

Junior Informal at Westward Ho To Climax Open House Week

Novel 'Report' Bids Are To Be Featured

"Go West young man, go West," was excellent advice when Horace Greeley gave it many years ago, and it still holds true, especially this Friday evening at 9:30. At that eventful minute, or thereabouts, the baton in the hand of Johnny Gilbert will descend to start the flow of rhythm which will emanate from his 11-piece orchestra 'til 1:00 in the morning. The occasion, of course, is the big Junior Informal which tops off the strenuous activities of Junior Week, and closes the Armour social season.

Many Facilities Available

If the "Go West" advice is followed, the young man—and lady—will find themselves at the lovely Westward Ho Country Club, the latter possessing a beautiful ball room. The hall has a capacity of 350 couples, with adjoining lounges, a restaurant, and a portable refreshment stand.

Johnny Gilbert's fine orchestra drew "raves" from those members of the junior committee who heard it at a recent dance in the Merchandise Mart. In addition to scintillating music, the band has two featured vocalists, and almost everything else that could be desired. Everyone will agree after attending the Informal that Johnny Gilbert is in the "up and coming" class.

Demoney Originates Novel Bid

Fred Demoney should get a few pats on the back for the exceedingly clever bids produced by his fertile mind. They are in the form of a miniature report cover with the interior pages printed on graph paper. A small map showing the route to the country club graces the first page of the midget report book, while the usual information as to time, place, orchestra, etc., are on succeeding pages. These bids can be obtained from many students, from the bookstore and from the registrar's office at \$1.75.

The social committee promises, among other things, a moon, June weather, and a dark veranda. Promised also is a great big, deep, dark surprise.

Two Leading Students See New York Fair

Through the generosity of the General Motors Company, two of Armour's leading students, Jack Clark and Peter Woods, are spending this week at the New York Fair. The two men attended a dinner last night which was held at the General Motors "Highways and Horizon" exhibit on the World's Fair Grounds. The meeting, which had for its theme "A Challenge to Youth in Building the World of Tomorrow," was held to celebrate the re-opening of the Fair. High ranking students were invited from leading colleges and universities all over the country.

Kettering Speaks

Guest speaker at the dinner was Dr. C. F. Kettering, an eminent authority on advanced technology. Besides the entertainment afforded at the dinner, General Motors planned various activities for their guests. Probably the most attractive of these was a tour of the World's Fair grounds.

Dr. Larkin Leads Armour Group

Besides Jack Clark and Peter Woods, the Armour contingent includes Dr. J. D. Larkin of the Social Science Department as the faculty representative. Peter Woods was selected for the trip in view of the fact that he is in Editor-in-Chief of the *Armour Tech News*, and Jack Clark because of his position as President of the Armour Tech Student Association. Woods, a fifth year Cooperative student employed by the Chicago division of the Link-Belt Company, is planning to combine business with pleasure by visiting the Link Belt plant in Philadelphia. Jack Clark, accompanied by his father, is planning a trip to Washington after the New York tour has been completed.

Concert, Exhibits and Pageants Are Planned for Week

Junior Week, with its exhibits, events, and activities, is a planned period of recess in the year's steady drive of knowledge-seeking. It affords a rest period before the last minute 'cramming' for the finals.

The week's program includes a well balanced variety of relaxation, informative education, and exercise. Such a program provides the obvious need of cooperative playing after a year's cooperative working together.

Outstanding Exhibits

On the educational side are the Open House exhibits Tuesday and Wednesday evenings. Of particular interest are the Organic and Physical Chemistry exhibits on the third and fourth floors of the Main building, the foundry exhibit in Machinery Hall, fourth floor, civil engineering exhibits in Chapin Hall, south and the electrical exhibits on the second floor of Main.

Besides these yearly standbys, the

(Continued on page four)

Athletic Banquet to Be Given May 22; Awards Presented

The final chapter of the 1939-1940 athletic season will be written officially May 22 at the annual A.T.S.A. Athletic Banquet, the site of which has not as yet been decided. Guest speaker of the evening is to be George Halas, coach of the Chicago Bears, if the present plans keep intact. Master of ceremonies for the evening will be the amiable John J. Schommer who needs no introduction in any athletic circles. Monogram winners of spring sports will be presented with their well earned awards at this party. This is the first time the awards for all sports will not be distributed at one time. The general assembly held last Monday saw the fall and winter awards entrusted to their rightful owners.

Present plans indicate approximately 100 active Armour athletes will be on hand for the dinner party on the 22nd. Not only the spring award winners will be honored but also those who received their emblems last Monday morning.

Next A.S.M.E. Officers Picked

On Friday, April 26, at the regular meeting of the Armour Chapter of the American Society of Mechanical Engineers, officers for the ensuing year were elected and installed. John E. Sauvage has been chosen president; Richard B. Nolte, vice-president; William G. Hahn secretary; and Edward Floreen, treasurer. The next meeting which will be held on Friday, May 17, will witness the election of the honorary chairman for the coming year.

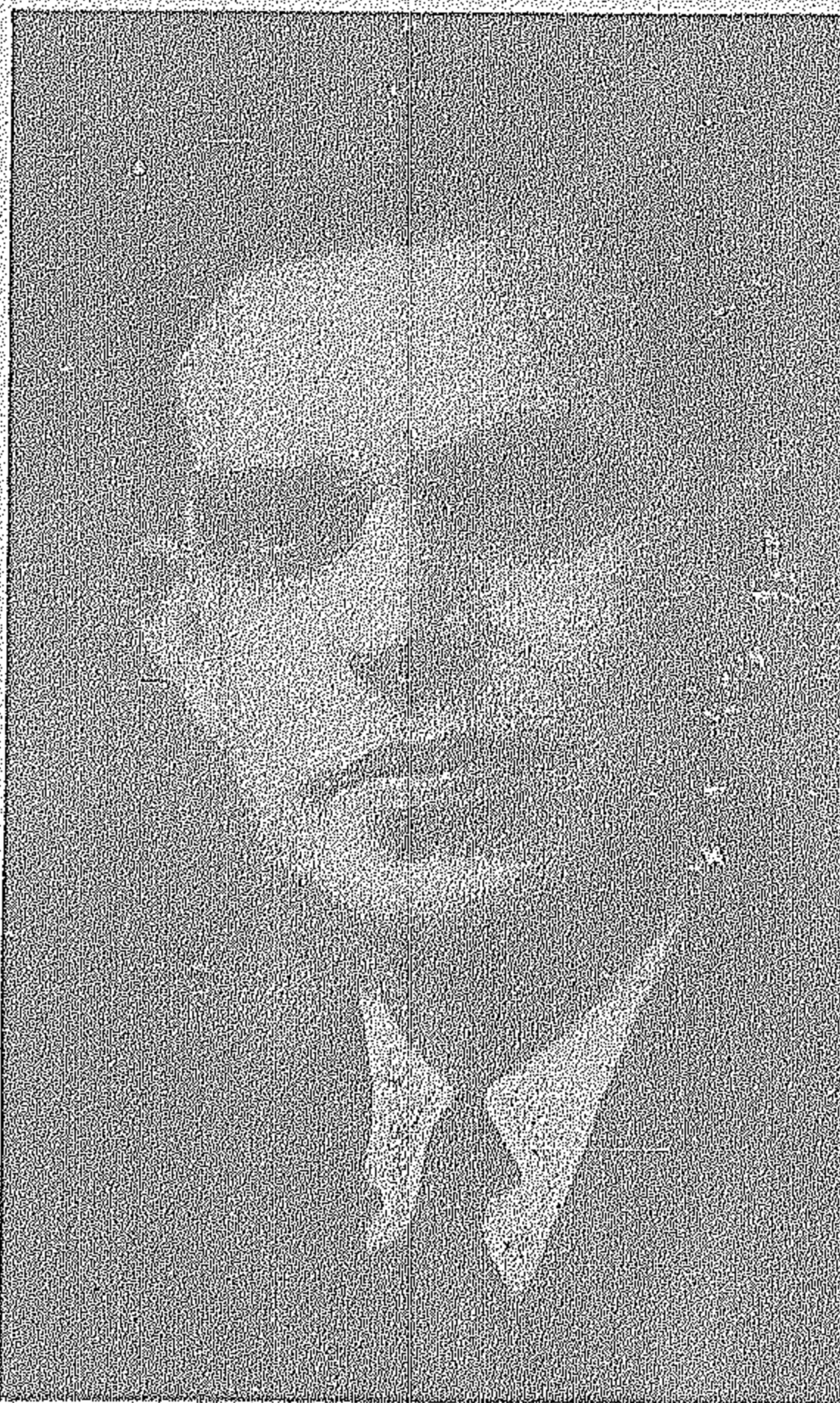
Engineering Graduates Eligible

Every year the Chicago Branch of the A.S.M.E. awards three memberships to men from Armour, Lewis, and Northwestern. Robert Scott, retiring president of the Armour chapter was granted the award which represents payment of a year's dues. All mechanical engineering graduates are eligible for junior membership in the A.S.M.E. and can derive benefits and advantages by payment of the ten dollar yearly fee. Engineers who wait several years after leaving school to join are assessed a ten dollar initiation fee in addition to the regular dues. The regular fee may be paid in quarter-annual installments.

WELCOME TO OPEN HOUSE

The students and faculty of Armour Institute of Technology are pleased to extend a cordial welcome to the visitors at our Open House for 1940. The purpose of this occasion is to present a broad picture of our educational program in action, and to give a clear conception of the activities of Armour students.

Founded in 1892, Armour Institute of Technology has a long record of useful service. Its alumni and faculty have made important contributions to the industrial, civic and professional life of this community, while today it is rendering a greater service than ever before. Its educational activities, including the four year undergraduate college, the five year cooperative course, the evening division, and the graduate division enroll more than four thousand students each year. Its Research Foundation renders an important research and experimental engineering service to hundreds of industries.



Henry Townley Heald
President Armour Institute of Technology

We hope that during your visit we may in some measure portray the Armour spirit—the spirit of honest endeavor, sound thinking, and stimulating progress. Again, may I extend to our visiting friends, both old and new, a most hearty welcome.

Henry Townley Heald.

Robert J. Mead New President of Tau Beta Pi

At a quiet election among the members of the Armour chapter of Tau Beta Pi, the all-engineering honorary fraternity, on April 3, Robert Mead, junior chemical, was elected president. The other officers elected are Leroy Goetz, junior civil, vice president; Fred DeMoney, junior fire protect, corresponding secretary; Leo Stoolman, junior mech, recording secretary; and Ed Hanuska, third year Co-op, cataloguer.

The president of Tau Beta Pi automatically becomes president of the interhonorary fraternity council, and delegate from the Armour chapter to the annual national convention of Tau Beta Pi, which will be held in Louisville, Kentucky, next October.

