



# Armour Tech News



Vol. XI No. 3

Armour Institute of Technology, Chicago, Illinois

Tuesday, February 28, 1933

## HOTCHKISS TALKS AT WASHINGTON COMMEMORATION

### Stresses a Need for Fortitude at the Present

## MUSICAL CLUBS ASSIST

President Hotchkiss delivered the address at the annual Washington's birthday assembly held last Tuesday morning. The assembly which was Armour's tribute to the memory of Washington was opened with the singing of "Land of Hope and Glory" by members of the glee club.

### Discusses Character

President Hotchkiss opened his address by distinctly pointing out that he did not intend to lecture about Washington or discuss any of the various parts of his life; he only intended to say a few words about him in the course of his speech. He then proceeded to point out what he thought was the one outstanding quality of Washington, namely, fortitude. He thought that this particular quality was needed by everyone who intended to be the master of the present economic situation. He stated that fortitude was a quality which Washington demonstrated throughout his career and which is an essential quality for everyone to strive for.

### Tells Anecdotes

Several examples of authors who are just among the so-called "debunkers" of Washington were brought out by President Hotchkiss in his speech. He also related an anecdote told about President Jackson. The architects for one of the new government buildings had had quite an argument on the question of its location and had been unable to come to an agreement. President Jackson went out to look over the proposed sites, and finding one to his liking he thrust his cane into the ground and exclaimed, "By the eternal she goes there!" President Hotchkiss indicated that this idea might prove helpful in selecting the location for the new Armour buildings.

### Offers Aid to Students

In closing President Hotchkiss expressed an earnest desire to help all students of Armour on problems concerning their work around the Institute or any other problems that might arise, and invited them to come into his office whenever the need arose.

## Rifle Club High in Tournament

The Armour Tech Rifle Club has distinguished itself by taking the greatest number of points to date in the tournament sponsored by the Illinois State Rifle Association. The results following, however, cover the first two of a series of six meets. Armour is first with a total of 1866 points; the Franklin Rod and Gun Club follows with 1756 points; and the Edinburgh Legion Rifle Club is last with a total of 1577.

The first two meets were played off on the third and tenth of February, and the remaining four will follow in due order. The winner of the tournament will receive the title of state champion, and the remaining teams will be ranked according to their standing in the meets. Donald G. Wilson, E. E. '33, is at present the highest ranking individual in the meet.

The names of the Armour men competing are as follows: Helmick, captain; Hollmann, Wilson, Hackley, Renstrom, Marow, and Harwood.

### Rifle Club Meeting

The Rifle Club will have a meeting, Wednesday, March 1, at 12:20 p. m. in Room E of Chapin Hall. There will be the regular order of business and election of officers. All students interested are cordially invited to attend.

## Contest Open to Soph Electricals

Eta Kappa Nu, honorary Electrical Engineering Fraternity, announces its annual essay contest. This contest is open to all sophomore electricals. The essays which should be on some phase of electricity of interest to the contestant, will be judged on originality, general interest, and treatment of the subject matter.

The award will be a copy of the new sixth edition of the Standard Handbook for Electrical Engineers. The judges are to be J. W. Juvonnall, W. W. Lange, M. L. Freban, R. F. Eycholt, and P. J. Thompson. All essays, which should be from one to two thousand words in length, should be in the hands of one of the judges by May 1.

Winners in past years have written on the following subjects: "Lighting—A Review of Progress Made in Its Study"; "Sun Spots and Their Effect on Radio"; "Directional Beam Wireless Transmission."

The winning article will, in all probability, be published in a future issue of The Armour Engineer.

## Student Conference Discussed by A.S.M.E.

Addressed by Mr. Leonard, secretary of the mid-west section, the A. S. M. E. held a short meeting Friday morning, during which many important topics were discussed.

The society has long been contemplating a student conference of all the nearby colleges, and it seems that the plans are finally coming to a head. This conference, which will be composed of student members primarily, will probably be held on April 23 and 24. It is expected that student branches from as many as 16 colleges will be represented, one delegate from each, who will display their respective college newspapers in comparison with those of the others.

The Armour branch will act as a sort of host to these various institutions that will be represented, being one of the largest chapters in this section.

The conference will require two or three days, following which the various sights of Chicago will be taken in, particularly the World's Fair exhibits in attendance.

## Discuss Biochemistry At Meeting of A.C.S.

Dr. Clyde Harold Bailey, professor of agricultural biochemistry at the University of Minnesota, delivered an address on "Physical and Chemical Methods in Applied Biochemistry" at the monthly meeting of the American Chemical Society at the Midland Club last Friday evening.

General Gilbert, chief of the Chemical Warfare Division of the U. S. Army, a visitor at the meeting was called on to say a few words. He told of the effect of the present economic conditions on chemists and also gave his opinion on the use of chemicals and poisonous gases in warfare. He believed that poison gas was actually a more humane weapon than firearms, calling attention to the fact that both sides in the late war had experienced a much smaller percentage of fatalities from gas than fatalities from firearms.

At the close of the main session the meeting adjourned to the various group meetings, inorganic, analytical, organic, biochemical, physical chemical, and chemical education, which were held in adjoining rooms. The latter group featured a talking picture designed for class room instruction.

A number of Armour students and professors attended.

### W. S. E. MEETING

G. A. Haggander, chief bridge engineer of the Burlington Route, will deliver an address on bridge construction before the Western Society of Engineers on Friday, March 23, at 10:30. Mr. Haggander is an Armour alumnus having graduated in 1907.

