

## Spring Concert Pleases Large Group in Union

Smiles and sighs were drawn from the capacity audience by the Musical Clubs, last Thursday evening, in the fifth annual Spring Concert and Inter-Fraternity Sing. Each of the seven social fraternities drew enthusiastic applause in response to their excellent vocal renditions of the songs near to their hearts, but the judges unanimously agreed that for the third consecutive year Phi Kappa Sigma led the other fraternities in this event.

### Dressed in White

Dressed all in white, Armour's handsome Junior Marshalls courteously and efficiently served as ushers and had seated the audience in most of the available space, by eight-ten. The visitors for the evening's entertainment were predominantly the mothers and lady-friends of the boys, rather than the fathers and boy-friends. Dancing in the lounge after the Concert may have been the reason for so many beautiful young women, here at Armour.

Wearing dark suits, black bowties, and white shirts and trousers, the men in the Orchestra and Glee Club took their places at eight-twenty; the Glee Club on the stage side, the Orchestra arranged in front set off by potted palms on either of the Auditorium stage. For a few minutes instruments were tuned, then amid thunderous applause Mr. O. Gordon Erickson, Armour's Musical Director, mounted the podium, paused with raised baton while the Glee Club stood up; then upon his cue, the Music Clubs burst forth into the Armour fight song. Though this was a surprise opening, the audience immediately rose in a body and joined with the glee club, making an impressive sight.

### William Tell Overture

The "Overture to William Tell" by Rossini demonstrated the abilities of each section of the orchestra. Soon, smiles appeared on the faces of the audience;—a tribute to modern radio advertising, as well as the excellent performance. "We're all jolly fellows," next began the glee club, rising to render in a skillful blend of voices the composition by Rhye-Herbert. The familiar "Bird Songs at Eventide" brought out on the faces of the audience thoughtful glances, and memories to the minds of the men who associate many happy occasions with this piece. Stepping down to the center of the stage Robert Hemmen, a basso with notable spirit in his voice, led the glee club in the singing of the "Song of the Vagabond."

In answer to many requests, the musical clubs next performed "Roll Cruiser Roll." This was written by Mr. Gordon Erickson especially for the Research Foundation's most famous problem. Next a French Horn quartet entertained the audience with their beautiful rendering of a quite difficult piece.

Playing the perhaps less well known, but ever so beautiful, compositions of Edward German, the Shepherd's Dance and the Morris Dance from the "Henry VIII Dances," the Orchestra seemed to respond instantly, but gently to the former, with lively enthusiasm in the latter, to every subtle motion of Mr. Erickson. These two numbers were exceedingly well done and received tremendous applause.

### Marshalls Take Over

Mr. Frank Pfeffer, chief Junior Marshall, then took over the next portion of the program, the Inter-Fraternity Sing. During Mr. Pfeffer's explanation of the Sing to the visi-

### VOTE TODAY FOR:

1st Vice-President  
2nd Vice-President  
Secretary  
of the A.T.S.A.  
Student Union Lobby, 9-2

## Johnny Gilbert Casts Spell at Westward Ho

As fitting a finale to any Junior Week was the class of 1941 Junior Informal, held last Friday evening at the Westward Ho Country Club. The informal provided a perfect evening of relaxation from the arduous labors of Open House as Johnny Gilbert and his natty outfit band supplied the music.

### 300 Couples Attend

Although high onto 300 couples were present at the gala affair, there was sufficient room in the club's combined floor space of verandas and room to make dancing enjoyable. Difficulties were experienced at first with the public address system, but matters were soon taken in customary stride. The presence of the portable bar served as a welcomed oasis to all.

### Frosh, Sophs Bury Hatchet

Every class, department, and branch of the administration were well represented at the dance. The rapid transition of the freshmen and sophomores, many of whom were bespattered with various sundry articles such as 20 day old eggs, molasses, mud, and straw a few hours before the informal was astounding as they appeared with beaming faces and well combed hair.

### Senior Mechs Do It Again

As usual, the senior mechs brought innovation into the party as various M.E. students brought forth engineer's caps. Not satisfied with this display, the mechs gathered around the mike and led by Weissman of "My Heart Belongs to Daddy" fame, rendered the popular Tennessee ditty "The Martins and the Coys."

## Electrical Depts. Astonish Visitors With New Devices

Sending sound across a light beam—cooking meat from the inside out between cold plates—putting your voice on a steel wire—making radio tubes sing like violins, banjos, trumpets, or pianos—these were a few of the exhibits in the electrical department's display at Open House last Tuesday and Wednesday.

Upon entering the dynamo lab in the main building, the first thing seen was a long flashlight with a bulb whose light seemed to vary with the volume of music that originated a few yards away. Inspection showed it to be an eight-cell flashlight, whose bulb was lit by six cells plus a current diverted from a radio loud-speaker. A photo-electric cell and an amplifier then played the music as the light dictated.

### Show Doctors' Methods

A few steps farther revealed a high frequency current oscillator similar to the type doctors use. The things it did, besides cooking the meat, included lighting some mercury vapor tubes and an incandescent lamp by induction, when placed properly, and generating a fever in a hand laid upon a bakelite enclosed coil. The bakelite casing was cool, but heat seemed to develop within the hand, and remain as a fever for several minutes afterwards.

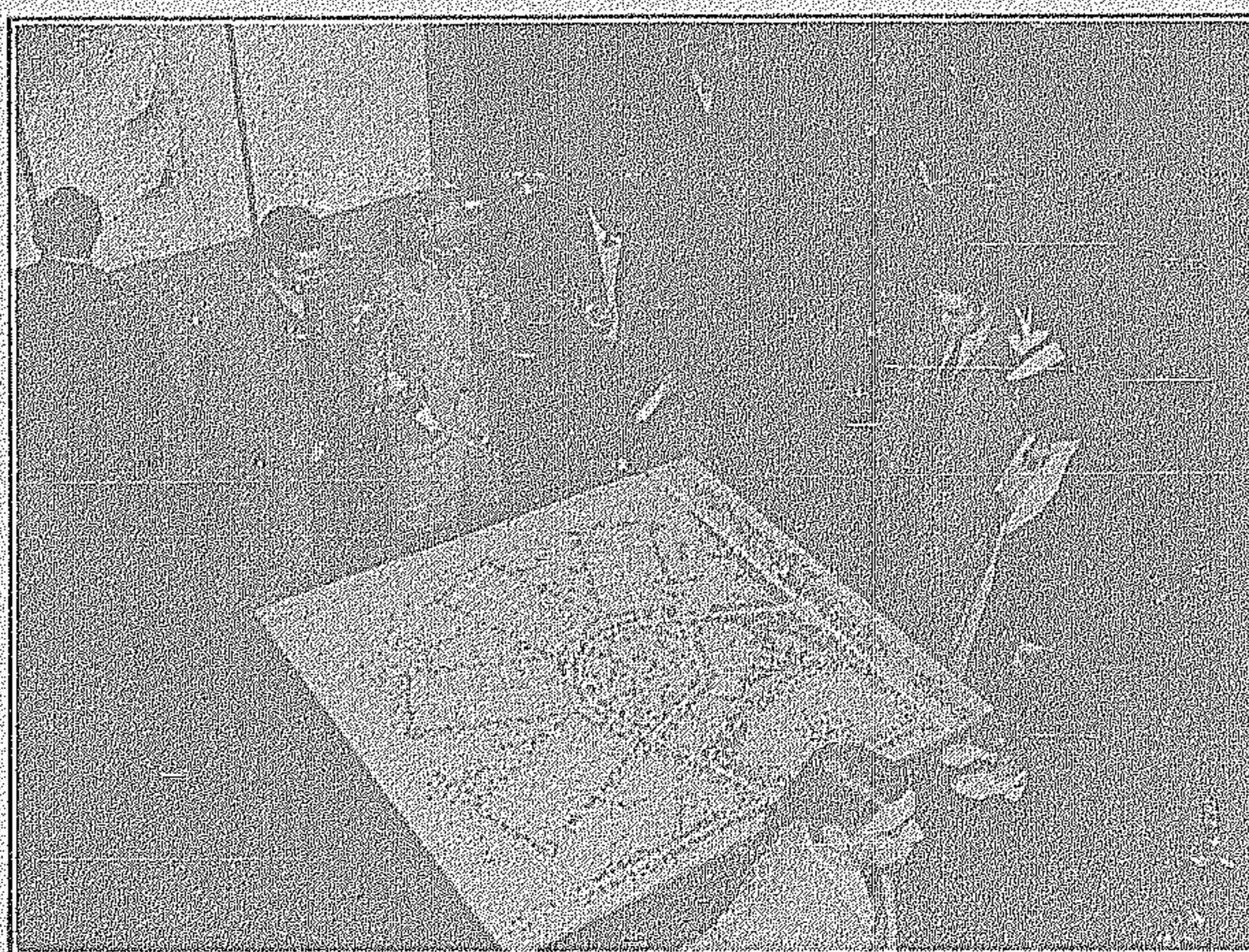
Persons who pedaled the stationary bicycle in the center of the room generated a current by means of the small generator attached to its back wheel. The power, even from the most vigorous fellows, rose little above 180 watts, while it lit a bulb or two.