Mackey Wins Contest
Don Mackey, senior civil, won the Tau Beta Pi pledge essay contest this year. The prize was a five-dollar civil engineering handbook. His essay is being submitted to the national contest, where the 69 chapters comprising the national fraternity will compete for a fifty-dollar prize.

Armour Ed's Invade MacMurray Campus; Official Songbirds in Wacky Conference

By Tom Brown

After stamping around for two days (some crudely call it wolfing) in what must be described as a veritable newsmen's paradise, the delegation of Armour news sleuths to the Illinois College Press Conference returned to Chicago wearily but slaphappily, Saturday night, last April 27. The scene of the occasion was, you will remember from last week's issue (as if we thought you hadn't read it) the dear old MacMurray College for girls, at Jacksonville, Ill.

Prickly Fears

Not too little can be said of the grace, the intelligence, the beauty, the charm, the taste . . . the convention I mean . . . that was so highly abundant at that delightful affair. Ah! What cerebellumic stimulation was present at every hand . . . what pearls of wisdom poured incessantly from the quivering throats of the most (GEN-

Mathematicians To Hold Annual Spring Congress

The twenty-first annual meeting of the Illinois Section of The Mathematical Association of America is scheduled for next Friday and Saturday, May 10 and 11, and is to feature talks given by seven Armour professors. The meeting is to be held at the Illinois Wesleyan University in Bloomington, Illinois.

The seven papers to be delivered by Armour professors, out of a total of seventeen talks, are as follows:

- "Derivative Lines" by S. P. Bibb.
- "The Logarithmic Mean" by W. M. Davis.
- "What is a Million" by L. R. Ford.
- "Mathematics and the Teeth" by G. E. Hay.
- "Equiareal Orthogonal Systems of Curvilinear Coordinates" by M. A. Sadowsky.
- "Series with Deleted Terms" by I. E. Perlin.
- "The Theorem of the Mean in Differential Calculus" by R. Oldenburger.

Interfraternity Sing and Spring Concert To Be Given Thursday

Graduate Division Inaugurates New Summer Institute

With the addition of sixteen men in the field of technical research as visiting professors to supplement its already distinguished staff, Armour Institute will inaugurate for the first time a Summer Graduate Institute, starting in June of this summer. This special department, as announced by Dr. L. E. Grinter, dean of the Graduate Division, was instituted with the view of filling the crying needs of young scientists, engineers and engineering instructors for a summer of graduate education where advanced work of a high standard will always be available.

Instructors from Distant Points

The 25 instructors and sixteen visiting men are experts in their respective fields, and many of them are secured from distant parts of the country. To mention only a few, Stephen Timoshenko, unquestionably one of the greatest authorities on mechanics and vibration engineering comes formerly from Russia, and more immediately from Stanford University and the research laboratories of Western Electric. Gabriel Kron, leading exponent of the transformation theory in the analysis of electric circuits, comes from the General Electric laboratories in Schenectady, New York, and Ralph Barnes, famed for time and motion study, from the University of Iowa.

Summer Institute Hailed

Not only in the excellence of its personnel, has the new division already attained wide spread recognition, but also in the scope and number of courses as well. For in addition to the studies in the fields of civil, electrical, chemical and mechanical engineering, courses will be offered in physics, chemistry and mathematics.

(Continued on page five)

Columbia U. Press About to Release Larkin's New Book

Among Armour's current list of authors is Professor J. D. Larkin of the department of social science, whose book, "Trade Agreements; a Study in Democratic Methods," is about to be released by Columbia University Press. This is the first of a series of small volumes on the international economic relations of the United States which the Carnegie Endowment for International Peace is sponsoring.

Trade Act Before Congress

The Trade Agreements Act, under which the President bargains with other countries for lower trade restrictions, has been in effect for six years. It is up before Congress at this session for renewal for another three years. Critics of the act have repeatedly charged that it involves an unconstitutional delegation to the Chief Executive of legislative and treaty-making powers, and that the secret diplomacy employed in setting up the agreements is undemocratic. In his book, Professor Larkin reviews the record of treaty, trade agreement and tariff making, and shows why the courts have not found the Trade Act unconstitutional, and why the congressmen themselves insist upon delegating tariff powers to administrative authorities.

Well Qualified

Dr. Larkin's previous experience with this subject qualifies him to write such a book. His study of "The President's Control of the Tariff" was published by the Harvard University Press in 1935. Since the Trade Agreements Act was just going into effect at the time, Dr. Larkin's previous volume dealt primarily with the practical workings of the so-called "flexible tariff" based on the cost-equalization formula introduced in 1922.

Music Clubs To Present Unusual Numbers

Armour's annual Spring Concert and Interfraternity Sing are expected to pack the auditorium Thursday evening at 8:15. As has been the custom in the past there will be no charge for this outstanding musical event, and the public is cordially invited.

An unusual number of soloists are to be presented by O. Gordon Erickson, director of the musical clubs, which consists of nearly 150 student engineers. From the orchestra there will be a French Horn quartet consisting of Joe Kunts, Lee Niems, William Caldwell, and Richard Hameister. The "Mad Russians," Herbert Hansen and Ted Gromak will perform in their usual inimitable way. The well-known though difficult flute solo in Rossini's "William Tell Overture" will be played by Carl Feder.

(Continued on page five)

Pre-Rush Odds Give Favor To Veteran Sophs

Climaxing a hectic week of activity, the sophomores and freshmen will tangle in the annual class rush to be held in Ogden Field, Friday, May 10 at 3:00 p.m. Pre-rush odds just before going to press were 4-1 in favor of the veteran sophs. Milt Pleva, the terrible civil, and the sophs in general are concocting a few choice schemes toward the complete demolition of the inexperienced frosh. However, the soph espionage agent who sat in on the freshman meeting last Friday informs your reporter that the frosh are really organizing under the leadership of one "Swede" Peterson who boasts quote "The sophs ain't got a chance, not a chance." If there is really strength in numbers the frosh must be conceded a chance, if even a slight one. They outnumber the sophomores about 3 to 2. The frosh are really overdue for a victory in the rush, as they have not tasted the sweet wine of conquest in the last ten years when a supremely powerful freshman class overwhelmed the unprepared sophomores. It is hoped that as in the past there will be no foul play, and that both classes will abide by the rules which are well known to them.

\$35,000 Foundry Begins Research In Die Casting

On April 29, Mr. Harold Vagtborg, Director of the Armour Institute of Technology Research Foundation, in his annual report to the active members and board of directors, related the achievements and progress of the Foundation during the last fiscal year. As if in climax to his report, the first metal was pouted from the cupola of Armour's new \$35,000 research foundry. The metal pouring to date, however, has been more of a "feeling-out" process, but it is promised that intensive, important work will be begun within a week. The work which will be carried out in this new foundry will mark a new milestone in the short but outstanding history of the Research Foundation.

Facilities Improved

Since its organization in 1936 for the exclusive purpose of rendering a research and experimental service to industry, Armour Research Foundation has been keenly aware of the need of special research facilities to serve the iron and steel industries. Toward this end, a number of new laboratories have been added and improved from time to time. The most important addition is the newly completed experimental foundry. The foundry is housed in a brick and steel building designed to allow unusually flexible operation on a sufficiently

(Continued on page six)

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Welcome, Visitors to Open House!

As you walk about the campus tonight you will see many exhibits prepared expressly for your enjoyment by the various divisions of Armour Institute of Technology. Open House at Armour was created as a demonstration to parents, industrialists, and friends of the type of work carried out during the school. As an extension of this idea, we would like you to consider these pages which you now hold in your hands as the ARMOUR TECH NEWS exhibit, our contribution to the Open House tradition. This issue contains a number of features prepared especially by the Staff so as to be of interest to visitors.

Junior Week

All of us who hold an interest in Armour Tech are certainly aware of the importance of Open House as an outstanding activity, but sometimes we are inclined to forget that the exhibits are only a part of the Junior Week program. Every year a group of outstanding students is chosen by the student body to plan and administer the events of the present week. These men have laid out an ambitious program which includes a concert by the musical clubs, an inter-fraternity sing, class rushes, pageants, a complete schedule of athletic events, and a number of picturesque "battles of wit" as exemplified by the notorious pie eating contest.

The student who fails to take advantage of the events of Junior Week is discarding one of the most valuable opportunities of the year for becoming better acquainted with his fellow students, and in many cases, his parents. In addition, he is passing up some rare recreation and humor. Since this is a democratic institution, the continuation of the purely student activities of Junior Week is entirely dependent upon the interest shown by the students themselves. The response from those outside of the school to the evening activities has been ample and unflinching. Let's compliment our chosen Junior Marshals by making the activities taking place during the daytime as successful as the Open House exhibits and the Spring Concert!

"THE ENGINEER'S DREAM GIRL"

The waves of her potassium cyanide colored hair (average diameter .01cm), are like the graph of Y equals sin X. The light reflected from her eyes is analogous to that transmitted through a half normal solution of copper nitrate in H₂O. The color of her cheeks has a wavelength of .00058 mm and her lips have a specific heat of .0001. Her figure reminds one of a hyperboloid and her skin is as smooth as the surface of a Johannsen block. Her voice is rich in overtones and the radiations of her personality vary inversely with the square of the distance. The touch of her hand is similar to the surprising discharge of a 10,000 volt condenser. The photometric value of her smile is 100,000 foot-candles when illuminated by hallway lights. The shimmering envelope of her calf is indeed a non-Euclidean skew surface.

"The Slipstick"

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

Hello, Mom, Dad, "Sis," and Bro. Hope you liked our little show.

"Here's something queer," said the dentist. You say this tooth has never been worked on before, but I find small flakes of gold on my drill.
 "Doc, I think you've struck my back collar button!"

He was out driving and he neared a dark side road, he noticed a parked sedan. . . . Approaching with apprehension, he observed that the sedan was shaking violently. He drew nearer and heard swear words. Creeping up closely to look in, he saw—well, you guessed it, he saw a big man strangling to fold a road map into its original creases.

*On Greenland's icy mountains,
 That's where I want to be,
 In weather, when the mercury
 Abides at ninety-three.
 For some sweet maiden Eskimo,
 I'd swap Bess, Nell or Cora,
 And at her daddy's igloo gate
 We'd study the aurora.*

Don Long: "Darling, may I kiss your hand?"
 Pat: "Sure, kid; hop to it, but be careful you don't burn your nose on my cigarette."

The nurse entered the professor's room and said softly: "It's a boy, sir."
 The professor looked up.
 "Well, what does he want?"

Cycle of a Joke

Birth: A freshman thinks it up and laughs aloud, walking up two fraternity men in the back row.
 Age 5 minutes: Freshman tells it to a senior, who answers: "It's funny, but I've heard it before."
 Age 1 day: Senior turns it into magazine as his own.
 Age 2 days: Editor thinks it's terrible.
 Age 10 days: Editor has to fill magazine so joke is printed.
 Age 1 month: Thirteen college comics reprint it.
 Age 10 years: Seventy-six radio comedians discover it simultaneously, tell it, accompanied by howls of mirth from the boys in the orchestra (\$5.00 a howl).
 Age 100 years: Professors start telling it in class.
 Age 101 years: It's finally printed in—AW SHECKS!