**NOTICE**  
A special bulletin describing the course in Chemical Engineering will be ready for distribution at the office of the Deans on Friday, March 3. This is the fourth number of a series covering courses offered by the Institute.

## A. I. E. E. Smoker to Be Thursday

Members of the American Institute of Electrical Engineers will attend a smoker to be held in the rooms of the Truss Club located at 2423 S. Michigan Avenue on March 2. This period of amusement will start at 8 o'clock and most of the members of the electrical engineering department will be present. Invitations are being extended to all the faculty members of the department.

The evening will be devoted to bridge playing or to any other card game desired and to an act which will be really clever according to the officers. Those who attend the smoker will be mystified and entertained by Mr. Francis Hubbard, a contemporary of such great captains as Houdini, Thurston, and Carter. Hubbard will present a program of mystery including sleight of hand, illusions, and tricks and other interesting exhibits in the art of magic. It is promised that this part of the entertainment will be very interesting and well worth everyone's attendance.

An invitation is extended to all those desiring to attend the smoker but living too far from school to go home and then return to make themselves at home at the Truss club rooms for the few hours preceding the entertainment.

## Henderson To Speak at A. I. Ch. E. Meeting

Mr. W. F. Henderson, chief chemist for the Visking corporation, will talk before the A. I. Ch. E. next Friday, March 3, at 10:30. He will give an illustrated lecture on Viscous castings for castings.

Last Friday, February 24, at 10:30 in room C Mission, Mr. Louis Ehrenfeld, curator for the chemical division of the Rosenwald Museum of Science and Industry, spoke before the organization. The fact that there is a very practical side to chemical engineering aside from designing and setting up equipment, was the theme of the first half of the speaker's talk.

The last half was devoted to a discussion of the various chemical engineering problems presented in the equipment and demonstrations to be shown in the chemical division of the Rosenwald Museum of Science and Industry. The museum will open to the public about the first of May. It is located in the old Fine Arts Building in Jackson Park.

## Engineering and Power Exposition Scheduled for Week of June 25

The 6th Midwest Engineering and Power Exposition will be held during the week of June 25, 1933, instead of in February as formerly. The change has been made to give Engineers attending "Engineering Week" an opportunity to transact business with a large group of manufacturers who will be showing their products at the Power Show. Early indications point to a complete utilization of the 25,000 square feet of floor space at the Coliseum Building with exhibits of machinery, equipments and supplies portraying the latest advances in the various wide uses of power—from ordinary power operated tools to large generators, engines, pumps, heating and air conditioning and many others of like importance.

The educational features of the Power Show will be sponsored by Armour Institute of Technology, Chicago, and Mr. George F. Gebhardt, Prof. of Mechanical Engineering, will be in direct charge. It is hoped that these features will be particularly

## Radio Talk Given by Dr. Hotchkiss

Dr. Willard E. Hotchkiss, president of Armour Institute of Technology, talked last Sunday evening on the Armour Tech radio program from station WJJD, Chicago. Dr. Hotchkiss' appearance on Sunday's program was arranged when the scheduled talk of John R. Cantley, Bendix Aviation Corporation official, was changed to Sunday, March 5.

### Discusses Economic Problems

The talk given by Dr. Hotchkiss was a general discussion on economic problems. He stated first, that world problems, social, economic, and political, are so vast and complex, that none of the remedies which have been conceived and applied thus far, can hope to effect any considerable recovery. Availing that he himself is "frankly agnostic" both as to the causes of depression and the remedial measures which will prove to have been most useful in overcoming it, Dr. Hotchkiss pointed out the fact that specialists do not ever agree in their "diagnosis" of world illnesses.

Notwithstanding the apparent hopelessness of world wide conditions, Dr. Hotchkiss recommended a procedure which, he said, cannot fail to be productive of good results. The slackened activity of all kinds which occurs in times of adversity, he pointed out, can be turned into an opportunity for rehabilitation.

### Must Plan for Future

Industrial, business, and social organizations should use the time which is now released from productive activity for general "stock-taking" and planning for the future, according to Dr. Hotchkiss' belief. He mentioned several organizations, both industrial and educational, which are engaged in such efforts. However unimportant these individual measures must seem in the face of gigantic difficulties, if practiced widely he believes that they can do much to hasten recovery in all fields.

## Chess Club Members Will Play Wheaton

Members of the chess club expect a match with Wheaton and intend to progress and make a name for themselves during the next few months.

The club has been organized since October and there are about twenty active members, most of the others being inactive due to their class schedules. The offer for instruction is still open to beginners and they are welcome to come up to the Campus Club at any time. The club has received notice from a new club in Wheaton regarding a match and they expect to complete arrangements in the near future.

B. J. Lodeski is the temporary president and under his leadership the club has advanced rapidly.

## F. P. E. S. to Hold Annual Smoker

The annual smoker of the Fire Protection Engineering Society is to be held the evening of Thursday, March 2, at the Theta Xi house, 3305 Michigan Boulevard. Mr. J. V. Parker, Mr. W. R. Townley, and many of the alumni are expected to attend. There will be a novel program of entertainment and refreshments for all. All F. P. E.'s are invited to attend.

Salamander will award its annual prize at the smoker to the freshman who has the highest scholastic standing. This prize is a valuable Crosley-Fiske-Förster Fire Protection Engineering Handbook.

At the meeting of the Fire Protection Engineering Society held Friday, February 24, a very interesting motion picture was shown by Mr. R. E. Vernon, manager of the Fire Protection department of the Western Actuarial Bureau. The movie was called "The Red Carnival" and depicted recent large fire losses.

