



## KREISMAN ELECTED EDITOR IN CHIEF OF ARMOUR ENGINEER

### Barry Kostenko Takes Place of Lomasney as Comptroller

## BRENNER IS ASSOCIATE

At a meeting held Friday, the Board of Publications selected Herbert Kreisman, '34, as the editor of the Armour Engineer for the coming year. He succeeds Carl T. Sorensen, who has served in that capacity for the past year. Barry M. Kostenko, '34, was promoted to comptroller, and John L. Brenner, '34 was chosen associate editor. Kostenko, formerly assistant comptroller, replaces E. P. Lomasney, while Brenner follows H. Kreisman.

Kreisman, a mechanical, has worked for three years on The Armour Engineer. He has been promoted from the position of Associate Editor, in which capacity he aided Sorensen in the publishing of the Engineer under the new format.

Brenner has served two years on the editorial staff of the magazine. During this time he acted as an assistant, helping in the make up and copy reading. Kostenko is also a worker of two years experience.

## Appointments Announced

The new Editor-in-Chief announces the appointment of Donald N. Chadwick as Technical Editor, the third major position on the editorial staff. As Technical Editor, Chadwick is in charge of the Technical Abstracts section and the Engineering Program section. Other members of the editorial staff to serve for the next term are as follows: P. P. Polko, Technical Abstracts; E. W. Goswiler, Reviews Editor and E. O. Meacham, College Editor.

While, in the past, it has been the policy of a new staff to take office before the May issue of The Armour Engineer, under the new system the newly elected executives will take charge with the issuance of the March number of the magazine. These men will hold office until after the January, 1934, issue. The retiring senior executives and departmental editors will act in an advisory capacity for the remaining two issues of this year.

## Engineer Reorganized

The Engineer was completely reorganized by the retiring officers, when it was found that considerable improvements could be made in the magazine by withdrawing from the Engineering College Magazine Association of which it had been a member.

## Radio Programs Heard by Numerous States Throughout the Middle West

Listeners to the Armour Tech radio programs, which are broadcast every Sunday evening from station WJJD, range from Maine to Texas, and from professors in engineering colleges to little girls named Katherine whose fathers are captains of the Fire Department in East Orange, N. J., according to the letters received by the Development Committee. More than four hundred requests for copies of the talks have been received since the programs were started last fall.

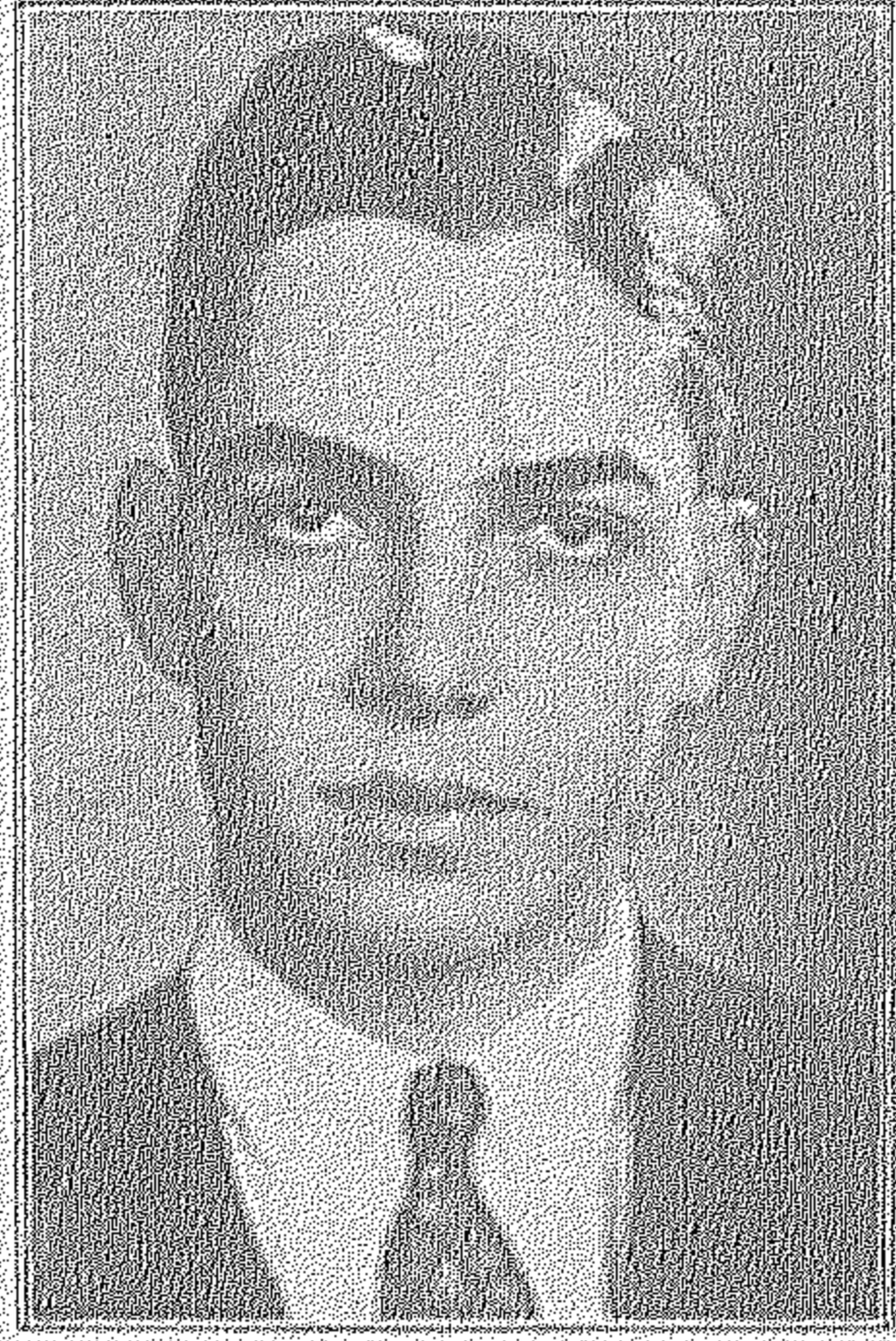
Only about half of these requests are from Chicago, Indiana, Illinois, Pennsylvania, Michigan, and Iowa are the most consistent sources of letters. Toronto, Montreal, and Quebec lend an international flavor to the interest which has been recorded. One listener in Birmingham, Alabama and one in Scarborough, Maine write religiously each week.