### Operators Perform

A coffee can, pivoted in the center of its base, whirled dizzily within a doughnut shaped coil when three-phase current was applied to the coil. A radio amateur operator here, another in the lounge, and a third up in Chapin Hall, talked among themselves and sent souvenir messages back and forth for the visitors. Some of the messages are on their way to outside locations.

In the second floor lab were a pair of teletypewriters which wired mes-

(Continued on Page Four)



Open House visitors view architects' model of Kenosha, Wisconsin replanned to obviate all unpleasantnesses.

## Town Modeled In Arx Exhibit Music Lads Go To Milwaukee

One of the most outstanding displays of the entire open house program was that given by the architects in their "design art of construction" exhibit. Occupying two rows and the lobby of the second floor of the student union, the display, with the use of the latest and most expensive professional models was intended to emphasize the modern trend in functional representation of housing and city planning.

### Kenosha Designed

The lobby was devoted primarily to the outlay of Kenosha, as it should be under supervised modern city planning with provisions made for the situation of residential industrial and commercial phases. Especially unique was the detail given the physical position of the individual homes as determined by a necessity of providing for smoke elimination from factories.

In the east room of the second floor, the juniors presented plates indicating the value of and the process of the fundamental types of building construction—log, half timber and modern wood structure. In addition, drawings of rooms indicated the functional qualities inherent in the design, showing the minimum requirements of the various elements of a room.

### Construction Shown

In the west room the seniors and graduates worked together to assemble a number of model houses, illustrating the design resulting from the application of pure construction principles. A modern clubhouse and school seemed to attract the most attention, particularly the latter because of the clear arrangement of walls and window panelling which permitted the admission of the proper amount of sunlight at the proper time of day.

## Two Seniors and One Faculty Member Are Guests of G.M. at New York Fair

### By Peter Woods

New York, N. Y.—Special to the Armour Tech News—(News note: Two seniors, Jack Clark and Peter Woods, and one member of the faculty, Mr. John Larkin, journeyed to New York last week as representatives from Armour Institute of Technology to the General Motors "Highways and Horizons" program at the Worlds Fair.)

### Tour Conducted

Our first contact with this metropolis was our arrival last Monday morning at the monstrous Grand Central Terminal just a few minutes subsequent to a terrific welcome accorded potential President Thomas E. Dewey, a passenger on another section of our train.

Our program for the rest of the day consisted of a special tour, as guests of G. M., of the buildings of Rocketteller Center, a tour by bus of the Worlds Fair grounds, inspection of the research exhibits in the General Motors building and a technical show in the theater, a trip on the

This Tuesday, May 14, the orchestra and glee club under the direction of O. Gordon Erickson will journey to Milwaukee where they will entertain the fun-loving, beer-drinking, citizens of that town by giving a few concerts at several planned social functions. Every year the musical clubs make an out of town trip, and this year they will visit the "most progressive city in the United States." Their first stop on the program is Kenosha, Wis., where both clubs will give a concert for the High School of that city, and later honored with a luncheon. Immediately following, the clubs will motor to Milwaukee where they will perform before the "mikes" of station WISN and the Armour Alumni Association. Although their main purpose is to provide music for the residents of that fair Wisconsin city, the boys will also relax, and will visit, (that is we hope they will but tarry there), one of Milwaukee's far famed breweries. (Please, boys, come back sober). Featured soloists will be "Biff" Doolittle, Don Charleton, Carl Pederson, Ted Gromak, Herb Hansen, and Robert Hemmen.

### Seniors to Be Missed

This being the last concert of the season, both clubs will sincerely miss the seniors whose spirit, loyalty, and cooperation has proven to be a great asset. It now looms as a great possibility that the seniors will try to sing their way into the "singing Mayor's" city council. (You might try it fellows, it has been done.)

Last Sat., May 11, the glee club gave its final local broadcast of the season; the station honored was WMAQ, located in the Merchandise Mart.

## Theory and Practice Theme of Open House Exhibits Last Week

### Delta Tau Deltas and Junior Chems Stars in Pageant

Helping to climax Junior Week, the Inter-Fraternity and Interdepartmental Pageant presented last week set a new standard for the pageants of the future. Top honors were taken by Delta Tau Delta Fraternity with its exciting review of the origination and construction of the snow cruiser. Judging the artistic efforts set forth were: Dean Tibbals, President Heald, Vice-President Gunter and assistant athletic Director "Sonny" Weissman. Represented in the event were seven fraternities and one department and choosing the winner was no mean task.

Starting things off with a bang was Phi Kappa Sigma, who presented a picture of the Armour Tech Snow Cruiser by means of a small model. The Snow Cruiser proved to be a very popular theme and the next two presentations concerned themselves with the trials and tribulations that go with a Snow Cruiser.

The next skit, presented by the eventual winner, Delta Tau Delta, showed the audience how the Cruiser was built in a moment of inspiration and presented an inside picture of its building.

Following this melodrama (?) came another burlesque on the Research Foundation's famous project. Alpha Sigma Phi's presentation showed the audience the actual christening and starting of the Snow Cruiser.

From here the audience moved to the Triangle pageant which etherized the Lewis-Armour liquidation via the B.A.D. network. A two-way conversation was held with the Antarctic when "Big America" talked to Little America.

### Models Tested For Stresses

"Friction in Buildings, Its Magnitude and Its Importance in Limiting Earthquake Stresses," was the title of a lecture delivered at Armour on April 13, 1940, by Dr. Merit P. White, Assistant Professor of Civil Engineering, before a gathering of members of the Seismological Society of America. According to Dr. White, the present-day approach to the problem of earthquake stresses in buildings is mainly a standard procedure used in the design of practically all modern buildings. This procedure consists of allowing a factor of ten percent of the total weight of the building in designing its main supporting members.

### New Attack Shown

In recent years, however, the efforts of seismological research men have been directed toward an analysis of the problem through the application of experimental data. Various tests have been performed on models and also on actual buildings, the results being used to verify theoretical assumptions. In general, a building is classified as being either damped or undamped, the latter being an ideal theoretical case in which there is no friction between the component structural members. Every actual building therefore falls into the first group, although the models tested are constructed as near to the ideal condition as possible. In spite of the fact that it is common practice to allow a ten percent excess during design, the results obtained by Dr. White and others in his field indicate that a more correct analysis will probably require a factor ranging from five percent for small structures, to 15 percent for large structures. Recent measurements of the actual waveform of earthquake tremors in large buildings in California show promise of further progress.

### Thousands of Visitors Are Attracted

It can be truthfully said that this year's Open House was definitely a milestone in the school's attempt to exhibit its work and the results of its training. The theme of the different departments varied, but on the whole the general scheme was to combine in each departmental exhibit theory and the resultant practical applications. This method of presentation was used in the electrical, chemical and physics departments.