## Senior Electricals Inspect X-Ray Labs

Last Thursday, February 23, Professor Freeman and a group of senior electricals made an inspection trip to the General Electric X-Ray Company, 2012 W. Jackson Blvd. The company manufactures not only X-ray equipment, but also doctor's electrical apparatus, such as therapeutic and violet-ray machines.

The X-rays are used in three general ways—to take internal pictures of various parts of the body; to treat diseases, such as cancer; and to inspect machinery for flaws. The latter use is becoming very common in industry for the inspection of airplane pistons, rails, etc. Strange to say, the efficiency of the X-ray tube is only 0.01 percent; the other 99.99 percent of the energy is changed into heat. For this reason tungsten, which has a very high melting point, is used for the filament and target, and a special heat-resisting pyrex glass composes the walls of the tube. This glass is one-quarter inch thick or more, to prevent it being punctured by high currents, X-rays, besides being beneficial, can also be harmful, and have to be used in lead enclosed rooms to prevent their escape.

## Senior Announcement Contract Is Awarded

The contract for the senior graduation announcements has been let to the Charles H. Elliott Company, the same company that held the contract last year.

The announcements this year will consist of two grades, one with leather covers which will sell for forty-five cents apiece and the other with cardboard covers for twenty-five cents apiece. They will include a list of the seniors, the history of the class, class officers, a picture of the Institute, baccalaureate exercises, and the graduation exercises.

Orders for the announcements will be taken by certain members of each department. According to B. Larson, chairman of the announcement committee, all orders are to be turned in by the latter part of March.

## President to Attend Amherst Alumni Club

Doctor Hotchkiss, Dean Penn, and Professor Hendricks will be present today when Dr. Stanley King, recently chosen president of Amherst College, addresses the Rotary Club of Chicago and the Amherst Alumni Club of Chicago at a luncheon at the Sherman Hotel. Both Doctor Hotchkiss and Professor Hendricks have long been friends of Doctor King. Professor Hendricks is himself an alumnus of Amherst College.

The presidents of the University of Chicago, Northwestern University, Loyola University and other universities and colleges in this district will also attend.

## ARMOUR MUSICAL CLUBS APPEAR IN PUBLIC CONCERTS

### Orchestra, Glee Club to Perform at Hotels

## HEARD ON RADIO

For the second time the Armour Glee Club has made its appearance over the air. They were heard last night in a fifteen minute program beginning at 4:45 over station WGN from the studios in the Drake Hotel. The program presented was made up of the following songs: "Salutation" by Glines; "Finlandia" by Sibelius; "Trumpet" by Diel; "Song of Fellowship" by Harris; and the "Armour Fight Song." The double quartette presented the melody "Out of the Dusk to You" by Dorothy Lee. Previous to their appearance on the air the members of the club were shown through the broadcasting station and were given a brief idea of the work entailed in the planning of broadcasts.

### To Entertain at Evanston

This completes the second of a series of four, and perhaps more appearances of the Glee Club outside of the Institute. On Sunday, March 12, both the orchestra and glee club will be entertained by Mr. Kilm of the North Shore Hotel of Evanston, after which they will give a concert in the hotel ball room. The concert will begin at 7:30 p. m. and the public is cordially invited to attend. Special preparations and decorations for the ballroom are being planned, and a large gathering is expected.

### To Present Concert March 17

On Friday, March 17, the orchestra and glee club will unite in presenting a concert in the apical ballroom of the Belmont Hotel. There is to be a dance following the entertainment, presented by the Alumni Association of the Chicago Teachers College. The members of the two musical clubs are invited to be present and join in the dancing.

There are tentative plans for further engagements, but they have not as yet appeared in concrete form. The glee club is to be congratulated upon its advent over the air and it is hoped that its increasingly widespread activities, with the orchestra in collaboration, will make the musical clubs a more widely known and recognized organization. An important step has been taken, and undoubtedly will pave the way for further activities.

## President Guest at Alumni Lunch

Dr. Hotchkiss, our new president, was the guest of the Armour Alumni Association at a luncheon held at the Union League Club last Wednesday, February 22. The officers, advisory council, and the board of managers of the association, all of whom were elected at the last business meeting of the alumni, were present.

Dr. Hotchkiss spoke briefly on the functions of faculty, trustees, and alumni in the development of Armour Institute. He was confident that the alumni would be of great assistance in effecting the plans for development.

John J. Schommer, president of the Alumni Association, outlined the association's plans for the coming year; and Professor David P. Morison, secretary-treasurer, told of his plans for more efficient dispatch of association functions.

A general discussion of alumni affairs, the organization of branch chapters, and alumni news followed.

### PHI LAMBDA UPSILON

Last Thursday night Phi Lambda Upsilon, honorary chemical society initiated two senior chemicals, Walter G. Hollmann and Vincent J. Galvani, at the Phi Kappa Sigma house.



### Past History of Two "Schmier" Trophies Is Further Unraveled

By Henry Levin

Last week it developed that Professor Freud brought the word "schmier" with him to Armour. Well, after exhausting the memories of Professor Bentley and Harold ("time to close up") Hoebel, it developed that a senior by the name of Misegades, '29, was the first to receive a trophy of any kind. The professor remembered that the first award was nothing but a neat little lead slug with a red (?) ribbon attached to it. And outside of such outstanding recipients such as Kieth Misegades of empty nine and Turman of '30, the trophy was found on some of the best bosoms and busts at Armour. Beyond a doubt then, the trophy found its origin in the senior class—the seniors get first blood.