It is difficult to calculate the occupations of the listeners from their letters. Careful reading between the lines, however, can sometimes reveal something of the nature of the writer. There is, for example, this request for a copy of Mr. O. B. Carlisle's talk on water supply systems, "Dear Sir: I am sending for the pamphlet that you talked about on

## RETIRING, NEW ENGINEER EDITORS



Carl T. Sorensen



Herbert Kreisman

## A. C. S. Addressed by Dr. Compton

An address on "The Nature of Cosmic Rays" delivered by Dr. Arthur H. Compton, Professor of Physics at the University of Chicago, featured the program of the regular monthly meeting of the Chicago section of the American Chemical Society held last Friday night, January 20, at the Midland Club, 172 W. Adams Street. The meeting was presided over by a dinner, and following the main address group meetings involving the various branches of chemistry were held in adjoining rooms. The program was arranged by the women members of the society.

Dr. Compton's talk was well worth hearing as he has devoted much of his time in recent years to the study of cosmic rays and is one of the outstanding authorities on the subject. The talk proved to be very interesting to all those interested in physics and scientific research as Dr. Compton presented his subject in a clear and simple way. Dr. Compton ranks high among the physicists of the world having won both the Nobel prize for Physics awarded by the Swedish Academy of Sciences and the Rumford Gold Medal of the American Academy of Arts and Sciences. He has been a professor at the University of Chicago since 1923.

Quite a few Armour students, past and present, and professors as well, attended the meeting to hear Dr. Compton. Among some of the Armour professors at the meeting were Professors Carpenter, Bentley, Freud, Gill, and Tibbitts.

## Junior Informal Huge Success

Festivities are over, the Junior Dance is history, and students who for Friday night longed, now remember once more that the final examinations are almost upon us. Beyond a doubt the things of the Informal were of such an order that "ordinary" things such as finals were swept into oblivion—and therein lies the success of the Junior Informal, which everyone knows was held last Friday night in the main ballroom of the Illinois Women's Athletic Club. In every possible standpoint—in gaiety, in spirit, and in general good fellowship—the dance was all that the junior social committee had predicted that it would be. To use a little phrase for want of a better one to sum up the occasion, "a good time was had by all." Stated mathematically, again Friday night—a excellent good time.

Professors Heald, Bang, and Gustafson, and Messrs. Kuhn and Weismann with their wives (of course) were all present and they had even more fun than the students, if that were possible. Doug Peppard and his Northwestern University friends were also present.

(Continued on page 3)

## Mr. Kelly Represents Tech at Lindblom High

Mr. E. Kelly, recorder in the office on January 11 represented the Institute at the Lindblom high school, "College Day."

Representatives of twenty-nine colleges attended the meeting, whose purpose was to familiarize the graduating students of the school, with the various opportunities offered by each college. This was accomplished by having the delegates all assembled in a conference room, and then assigned to a table, to which a student could go to obtain any information he desired.

Before the opening of the conference, the representatives were introduced to the members of the February and June graduating classes at an assembly, and later were the guests of the school at a noon luncheon.

## Roesch Speaks to Members of A.S.M.E.

Members of A. S. M. E. met last Friday, January 20, in the Mission Building to listen to a talk given by Professor Roesch. No meeting of the A. S. M. E. had been held Friday, January 13. Professor Roesch gave an interesting talk to the members present on the subject of "Detonation."

## NEW CYCLE SPONSORS

Professors J. F. Mangold, R. V. Perry, and W. A. Spencer have been appointed faculty sponsors of the Cycle by Dean Penn. They are to succeed Professors C. E. Paul, J. C. Peebles, and J. B. Finnegan who were recently appointed to the Board of Publication.