Barber—"Was your tie red when you came in?"
 Victim—"No, it wasn't."
 Barber—"Gosh!"

Prof. Yehudi: "Now, Mr. Bjones, can you give the class an example of wasted energy?"
 Frosh Bjones: "Yes, sir—telling a hair-raising story to a baldheaded man."

A specialty salesman shocked his customers by advertising underthings for nudists. Astonishment subsided, however, when his display simply disclosed smooth-surfaced cushions.

JOL

*A choleric old army Col.
 Had many disorders intol.
 He ignored them at first,
 But one day he burst
 And descended to regions infol.*

"Hey, you! Stop spitting out of that window!"
 "What's difference? It's starting to rain, anyway!"

Election Year

Said an excited citizen to a candidate: "I wouldn't vote for you if you were the Angel Gabriel."
 To which the politician replied: "If I were the Angel Gabriel, you wouldn't be in my precinct."

Show manager: Why do you say that the show was misrepresented?
 Patron: Well, you advertised a chorus of seventy, and none of them looked to be more than sixty.

Slam

The landlady brought in a plateful of extremely thin slices of bread and butter, which rather dismayed her hungry men boarders.
 "Did you cut these, Mrs. Brown?" asked one.
 "Yes, I cut them," came the stern reply.
 "Oh, said the boarder, "all right, I'll deal!"

*The rain, it falleth on the just,
 And also on the unjust fella,
 But chiefly on the just, because
 The unjust steals the just's umbrella!*

A Born Entertainer

Bodger was trying to entertain his friend, Primun.
 "Would you like a drink?" he asked.
 "I never drink," murmured Primun.
 "Have a cigarette?"
 "I don't smoke."
 "Shall I switch on the radio?" said Bodger.
 "I hate wireless," replied Primun.
 "Play cards?"
 Primun shook his head.
 "I think I must be going," he remarked. "The wife's giving a party and I promised to get home early to amuse the guests."

When you get home just remember that a bird in the hand is bad table manners. So long.

OH MINI!

Other Campuses

By Charles I. Ball

As a class project, students of the Shakespeare class of Mundelein College were required to edit a newspaper printing the news appearing in "Hamlet." The headlines of such papers as the Denmark News and the Court Circular were "Mass Murder Baffles Authorities," "Ambassadors from Norway Arrive at Elsinore," and "Lord Chamberlain Slain at Palace." One paper's platform was "Make Denmark the best country in the world. End the duels. Support the royal family!"

Prof. Herman J. Blackhurst, of Drake University, and his wife hunted everywhere for his glasses before leaving home, but to no avail. While addressing one of his classes later in the morning, he ran across the glasses in his vest pocket. Interrupting the lecture, the professor absent-mindedly called out: "Here they are, Mabel."

There are 475 colleges and universities in the United States with an enrollment of over 400 students each.

Because of Leap Year the University of Arizona elected a campus King instead of the usual Queen.

Professor Wilbur C. Batchelor of Ohio State University strode into his eight o'clock class one morning, produced an electric razor from his pocket, and calmly proceeded to shave, while his astonished class looked on, amazed. The professor was only getting back at the coeds who had persistently made a practice of finishing their morning make-up in the class room.

An eastern college permits unlimited cuts from classes by women students while the men have to attend a definite number on the theory that women are more conscientious about attending classes than the men. Oh, well! It doesn't mean anything at Armour.

RAMBLINGS OF A HILLBILLY

By Art Hansen

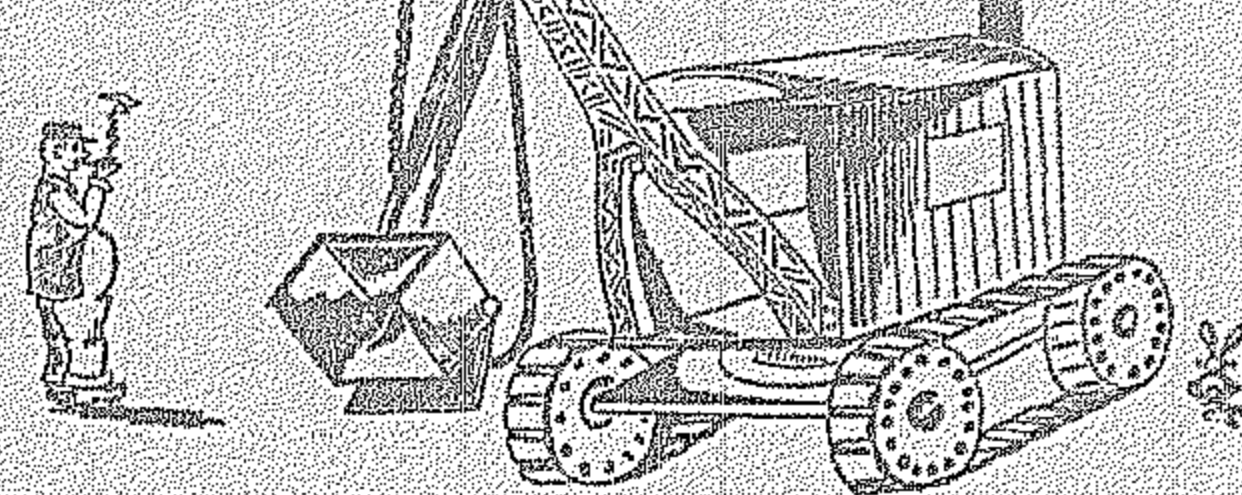
Dear Sally,
 Another gay weak iz hear at Armour—Junior Weak—one in witch Armure itself opens its doors tew the publik for the annual inspeeshion, the glee klub and fraternity men open there mouths in song at the Spring Konzert, and the sophomores open up the freshmen in the Frosh-Soph Rush. And I might add, wex awl the hipowered casanovas arouwnd the skool kum owt from the dark corners and rear seats in autos and try there high-pressure kissing on Armor's fanus Kiss-O-Meter, whose fame has spread farther than jam on bread ever has.

It iz truly a rip snorting weak, after that May day snow storm laste weak wen the queen of the may at Vassellesly College for Females and Debutantes, while whizzing & danzing arouwnd the maypole in that filmy stuff that looks like spider webs (more than won fellow wuld have liked tew spider danzing in it) bekame so cold that the song hit "It's a Blue Whirlled" immediately climbed tew number won on the Hit Parade (read it againe, s l o w l y). Speaking of song hits reminds me of the fellow on the skool basebawl team who got konked on the hed withe a wilde pitch laste weak and had a "Starlit Hour."

There iz lots of things fore the visitor tew see arouwnd skool hear during open howse, and lots of smart stewoodts tew ask questions of, az me fore example. The chem labs ovr putting on fancy displays, even more elaborate than the ones yew saw wen yew and cousin Lamebrain, brother Halfstoop, and grampa Bentwitz were up hear laste yeer during junior weak, wen they made ducks sink wen trying tew swim. I wuldn't be surprised if they made jackrabbits fly thiz yeer. Then they hav special displays of molycules and atoms and eves.

Fore sheer novelty and a boon tew the goldfish business won tew see the poor fish being frozen tew death in the physics lab without anything on but a thin negligee of scales, and then being deiced and brought bak alive. That wuz certainly a grate crowd of 10,000 people laste yeer, or az the skinny man sed wen the fat lady shoved him onto the packed street car platform during rush (Continued on page five)

STEAM SHOVEL



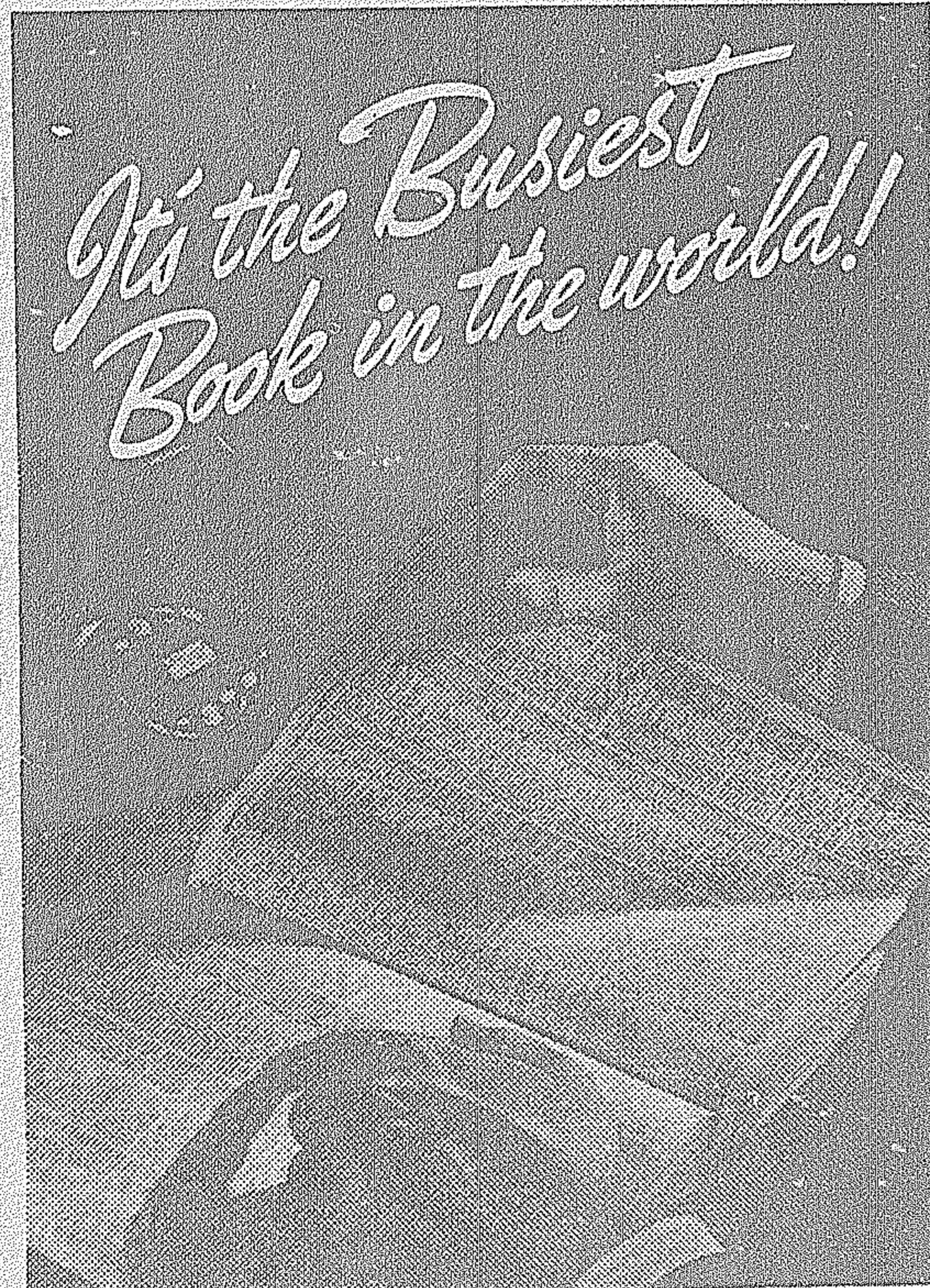
It seems that the dirt of this week is well covered by the snows of May. . . . Ah! beautiful May Day. . . . So we all struggle down to the brain emporium in our sleighs. . . . Don't let 'em fool you Spring is here. . . . My almanac tells me so. . . . and to my dear public that does not read the rest of this rag, this week is actually and officially Junior Week. . . . The week of Joy, abandon, ten-thousand or more visitors who come to see what results our peculiar clan can produce, death to the Freshmen, and a chance to catch up on the work that should have been in months ago. . . . Save your kopecs and rubles and shine up your snow shoes. . . . It's the Junior Informal with Johnnie Gilbert at Westward Ho. . . . Ho Ho Vill Ve Haff Fun. . . . Put on your bibs, kiddies, and dig in. . . .