#### Bentley Prefers Jackass

However, we asked Professor Bentley point blank which of the trophies he would rather have, the broken flask of the seniors or the jackass head of the sophomores. The sophomore will be glad to know that the answer was immediately and unhesitatingly—the jackass! When asked why, the professor explained that it was because of the depression. You see, sez he, "The jackass'll make more telephone slugs."

In waylaid Harold we accomplished a feat seldom duplicated. We actually kept him in the lab for several seconds after five o'clock. Just think of it, Harold revolved himself as the maker of the medalion "in person, and not a moving picture." Therefore, he immediately

assumed the proportions of an authority of the first water—aqua pura. "Yes," said Harold, "the first medal (and the first model) was the aforementioned lead slug, and it was given to Misegades at the end of '29 in general recognition of his qualities as a schmier chemist."

#### Harold Inaugurates New Model

"Speaking of models," continued Harold, "there were several changes effected in the course of time. Apparently the lead slug died a natural, or unnatural death, depending on the financial straits to which its now famous owner may have been reduced after he was forced to seek his way in the 'crool, crool world.'" Anyway the lead slug disappeared, and Harold came out with a brand new model. The new model A Ford took a back seat, Chrysler's "77" blushed modestly, and Packard secretly inaugurated a few of Harold's features into their own design. The new schmier trophy had sleeker lines, didn't talk back or back fire, and Harold guaranteed it not to disgrace its wearer even in the most ritzy of social strata. The job was molded in the shape of a donkey's head; the body by Fisher was left to the imagination, and it was because of this very salient fact that it was incapable of back firing. Seem sure? In the class of '30 there was much discussion as to who would be given the brand new deluxe model of the jackass for that year. . . . But more of that next time—count is adjourned!

(to be continued)

### Fraternity Notes

#### PHI PI PHI

The annual election of Gamma chapter of Phi Pi Phi was held on February 27. The following brothers were elected to office.

President, E. Simpson; vice president, Bob Samuels; secretary, D. Gregerson; treasurer, R. Friede; chaplain, J. Castanes.

Formal installation will be held on March 2.

#### THETA XI

A goodly crowd of actives, pledges, alumni, and visitors attended the radio dance at the chapter house last Saturday evening, February 25. Plans are under way for the Hard Times Party to be held about the middle of March.

The Fine Production Engineering Society annual smoker will be at the house on Thursday evening, March 2.

#### PHI KAPPA SIGMA

At the regular annual Chicago and initiation held at the Interfraternity Club last Friday evening, the following men were initiated:

William Henry Fogle, '36.  
William Harrison Savage, '36.  
Earl Alfred Phillips, '36.

Many alumni as well as actives were present. A song party was held at the chapter house when the dinner and ceremonies were completed.

#### TRIANGLE

Dinner plans have been formulated for an Alumni Smoker for March 25 at the chapter house. A banquet will be served at six o'clock.

Don Fetherman was the victim of a hobbyp last Friday evening at seven o'clock on the corner of Michigan

Avenue and Thirty-second Street. Our chef was also held up at the same place last December.

A ping pong match with Beta Psi has been planned for the latter part of the week. Each will have a four man team with three matches of singles and two of double.

#### SIGMA KAPPA DELTA

Sigma Kappa Delta takes pleasure in announcing the pledging of these men:

E. J. Baumel, E. E., '35.  
A. Skjoldal, M. E., '36.

The dance held at the house last Saturday evening was a big success. Don Iverson was the most noticeable alumni present. The annual Hard Times Party is for Saturday, April 8, tentatively planned.

#### RHO DELTA RHO

A large turnout of alumni members helped swell the crowd which attended the smoker held last Thursday, February 23. Professor Nachman, our faculty advisor, attended the affair.

The highlights of the evening were the jokes of Brother Leo Roznick and the "hot dog" eating contest which was won by Brother Aubrey Meyer with a comfortable margin of five sandwiches. He consumed eight in a row. Incidentally, he is blessed with the fat of the land in the form of adipose tissue.

#### DELTA TAU DELTA

The February Mothers' Club Tea was held Sunday, February 19, 1933, with great success. This meeting was set aside as "Young Ladies' Day" and a goodly number of the brothers were on hand with their young ladies.

Brother Ted Bergman visited the house Wednesday and Thursday.

### Tech Basketeers Defeat Normal

The Armour Tech basketball team, playing its last home game of the season, defeated Chicago Normal last Tuesday evening by a score of 44 to 37. Al Lauchiskis, by sinking eight baskets and one free throw, was the high point man of the game.

The first score of the game came when Pele of the Chicago Normal team sank two free throws after five minutes of cautious playing. Armour then began their scoring when Al Lauchiskis dropped in the first of his series of eight baskets for the first Tech score of the game. Soon the rest of the Armour men found the hoop with regularity making the score 25 to 18 at half time in favor of the Techmen.

#### Rough Basketball in Second Half

The second half produced some of the roughest basketball ever seen at the Armory. Players were sliding and diving across the floor and fouls were freely called on both teams.

Sensational shooting at this stage of the game by Pele of Normal from midfloor threatened the Tech lead, but a few step in shots by Lauchiskis and long shots by Pfum and Beemsterboer kept Armour safely in the lead.