### Juicer's Exhibit Tesla Coil

The theory of operation of the electrical department's Tesla coil was explained in an easily understood talk. The coil was then operated under various conditions and the reasons for the various types of performance were given. The presentation was ended with a simple explanation of the equipment used.

The organic lab exhibit consisted of a series of actual laboratory preparations of various plastics and synthetic products on one side of the lab; and, on the other side of the room, a display of the final products of such preparations gave the practical side of organic chemistry work. The plastic products were exhibited through courtesy of Chicago Molded Products Co. and The Catalin Corp.

### Chem Exhibits Practical

The students of chemical engineering this year were able to develop their more practical problems which had possibilities of actual industrial application to the point where it was possible to present many of the problems as department exhibits. Among the problems presented were the petroleum reclamation process, the acetone vapor absorption process, the effect of wetting agents on pigment particle size in paints, and a new type flowmeter.

The physical chemistry exhibit consisted of a series of actual experiments dressed up to make them easily understandable for the average man. A short, concise explanation of the practical application of each experiment was given by each group. Chertow's explanation of the Boar-

(Continued on Page Four)

## "Overhaul" Is Awarded First Prize in Salon

Close competition was the keynote of the 4th annual Armour Eye Open House Salon. This was attributed to the general increase in interest in photography in the past few years.

As has been the custom in past years, the winners were chosen by the general public who cast ballots for their favorite picture.

The unusual quality of the prints both from the technical and pictorial viewpoints gave the visitors more than a trying time in selecting the winning print.

The final count gave Bob Zelin first prize for his fine photograph "Overhaul."

This same photograph won an honorable mention in the recent A.S. M.E. salon at the Stevens Hotel. Second award went to Harry Tun for his "Stairway to Success."

The balloting for the next four awards was very close with "Black and White" by H. Hammond winning third prize and honorable mentions going to Al Barry for "Spring," Jack Wagner for "Sentry," and Al Wong for "Metropolitan Night."

The first three winners will be awarded photographic materials for prizes.

### LENS STOLEN

On Tues., April 23 a B. & L. Tessar Ic, f/4.5 lens was taken from 210 Physics Bldg.

The lens No. 3242411 and the "Compound Shutter No. 728071 identify the unit.

Any information will be appreciated, by Prof. W. W. Colvert from whom the lens was taken.

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# Armour Tech News

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## Sports

In an institution such as Armour, with the high scholastic standards and corresponding voluminous out-of-class work it is necessary that physical exercise of a deliberate and non-routine form should from time to time form a part of the student's program. We say deliberate and non-routine in the sense of differentiating between the usual daily exertion necessarily required and the recreational facilities devoted either in their entirety or in part to physical exercise.

At present the facilities for fulfilling a plan of physical education are pitifully lacking. The farce that is "gym" consists of 1/4 dress rehearsal, 1/4 pep talk, roll call, shower and incidentals with about a half hour devoted to actual gym activity. Nor is this alone the answer to the exceptionally few students registered for these classes. The gym itself and locker rooms are notoriously small, and facilities in the latter, though improvements have been made, are far from desirable. Despite recent changes, the shower room is astonishingly small and ill-equipped, failing to satisfy even the most minimum of demands. It would be indeed embarrassing if the majority of some 600 freshmen or sophomores, eligible for gym, were to tax the classes by a single week's attendance.

But we do not reproach the "powers that sway" for this or for the seeming paradox of credit where grounds for such are apparently absent—credit for physical education upon the ardent exercise of the vocal chords in the glee club—for membership on the rifle team—or for work on this or any of the publications. We realize quite fully that the school is confronted on the one hand by the gym class requirements of North Central Association and on the other by woefully inadequate facilities. We further realize with the advent of the merger and the discussion of new building provisions with the concomitant financial outlay, that possibilities for the immediate rectification of existing conditions are remote if not impossible. But we believe there are a number of points which deserve consideration and which are not serious financial drawbacks.

1. Since the individual development is the primary objective in any physical education program, it should be given first consideration. Inter-collegiate sport should not in its entirety be converted to intramural, but the accent should definitely be placed on the latter. What we urge at this time is the formulation of a definite program along these lines as to already existing sports and the absolute restriction upon the formation of any further intercollegiate teams. We are willing to forego the reputation that is Armour's in athletic prowess in the interests of internal benefits accruing by virtue of individual development—to the enhancement of Armour's national reputation as a scholastic institution—which after all is attained only by the individual.

2. Provisions for further intramural sports should be expanded with facilities as well. To the 13 sports existing at Armour we advocate the initiation of handball and ice skating on an individual and interdepartmental basis. The excellently outlined expansion program for baseball and tennis facilities, already under way, should include provisions for handball courts in the gymnasium and for skating rinks for hockey. Neither of these involves an exorbitant expenditure. Interdepartmental play within departments both as to individual and team competition should be enlarged.

## "The Slipstick"

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

That sure was a swell week we just had, wasn't it? But now it's back to school again. Yeah, only four weeks now and every day will be a holiday.

"Outa my way; I'm in a hurry. I'm going to take some boxing lessons."  
 "Oh, are you learning to be a pugilist?"  
 "No, an undertaker."

The suitor whispered to the gal's kid brother, "I've got an urge to kiss your sister. Yes, sir, an urge and a half!" The kid replied, "Well, give me the half and I'll leave the room."

### TSK! TSK!

There was a young man from the city,  
 Who met what he thought was a kitty;  
 He gave it a pat,  
 And said, "Niece little cat!"  
 And they buried his clothes, out of pity.

Mother: "Sally, I saw you deliberately put your arms around Fred's neck and kiss him."  
 Sally: "Well, he had to have it somehow. He's too honest to steal and too proud to beg."

"Never state as a fact anything you are not certain about," the professor instructed his class in journalism, "or you will get into libel suits. In such cases use the words 'alleged,' 'claimed,' 'reputed,' and so on."

A month later one of the bright students of the class submitted the following society note to the college paper: "It is rumored that a card party was given yesterday by a number of reputed ladies. Mrs. Smith, gossip says, was hostess. It is alleged that the guests with the exception of Mrs. Brown, who says she hails from Porterville, were all from here. Mrs. Smith claims to be the wife of Jonathan Smith, the so-called 'Honest Man' trading on Adams Street."

### Ye and Verily

"Knowest thou how to bringe uppe the childe?"  
 "Certainly, sluggard."  
 "Then snappe to, for thy childe is at the bottom of ye cisterne."

Policeman—I've 'ad me eye on you for some time, Miss. Lady Motorist (archly)—Oh, constable! Just fancy! and I thought that you were pulling me up for speeding!

### A Diplomat

"Why don't you buy something at my table?" demanded the girl at the charity fair.  
 "Because I only buy from the homely girls," said the man. "They have a harder time making sales."  
 The girl was not offended, and the man worked the game right down the line.

Co-ed: Your boy friend is said to be very talented in the athletic field.  
 Chum: Yes, we park there every night.

### Mary had a little lamb

A lobster and some prunes,  
 A glass of milk, a piece of pie,  
 And then some macaroons;  
 It made the naughty waiters grin  
 To see her order so;  
 And when they carried Mary out,  
 Her face was white as snow.

And then there was the condemned golfer who asked the hangman, "Mind if I take a couple of practice swings?"

Customer: "Take a look at what you did to this!"  
 Laundryman: "I can't see anything wrong with that piece of lace."  
 Customer: "Lace, hell, that was a sheet!"

A red-haired boy applied for a job in a butcher shop. "How much will you give me?"  
 "Three dollars a week; but what can you do to make yourself useful around a butcher shop?"  
 "Anything."  
 "Well, be specific. Can you dress a chicken?"  
 "Not on \$3 a week," said the boy.

"That man has made a fortune getting around pretty girls."  
 "I'll bet he's a gigolo."  
 "No, dearie, he's a girdle manufacturer."