Congratulations and floral eloquence are due the junior dance committee on their distinctive bid. It is one of the most novel sed invitations seen in the "Towering Halls" in some time. The map inside is a gem and no doubt will be a boon to some of our slappy happy navigators.

"My Gawd! his throat is cut!"—screams, shrieks, women fainting at random and also on the floor—the blood all over the physiognomy of one "Rover" Rehwaldt proved to be only paint and we don't mean war paint. We need more men of this type for the wrestling squad.

Jack Sauvage, president elect of the A.S.M.E., has been sporting a right eye draped in mourning. No statement is forthcoming but the odds are 3 to 2 that he ran into a doorknob and that she stood up on a chair to do it.

The Sophs committed two fox passes Friday A. M.—The first was wiring the Frosh meeting in a manner so that it could be discovered and second was using D.C. current on an A.C. "mike." Both plans and "mike" of sed bunch went Blooie—anyway you boys had a good idea but you'd better let elects handle juice in the future.



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Why not telephone home often? Rates to most points are lowest any night after 7 P. M. and all day Sunday.



Blizzard, Rain Stops Play In Softball Tilts

Because of the inclement weather conditions, namely a mixture of rainstorms and blizzards, not many games were played in the intramural baseball tournament. The big game of the week turned out to be the thriller between the sophomore mechs and the defending champions, the senior mechs.

5B Co-ops Take Two

The 5B Co-ops played two games this week, winning both of them. The Senior Civils were eliminated from the softball tourney when they were defeated by the Co-ops, 11-6. The Co-ops then made it two in a row when they gave the Junior Chemicals their first loss by the score of 11-4.

The Soph Mechs beat their Senior department members by the score of 7-6 in a wild and "Frank Merriwelly" game. The lead changed hands three times before the Sophs came out on the large end of the score. This was the first defeat for the Senior Mechs who were the pre-season favorites and last year's champions. The game featured the power in the hitting of the Soph Mechs as against the fielding brilliance of the Senior Mechs.

Four Homers

The game was climaxed by four home runs, three for the Sophs and one for the Seniors. The home runs for the Sophs were hit by Peterson, McDonald, and Jencius enabled them to score their first five runs which put them in the lead.

In the First of the Seventh

Lindgren of the Senior Mechanicals drove out a home run with two men on base which made the score 6-5 in favor of the Seniors.

Senior Strategy Fails

The soph started off in the last of the seventh with a pinch hitter Dolfi who singled which was followed by a pop up and a double. With runners on second and third the senior mech's board of strategy met and decided to walk the next batter McDonald to load the bases and get a weaker hitter Carrier, but Carrier crossed them up and singled into right field driving home the tying and winning runs.

TECH SHORTS—

(Continued from page three)

The end is in sight for the boys with the black and yellow pledge ribbons. Next Wednesday, May 15, Honor "A" will hold its initiation in the Student Union. In conjunction with the initiation the annual Alumni banquet will also take place. Sonny Weissman is expecting about 100 former athletes to return for the banquet. On the amusement side of the initiation and banquet slate are motion pictures of some sport.

WAISTLINES—Those soph mechs have a sweet team . . . and a wov of a pitcher. . . . Those horsehoe pits out in back of Chapin look classy . . . there's real clay in them. . . . Now let's have some entries in the

Tech Thinclads Take Elmhurst

On Saturday April 20, Armour track and field team triumphed over Elmhurst by the score of 78-53. As a result of this victory at Elmhurst, the outdoor tracksters have a record of two victories and no defeats. In this meet Armour continued its ability to garner points in the field events, which was largely responsible for the victory. The trackmen were led to by the green cap representative Mongean who accounted for 13 points while Clark and Cerovski each scored eight points.

Tech Sweep High Jump

Mongean, Clark, and Heidenreich of Armour swept the high jump, having registered all nine points. The trio composed of Clark, Mongean, and Bujan captured the honors in the broad jump. Elwood, Mongean, and Heidenreich tied for the pole vaults honor and this enabled Armour to pick up nine points in this event.

The Armour Track team was very successful in the field events and defeated Elmhurst in that department 42-12, but Elmhurst won the track events 41-36.

HIGH JUMP: Won by Mongean (A.); Clark (A.) second; Heidenreich (A.) third. Height—5 feet 8 inches.

SHOT PUT: Won by Burman (A.); Schlegler (E.) second; Scherer (A.) third. Distance—40 feet 8 inches.

POLE VAULT: Won by Elwood (A.); Heidenreich (A.) second; Mongean (A.) third. Height—10 feet 6 inches.

DISCUS: Won by Ther (A.); Burman (A.) second; Van Voorst (E.) third. Distance—110 feet 8 inches.

BROAD JUMP: Won by Clark (A.); Mongean (A.) second; Bujan (A.) third. Distance—26 feet 7 inches.

JAVELIN: Won by Raugh (E.); Schberger (E.) second; Heidenreich (A.) third. Distance—166 feet 5 inches.

440 YARD RUN: Won by Gerjen (E.); Matthews (A.) second; Creagan (A.) third. Time—55.8.

100 YARD DASH: Won by Bohle (E.); Cerovski (A.) second; Tueckhoff (E.) third. Time—19.6.

880 YARD RUN: Won by Amstutz (A.); Peterman (A.) second; Teinberger (E.) third. Time—2:15.

220 YARD RUN: Won by Cerovski (A.); Bohle (E.) second; Tueckhoff (E.) third. Time—23.5.

TWO MILE RUN: Won by Lansing (E.); Saurburg (E.) second; Jullkavski (E.) third. Time—11:16.

220 YARD LOW HURDLES: Won by Bujan (A.); Mietz (E.) second; Barry (A.) third. Time—27.5.

110 YARD LOW HURDLES: Won by Mietz (E.); Kelcher (A.) second; Barry (A.) third. Time—17.3.

RELAY: Won by Elmhurst.

tournament. . . . After looking at the trophies, medals, etc., that the Junior Marshals are offering to Junior Week activities winners, the "I'm gonna enter" spirit is aroused . . . the softball statuettes are nobby. . . . Ed Knorring and the juniors already have a lease on them. . . . Weissman can still play pool. . . . Fresh buttercups to Koster and his crew for moving the tennis fence back. . . . now there's room in the back court . . . the quintet will play two games with Chicago Teachers next season . . . the swimming team has located a diver . . . a Tregay who dove as number one man for Oak Park . . . beware, Loyola . . . getting the nod and wink from the weather man, we predict fair and warm for the rest of Junior Week and for the Junior Informal.

Junior Week—

(Continued from page one)

Architectural department has an extensive display of plans, drawings, and models in the Union building, second floor. The program given out with this issue contains the time and place of these and other exhibits.

Spring Concert Thursday

In the way of exercise are the outdoor events scheduled for Thursday and Friday of the week. Of outstanding interest are the pentathlon Tuesday afternoon, the marble tournament Thursday morning, the Faculty-Senior ball game Thursday afternoon, and the spring concert Thursday evening.

Friday's outstanding events begin with the pie-eating contest in the morning, the Interfraternity and Interdepartmental pageants in the early afternoon and end with the week's preclimax the Class rush late Friday afternoon.

Dances Wednesday and Friday

The week is rounded out socially with a dance Wednesday evening in the student union, following the movies. The climax of the week is, of course, the outstanding dance of the year, the Junior Informal.

Due to Junior Week Activities, there will be no intramural softball games this week. Play will be continued next week.

Fraternity Notes

Alpha Sigma Phi's stray lads, Vern Parker and Ray Smith returned from their adventures in the east in time to witness the game in which the Alpha Sigs beat the Deltas 7 to 3.

On Monday, April 22, the Phi Kappa Sigma boys elected a new set of officers. The present helmsmen of the Phi Kap ship are:

President—Ronald Smith.
Vice president—Hobart Bunce.
Treasurer—Robert Ettinger.
Secretary—Richard Taylor.
Corresponding Secretary—Jerome Bunce.
Social chairman—Robert Greenberg.

Before retiring the past officers planned a Kids' party, held on Saturday April 20. To make it two weeks in a row, an inspection trip through the plant of the Chicago Tribune was arranged for Friday, April 26. Just what the boys meant to inspect is a mystery as they included their dates in the plans.

John Liadahl, Phi Kappa Sigma paid the house a visit recently and let the fellows in on the news that he plans to be married in June.

The Triangle house held a sing practice last Friday night and then went down town to a show, a musical show to teach them how no doubt. After the Interfraternity Sing there will be an open house at Triangle's quarters.

Triangle lost one of its freshmen when Herb Curry became ill and had to leave school. All who know Curry are sorry to hear of this misfortune.

Pi Kappa Phi managed to nose out the Rho Deltas in a hotly contested game on Ogden field. The tying and winning runs were on base when Sweeney called the third strike on the unfortunate counterpart of Casey at the bat.

Delta Tau Deltas' chapter on the campus is celebrating its fortieth birthday this week. On Friday, May 10, the

alumni are throwing a banquet in the Student Union to which all of the Actives are invited without cost. Dean Tibbals, Professor Huntley, and President Heald are slated to be the guests of honor. After the banquet the alumni will adjourn to the house for their annual meeting and festivities.

The Delt house has been the scene of chaos during the past week during which the annual chapter news letter was written, run off, and mailed to over four hundred alumni of the chapter, and national officers of the fraternity.

Sigma Alpha Mu's alumni reunion last night brought out about twenty-five alumni. After a gala party lasting until the early hours of this morning. Everyone agreed that such reunions should be held more often than formerly.

Informal initiation ceremonies for six men are to be conducted at the home of Prior Bob Barrett, this Saturday evening. These men are: Bernard Cooper, William E. Heller, Earl Sherman, Arthur Clayton, Henry Wise, and Harold Hurwitz.