### Armour Wrestlers to Meet Wheaton Team

This week will find the Armour Tech wrestling team engaging in two wrestling meets. Their opponents are Wheaton College and the Lincoln-Belmont Y.M.C.A. wrestling teams. The Armour grapplers will

BOX SCORE			
	B.	FT.	P.
<b>Armour—44</b>			
Lauchiskis, f	8	1	0
Laschober, f	1	1	2
Dollenmaier, f	1	0	0
Beemsterboer, g	4	1	3
Pflum, g	4	0	4
Warner, g	1	1	4
Lukas, g	1	0	2
Rummel, g	0	0	0
Total	20	4	15
<b>Chicago Normal—37</b>			
Egan, f	2	3	2
Pele, f	5	2	2
Weintraub, c	2	1	1
Kass, c	1	0	4
Grotch, g	4	3	3
Mabbett, g	0	0	1
Swiryn, g	0	0	1
Total	14	9	14

go to Wheaton tomorrow afternoon and then will meet the wrestling team of the Lincoln-Belmont "Y", Saturday, March 4.

The meet with Wheaton is the second one of the season with that team. In their former meeting the wrestlers from Wheaton defeated the Armour men six bouts to two. However, this time the result is expected to be different. One of the reasons is that Frank Talaber, C. A. A. U. middleweight champion, is going to make the trip. Frank did not wrestle in the last meet with Wheaton. Other men who will make the trip are Bergquist, Patterson, Schmidt, Holla, Porritt, and Sumner.

The Lincoln-Belmont Y.M.C.A. at 3333 North Marshfield will be the scene of twelve matches between the wrestlers of that institution and the Armour grapplers. This large number of bouts will give almost every man on the Tech wrestling squad a chance to wrestle.

### ARX NEWS

Arch, mech, civ, elect . . . chemical and fire protect! "Archa are first again," quotes Gus KVAPIL, the original back-slapper. But first or last . . . it all rhymes with Armour Tech . . . Some cheer . . . Arch, arch, architect!

George W. TERP and Hans P. NELSON, whose middle initials incidentally stand for "Wicked" and "Puns" respectively, wish to express their gratitude to all those who niggared on their recent problem . . . the "Rome Collaborative."

Confidentially, don't you think that those middle monickers are products of someone's wild imagination or good sense of humor?

Mr. OSTERGREN, a Chicago architect gave a very constructive criticism on the "Ferry Wharf" problem. Mr. Ostergren was a member of the jury which awarded first maulana to Brothers HENSON and KAHN.

Vic Chiappe was constantly reminded that his sketch problem was a "Garden Gateway." Evidently this had a good result as his sketch rated highest on "judgment day".

Far be it from Arx News to advertise some one else's barber; but if anyone is interested in getting a Sing-Sing bob he might communicate with Mal FORSYTHE, whose haircut permits his hair to defy all laws of gravity.

From one who knows, we learn that Milt KOHN and Bert PALMER are the department's best spaghetti imitators. This might account for Bert's long legs, but the theory reverses in Milt's case.

The seniors of Mr. WILMANN'S class in business law were spoken to by Mr. E. Stanford HALL, prominent architect and member of the state architectural examination board. Mr. Hall's talk was very timely as it instructed the seniors in making their debut as architects.

Napoleon had his Waterloo, General Lee surrendered at Appomattox courthouse, and herein your own Arx Newsed succumbs, just as Charles Lamb had done, to a pen-name. Such a selection, you can appreciate, is very difficult for one of modesty to make, but much of this difficulty and possible embarrassment has been spared by a gracious admirer who has dubbed yours truly, on a familiar "Wall of Fame," as "Eagle Eye."

Here's looking at you—  
EAGLE EYE.

# People know it..

## "Chesterfields Satisfy"

WHEN smokers keep buying the same cigarette day after day... it's a pretty good sign that they're getting what they want... mildness, better taste—a smoke that's always the same.

So we're going right on making Chesterfields just as we always have... selecting choice, ripe tobaccos... ageing them... blending and cross-blending them... making them into cigarettes in the most scientific ways that are known.

As long as we do these things we know that smokers will continue to say, "They Satisfy". For that's what people are saying about Chesterfields.

If you smoke, why not find out about them? A package or two will tell you the whole story.



# Chesterfield



© 1933, LIGHT & MYERS TOBACCO CO.

THEY'RE MILD—  
THEY TASTE BETTER

# TECH TRACKSTERS BEATEN BY NORTH CENTRAL COLLEGE

## Armour Trackmen Lose to Naperville by 59-45 Score

### NELSON LEADS SCORING

The Armour Tech trackmen were defeated by their old traditional rivals, North Central, by a score of 59 to 45 last Friday evening at the North Central fieldhouse. The North Central tracksters gained this advantage by copying six first places, two ties for first place, six second places and five third places while our boys garnered four first places, four ties for first place, three second places and four third places for second honors.

#### Nelson High Point Man of Meet

George Nelson, winning a first place in the broad jump with a jump of 21 feet, a tie for first place in the high jump and two second places in the hurdles was the high scorer of the meet with 14 points to his credit. Roberts, another Armour man, was the second high point man with a total of 11 points, gained by winning both low and high hurdles plus a third place in the broad jump. Culver of North Central, held third honors with a first and a second, respectively, in the mile and half mile runs.

The first event of the meet was called shortly after the Tech engineers arrived in Naperville (about 7 o'clock) when the pangs of hunger began to manifest themselves. The home trackmen quickly went into a seemingly big lead by sweeping the 60 yd. dash and the mile run except for a third place.

#### Tech Gains As Meet Progresses

Roberts and Nelson collaborated to take first and second places, respectively, in both hurdles to make a somewhat more respectable score. Quantock of North Central took the 440 yd. run with Captain Sademan second, who was handicapped by a severe cold and poor start.