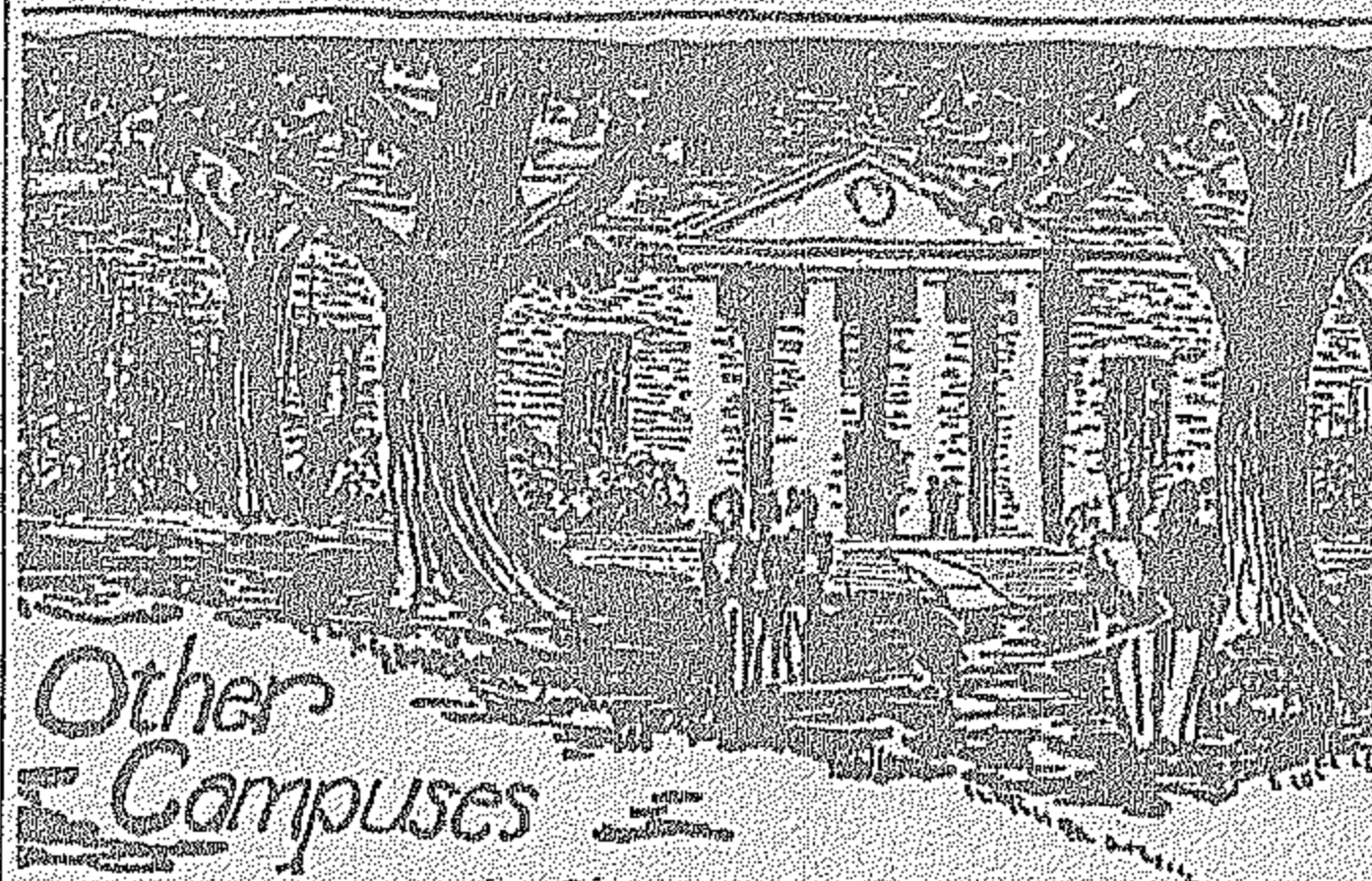
Bill Brown kept a store at Farlington. One day he set off for New York to buy a lot of goods. The goods were shipped immediately; and as Bill had lingered in New York sightseeing, they reached Farlington before him. The goods, in an enormous packing-case, were hauled to the general store by the local teamster. Mrs. Brown came out to see the box unloaded, and suddenly, with a piercing scream, tottered and fell.

"Oh, wha's the mater, ma'am?" cried the drayman.  
 Mrs. Brown, her eyes blinded by tears, pointed to the packing case, whereon was stenciled in large black letters: "BILL INSIDE."

A June bug married an angle worm;  
 An accident cut her in two.  
 They charged the bug with bigamy;  
 Now what could the poor thing do?

Some of "me frens" have been tellin' me that men with single track minds usually tell stories with double meanings.

OH MIN!



## Other Campuses

That the freshman class of the Michigan College of Mining and Technology are ambitious is proven by the fact that they appeared at 7:00 in the morning for a mining lecture which was scheduled for 7:00 P. M.

The holding of the premiere of the new picture "Dark Command" at Lawrence, Kansas, home of the U. of Kansas, caused a great deal of commotion there. Students of the university participated in an elaborate pageant depicting incidents pictured in the movie. Four students of the university were also chosen to accompany the movie stars present to the premiere.

Harry Rimmer, individualistic evangelist, announced a lecture at Wheaton College on the subject "Sodium Chloride." He took for his text, "Ye are the salt of the earth."

Ernest Hutchins, U. of Minnesota student, was fined \$5 for sneaking up behind Patrolman Maurice Kohler and shouting "boo." "If everyone shouted 'boo' there would be no respect for the law," complained the patrolman.

Prof. Yandell Henderson, psychologist of Yale University, gives the following as the limit which a person should indulge before he tries to drive, before a meal—one cocktail, one highball, one shot of straight whiskey or gin, or one quart of beer. After a meal—double these amounts.

Theodore Spence, popular English literature professor at Harvard University, was regretfully discharged last year because a permanent post vacancy could not be found for him. Thereupon, he was immediately hired by Cambridge University in England. Because of the war he was unable to leave this country and was given a one year appointment at Harvard as visiting lecturer from Cambridge, even though he had never been within 2000 miles of Cambridge.

The 55 leading medical schools in the United States have invented a total of 336 different titles for their 2,418 professors. These include such dollar phrases as "Professor of cardiovascular diseases" and "Professor of otorinolaryngeology."

The New York Institute for the Education of the Blind has a camera club composed of blind persons who have completed its course in amateur photography and learned how to take, develop, and print their own pictures without assistance.

Psychology students of Georgia Southwestern College fear the following things most—snakes, drunks, water, wild animals, mad dogs, fire, stormy weather, reckless driving, and high altitudes. Can it be possible that they don't have final exams?

Tests made between 1925 and 1931 at Purdue University to determine the most efficient air-braking system for freight cars required an average of one hundred men working eight hours a day for the entire six years to make and compile data comprising sixty volumes. All this cost more than \$3,000,000.

That the freshman class of the Michigan College of Mining and Technology are ambitious is proven by the fact that they appeared at seven o'clock in the morning for a lecture scheduled for 7:00 P.M.

Campus opinion: A college professor is a textbook wired for sound. A modern father is wired for money. Coeds are live wires. Those who live in the Y.M.C.A. are Y'ers. Students who ask too many questions are whyers.

A sight leaf and other parts from a Browning machine gun were stolen at a recent University of Kentucky military ball where they were used as decorations. Soldiers just can't relax if they want to keep their arsenal.