The Alpha Sigs held their annual spring dance at the Hotel Stevens last Friday night. A good time was had by all including Harry Shaw.

The Mother's Club held their meeting last Friday afternoon.

The Shell Oil Company has recently established a scholarship fund for the benefit of students participating in the C.A.A. pilot training program. This fund will provide scholarships up to \$1,000 each for the country's outstanding student pilots to be used to further their education in the field of aeronautics.

At a recent dance held by the University of Oregon the admission charges were determined by the color of the girl's hair—brunettes 99 cents, blondes 89 cents, and red-heads 79 cents. Maybe that's the reason why gentlemen prefer red-heads there.

Northwestern University students hold well-attended "flunk frolics" after their final examinations.

Introducing Chesterfield's own graduation cap



Learn Real Mildness... it's easy

Just make your next pack Chesterfields, that's all, and as quick as you can light up, you'll learn the meaning of real mildness . . . and you will learn this too, Chesterfields are cooler and definitely better-tasting. You get all of the right answers to your smoking pleasure with Chesterfields . . . the busiest cigarette in America.

Chesterfield
THEY SATISFY

SPORT DOPESTERS TAKE ANOTHER LOOK AT JUNIOR WEEK

(Continued from page three)

and exchange van dibs. No hunching allowed.) Our best bet, 8th grade, Webster.

11:15 A.M.—Winners Frosh-Soph vs. Coops Baseball. Yes, the Sophs.

1:00 P.M.—Interfraternity Track. (All the events of a track meet.) Alpha Sigs if Larson hurdles.

3:00 P.M.—Faculty-Senior Baseball. (Watch Carpenter swing.) We pick the gents with the grade books.

FRIDAY, MAY 10

9:00 A.M.—Baseball Finals. The Juniors to repeat.

10:00 A.M.—Pie Eating Contest. (Blueberry pie, yum, yum, 24 of them.) The ravenous Junior Marshalls should really eat up this event.

11:00 A.M.—Interclass Relays. The Juniors by a yard.

11:30 A.M.—Surprise. "Whizzer" White should climb up the greased pole in nothing flat.

3:00 P.M.—Frosh-Soph Rush. (Five minutes of flying arms, legs, bags, rotten eggs, and clothing.) The sophs are a cinch.

9:30 P.M.—Junior Informal. (Three and one-half hours of delightful dancing.) Everybody wins in this grand finale.

Faster Photos Made by New Speed Camera

A new addition to the Armour Research Foundation will be a modern high speed photography laboratory. Extensive remodeling is being done to enlarge and improve the present set-up and, according to information released by Dr. Francis W. Godwin of the Research Foundation, this new arrangement will provide facilities for all phases of the photographic field.

There will be facilities for both still photography and motion pictures. One of the slower motion picture cameras will be the standard one which takes from 8 to 64 frames per second. A new high speed camera has recently been purchased by the Foundation, this being an Edgerton manufactured by the General Radio Company. This machine will take motion pictures of thirty-five millimeter size and will photo up to 2,000 frames a second. The speed of the exposures will be about 1/200,000 of a second. A high speed camera using a new principle is now being developed by the Foundation.

Another department of this laboratory will contain equipment for the study of ballistics. The cameras used are of the high voltage discharge type and stop pictures at 1/1,000,000 of a second. This work will be similar to that which has been shown by photographs of the bullet stopped in mid-air, published in the daily papers a short time ago.

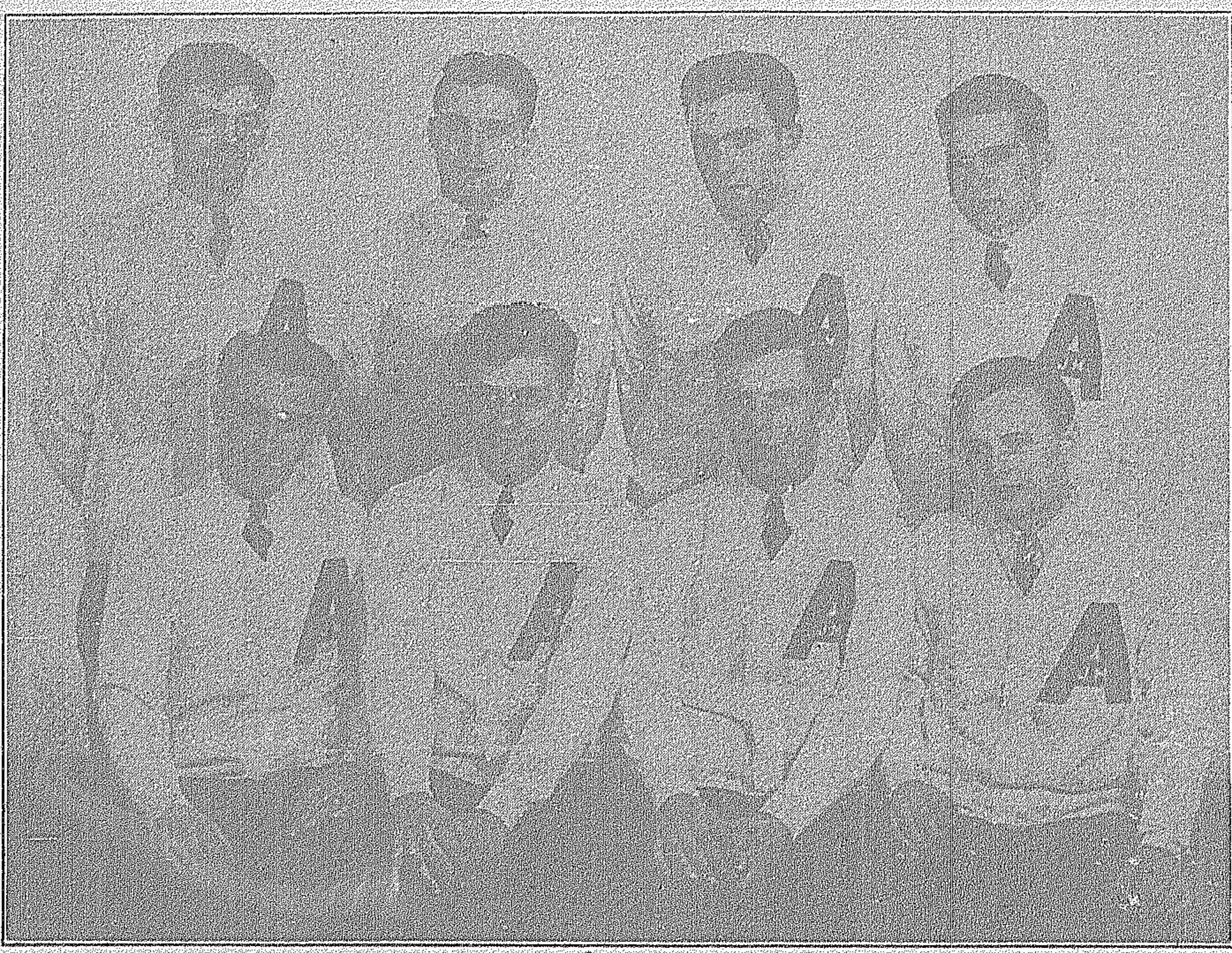
Re-Landscaping Changes Campus Color to Green

For the past few weeks Armour students have been watching our campus change from the drab colors of early spring to the pleasant green of summer. The boys have been interested also by the large amount of work being done in re-landscaping. Some curiosity has been expressed as to what effect the Lewis-Armour merger will have upon Armour's present campus. What the final results will be are not yet quite certain, but, in any event, Armour's present campus will be maintained. In the meantime good use will be made of new and more convenient facilities for intra-mural activities.

A good deal of land has been torn up and new surfacing material has been put in with two purposes in view. These are first, Armour's plan for making the grounds more beautiful, and second, to increase the facilities for inter-mural sports. Already excavators have removed the old surface ground, wherever necessary, and new rich black loam has been dumped by the truckload, leveled off and planted with a special mixture of grass seed. Three hundred Boston Ivy plants have been set around all of the buildings. By next year our buildings will be covered by a warm green blanket of ivy. A large number of trees such as poplars and elms are to be planted also.

New Diamonds
Baseball is one of the more popular sports here at Armour; most of the boys play softball on Ogden field when they find time for recreation at school. In response to this action three or four more new diamonds are to be built very soon. They will be laid out especially for softball. Two of them will be located on the large field just north of our small park on 33rd and Dearborn. One will be in the lot north of the automotive laboratory on Federal Street. The plot south of the ice plant on Dearborn and between 33rd and 34th streets is being cleaned up so that in case it is needed for softball it may be used.

Our tennis courts are being enlarged and put into first class shape. When this work is finished, by next week, there will be eight and a half feet more room at each end of the courts for back court play and workouts. The total lengthening of the two contiguous courts behind Chapin hall will amount to about thirty feet. Many boys here will be interested to know that an archery club has been organized at Armour and it will begin active participation in that sport



The Junior Marshals - These men have been selected to facilitate your enjoyment of Junior Week and Open House. They are, from left to right: back row—Rudy Zoellner, Joe Olchawa, Mack McAleer, Ray Dodge; front row—Bud Murray, Frank Pfeffer, Head Marshal, Bill Bauch and Ben Cole.

Marin Returns From Meeting

On April 27th and 28th, Professor J. Marin of Armour Institute participated in a meeting of the Sub-committee on Weld Stresses of the Welding Research committee of the Engineering Foundation, New York. This committee is composed of Professor Marin, Colonel W. E. Jenks of the War Department, Washington, D. C., Mr. Everett Chapman, the President of Lukenweld Inc., and Professor Sayre of Union College.

Armour May Sponsor Research
The committee met at Lukenweld Inc. at Coatsville, Pa., and discussed proposed research on combined Fatigue Stresses which may be sponsored by Armour. This work will be of significance in the design of machines and, in particular, the project is of interest to industries which use welded construction.

The machine designed by the committee will subject a tubular specimen to a structural internal pressure synchronized with axial fluctuating loads.

Spring Concert—

(Continued from page one)
son. Soloist for the glee club will be Robert Hammer.