## STUDENTS URGED TO ENROLL NOW TO AVOID RUSH

In order to avoid the confusion that is usually occasioned by registration day, students may register a week earlier if they so desire. Tuition may be paid on either Wednesday, Thursday, or Friday, January 25, 26, and 27, or on Monday or Tuesday, January 30 and 31, between the hours of 9:30 a. m. and 1:00 p. m. Students are requested to make these payments by personal check, money order, or certified check, in the Cashier's office on the second floor, Main Building. Enrollment in class may also be completed on these days by presenting receipts and tentative programs to instructors. For those who cannot take advantage of this opportunity for registering early, the regular registration day will be held on Monday, February 6, where the same procedure will be followed.

Registration by department can be made by enrolling in the following offices:

**Mechanical Engineers:** Mechanical Laboratory, basement of Main Building.

**Electrical Engineers:** Electrical Department, second floor Main building.

**Civil Engineers and Architects:** Civil Engineering Department, second floor Chapin Hall, 3227 Federal Street.

**Chemical Engineers:** Chemical Engineering Department, fourth floor, Main Building.

**Fire Protection Engineers:** Office of the Deans, Main Building.

**Science:** Professor C. E. Paul's office, second floor Chapin Hall, 3227 Federal Street.

## Individual Bulletins on Courses Out Soon

A new series of bulletins relating to the courses in engineering, architecture, and science offered by Armour Institute of Technology has been prepared by the various departments of the Institute. Each bulletin will describe the field of work covered in a given branch of engineering or architecture, the kind of instruction given to the students in that department, and the opportunities for practice open to its graduates.

Such information should be of value to students in the freshman or sophomore classes who do not have a clear understanding of the kind of work which they are choosing as a profession, and also to those outsiders interested in work here at the Institute.

The bulletins will also be available to prospective students in high schools or preparatory schools who desire similar information.

The first bulletin will relate to the course in mechanical engineering and will be ready for distribution from the Office of the Deans on Thursday, January 26th. One week later, another will be issued by the Department of Electrical Engineering.

## Positions Open on News Business Staff

All men interested in obtaining positions on the business staff of the Armour Tech News are invited to report to the News office at five o'clock Tuesday.

Freshmen and sophomores are urged to grasp this opportunity to acquaint themselves with the management of a newspaper. There is an excellent chance for advancement for those interested.

## Offer New Course in Light Next Semester

A course in Light will be offered next semester by Professor Doubt. All students interested in this course are asked to see Dr. Doubt as soon as possible so that the class can be scheduled and the hours arranged.

The lectures and laboratory studies will include an extensive study of the phenomena of refraction, dispersion, diffraction, interference and polarization of light.

## PRESIDENT HOTCHKISS TO ADDRESS STUDENTS AT ASSEMBLY FRIDAY MORNING

### A. A. Potter, Dean of Engineering at Purdue, Will Speak Thursday on Engineer's Part in Reconstruction Work

## FACULTY TO HAVE RECEPTION FOR HOTCHKISS



Dr. W. E. Hotchkiss

## A. I. E. E. to See Sound Pictures

Plans for a smoker in the near future are being completed by the social committee of the A. I. E. E. It will probably be held between semesters and will thus enable the electricals to partly recuperate from the various tensions caused by final examinations, and properly prepare for the new semester. It is hoped that the affair will disappoint no one. Complete plans will be announced this week.

Negotiations are being carried on for the presentation before the A.I.E.E., sometime in February, of three sound films. Two of them are about sound pictures, and the third concerns trans-oceanic radio communication. The apparatus for the presentation of these sound films will, of course, have to be brought here.

Members of the senior class are preparing speeches on various technical subjects which they will deliver before the organization.

## A. X. S. INSTALLATION

Alpha Chi Sigma, professional chemical society, has installed its new officers. They are as follows: M. A., D. J. Mollane; V. M. A., R. W. Marty; Reporter, R. McFarland; Recorder, R. H. Schorling; Treasurer, A. F. Kapecki; M. C., K. E. Eberly.

## Fire Protect Fails to Distinguish Difference Between Water and Gas

By C. R. Bristol

As the old saying goes,—history often repeats itself. It so happened in organic lab a week ago last Monday, that E. N. Searl had difficulty in telling the difference between the gas tap and the water tap. Whether the water tap was the closer or not is hard to say, but anyway the strangest thing happened. For lo and behold, when Mr. Searl held a match to his bunsen burner, he was greeted by a stream of very wet liquid which ascended to the ceiling with very little hesitation. It so happened that Professor Bentley was standing near by and witnessed the fountain of youth.

In previous attempts Mr. Searl had met with much better success. This being the third time it had happened, he had the situation well in hand before the other fire projects could come to his aid. The first time, he was unable to leave the danger zone before things started to happen, with the consequence that he was unable to keep out of the line

of fire. He managed to become well saturated in the vicinity of the ears before he noticed that his match was out.