In the 2 mile run, Werner of North Central broke the field house record by turning in the last time of 10:26.5. The shot put event went to Frateschi of Armour with a heave of 28 ft. 4 in. Concolino, of Tech pole vaulted to a height of 10 ft. 6 in. to go into a triple tie with two North Central men and made the score at this time 39-29.

#### Armour Sweeps High Jump

By the time the height of 5 feet 8 inches in the high jump came around no North Central man had survived while three Armour men were still in the running, adding 9 points to Tech's total.

In the relay the Armour team went into a lead that Dittman, by some great running, overcame and added enough to insure his anchor man a victory.

#### SUMMARIES

- 60 yd. dash—Won by Deiber, N. C.; second, Galinsky, N. C.; third, Sademan, A. Time—:06.4.
- 1 mile run—Won by Culver, N. C.; second, Nelson, N. C.; third, Erickson, N. C. Time—4:43.5.
- 60 yd. high hurdles—Won by Roberts, A.; second, Nelson, A.; third, Godfrey, N. C. Time—:08.
- 440 yd. dash—Won by Quantock, N. C.; second, Sademan, A.; third, Marquardt, N. C. Time—:54.2.
- 60 yd. low hurdles—Won by Roberts, A.; second, Nelson, A.; third, Dittman, N. C. Time—:07.4.
- 2 mile run—Won by Werner, N. C.; second, Sperry, N. C.; third, Callem, A. Time—10:26.5 (New North Central field house record.)
- Shot put—Won by Frateschi, A.; second, Nolte, N. C.; third, Ball, N. C. Distance—38 ft. 4 in.
- Pole Vault—Tied for first place (Concolino, A.; Fahtz, N. C.; Frank, N. C.) Height—10 ft. 6 in.
- High jump—Tied for first place (Nelson, A.; Kulpak, A.; Bejeck, A.) Height—5 ft. 7 in.
- 880 yd. run—Won by Haag, N. C.; second, Culver, N. C.; third, Sademan, A. Time—2:10.
- Relay—Won by North Central (Thompson, Marquardt, Dittman, Quantock); second, Armour. Time—2:33.2. (New North Central field house record.)
- Broad jump—Won by Nelson, A.; second, Erickson, N. C.; third, Roberts, A. Distance—21 ft.

# Loyola Tankmen Defeat Armour

The Loyola swimmers eked out a victory over the Armour tankmen by a score of 40 to 35. The meet, which took place at Loyola, proved to be another of the series of hard fought and exciting contests engaged in by the Techmen. The meet was not decided until the Loyola boys captured first place in the last event which netted the necessary points and gave the victory to the Northsiders.

To date Armour has won 2 and lost 4. This is a creditable record because the Armour men are engaging teams of much higher caliber than those met in years gone by. More victories are anticipated for the remainder of the season when the Armour swimmers take on their opponents in the Bartlett pool.

#### Carlstrom Breaks Record

The Techmen have been making good time in their recent meets. Carlstrom set a new Armour Tech record in the 50 yard freestyle event by making the distance in 25 seconds flat. He was aided in this accomplishment by an exceptionally good start.

Kolve gathered 8 points to make himself high point man for Armour. He won his points in the diving and breast stroke events.

#### Summaries

- 200 yd. relay—Won by Loyola (Coren, Vandenberg, Ertz, Trick); second, Armour. (LaForce, Giovan, Ahern, Carlstrom). Time, 1:49.5.
- 100 yd. breast stroke—Won by Knaus, A.; second, Kolve, A.; third, Sertich, L. Time, 1:17.8.
- 50 yd. free style—Won by Carlstrom, A.; second, Ertz, L.; third, Trick, L. Time, 0:25.
- 100 yd. backstroke—Won by Elwell, L.; second, Bernstein, A.; third, Hefterman, L. 1:17.
- 100 yd. freestyle—Won by Carlstrom, A.; second, Ertz, L.; third, Speerl, L. Time, 0:51.
- Fancy Diving—Won by Kearns, L.; second, Kolve, A.; third, Reed, A.
- 200 yd. freestyle—Won by Elwell, L.; second, Burson, A.; third, Tenney, L. Time, 2:21.5.
- 150 yd. medley—Won by Loyola (Elwell, Sertich, Trick); second, Armour (Bernstein, Knaus, LaForce). Time, 1:35.

#### Armour Loss to Milwaukee

February 18 the Tech swimmers journeyed to Milwaukee to be defeated by the Milwaukee State Teachers College. The final score was 41-34. Again the Armour paddlers were the victims of a successful last minute spurt that placed the swimming teachers in the lead. In this meet Carlstrom won 11 points to lead the scoring for the squad.

#### Summaries

- 200 yd. relay—Won by M. S. T.

- (Zion, Burns, Braumm, McCamm), second, Armour (LaForce, Giovan, Ahern, Carlstrom). Time, 1:49.5.
- 100 yd. breast stroke—Won by Kolve, A.; second, Fisher, M.; third, Beake, M. Time 1:19.1.
- 50 yd. freestyle—Won by McCamm, M.; second, Carlstrom, A.; third, Giovan, A. Time, 0:26.9.
- 200 yd. free style—Won by Burson, A.; second, Braumm, M.; third, Karpowitz, M. Time, 2:33.8.
- 100 yd. freestyle—Won by Zion, M.; second, Carlstrom, A.; third, Ahern, A. Time, 1:01.4.
- 100 yd. backstroke—Won by Bernstein, A.; second, McCamm, M.; third, Luce, A. Time, 1:18.2.
- Diving—Won by Tacolucci, M.; second, Kolve, A.; third, Schields, M.
- 300 yd. medley relay—Won by M. S. T. (Wilice, Fisher, Zion); second, Armour (Bernstein, Knaus, Ahern). Time, 3:45.