The program for the entire affair is as follows:

- Overture "William Tell"—by Rossini Orchestra
- Jolly Fellows—By Rhye-Herbert Glee Club
- Bird Songs at Eventide—by Coates Glee Club
- Song of the Vagabond—by Friml Glee Club
- Henry VIII Dances—Edward Glee Club
- German Orchestra
- Shepherd's Dance Glee Club
- Morris Dance Glee Club
- Inter Fraternity Sing Glee Club
- Alpha Sigma Phi A Toast
- Fond Recollections Glee Club
- Rho Delta Rho Rho Delta Tap Song
- Pi Kappa Phi Rose of Pi Kappa Phi
- Drinking Song Glee Club
- Sigma Alpha Mu Glee Club
- ...The Wing Croons Me a Melody Glee Club
- Fast and Firing Glee Club
- Theta Xi Sweetheart Song
- Jubilee Song Glee Club
- Triangle Triangle Love Song
- Triangle Pals Glee Club
- Delta Tau Delta Glee Club
- ...Sing to the Loyal Purple Glee Club
- Delta Shelter Glee Club
- Phi Kappa Sigma Marching Song
- Loyal Sons Glee Club
- Old Man River—by Kern Glee Club
- Kentucky Babe—by Geible Glee Club
- De Animals a Comin'—by Bartholomew Glee Club
- Chinese Temple Garden—by Kettelby Orchestra
- Time Alone—by Herbert Orchestra
- "Mardi Gras"—by Grofe Orchestra
- Rolling Down to Rio—by Edward Glee Club
- German Glee Club
- God Bless America—by Irving Glee Club
- Berlin Orchestra and Glee Club
- Alma Mater The entire Audience

New Equipment For Ventilating Lab. Installed

New equipment has been secured for the ventilating laboratory through the courtesy of the following firms: Ilg Electric Ventilating Co., Powers Regulator Co., Universal Cooler Co., Allis Chalmers Co., Detroit Lubrication Co., Alco Valve Co., and the Spraying Systems Co. The Mechanical Department takes this opportunity to thank these firms for their co-operation. Research and experiments with this equipment will be carried on by juniors, seniors and night and day graduate students.

What It Is and Does
Air from the room and outside is taken into a 15 foot 8 inch by 18 inch sheet metal duct by means of a centrifugal blower which has a capacity of 3500 cubic feet of air per minute and is directly connected to a 3 1/2 horsepower motor.

The dampers are set by a regulator to fix the quantities of outside air to any quantity of circulated air. After being mixed, the air is washed by a series of water jets to remove the dust. Passing through the washer it is heated by steam coils and allowed to pass into the blower to the discharge duct which is 20 feet of 18 inch by 18 inch duct.

Changes Made in Cooling System
The air is forced by the blower through an egg crate filter which will prevent eddies at the cooling coil and into the discharge opening. Changes in the cooling unit may be accomplished by means of a variable pitch, four-strand pulley which is connected to a 7 1/2 H.P. motor. Speed variations are obtained by sliding the motor along guide rails, thus engaging the belts to varying diameter pulleys and obtaining various speed ratios.

Flow from the discharge tube is governed by a conical duct which can be used to cut off the flow or to increase it. Pitot tubes will be installed to measure the velocity of the air and to test the high efficiency coils.

Summer School—

(Continued from page one)
The summer program will consist of twelve weeks subdivided into three periods of four weeks each and will include for the individual a comprehensive study in one and only one course of at least two hours daily for six days a week for a full month. With the satisfactory completion of the course, four semester hours will be entered as credit in the Graduate Division of Armour Institute. It is intimated that in special cases and for additional financial consideration permission will be granted to students as auditors in classes other than those of the comprehensive study, with the provision that under no circumstances will credit be forthcoming.

Editors Serenade MacMurray Hostesses

(Continued from page one)

able Mr. Barlow, of Illinois University, who chides us for overlooking the minor personalities of the campus in the weekly news coverage... such as for instance, the janitor. Have we after all these years forgotten the janitor? Never! Never! Say not that nary an extolation of his valorous duties has graced our fair sheets! "Ouch... Quit shovin' Yehudi. It's not time yet." Say, rather, that always has his map maneuvering and shovel shifting been the highlight of our weekly menace. And furthermore, who reads the news in this paper anyway? Say... who's reading this?

But Peaches Don't Pick

But enough of this twaddle. It must be said by even the most bitter of enemies that the injection of the fair Armour corpuscles into the convention's life stream, if not exactly undermining it, at least made it, shall we say, interesting? It was, in truth, a ghostly quiet luncheon into which the Techawks were led and thoughtfully and, we fear, premeditatedly seated in an obscure corner in the rear of the college restaurant. Was it then strange that soon the lilted strains of "St. Patrick Was An Engineer" did fairly burst the gentle silence? Nor that you fair maidens did nigh unto swoon with the sobbing pathos in the voices of the manly four. Uh Huh! "Quiet Yehudi! You'll have to wait."

But wait, for the matter not ending there, what foul plot was then

again conceived to separate these friendly little fellows at the banquet that night. Shucks, what were they thinking of. They must have got their signals crossed. With what consternation were the celebrities at the speaker's table afflicted as they were confronted by sweet beaming faces (reading from left to right—Woods, Brown, DeMoney, and Speth) raised once more in glorious musical exaltation of the wonder that is Armour's issuing from an adjoining table. And with what dismay did they greet the ever increasing flow of requests from nearby tables. Truly, it was with no little pride that we received the distinguished offer, tendered by MacMurray's fair haired boy, M. C. Harold Gibson, to stand in recognition of being... no, not the smartest... or the largest... or the oldest... but, glory be, children... the noisiest delegation to the convention. But yes... the wheel of fortune turns and turns, and where it stops nobody knows.

Burma-Shave

Now any fair report of aforementioned conference should surely analyze the situation insofar as the display of pulchritudinous attraction is concerned. (No, kiddies, it wasn't an oil painting.) Yes, indeed, ten to one wasn't a bad average at all; especially when... "What's that Yehudi? You want to express yourself now?" Well, now, in the words of Yehudi... quoth he: Mmmmmmm! Unquote.

CO-OP NEWS

E. P. Hanuska

Co-op Exhibit—Machinery Hall

As their contribution to Open House, the Co-ops of Armour again present an industrial exhibit designed to give visitors a better understanding of the five year Co-operative course. Of the 117 companies who employ Co-ops, 35 have generously loaned us special pieces of equipment, working models, dioramas, and photographs of their Co-ops taken under typical working conditions.

The first class will be graduated in February of 1941, thus completing the first cycle of a series of studies and events that has firmly established the Co-op course as a respected institution at Armour. The regular day school students have been particularly helpful in encouraging the extra-curricular activities of Co-ops and as a result, Co-ops are to be found in every branch of the school's activities. It is to be hoped that this close bond between regular students and Co-ops will continue and be strengthened as time goes on.

From all indications, the freshman class promises to be one of the most progressive on the campus. Officers were elected during the fourth week of the term and as is our custom, we are happy to shower bouquets on the following men:

- Elleworth Packard, president.
- Arnold Kramer, vice-president.
- Robert Date, secretary.
- Richard Biedermann, treasurer.

The flood of application blanks for membership to Wranglers that poured into the Co-op office just before the 5 o'clock deadline last Thursday has convinced the club's founders of the ultimate success of their pet project. The first group of initiates will be notified by mail of their election. The other applicants will be invited in from time to time as the club's program widens its scope.

Was Prof. Lease's face red (and we do mean red!) when Dave Whittingham pulled off his "Rosalie" joke. Witnesses present included Miss Haw, Prof. Lease's comely secretary, Ray Getz, Fred Krahelec, and this columnist. Don't fail to have Dave give you his own personal account of the exploits of Rosalie. It's a treat you'll long remember. Man, and how!

Dr. Potter, our effervescent little pedagogue, is just one

PLATTER PATTY

By Bob Saigh

"The Woodpecker Song"—"Say Si Si," Gene Krupa (Columbia, 35408). Gene Krupa adds his bit to the continued popularity of "The Woodpecker Song" with this recording. A rather remarkable change was noted in the band's style in the absence of Gene's excessive drumming. The change seems to be for the better. "Say Si Si" lacks a vocal, but otherwise is all right.

"The Singing Hills"—"Devil May Care," Bing Crosby (Decca, 3064). John Scott Trotter and His Orchestra blend well with the husky, mellow voice of Bing Crosby in presenting their best record of the year. The words and lyrics are well suited to Bing's voice.

"Tuxedo Junction"—"Danny Boy," Glenn Miller and His Orchestra (Bluebird, 10612). Tuxedo Junction is the number that today is making the feet of many a person starting cutting a rug on a hard wood flooring. The current favorite of swing, Glenn Miller, has made the best waxing of this number so far. With sweet swing on the other side in the form of "Danny Boy," a well balanced disc was turned out.

jump behind his pre-junior physics class. Observing that the homework record of his ambitious scholars showed more blank spaces than checks, he immediately launched into a brilliant dissertation on the value of doing homework, the penalties for not doing any, and his amazement that the Co-ops should be so negligent. And as his eyes surveyed the list, he came upon the name of George Cooper, whose record of blank spaces overshadowed the rest. Forthwith the stream of words was directed toward this poor unfortunate. Later during the period, on a call for a recitation, the good doctor discovered that George was absent—his first absence at that. Some guys get all the luck...

Our good friend Paul Koenig, 4B, who is overly fond of sleep anyway, will miss this delicious recreation for a full week. It's all part of the initiation ceremonies for Theta Xi social fraternity. Hillard Strz and Rudy Rieder have decided to postpone their initiation until later in the year. . . . The barber shop quartette which has been enchanting the boys of the 3B drawing class (Mr. Cowie's, by cracky!) has turned out to be a trio formed by Don True, Arthur Duree, and Ken Stromberger. Their music features many minor strains, some of them a little too minor with a little too much strain. A great many Co-ops will be seen at the Junior Informal Friday night, and mark my words, we're going to have one great time there.

Here's Our "Bid" for Your Company

JUNIOR INFORMAL at WESTWARD HO

Johnny Gilbert's Orchestra

May 10, 9:30-1 Bids \$1.75

50 Students In Special Group Take Eye Exam

One man can flash along a page of print at the phenomenal rate of 1,500 words per minute, while one of his classmates in the same year of school creeps along at the astoundingly slow rate of 87 w.p.m. Why? The answer to this perplexing problem is being sought by Mrs. Anna Orcutt in her personnel department. In conjunction with several competent optometrists, Mrs. Orcutt is holding a series of tests to determine these important facts.

Special Tests

The "eye-doctors" have set up their equipment in Room 328 Chapin Hall and are administering a rigorous and complete set of tests on special students to determine why they read as fast or slow as they do. Mrs. Orcutt has chosen a group of 50 students with whom she has had contact here at Armour, who are either especially fast or unusually slow readers. The optometrists photograph eye movements, determine muscular control, and the test physical condition of the eye proper. Any co-relationships between visual difficulties and marked deficiencies in reading ability will be noted.

Experience Important

Eye movements will be compared to reading comprehension tests, psychological examinations, and visual ability tests. The individual's alertness will also be taken into consideration. In another field of personnel management, Mrs. Orcutt has been administering a test device by Professor Thurston of the University of Chicago known as "Mechanical Abilities." The tests were written to determine a person's aptitude as a mechanical engineer. In testing a group of 180 students, however, Mrs. Orcutt disproved this, and came to the conclusion that the examinations served only as an achievement measure. Experience was the most important factor in determining the student's grade.