Later in the day, after being encouraged by his discoveries of the properties of water gas, he decided to see what further experimentation he could accomplish. Whereupon, he cautiously dropped his flask of sulphonic acid and found that it would not bounce.

Professor Bentley, hearing the small pop, rushed over to investigate. Seeing who it was, he decided the third attempt might be fatal, and excused the student with the understanding that he could get the results some other way.

A few days later, Mr. Searl began to wonder how the moths had liked his pants and how the leather in his new shoes could become worm eaten. He would like to announce that anybody wishing to know the facts about how to make a bunsen fountain, can obtain same from him for a reasonable fee.

There will be an assembly at 10:30 on Thursday, January 26, at which the student body will be addressed by Dean A. A. Potter, Dean of the College of Engineering of Purdue University. He will speak of the "Role of the Engineer in the Reconstruction Program." This assembly is given under the auspices of the American Society of Mechanical Engineers of which Dr. Potter has just been elected president. It is due to the efforts of Professor Peebles, the Honorary Chairman of the society at Armour, that Dean Potter will speak here.

The talk is of interest to all engineers since it will show just what the duties of the engineer are in meeting the problems that confront the world today. The task of the engineer is not an easy one and requires much careful thinking before any important progress can be made.

Dean Potter will present his views upon the subject, and because of his wide activity in the engineering field and in dealing with engineers, there is no doubt that the ideas will be clear and founded upon sound facts and principles.

Armour Tech News

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Our New President

The staff of the Armour Tech News wishes to extend its congratulations to Dr. Hotchkiss on his appointment as president of Armour Institute of Technology.

From the standpoint of its active personnel, the school may be divided into three groups, business, faculty, and administration.

The student newspaper is the logical agency by which the attitude and interests of the student body may be reflected to the administration.

GUEST EDITORIAL

J. C. Penn, Dean of Engineering

The appointment of Doctor Willard E. Hotchkiss to the presidency of Armour Institute of Technology is a source of great satisfaction to all who have the interests of Armour at heart.

Educational institutions have suffered no less than other organizations from the severe press of circumstances, and Armour Institute of Technology is no exception.

We believe that Armour Institute of Technology may point with pride to the useful position it has occupied during the forty years of its existence.

We believe, moreover, that Armour Institute of Technology has laid down a program for the future which under proper leadership cannot fail to make that influence grow broader and deeper.

We believe that Doctor Hotchkiss can provide that leadership as no other man could.

"The Slipstick"

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

Here it is fellows. The column that you have been waiting for. Each and every joke was sent in by one of your fellow students.

And if 'twere not For this here news, There'd be a joke here Ten times over.

And then there was the farmer who asked the county to make his farm into a poor house so that he could keep on living there.

TRY A MERRY-GO-ROUND

Salesman: What kind of a car would you like, madam, four, six or eight cylinders?

Timid Lady: Couldn't I begin with one?

She: What was the matter in the restaurant last night?

He: I asked the waitress if she had frog legs.

She: What did she say to that?

He: She said she got those legs from rheumatism.

What the world needs is more shorten and fewer women.

INVENTION VS. DISCOVERY

"Is there any difference between invention and discovery?"

"Yes, a whole lot. For instance silk stockings were invented in the 17th century—but they weren't discovered until the 20th."

Wife: Herbert, what would you do if I should suddenly die?

Herbert: I should go mad, my dear.

Wife: Would you marry again?

Herbert: Well, I don't think I would go as mad as that.

It may be a coincidence but in Gregg short hand the word success is written "suk."

Nurses: Another patient for you, doctor—a victim of congestion.

Doctor: Congestion of the lungs?

Nurses: No, of traffic.

ADVANCE AGENT

"My daughter's music lessons are a fortune to me."

"How is that?"

"They enabled me to buy the neighbors' houses at half price."

"Mother," said the small boy, "do they have pipe lines in heaven?"

Mother: "No, dear, it requires engineers to build pipe lines."

Then there was the young lady who thought that needle work was a kind of shampoo.

In a Stew About It

Restaurant Patron: Waiter, do you call this an oyster stew? The oyster in this stew isn't big enough to flavor it.

Waiter: Well, sah, dat oystah was not put in to flavor it, sah. He's jeh' supposed to christen it.

THE BASHFUL BEAU

He was shy and after she had thrown her arms around him and kissed him for bringing her a bouquet of flowers he rose and started to leave.

"Sorry I offended you," she said sorrowfully.

"Oh, I'm not offended," he replied. "I'm going for more flowers!"

Dr. Scherger might be called the great revivalist of the age.

At the end of each lecture there is a Great Awakening.

Editor's Note: (Why limit it to Dr. Scherger?)

Thanks fellows for the contribs. It has helped us out a lot and gives us some insight as to what you desire to be printed in the column.

Many of the contributors we haven't as yet had the pleasure of meeting. Why not come around and get acquainted.

THE DEACON.

LETTER BOX

After seven years of activity on the campus, the Armour Tech Rifle Club is now in a position to ask support of the school and of the student body in its campaign for bettering its status.