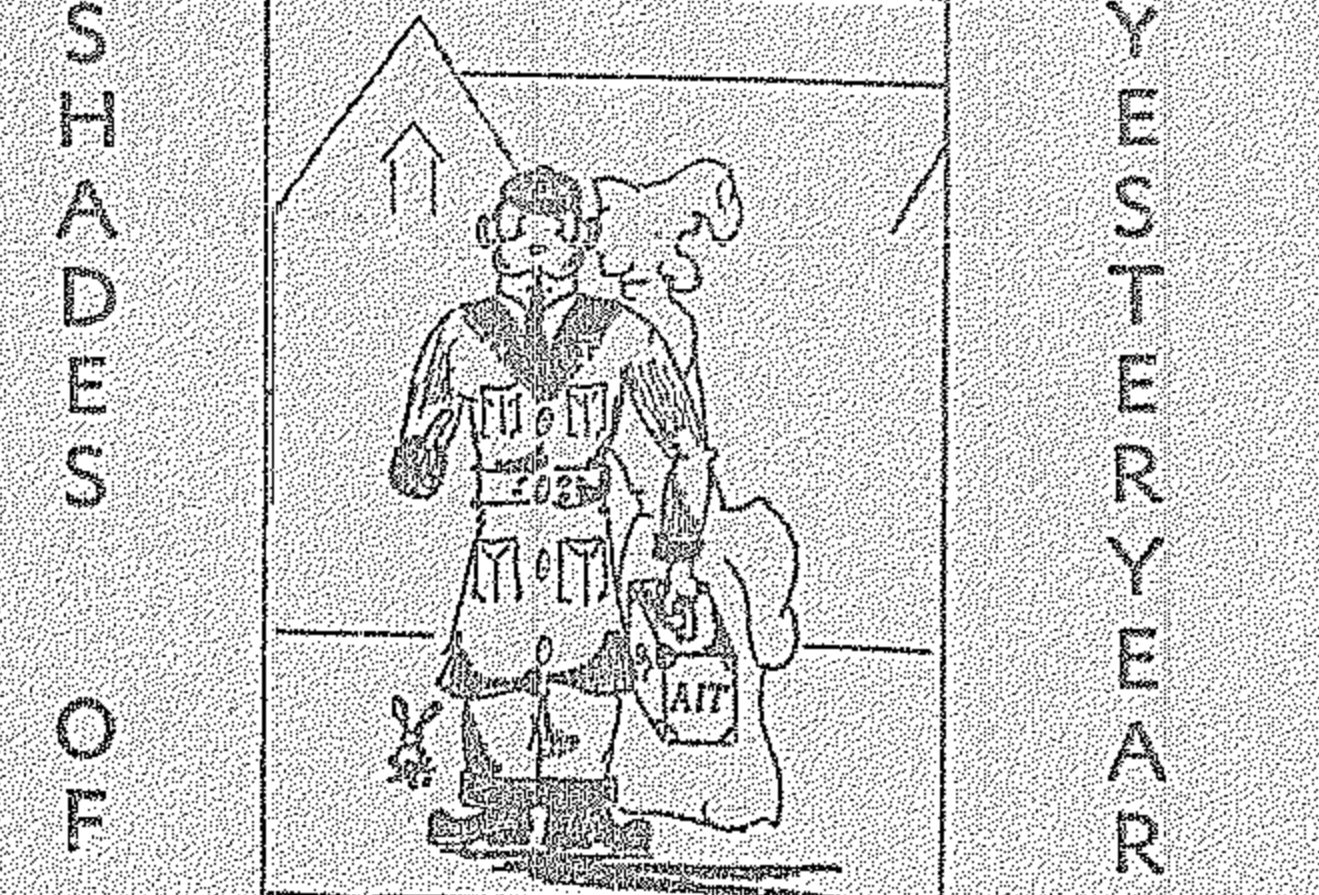
College librarians also have their troubles. The librarian at Glenville, W. Va., State Teachers College was asked for a book entitled "Forty Ways to Amuse a Dog." The person actually wanted "Forty Days of Musa Dagh." We would probably make the same mistake.

Brigham Young University of Provo, Utah is presenting a modern morality play. Some of the characters are Everywoman, Vanity, Beauty, Shape, Curves, Smiles, Vice, Modesty, Nobody, Bluff and Stuff, Dimples, and King Love the First.

## PLATTER PATTER

By Bob Saigh

- ### CHOOZY CHOICES
- "Say It"—"My! My!" Glenn Miller and His Orchestra (Bluebird, 10613).
  - "Night and Day"—"Beyond the Moon," Benny Goodman (Columbia, 35410).
  - "The Tale of the Rose"—"This is the Beginning of the End," Tommy Dorsey and His Orchestra (Victor, 26555).
  - "No Name Jive"—2 Parts, Glen Gray and the Casa Loma Orchestra (Decca, 3089).
  - "Star Dust"—"My Melancholy Baby," Glenn Miller and His Orchestra (Bluebird, 10665).
  - "Me, She's Making Eyes at Me"—"Tie Me to Your Apron Strings Again," Kay Kyser (Columbia, 35411).



## SHADES OF YESTERYEAR

By Bud Murray

In 1914, under coach John Schommer, Armour Tech's "nine" defeated Chicago U.'s "nine" to claim the championship of the "Big Nine" title of middle west.

The result of a union with the Art Institute of Chicago in 1899, was the Chicago School of Architecture.

The attendance at assemblies in former years more than doubled the usual attendance of late; reason, to attend was compulsory.

Even 30 years ago, in 1910, Armour had a reputation near and far. Fourteen foreign countries were represented by 21 students. That isn't all, twenty-nine states were represented by 575 students.

May 6, 1906, with the aid of Rockefeller's millions, the U. of Chicago attempted a merger with Armour for the sole purpose of introducing a school of engineering to their curriculum.

Professor Rufus Oldenburger of the Math. Dept. at one time offered \$100 cash to any student who found a problem in any college math text which he could not solve.

A Chinese Student Club was organized at Armour five years ago. The purpose of this organization was to make it possible for the Chinese students to exchange ideas of both social and scientific interest with their Chinese friends of other Middle West colleges.

## CO-OP NEWS

E. P. Hanuska

From time to time this column will be turned over to literary-minded Co-ops in order to give them a chance to express themselves and their class. Our first guest columnist is Bert Milleville, 3-b, whose interesting comments appear below.

Well it seems that fate, in the guise of Ed Hanuska, has decreed a "New Deal" for the Co-op column and named yours truly as first guest columnist. It is sincerely hoped that fate hasn't made too big a mistake. It now looms as a strong possibility that Doc Anderson is psychic, for it was he who suggested the presence of a "Winchell" in the pre-junior class.

Big event of the week for the Co-ops as a group was the outstanding exhibition presented by cooperating companies at Open House. A large portion of the entire Co-op department was represented in the preparations for and conduct of the exhibit.

Top laurels for individual effort go to John Catlin for his uncanny design-making machine. Noisiest exhibit was Ray Lind's pride and joy, that of the Mall Tool Co. Ray enticed unsuspecting onlookers to grasp a big concrete-vibrator, then turned on the power. As a result his victims had the choice of dropping the infernal thing or having their bridgework loosened. Most of them dropped it, and upon hitting the floor, it gave a good imitation of a machine gun in action. Dick Bagdon had some trouble convincing one gent that the comptometer is not destined to be replaced by the slide rule.

A neat bit of contrast was provided by the Wrisley Soap Co., with pastel colors and dainty perfumes set against a background of gears and machinery.

Bob Jensen is no longer awed by Fred Brown's talk about women. Bob claims Fred says more than he can prove. Fred can't understand how he lost track of a blonde he claims was following him around Wednesday night.

It was only at the last minute that Fred Krahulec, charge de affairs for the exhibit, discovered that the entire basement of Machinery hall could be used. A sardine packing expert would have been needed to get everything in the west half of the room, as had been originally planned.

Taking an active part in the other Junior Week activities, the Co-op baseball team fought its way to the final in the baseball tournament, and walked away with the marble contest under the leadership of Swan, I-B. A touch of civil strife was encountered between the Freshman and Sophomore Co-ops taking part in the rush on Friday afternoon. An armed truce concluded the activities after the Freshmen had been properly squelched.

All this participation in school activities is indicative of the increasing importance of the Co-op Department in the school. It is to be expected that the largest single group in the school should predominate in extra-curricular activities, and there is a positive, growing trend tending to bear this out. Congratulations are in order for all who worked and took part in the Junior week program, and thanks are in order to the kind fates which gave us all the Junior week material to write about. With this last we take our leave till another day.

Guest columnist for next week will be Ed Wierzbicki, 5-B, who will give us a first hand account of the opinions, activities, intrigues, loves, etc., of the senior class.