Groups Divided

In the experiments with these tests, two groups of students were chosen by Professor McLarney and Mrs. Orcutt. Special visualization classes taught by Prof. McLarney and planned by Mrs. Orcutt were administered to one group, while the other group was allowed to go through their regular courses except for the visualization course.

The control group's median went up only 7%, while those given Prof. McLarney's course had their median rise 45%. This would prove to the most skeptical that visualization of special relationships could be developed in almost anyone by training. Mrs. Orcutt believes that more accent on this subject in the lower grades of grammar and high school would do a great deal towards increasing the average visualization ability of the student.

Working Stresses Topic of Graduate Lecture by Marin

Associate Professor of Civil Engineering, Joseph Marin, addressing the May 3rd Graduate School Public Lecture meeting, spoke on "Working Stresses," mentioning many of the factors which must be taken into consideration in a study of working stresses.

"The selection of the correct working stress value for the design of a structure or machine is one of the major considerations in obtaining a safe and economical construction," began Professor Marin, by way of introduction. Pointing out that in this selection a combined state of stress is an important consideration, the paper outlined the investigations that have been made to determine the effect of a combined state of stress. In doing this, static, fatigue and creep loads were considered and the effects on design were discussed.

"In this field of work," mentioned Professor Marin, "we are starting experiments in creep, buckling and strain." Robert C. DeHart and William M. Cade, graduate assistants in Civil Engineering, are also doing this type of work, which involves questions of corrosion, accuracy of measurements and studies of the accuracy of applied theory.

Stoopbrain Stumbles On

(Continued from page two)
howr, quote, that wuz a grate crowd, unquote.

Boy, oh boy, deer Sally, Thursday iz really crowded withe activities. Inter-class baseball games, where the losing team iz always bawling the umpire owt; inter-class marbles (second childhood made twice az easy); inter-maternity track, wen the frat boys see how far that can track good looking blondes down State St. amidst the sun-tanned beauties from the deep (plenty deep) south; and that grate annual classic, the senior-faculty softball game, a game where the pent up energy of fore yeers listening tew professors talk iz expelled by the laste yeer men in won laste effort tew get even. This game haz ben known in sun yeers tew go on four hours and hours, withe each side so tired fum funning around the bases and scoring, till the score-keeper gets three blisters on every finger frum punching the adding machine, and until the faculty gets so deparate for pitchers that they haul owt won known around the physics lab az "Put-Put", and whoo always manages to strike the seniors owt withe hiz "one bounce and over the plate" pitches. That nite things get hot, cold, sweet, and swingy wen the gee club yodel withe awl there might.

Frosh-Soph Fite

Things look better thiz year fore the frosh in the big Rush Friday. They owr better organized than ever before, thanks tew the able leadership of a new young prof. hoo kame tew Armore laste fawl. The sophs haven't az grate in numbers, but what they learnt frum the present juniors in laste yeer's rush iz invaluable. The best the frosh can hope for iz a couple of police squads tew rescue them frum the soph thugs.

The weak will be topped off perfectly by the Junior Informal Friday nite at a place called Westward Ho. I expect tew hav az gude a tyme az I and the rest of the tractor gang of senyor mechs did at the Frosh danze laste weak.

Well, deer mounatin flour, only less than fore short weeks befor I graduate and leaf the deer portals of old Armore forever. And yew kan bet that the profs owr paying me a hand-

Colleges Send Civil Delegates To Convention

George Hanna, president of the Armour Branch of the American Society of Civil Engineers, opened the third Midwest Conference of its student chapters, last Friday, May 3. Rose Polytech (Terre Haute, Indiana) sent four delegates, Purdue sent one, the University of Iowa, one, and fourteen came from Lewis Institute. Armour was represented by 56 civil engineering students and a few mechanicals. Altogether there were over one hundred attending.

"Land Use Survey" was the topic of the talk by Eugene S. Taylor, engineer of the Chicago Plan Commission, who explained how a one-half billion dollar project was successfully being carried on. He told how the census takers' information was being used and of what the survey consists. "Building Chicago's First Subway" was discussed by Richard Van Gort, Assistant Subway Engineer of the design section of the Chicago Subways.

Subway Visited

Following Mr. Van Gort's talk, there was a Junior Award Luncheon at the Chicago Engineers' Club, attended by 100 students and engineers. Then, through the courtesy of the contractors, Professor Penn secured permission for this group to see the actual air pressure construction in the subway tunnels; and at two o'clock everyone was at the contractors' office at Desplaines and Milwaukee Avenues.

sum bonus tew me tew get rid of me. I don't leave easily, or az the girl sed tew the boy friend won nite late, quote: "My dad takes things apart tew see why they don't go", and he igorantly replies: "So what?", she sez, quote: "You'd better go".

Hence, I will take the hint, my soft hillbillie peach, and close thiz letter. And az won bed bug sed tew the other, quote: "I'll see yed in the spring," unquote.

Yures,
STOOPBRAIN BLISS.

Foundry—

(Continued from page one)
large scale to allow direct applications to the iron and steel industries. A railroad siding will be installed to service a skip-loaded Whiting cupola handling 3,000 pounds an hour. Complete general foundry equipment has been installed on a plan which will allow the use and further development of scientifically controlled and mechanized operations.

Different Metals Studied

The construction of the experimental foundry was made possible by the establishment of the Wetherill Research Fund by Col. S. P. Wetherill of Philadelphia, for the purpose of advancing the art of counter-gravity pressure die-casting of ferro and the other high temperature melting metals. While present attention is being focused on gray iron, studies will probably be extended to include malleable iron and steel as the demands of new projects require.

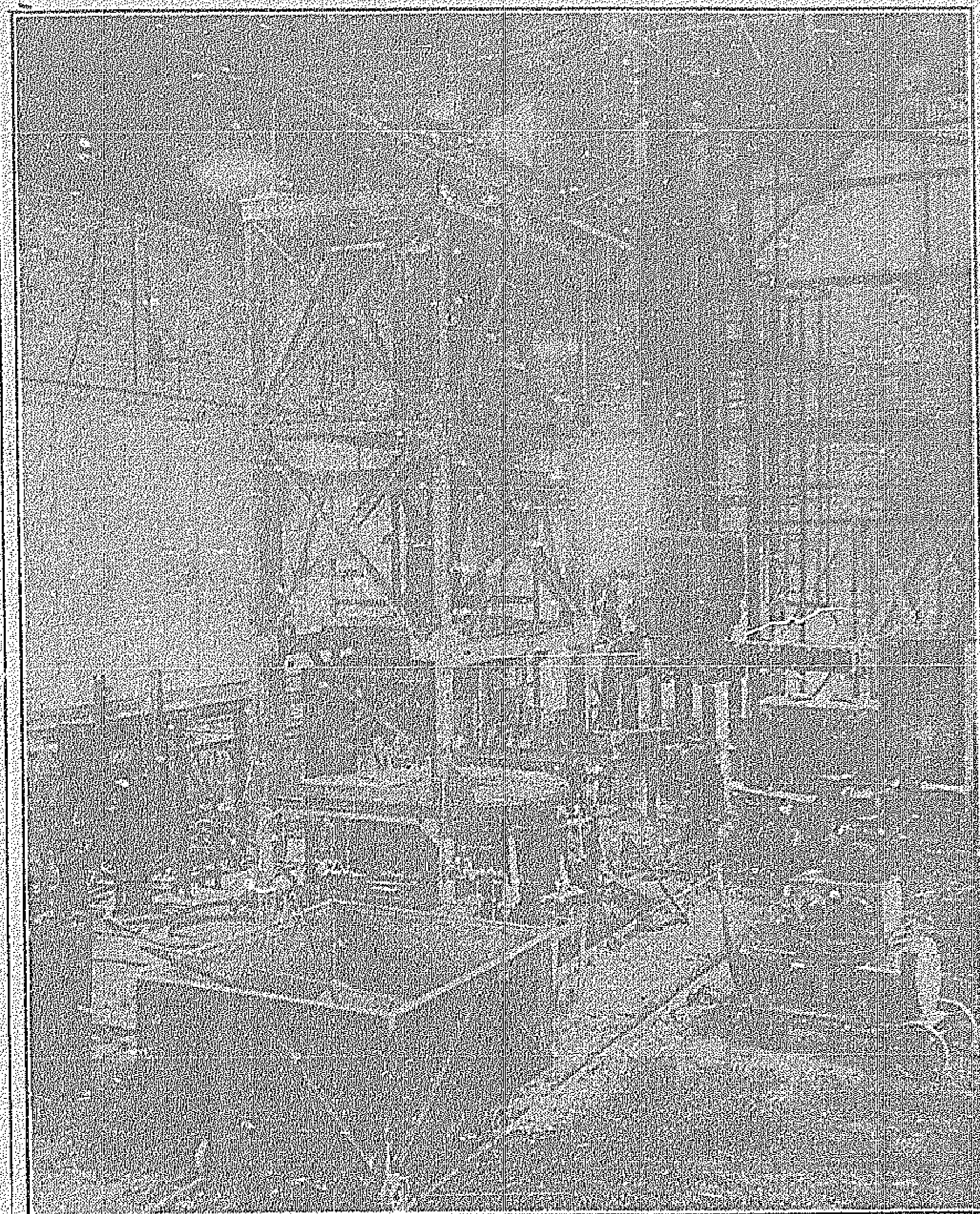
Despite the fact that the new foundry is one of the Research Foundation's most outstanding projects, it nevertheless represents but one of the many activities of the Foundation. In addition to the new foundry building the Foundation has approximately 20,000 square feet of laboratories in the Research Building and maintains the Combustion Engineering Laboratory in the old Ice Laboratory of the Institute.

Many New Projects

The fact that the Foundation is playing an increasingly important role in industry is evident from the fact that thirty-five long term research projects ranging all the way from nutshellers to spotlights and from wieners to glue. The Experimental Engineering Division completed 609 investigations last year, took out several patents, and wrote up 1029 reports. One of the most interesting projects being carried on at present concerns experimentation with high speed photography. Perhaps the most publicized project the Foundation has yet undertaken is number 1-69, the Snow Cruiser, which at present is doing an admirable job of exploring the Antarctic.

Changes in Personnel

During the last six months, the Foundation has made several important changes in staff assignments and



A view of one corner of the nearly completed experimental foundry of the Armour Tech Research Foundation, located at the south-west corner of the campus.