1. Recognition as a minor sport by the awarding of minor letters instead of gold charms.

2. Recognition as a minor sport by including the organization in the sport section of the "Cycle" without expense to members of the team.

3. Recognition as a minor sport by making the Rifle team a member of the Armour Tech Athletic Association if it be necessary for the accomplishment of the first two articles.

The justification for this movement on the part of the Rifle Club is found in letters received from various schools which have rifle teams that compete with our team.

Target shooting requires skill and application the same as do tennis and golf. At Armour, perhaps more students would be able to participate in it because it does not demand staying after five o'clock for practice.

At the present time, dues are collected each semester. Relieved of this burden, the Rifle Team will be able to function much more efficiently.

Movie Notes

"Maedchen in Uniform" the sensational, imported screen drama opens a return engagement at the Roosevelt Theater soon.

Since "Maedchen in Uniform" was first shown in America, two of its principals have been engaged by American film companies.

"Strange Interlude," coming to the Oriental Theater stars Norma Shearer and Clark Gable.

Miss Shearer and Gable are supported by two of the best known actors on the New York stage, in the persons of Alexander Kirkland and Ralph Morgan.

The amazing incident of a wild and woolly Westerner slapping a dry President on the back and inviting him to "sneak" a drink is revealed in the spectacular picture of the silver strike days of Colorado.

The new Eddie Cantor screen

Final Examination Saturday, January 28th

Table with 3 columns: Time, Instructor, Place. Includes Mechanics of Materials & Graphics, Descriptive Geometry, Steel Construction, Calculus I & II, etc.

Monday, January 30th

Table with 3 columns: Time, Instructor, Place. Includes Physics I & II, High Frequency A. C., College Algebra, etc.

Tuesday, January 31

Table with 3 columns: Time, Instructor, Place. Includes Qualitative Chemistry, Elements of Electrical Engineering, etc.

(PLEASE REPORT ALL CONFLICTS TO THE OFFICE OF THE DEANS IMMEDIATELY)

(\*)(A-G) Refers to members of class whose names begin with these letters.

musical comedy "The Kid from Spain," is now playing at the United Artists Theater.

Franklin got interested in the billboards that advertise bull-fights—tried the sport—liked it—learned a great deal and then went to Spain—the Spaniards liked him and he was a matador.

Frederic March co-stars with Claudette Colbert in "Tonight Is Ours," which came to the Chicago Theater January 20.

"Tonight Is Ours" centers around a girl of position who sets out to have an amusing time in Paris, and a wealthy young Parisian who insists on being the source of amusement.

The new Eddie Cantor screen

Armour Engineer Staff Announced

(Continued from page 1)

member since 1924. Conduetto to a smart appearance, a smaller sized page was introduced, while the enamelled paper stock, which was a standard of the Engineering College Magazine Association, was replaced with that of an antique finish.

Although there have been no radical changes in the feature articles, an improvement was made by presenting articles of interest to all, whether students, alumni, or general readers.

### F. P. E. SOCIETY IS GIVEN EXPLANATION OF A. D. T. SYSTEM

Members of the F.P.E.S. enjoyed a very interesting talk by Mr. Robert McGinnis, protection engineer of the Illinois District Telegraph Company of the A. D. T. system, last Friday morning in the electrical lecture room. He spoke on the "New Developments in the Field of Fire and Burglar Detection and Alarms."

He started his talk by giving a list of the fires that had occurred the week before, and showed that ninety percent were due to carelessness. With a few words of advice on carelessness in the home, he launched into the ways in which the A. D. T. system offered protection.

He first described the supervisory service for sprinkler systems which it offered. He explained the methods in which the sprinkler heads affected a circuit, which in turn sent in an alarm, and how the valves and gravity tanks were checked up on.

He next showed how the "Aero" system worked and illustrated it by means of a model. The system depends upon the change of pressure in a small copper tubing when heated which automatically turns in an alarm and shows the exact location of the fire. He recited an incident to show how this system cut down the cost of water damage.

The explanation of the night watchman system was very interesting. Mr. McGinnis explained how every move a watchman made was kept track of, and how the failure of a watchman to make his rounds was detected.

In concluding his talk, he mentioned some of the burglar alarm systems used in banks; how they could be set off by an employee or the burglar himself without his knowing it. He also told of some experiences he had had, much to the amusement of the students.

### Junior Informal Is Huge Success

(Continued from page 1)

versity Troubadors kept things peppered up with plenty of snappy music. In fact, his repertoire included about every college song known to man.

A novelty was the serving of free punch at a buffet at the side of the ballroom. The punch sure had a punch, but for the assurance of those who weren't there, it must be said that no added illegal and anti-prohibitional punch was present in the punch. (What a pun!) However, if those that weren't there will be easily assured that no laws were broken, the same can't be said for the more skeptical eye witnesses. Unless there was some sort of indulgence indulged in, they say, there is no way of accounting for the flights of Terpsichorean artistry seen on the floor. Under no other circumstances are such heights of art attainable.