# Armour Tech Boxers Schedule Five Meets

The Armour Boxing Team has arranged for meets with Culver Military Academy, Morton, and St. Viator College. They will box against Culver at Culver, Indiana, but as yet the date has not been set. Morton is to be engaged in a home and home arrangement. They box at Morton on March 8 and at Armour March 5. Two meets are to be run off with St. Viator's College sometime in April.

# TECH SHORTS

The last game of the season for the Tech basketball squad was played last night at Crane College. For results, see the bulletin board. After the game, the squad held a meeting for the purpose of electing a captain for next season. Congratulations, Captain!

The swimming team was taken aback by the Northwestern "B" team last Friday in the return meet of the season. The score was 46 to 29, and as usual, Carlstrom was right in there with a high nine points.

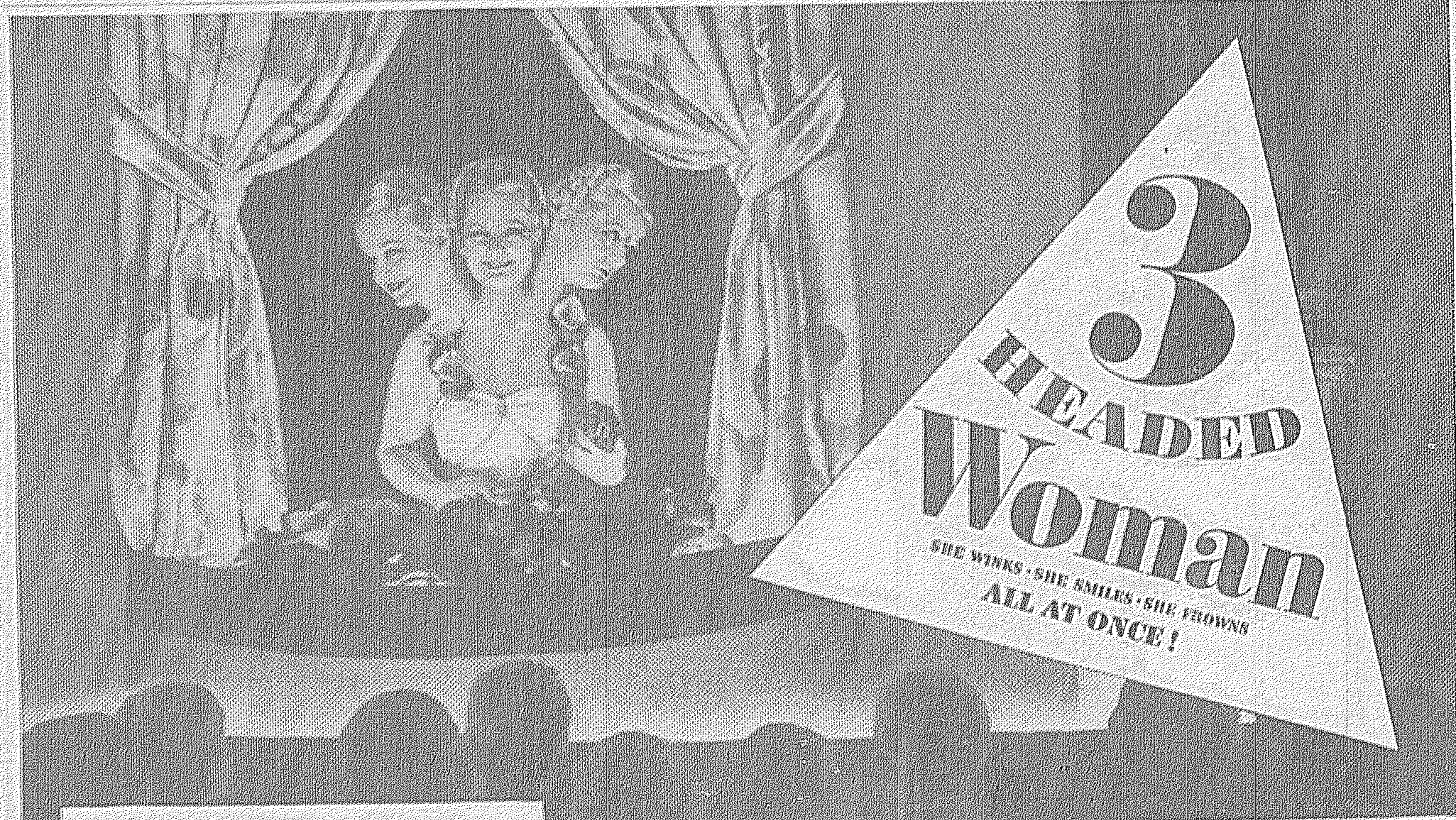
The old school cafeteria is being remodeled into a locker room. Lockers and showers are being put in and the coming of Spring will find a much-improved locker room ready for the baseball and outdoor track teams.

**Rifle Team**  
After much discussion, the rifle team has been added to the roster of Tech sports and will henceforth be supported by the A.T.A.A. The question of awards has not been settled as yet. Go to it, boys, and bring in those victories.

**Help—Help**  
Coach Kraft has issued a call for assistant managers for the baseball team. Come on, you juniors and get in the running. Give your written application to the Coach in the near future.

To bring a certain degree of shame upon those who make attendance at Tech athletic games and meets a rarity, we herewith bring forth a fact known to few Armourites outside of the members of the track team. It seems that Mr. and Mrs. Nelson have not missed a single Armour track meet for some length of time. And can Mrs. Nelson yell!