## Seniors Squeeze Out 3-2 Victory Over Co-ops in Baseball Tourney

### Victors Murder Juniors 25-2 to Enter Final Game

The Seniors defeated the Co-ops in the championship game of the twelve inch fast ball tournament last Friday morning by the score of 3-2. The Seniors gained the final round by downing the Juniors 25-2. The Co-ops defeated the Sophomores, who had won over the Frosh in an earlier game.

#### Scherer's Single Counts

The Seniors got their first run in the last half of the first inning when Scherer singled, went to second on Wolniak's base hit, and scored on a hit by Puhl. The Co-ops went ahead in their half of the third, scoring two runs on a single, a double, and another single. This completed the scoring for the Co-ops.

In the last of the fourth, the Seniors went ahead when Oldenburg started off with a hit, Puhl flied out, Reggers struck out, Lacker singled, and Stimpel doubled.

#### Bill Gives Four Hits

Colontanio pitched good ball for the Co-ops, allowing only six hits while striking out five. Scherer pitched for the Seniors and also pitched a good game, allowing just four hits.

### Sophs Win Bloody Game

After a bloody battle in which there were three casualties, the Sophs finally eked out a 9-8 victory over the fighting frosh. It was a see-saw battle, with the sophs winning 3-2, until the fifth when the frosh scored seven runs off of Jencuis' pitching. However, the sophs refused to give up and rallied to score one in the fifth, three in the sixth, and two in the seventh to defeat the class of '43.

#### Sieg Breaks Arm

Sieg started the third with an apparent double to left, but as he rounded first, he slipped on the grass and fell, breaking his left arm near the elbow.

Byrne pitched 6 1/2 innings, allowed 9 runs, 7 hits, and struck out 9. Sieg pitched three innings, allowed one hit, one run, and struck out 4. Jencuis pitched four innings, allowed 7 runs, 5 hits, and whiffed four men.

#### THIS WEEK'S GAMES

**Tuesday—**  
9:00—4B Co-ops-Soph E. E.  
11:00—Sr. Mechs-Comets.  
12:00—5B Co-ops-Jr. E. E.  
2:00—Soph Mechs-Nameless Wonders.  
**Wednesday—**  
9:00—Jr. Mechs-1B Co-ops.  
10:00—Sr. E. E.-3B Co-ops.  
Remaining schedule will be posted Wednesday.

## Boilermakers Whip Netmen

The netmen broke their winning streak at three straight last Tuesday with a 5-2 defeat at the hands of Purdue at the Indiana school. Captain Ralph Wagner continued his winning ways with the only Techawk win in the singles matches. Wagner and Schultz chalked up their fourth win in a row as a doubles combination.

#### Lange Gets Sick

In the singles play Nick Natinchek lost in two sets, 6-1, 6-3, to Fuente. Purdue's No. 1 man, Bob Lange, at the No. 1 spot, drew Hebel and lost 1-6, 6-3, 0-6. Lange took sick after the meet at Purdue and was sent home.

Playing No. 3, Captain Wagner lost his first set 6-2, to Anderson, but came back to take the match on the next two sets, 9-7, 6-2. Mike Schultz, as the No. 4 man, won the first set of his match with Lucht, 6-3, but lost the next two 6-0, 6-3. Richards, Purdue's No. 5 man, had an easy time beating Dunworth, 6-1, 6-0.

In the doubles matches, Natinchek and Dunworth, paired as the No. 1 doubles team, lost to Fuente and Hebel, 7-5, 6-1. Wagner and Schultz, playing No. 2 doubles, lost their first set to Bergan Michaus, but won the next two, 6-2, 6-2 to take the match.

### Delts Winners In Fraternity Track

A powerful Delta Tau Delta track team ran away with the interfraternity track meet, Thursday afternoon as their opponents put up very weak competition in most of the field events. The Delts garnered an aggregation of 48 points to a total of 26 for the second place Alpha Sigs.

#### Score Six Wins

In six out of the total nine events, the Delt squad captured first place, and only in the mile run did they fail to score a point. Bill Suthers led the scoring with firsts in the high jump and discus and a second in the broad jump.

Jackowski of Theta Xi came through to capture first honors in the mile, whereas the Alpha Sigs scored six points by counting two, three, four in the same event. Jackowski again took honors in the half-mile run to score a total of ten points for Theta Xi.

#### Other First Places

Bill Rush grabbed off first place for the Phi Kaps in the broad-jump, whereas Alpha Sig's Plenger stole the remaining winning ribbon in the 220 yard dash.

All eight fraternities were represented in the competition, although the highest scoring frats also had the largest number of contestants.

### Co-ops Win Mib Tourney

The Co-ops overwhelmed the field in the annual interclass marble tournament which was one of the many features of Junior Week. The high scorer for the Co-ops was Swan who shot a total of twenty one marbles out of the ring. The scores were as follows: Coops—52; Sophs—42; Juniors—34, and the Seniors—9. The Freshmen were unable to participate, no doubt the Sophs had a slight influence upon them.

### Bujan, Svagdis Cop Pentathlon Honors

At 1:00 p.m., Tuesday, May 7, the opening sporting event of a very excellent Junior Week, was staged on Ogden Field. This contest was the pentathlon in which two groups, one composed of lettermen and one of non-lettermen, competed in a five-event track and field marathon, the winners being the men with the highest aggregate of points.

Al Bujan had a very close battle with his fellow lettermen, but managed to tally fifteen points to beat out Charles Ryant who totalled thirteen points. Bujan scored one first, three seconds and one fourth place. Victor Svagdis collected 11 1/2 points to whip the large interclass field. He captured a first in the low-hurdles and scored in three other events. Charles McCullough and Bill Watson each had eight points.



By Fred DeMoney  
Our predictions on Junior Week Activities were slightly more than a wee bit wet, bordering on the .000 side, so, this week we hang out Tech Shorts to dry in the breeze.

**LAST WEEK'S RESULTS**  
4B Co-ops, 11; Sr. Chems, 10.  
5B Co-ops, 7; Comets, 3.  
Boosters, 16; Nameless Wonders, 2.  
Jr. E. E., 11; Bruins, 2.  
Soph E. E., 10; Soph Chems, 1.  
Sr. Mechs, 10; Jr. E. E., 1.  
Jr. Mechs, 8; Soph C. E., 2.  
Jr. F. P. E. forfeit to 1B Co-ops.

### BATTING AVERAGES

Player	C.	A.B.	R.	H.	R.B.I.	S.O.	B.B.	E.	B.A.V.
Krause	9	35	2	12	5	3	4	2	.343
Lykowski	5	3	0	1	1	1	1	0	.333
Bauch	7	23	4	7	4	1	3	0	.304
Yursis	7	11	3	3	0	1	3	1	.286
Rehwaltd	9	31	5	8	3	6	2	0	.258
Lukens	7	25	1	6	4	3	0	0	.240
Player	6	17	2	4	1	4	0	4	.236
Grosse	9	28	4	6	2	4	1	1	.214
Mueller	9	38	2	8	1	8	0	1	.211
Carrier	9	28	3	3	2	19	1	6	.107
Thodos	8	19	2	2	1	4	0	6	.105
Leonard	9	35	3	3	1	8	3	7	.086
James	7	15	0	0	0	7	0	0	.000
Wolniak	1	1	0	0	0	0	0	0	.000
Achinakian	4	3	1	0	0	3	0	0	.000
Olson	1	1	0	0	0	0	0	0	.000
Boarini	1	1	0	0	0	1	0	0	.000
Team	9	311	32	63	26	72	22	28	.202

### PITCHER'S RECORDS

Player	G.	I.	R.	H.	B.B.	S.O.	H.P.E.	E.R.	W.	L.	Pct.
James	5	20	9	13	9	16	3	6	1	2	.333
Yursis	6	36	24	40	11	41	2	13	1	4	.200
Player	6	21	11	12	23	17	0	10	0	1	.000

Legend—G—Games; AB—At Bat; R—Runs; H—Hits; R.B.I.—Runs Batted In; K—Strike-out; B.B.—Walks; E—Errors; I—Innings; H.P.E.—Hit by Pitched Ball; E.R.—Earned Runs; D—Win; L—Lost.