The souvenir book markers distributed to the couples were pretty "elegent." The women called them "keens." They were made of white pigskin, with red paper inside, and had the Armour initials embossed on the leather in gold. Pretty nifty we call it.

Well, that's about all that can be said for the dance. It's over and it came at a most opportune time giving the fellows the chance to let off steam just when they most needed it. The junior social committee consisting of Ray Pfum, E. Elroth, G. Reed, S. Lillis, G. Korick, A. LaFlore, and R. Foster are to be congratulated on their very good work.

### Norman Brokenshire Tunes Up Chesterfield Radio Stars for the New Year



Reading from left to right, Tom Howard, George Shelton, Ruth Etting, Bing Crosby, Norman Brokenshire and Lennie Hayton.

A revised and improved broadcast is now being sponsored by the manufacturers of Chesterfield cigarettes, retaining the "music that satisfies" and supplementing it with the comedy team of Howard and Shelton and the novelty singing of Elizabeth Barthell.

The team of Tom Howard and George Shelton is now on the air but have had a brilliant reputation on the stage. Elizabeth Barthell will

be featured with Howard and Shelton on the CBS chain on Tuesday and Friday nights at eight o'clock.

Bing Crosby will take over the Chesterfield quarter hour on Wednesday and Saturday evenings with his romantic baritone voice which caused a boom in the phonograph recording industry.

Lennie Hayton's orchestra and Norman Brokenshire as master of ceremonies will continue as nightly features.

The new program will be heard over the nation-wide hook-up of the Columbia Broadcasting System six nights a week—every night except Sunday—at 9:00 P. M. Eastern Standard time. The new broadcast promises to be one of the year's outstanding "fifteen minute shows." Chesterfield fans will be interested in knowing that the heart throbs ballads of Ruth Etting will continue on Mondays and Thursdays.

### STATISTICS SHOW LEANING TOWARD HIGHER EDUCATION

Statistics, as compiled by the Federal Office of Education in Washington, show that twenty-three of every one-thousand adult Americans are college graduates, and one hundred and twenty-five of every one-thousand are high school graduates.

These statistics are based on a nation-wide scale and appear in full in the December issue of The High School Journal, monthly publication of the school of education. Additional facts on education in the United States are as follows:

The chances of a boy or girl going to high school, which were only one in twenty-five in 1890, are now one in two.

The chances of a boy or girl going to college, which were only one in thirty-three in 1900, are now one in six.

One of every four Americans attended some kind of school during the past year.

Of every one-thousand pupils in the fifth grade, six-hundred and ten enter high school, two-hundred and sixty graduate from high school, one-hundred and sixty enter college, and fifty graduate from college.

Ten cents per day paid by every person of voting age in the United States would pay the entire bill for education. Cost per year for each child is: elementary, current expense, \$67.82; high school, \$144.09; college and university, \$500.

An original manuscript of Walter Scott's was stolen recently from the library at Columbia University.

### Fraternity Notes

#### BETA PSI

A pledge meeting was held at the fraternity house last Thursday evening, which was attended by Brother Evans, '28, much to the sorrow of the pledges.

A ping-pong tournament is now in progress at the house and considerable interest has been aroused, since everybody has entered in it. Brother Bristol predicted an easy victory for himself, but the fraternity as a body will endeavor to prove Brother Bristol's predictions as being false.

Pledge Bureau was seen with a new pledge pin and Brother Wittekindt was seen with a new pair of gloves lately. It may or may not be a coincidence, but prior to this Pledge Kuh reported that his pledge pin and pair of gloves have mysteriously disappeared.

#### SIGMA KAPPA DELTA

Plans are being made to hold the annual pledge dance on Saturday, February 4.

Frank F. Strassenberg, '30, visited the house last Tuesday. Daniel Iverson, '31 was visiting about the Art Institute during the last week.

#### PHI PI PHI

The Tri-Chapter Formal, held last Saturday, was well attended by all three chapters. Clarke Benson's Orchestra furnished the dance music.

Brother Robin was at the house last week. He is working for an engineering concern in Joliet.

#### DELTA TAU DELTA

Brother Ted Bergman stepped in for several days last week.

All social activities have been suspended until after final examinations.

#### RHO DELTA RHO

Diversified entertainment in the form of motion pictures will be presented by Brother Herman Meyer during our next "radio dance" which will be held Saturday evening, February 4. The picture will be shown during an hour's course.

A monthly meeting of the Alumni chapter will be held at the House on Thursday, January 26th.

# People know it..



## Chesterfields are Milder

WHEN you ask a Chesterfield smoker why that's his brand — he generally comes right out flat-footed and says . . . "It's because *They're Milder!*"

So we're going to keep on doing everything we know how to keep them that way.

That's why we look for and buy the mildest and ripest tobaccos we can get. That's why we age them in our warehouses till they're mellow and sweet.

We believe that even the shredding of the tobacco . . . and the quality of the paper it's rolled in, have a lot to do with the even-drawing, mild smoke that people enjoy in Chesterfields.