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BREAD, BUTTER, COFFEE or TEA, DESSERT  
Home Cooking



**3 HEADED Woman**  
SHE WINKS · SHE SMILES · SHE FROWNS  
ALL AT ONCE!

**ILLUSION:**  
Look at this remarkable lady... with three lovely and perfect heads... all attached to a normal body. She appears to sit on the stage, with the lower part of her body concealed by flowers. She can wink, smile, and nod. She can talk, laugh, and sing—all at the same time. Thousands of people have seen this feat of magic and pronounced it a wonderful sight!

**EXPLANATION:**  
Audience used to pay an extra fee to go behind the scenes to see how this trick was worked. They discovered that the three-headed woman was merely a reflection in a mirror. The glass showed the heads of three girls but the body of only one. The other two were cleverly hidden so that only their heads showed in the mirror.

SOURCE: "Magic Stage Illusions and Scientific Explanations" by Albert A. Hopkins... Miami & Co., New York

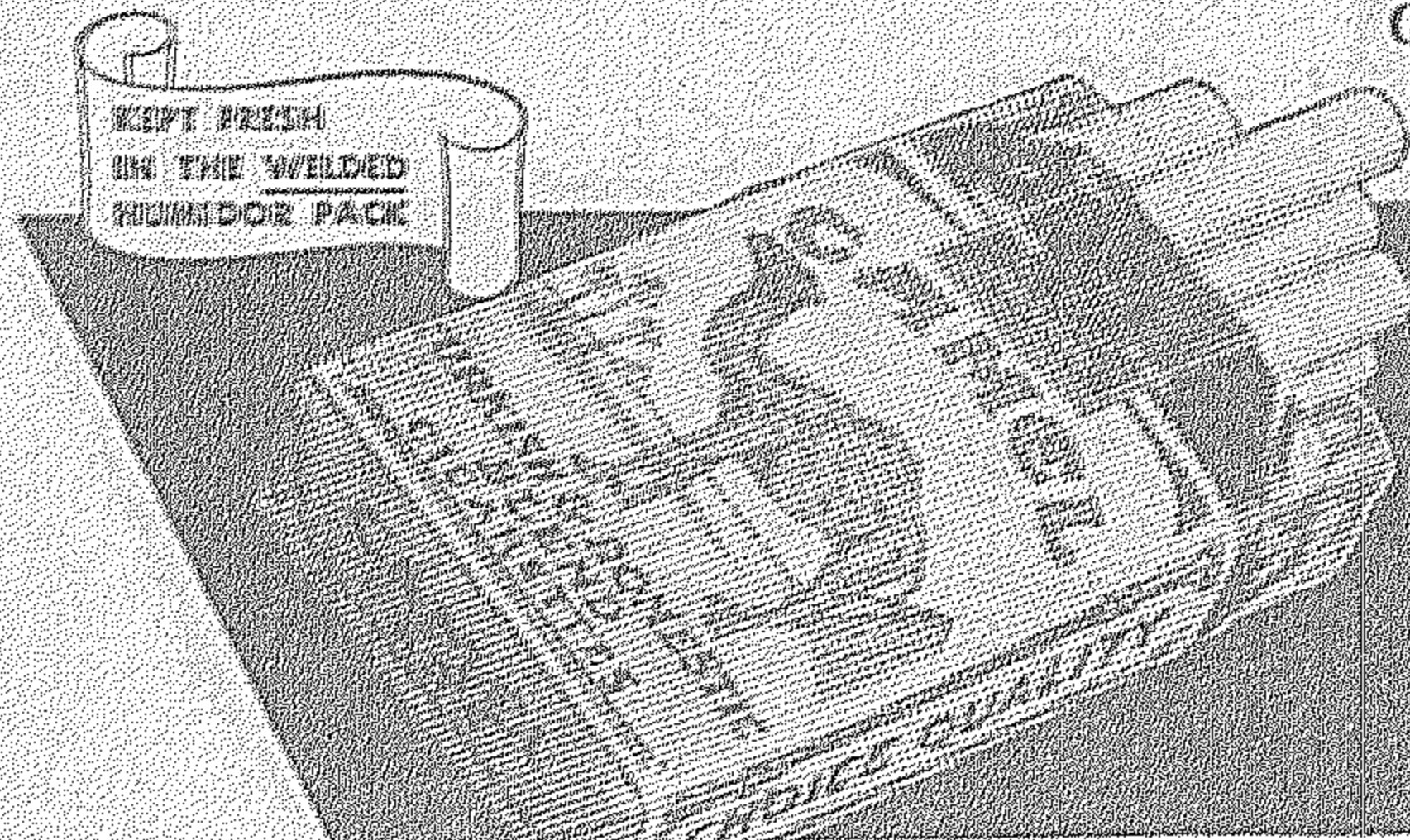
It's fun to be fooled —  
...it's more fun to KNOW

This "three-headed woman" trick goes way back to the early days of magic. Also old is the suggestion that protection for your throat and freedom from coughing can be achieved through some magic trick.

throat. Ripe, costly tobaccos are mild, mellow—gentle. The question is whether a cigarette is made from cheap tobacco or the more expensive grades.

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American men and women have smoked more billions of Camels than any other brand because of the appeal of more expensive tobaccos and matchless blending. Won't you stack up your own experience with a cigarette made from milder, costlier tobaccos... against magic claims about "cigarettes and your throat"? Try fresh Camels—in the air-tight, welded Humidor Pack that seals the freshness and coolness, the mildness and flavor of Camels... inside.



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