerned with a gasket material for flanges. Dr. Copeland is continuing his investigations on secondary emissions in electron tubes.

The stoker project, which is being carried out in the Ice Lab, has been extended. Dr. Pearl is now working primarily on long screw feeds to enable coal to be fed at distances.



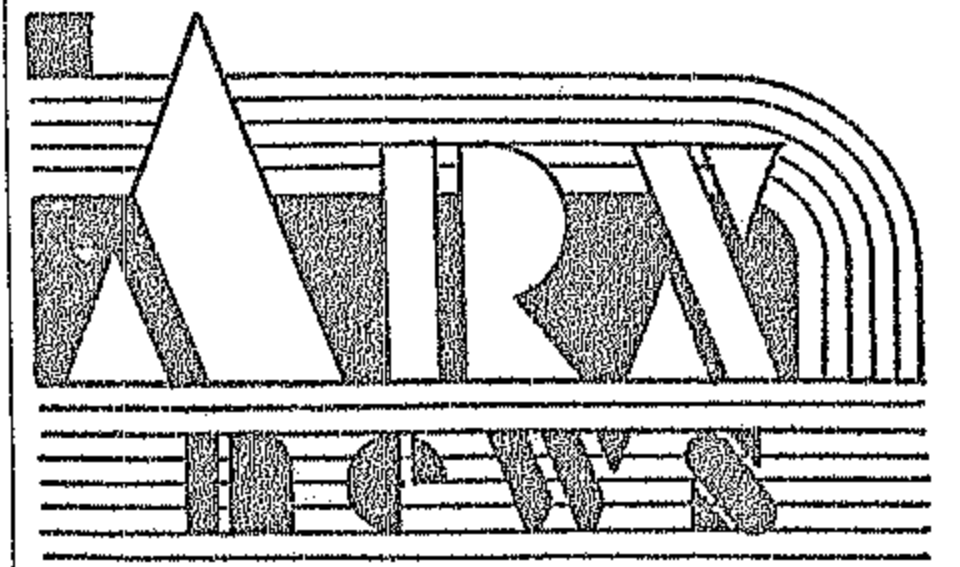
By A. M. Zarem

I was surprised last week, in reading an account of Hitler's Austrian coup, to find that Germany's mighty military machine is more mythical than factual in nature. Mr. M. W. Fodor, a leading central European correspondent, was the one who conveyed this impression to me.

Germany's great "self-sufficiency" has been given wide publicity by Hitler and his henchmen—but just how good the synthetic products developed are, was nicely demonstrated in the recent 400-mile drive which the army made from the German-Austrian border to the city of Vienna. Although actual invasion of Austria did not start until early in March, army columns had been massed at the Austrian border line in preparation for such a step since January. The use of synthetic rubber and low grade lubricants almost spelled disaster to the German army on this trip—but few knew about it then.

"THE VIENNESE," Mr. Fodor said, "were properly impressed with Nazi might as they watched the columns of tanks and lorries rumble through their streets. But they did not know that all of the heavy tanks and many lorries had failed to get as far as Vienna. Their course was marked with a trail of flat tires and burned out bearings."

So now the truth comes out! Hitler's grab of Austria was not only a tricky one but also one of greater bluff than was heretofore imagined. This should change the complexion of a few things—one of which is the recent threat made in Field Marshal Herman Goering's mouth-piece, the National Zeitung. In part this article stated, "The two powers of the axis (Berlin-Rome) cannot remain indifferent if the French government, by allowing continued shipment of supplies and weapons to 'red' Spain, engages in a policy dangerous for Europe and, by open support of the Soviet influence in Catalonia, opposes in a hardly conceivable manner the policy of Germany and Italy which will prevent at all cost the setting up of a center of Moscow in the Medeterranean."



Last week the arx news was on page twelve, as you know. That's life. Well . . . here's stuff.

Senior Ericksen has been dating Theta Xis lately; next week, it will be Sigma Chis . . . Some of the seniors will be coming back next year for M. S.'s; Instructor Kliphardt of North Central amongst them . . . Johanson and Kliphardt received Mention Commendeds in the last Class A problem.

We understand that the juniors are mighty disappointed in Mike's, guess why? . . . Junior Informal: mmm, is she nice . . . Danforth is going to swing it over the ocean this summer . . . The Junior Crit is giving a party for the junior and senior arx next Thursday.

Next week is Friday for sophs . . . Clay models, cardboard models, artists models, oh, boy . . . Next week comes Burnham and the Sea Hag . . . "just two more weeks" is the theme song.

The frosh morals are taking a set back, how can a fella work with a girl (in charcoal) like that hanging around the room? . . . Tomczak and Larsen were initiated at a splash party given at the Great Lakes Fountain, the other day . . .

BOZ-ART.

THE BELLIGERENT attitude of both Nazis and Fascists is characteristic of the method which they pursue in all matters in which foreign policy is involved. It seems that with every passing day the two dictators are straining their diplomatic relations with France to a greater degree. The question now is: How long will France allow herself to be bluffed? Obviously Mussolini is determined to have Spain—but France is just as determined—and rightfully so—that she shall not be surrounded by a heavily armed enemy. Allowing Spain to be taken by Italy would consequently be dangerous to France. England, too, has much to lose—yet she recently became a partner in the Anglo-Italian agreement which is serving to isolate France yet further.

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