You can bank on this . . . every method known to science is used to make Chesterfield a milder, better-tasting cigarette that satisfies.

*Chesterfield Radio Program—Every night except Sunday, Columbia coast-to-coast Network.*

THEY'RE Milder —  
THEY TASTE BETTER

# Chesterfield

## EINSTEIN, MUNRO, ROBINSON SPEAK ON NBC PROGRAM

Last Monday evening, a nationwide broadcast over the National Broadcasting Company, carried the speeches of Dr. Albert Einstein, Dr. Wm. B. Munro, and Mr. Henry M. Robinson, into the homes of millions of people throughout the United States. The speeches, delivered in the Civic Auditorium in Pasadena, California, gave the view point of these men on "America and the World Situation."

The program was sponsored by the Student Body Presidents Association composed of eleven colleges and universities in Southern California. The main object of the program, was to stimulate an objective interest in the big issues of current events and world interests. The student body leaders motive has been to arouse an interest in world affairs, with the hope that interest will crystallize into national public opinion.

Dr. Einstein arrived in this country, January 9, and has been visiting the different educational institutions of Southern California, through the generosity of the Oberlander Trust of the Carl Schurz Memorial Foundation.

The program started at 7:45 o'clock with Rice Ober of Occidental College, president of the Student Body Presidents Association, presiding. He introduced Mr. Overton, who spoke on "The American Student and His Relation to World Problems." Dr. Einstein was introduced by the well known scientist, Dr. Robert A. Millikan. Following Dr. Einstein, Henry M. Robinson, well known banker, spoke.

The broadcast was concluded by Dr. Wm. B. Munro, a noted authority on history and government.

## Prominent Men Talk At W. S. E. Meetings

Mr. Beard, the president of the Western Society of Engineers, anticipates a talk by J. L. Simons of the Chicago, Rock Island, Pacific Railroad Company in the near future. Since Mr. Simons is the chief bridge engineer of this company, he undoubtedly will talk on bridge construction, which is an important part of civil engineering. Another talk that is expected to be given soon, is one by Mr. Barber of the Portland Cement Association, on a new type of concrete. The importance of this new concrete, which is the latest thing in concrete construction is its ability to satisfactorily resurface old and new surfaces.

Last Friday the society enjoyed an interesting illustrated talk by Mr. H. L. Flodin, of the Portland Cement Association. The talk was on the production and uses of durable concrete. Mr. Flodin explained the basic principles of concrete making, and the requirements for durability. With the help of slides, he also showed the members the types of faulty concrete that result from poor construction, and the method of construction required to prevent defective structure.

## Armour to be Host to S. P. E. E. During Engineering Week at World's Fair

During the week of June 25th, which has been designated as "Engineering Week" at the Century of Progress Exposition, Chicago will be the engineering center of America. Nineteen national engineering societies, with a total membership of approximately 100,000, will hold their annual conventions here at that time. The Midwest Engineering and Power Exposition is to be held at the Coliseum during that week, and the Century of Progress will have a number of features of particular interest to engineers.

At that time, Armour Institute of Technology will be host to the convention of the Society for the Promotion of Engineering Education, one of the largest of the national organizations which will be in the city during engineering week. This society draws most of its members from the faculties and administrative boards of engineering and technical schools throughout the country. The convention is held at one of these schools each year, and this summer Armour Institute will cooperate with the Century of Progress in working out the program.

### TECHNOCRACY

A review of the literature of Technocracy as published in *Harpers*, *Jan.*; *New Outlook*, *Nov.* and *Dec.*; and *the Living Age*, *Dec.*

We were comfortably settled down to enjoy our depression when suddenly, with a jolt, came "Technocracy". America was reconciled to the theory that prosperity is "just around the corner." When the Technocrats announced that the harshness of our economic storm would not let up—that it would increase, instead—they brought down upon their heads a fury of newspaper unequalled since the Lindbergh kidnaping.

The word Technocracy means the rule of the technicians. What the Technocrats mean is yet to be determined.