## Techawks Beat Augustana 10-7; Bow to DeKalb Homeruns 6-3

### Four-run Rally in Sixth Wins Game

At the end of five innings, Alex Yursis held a 2-1 lead over DeKalb as the Techawks were battling on the home diamond last Monday afternoon. In the initial half of the sixth, there came a terrific four-run rally on the part of the DeKalb lads. Lewis smacked a homer with two men on to score three runs and then after two were gone, a grouping of three singles garnered another run. The final score was 6-3, DeKalb winning.

#### Player Replaces Yursis

Coach Stenger sent a revised lineup onto the field during the seventh frame. The changes showed Player replacing Yursis on the mound, Carrier came in to play centerfield, and as Bauch was injured by a foul tip, Lukens replaced him at catcher. Mueller, Rehwaltd, Lukens, and Player each collected two hits to swell the Armour total to eleven against twelve counted for DeKalb. However, the Techawk bingles were well scattered and they only produced one run at a time.

#### Rally Falls

Player opened the ninth with a single and after two were out he scored on successive hits by Mueller and Leonard. The DeKalb pitcher was driven from the mound, but the rally ended when Rehwaltd popped out. The teachers contributed six errors to the Armour cause, but the Tech nine could not successfully avail themselves of the DeKalb generosity.

Armour Tech (2)				DeKalb (6)			
Player	Pos.	AB	R	Player	Pos.	AB	R
Mueller, 2b	5	6	2	Kaley, 2b	5	1	1
Leonard, ss	5	6	1	Long, cf	5	2	2
Rehwaltd, rf	5	1	2	Young, 1b-rf	5	1	3
Krause, lf	4	0	0	Lewis, ss	4	1	1
Bauch, 2b-cf	3	0	1	Appler, rf	2	0	0
Thodos, 2b	1	0	0	Gardard, c	2	0	0
Lukens, cf-c	4	0	2	Jarvey, c	4	0	0
Player, 1b-p	4	1	2	Smith, 1b	0	0	0
Grosse, 2b-cf	4	0	1	Krahenbuhl, 3b	4	1	3
Yursis, p	1	1	0	Priece, lf	4	0	1
Carrier, 1b	1	0	0	Peppier, p	3	0	1
Lykowski, p	1	0	0	Garriz, p	1	0	0
Totals	38	3	11	Totals	36	6	12
DeKalb	601	604	100	6	12	6	
Armour Tech	611	521	65	3	11	0	

### Hitting, Fielding Stand Out in Win Over Rock Island

A rollicking baseball team journeyed to Augustana College last Thursday and returned to Armour boasting a 10-7 victory over the Rock Islanders. Three runs in the eighth and two for good luck in the ninth overcame the 7-5 lead piled up by Augustana in the first seven innings. Ed Player, Armour's starting pitcher, was knocked from the box in the seventh and Alex Yursis, who came in to pitch, was credited with the win when the Techawks staged their late inning spree.

#### Ten Stolen Bases

Lightning was on the base paths as Armour's streaks stole ten bases during the course of the encounter. Every Techawk, with the exception of Leonard, managed to scare up a hit, but "Captain Frankie" made up for his batting by staging a brilliant exhibition at his shortstop position.

#### No Armour Errors

In the eighth, the Stengermen combined four timely hits with a base on balls and pushed three runs across the platter. Pitcher Yursis laid down a perfect sacrifice bunt to contribute towards one of the two tallies chalked up in the final inning.

The remarkable feature of the game was the excellent all round fielding turned in by Armour. For once, there were no Tech errors throughout the contest.

Armour (10)				Augustans (7)			
Player	Pos.	AB	R	Player	Pos.	AB	R
Grosse, 3b	5	2	2	Metz, 2b	2	1	1
Mueller, 2b	5	1	2	Maloney, 3b	4	0	0
Bauch, cf	4	2	2	Allison, ss	4	3	2
Krause, lf	4	0	1	Hoglund, c	4	1	1
Lukens, c	5	0	1	W. Carlstrom, rf	2	1	1
Rehwaltd, rf	5	0	2	Hormen, cf	4	0	1
Leonard, ss	4	0	0	Gibson, lf	4	0	0
Carrier, 1b	4	2	2	Cabel, 1b	1	0	0
Player, p	3	1	1	Fryles, 1b	4	0	0
Yursis, p	1	1	1	E. Carlstrom, p	2	0	0
Totals	40	10	14	Totals	31	7	6
Armour Tech	602	120	62	10	14	0	
Augustana	602	650	200	7	6	4	

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5 EXTRA SMOKES PER PACK!

## Gold Statue Awarded to Sophs As They Defeat Frosh in Rush

Climaxing a week of honest to goodness fun, a goodly portion of the student body turned out last Friday afternoon to witness the presentation of awards earned during Junior Week. President Heald, Dean Tibbals and others of note were present to add a touch of "finish" to the festivities.

### Sophs Win Cup

Of singular importance was the gold statue awarded to the sophomores for having accumulated more straw bags than the freshies in the annual "rush." This gold cup was donated by the class of '41 and is concrete evidence of the interest the upper classmen have in Junior Week activities. President Heald presented this award to the sophomore president amid a tumult of cheers from the sod laden, pantsless and slightly odiferous sophomores. The senior baseball club was then made the proud possessors of the silver baseball trophies, for having defeated a strong Co-op team earlier in the day.

### Co-ops Show Power

Baseball wasn't the only sport at which the Co-op power was felt. The mighty combiners of work and study came off their high pedestals to shoot "mibs" with other "shooters." In

but Fred Till, senior mechanical, finally outclimbed the others and as a result received free passage to the Junior Informal, which incidentally, was a "wow."

### Interfraternity Pageant Interests All

Each year the social fraternities connected with Armour exhibit their ability at legitimate acting. This one event is always depended on to produce a good number of laughs, and this year was not by any means an exception. The Snow Cruiser, Mr. Allison, Dean Tibbals, and President Heald all were well represented or should it be mis-represented? Delta Tau Delta with their Snow Cruiser featuring Dr. Poulter was decided by the judges to have been the best, the interfraternity council provided the trophy which the Delts were awarded.

### Goetz Captures Pie Contest

LeRoy Goetz, Junior Civil, was found to have the largest mouth when opened wide and this unfair advantage was employed in capturing the Pie Eating Contest.

In spite of the fact that the interclass pageant was poorly supported by the various classes, the Junior Chems showed their interest by pre-

## NEW YORK TRIP—

(Continued from Page One)

research work and his development of the electric starter) previous to the banquet and hearing (five of us) his explanation of a special instrument for measuring minute displacements; in this particular case the deflection of a 150 pound railroad rail due to loads of as little as a fraction of an ounce up to many tons. Other men we met personally were Mr. Sloan, chairman, and Mr. Knudsen, President of General Motors Corporation.

### Officials Speak

The program after the dinner consisted of a short welcome by Mr. Sloan and Mr. Knudsen, a talk by Mr. Kettering on the great industrial and research problems yet to be solved, and a quizzing of experts (Mr. Kettering, Mr. Johnson, Mr. Compton, and Mr. Hopkins) by Mr. Fadiman in the traditional "Information Please" manner. All questions used were those previously submitted by students attending the conference and concerned problems of youth in industry.