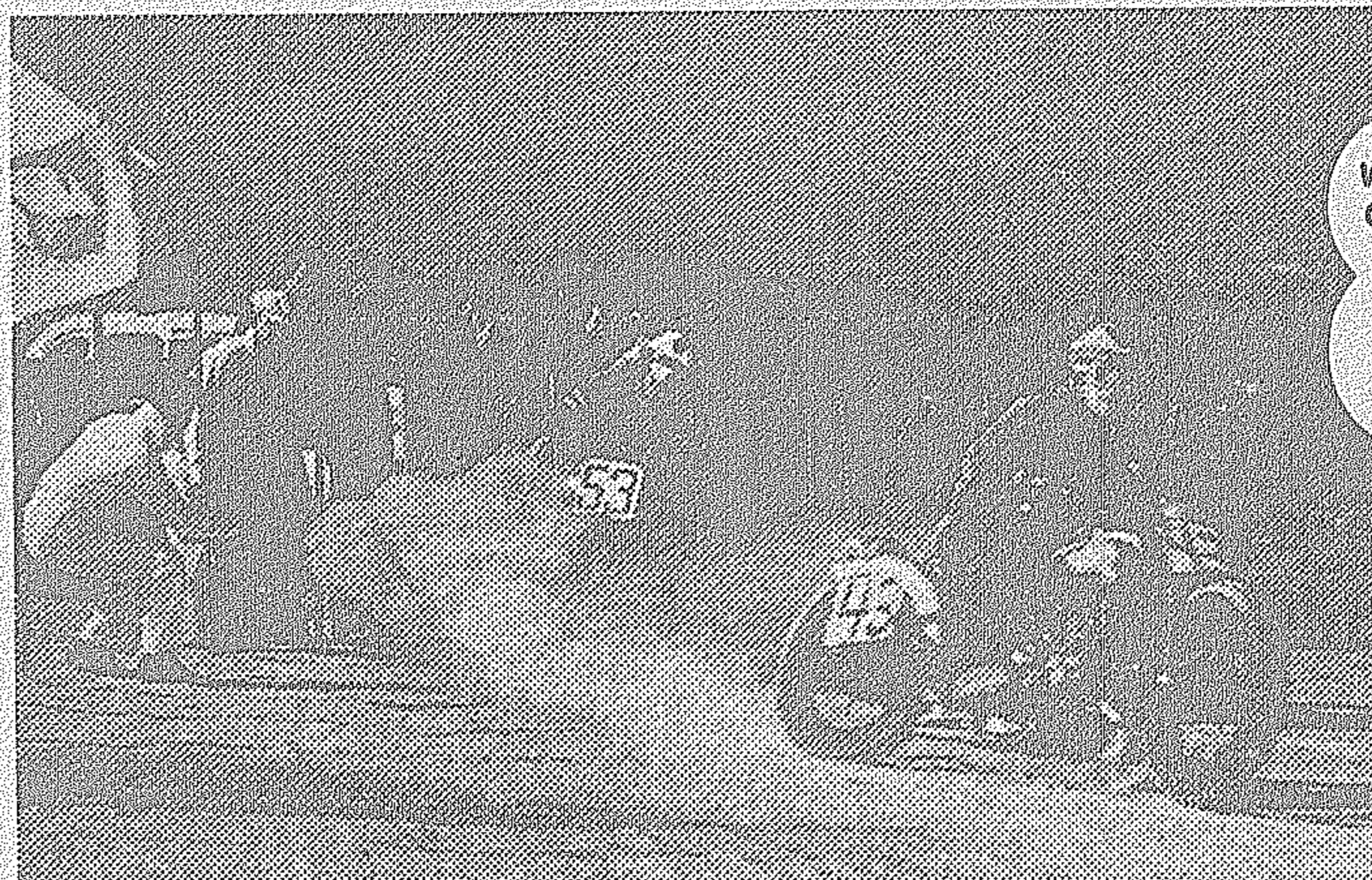
responsibility in order to handle the growing list of activities. A departmental organization such as in effect at Mellon Institute of Industrial Research has been adopted. Dr. R. H. Manly has been made Assistant Director of the Foundation and placed in charge of the Chemistry Department. Other departments include: chemical engineering, headed by Dr. F. W. Goodwin; ceramics and non-metallics, headed by Dr. H. G. Fisk; electricity and sound, headed by Mr. D. E. Richardson; experiment engineering, headed by Mr. J. C. Peebles; light, headed by Dr. G. E. Ziegler and metallurgy headed by Dr. W. A. Pearl.

There will be an issue of the Armour Tech News next week. Reporters are requested to get their assignments today as usual.

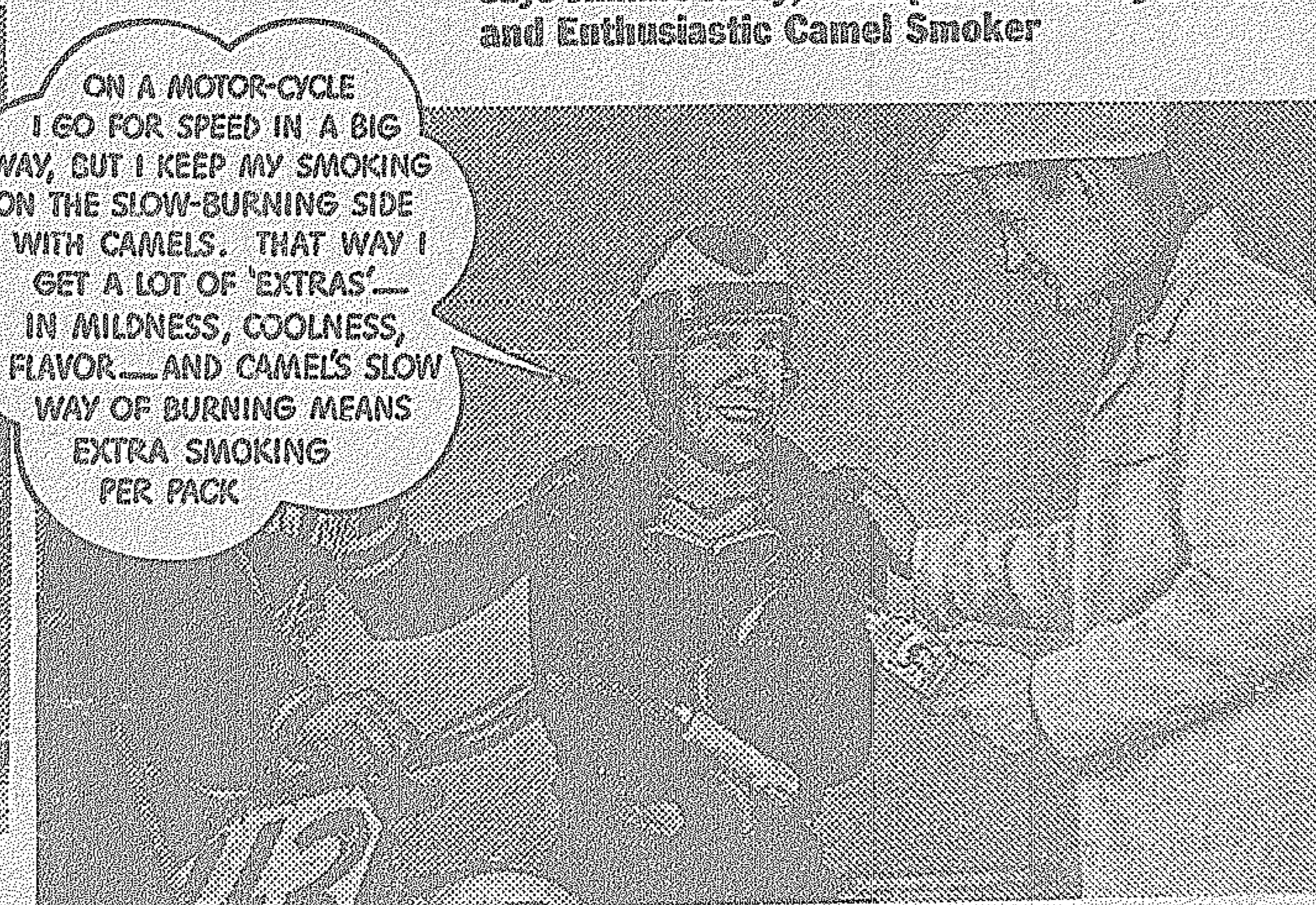
To date the above arrangement has

"Speed wins in motor-cycle racing! Slow burning wins in the cigarette field!"

says Jimmie Kelly, Champion Motor-cycle Racer and Enthusiastic Camel Smoker



ON THE FAST SIDE—A 50-mile-an-hour skid, and Jimmie Kelly (No. 43) whips into the lead on the ocean beach at Daytona. On a racing motor-cycle Jimmie Kelly is a riding champion, but when it comes to cigarettes, this record-breaking driver is . . .



ON A MOTOR-CYCLE I GO FOR SPEED IN A BIG WAY, BUT I KEEP MY SMOKING ON THE SLOW-BURNING SIDE WITH CAMELS. THAT WAY I GET A LOT OF 'EXTRAS'—IN MILDNESS, COOLNESS, FLAVOR—AND CAMEL'S SLOW WAY OF BURNING MEANS EXTRA SMOKING PER PACK.

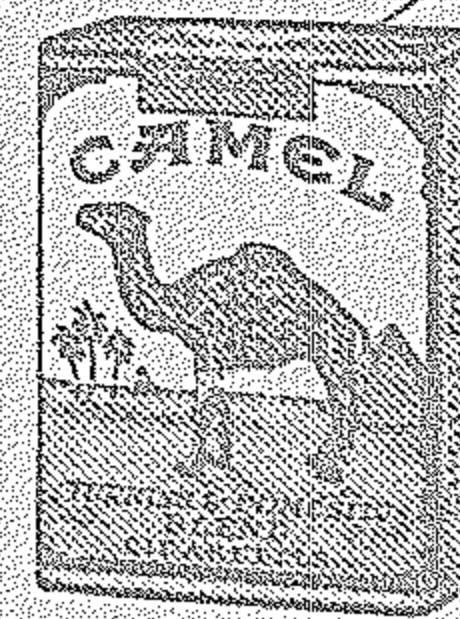
"ON THE SLOW SIDE"—That's Jimmie Kelly's way—and the way of millions of other smokers—of saying that he prefers the slower-burning cigarette...Camel. "That's where the 'extras' are in cigarette pleasure and value," explains Jimmie (above).

CHAMPION Jimmie Kelly (right, above) is just one of thousands of experienced smokers who have discovered that Camel's slower way of burning means several definite advantages. Being slower-burning, Camels are free from the drying, uncomfortable qualities of excess heat. They give you extra mildness and extra coolness...always so welcome. Slower

burning makes the most of the full, rich flavor of Camel's costlier tobaccos. Camels give you extra flavor... don't tire your taste. The extra smoking in Camels is a matter of the smokers' experience as well as of impartial laboratory record. So get more pleasure per puff and more puffs per pack. Get Camels. Penny for penny, Camels are your best cigarette buy!

© In recent laboratory tests, CAMELS burned 25% slower than the average of the 15 other of the largest-selling brands tested—slower than any of them. That means, on the average, a smoking plus equal to

5 EXTRA SMOKES PER PACK!



THE CIGARETTE OF COSTLIER TOBACCOS

Slower-burning Camels give you—

EXTRA MILDNESS

EXTRA COOLNESS

EXTRA FLAVOR