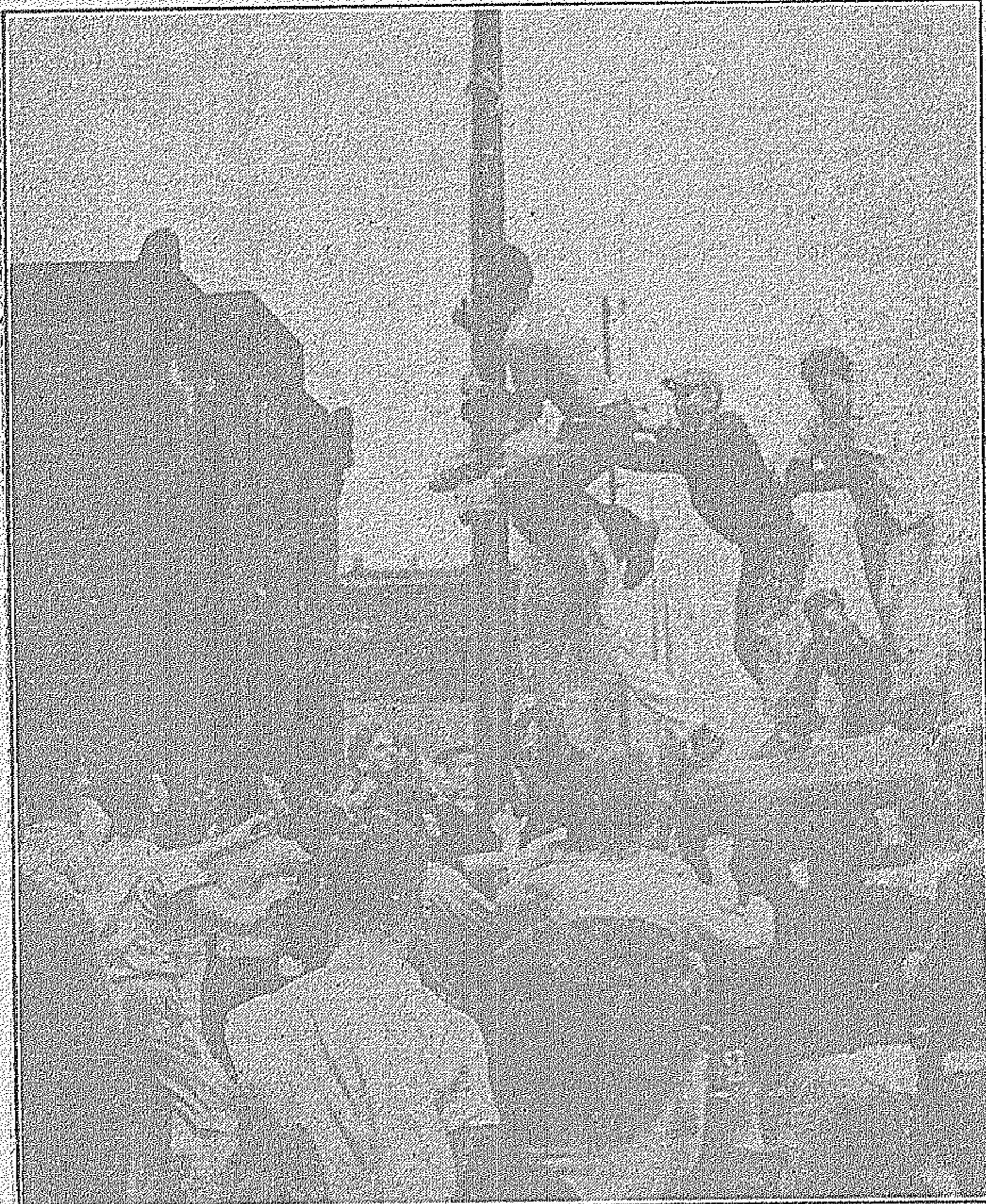
Many students attending the conference were forced to return home immediately in order to attend classes, some taking advantage of the airline services. However we were fortunate in having no classes (Junior Week) and were able to extend our trip.

After an exhausting tour of the Brooklyn Bridge, Times Square, New York, the Hudson river, the



Prof. J. D. Larkin, Peter Woods, and Jack Clark at testimonial dinner given in General Motors Exhibit of New York World's Fair.

Washington, to join his father in a tour of the Nation's Capitol, returning to Chicago Sunday.



Obergfell almost reaches the top in surprise "Greased Pole" contest featured during Junior Week festivities. Picture shows Shaver and other students attempting to stop Howie's effort.

In spite of a strong Junior aggregation the Co-op sharpshooters outshot the Juniors 52 to 45. The greased pole contest afforded a great time for all who cared to try their hand. The object, of course, was to reach a handkerchief tied to the near top of the pole. Here too the Co-ops tried to dominate with strength, trickery, etc.

senting a skit concerning "early morning exercises. They were awarded a cup as provided by the Junior class.

Although hard pressed by a strong Junior representation, the Senior trackmen outwitted their opponents and were the victors in the interclass track meet.

## CONCERT AND 'SING'—

(Continued from Page One)

tors, the members of the musical club left their places on the stage to join with their respective fraternities in the balcony. He then introduced Mrs. Anna C. Oretutt, Mr. William N. Setterberg and Mr. James G. Potter, who were the judges of the Sing.

First, Pi Kappa Phi sang their beautiful "Rose of Pi Kappa Phi." For their second number the Pi Kaps chose their "Drinking Song."

Triangle was next with "Triangle Dream Song" and the appealing "Triangle Pals."

Rho Delta Rho, Sigma Alpha Mu, Alpha Sigma Phi, Theta Xi, Delta Tau Delta, and Phi Kappa Sigma completed the Sing, in that order. After the Sing, four Junior Marshalls, Frank Pfeffer, James Murray, Rudy Zoellner and Charles McAleer sang "After the Ball was Over."

After a fifteen minute intermission, Dean Charles Austin Tibbals presented Phi Kappa Sigma the cup for their singing.

"Chinese Temple Garden," as performed by the Armour orchestra under the direction of Mr. Erickson, was a perfect melody.

## ELECTRICAL—

(Continued from Page One)

sages between themselves from keys and coded tapes to paper. Near the corner of the room, on a platform, and played by a lady, stood a Novachord, a musical instrument with one set of piano keys, fourteen controls, and over 160 radio tubes, capable of imitating any instrument and creating new tone colors as well. Here also was a color organ, a brilliant set of fluorescent neon tubes, and a professional demonstrator showing the correct use of the cradle telephone.

## OPEN HOUSE—

(Continued from Page One)

ini and Shapiro theory of fugacity was superb.

The physics department's exhibits of wave forms and uses running from the longest to the shortest wave lengths, including heat waves from the lowest end of the scale to cosmic rays at the high end of the scale. Among the more outstanding exhibits in this lab was the quite complete liquid air display which was effectively explained by three sophomore physics students.



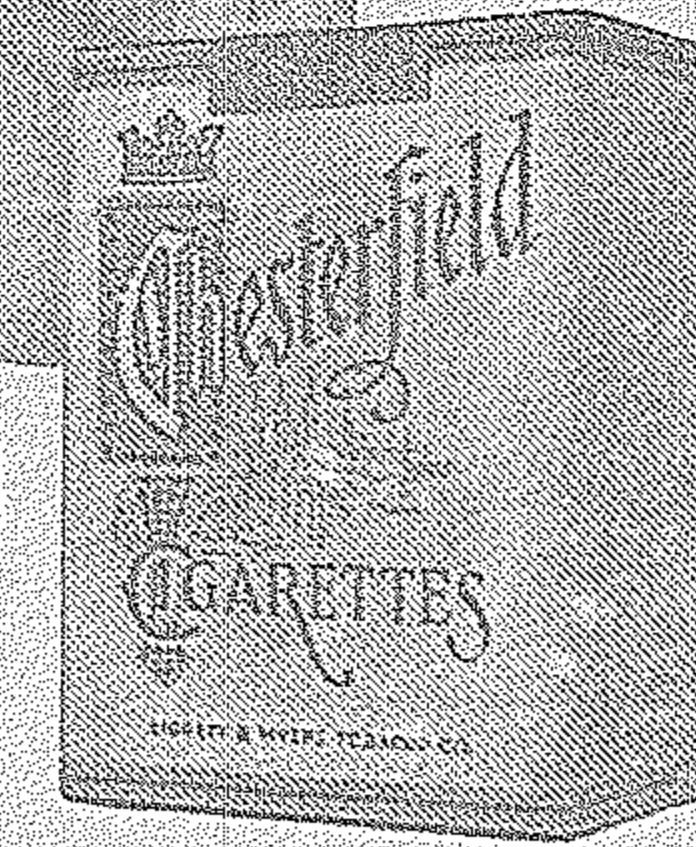
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