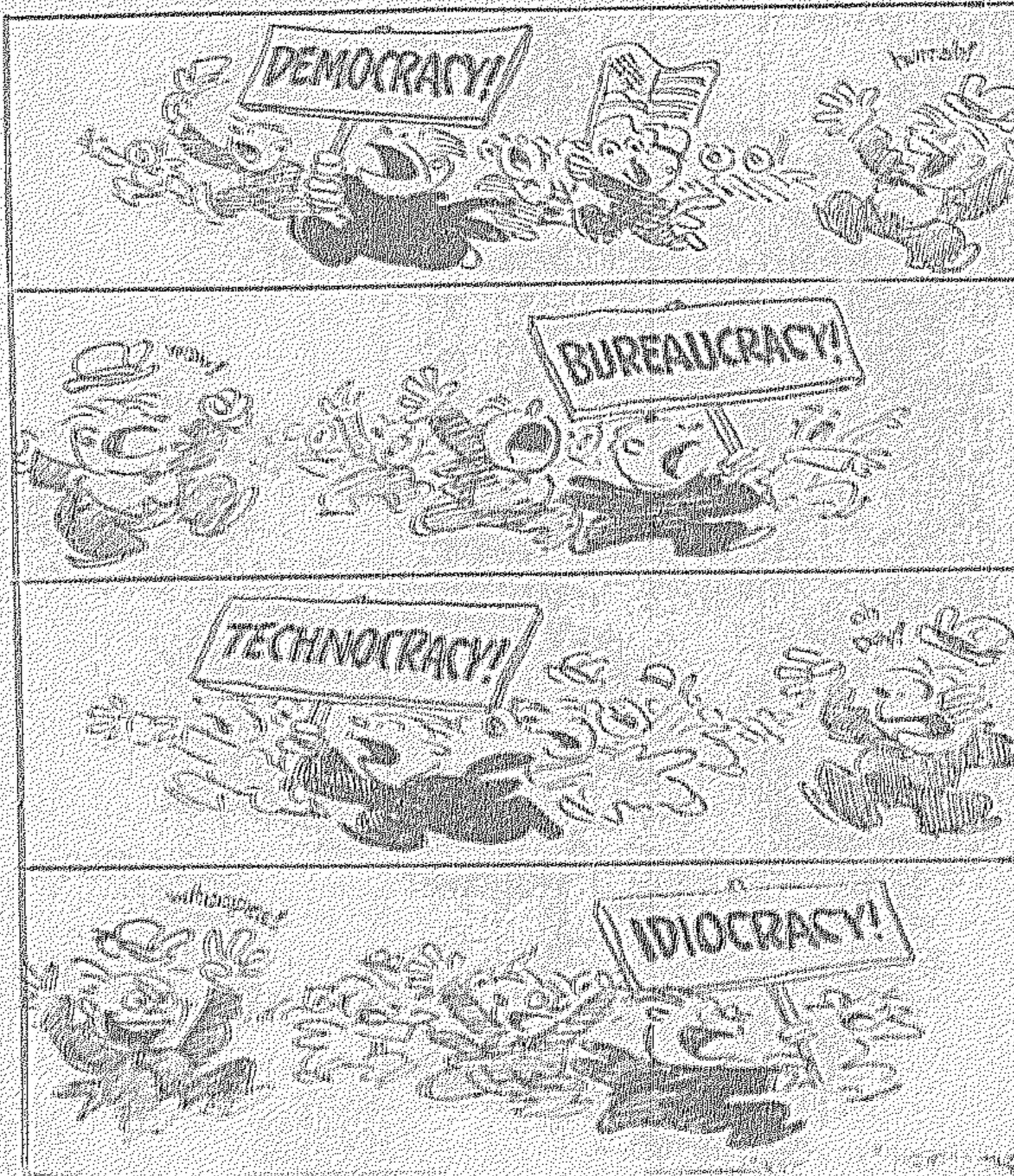
Howard Scott is the spirit behind it all, at least, his is the name signed to the three or four magazine articles which have caused the heat. So many versions of this man's life exist that nothing will be said about it here, except that they either praise his past or down it to mediocrity. But no one has dared to criticize his ability to write forcefully. He is a master propagandist.

Scott leads a group of other-wise unemployed craftsmen and engineers whose work is financed by a New York banker. They occupy offices in Columbia University due to the interest of a Prof. Rautenbach in the movement.

They function as statisticians on The Energy Survey of North America. "... to reveal the ever closer relation between social development and the energy factors."

Technocracy is an economic order like Capitalism, Socialism, and Feudalism. It criticizes the present "price system" based on the fluctuat-

### ANYHOW, IT'S EXCITING



ing purchasing power of gold. They state, and it is indisputable that the words by which energy is measured, B.T.U's, ft. lbs., calories, etc., are invariable quantities. They claim, and it is disputable, that a monetary system based on the total amount of energy available would be our solution. Energy is, finally, what produces our wealth. (Not money, but autos, radios, clothes, food, etc. make up the nation's wealth.)

Reprinted from The Chicago Daily News.

What Technocracy does not do, or has not yet done, is to give us the exact mechanics of their system. Scott claims that his followers offer no plan. They only hint at the underlying principles which, to their thinking, must be followed if our future is to be like our pre-1929 era. They make startling statements: 55 hours per month per man could conceivably give us a standard of living higher than any we have

States are located at the Rockefeller church in New York, the University of Chicago, and at Iowa State College.

### Other Campuses

This is tough on co-education! The University of Missouri and two girls' schools in Colorado have established rigid regulations governing conduct of women students attending there.

Every second of the day's program is virtually covered by the regulations, which were enacted for the purpose of stopping rumors regarding "wild parties" in women's life. A sample of these laws are here-with presented.

"Girls are not permitted to talk more than three minutes to young men on the street, in stores or eating places."

"No girl is allowed to go to the telephone office, to any doctor's or dentist's office, or upstairs in any office building without a college chaplain."

"If a girl wishes to take a taxi she must have the permission of the dean of women."

"No girl is allowed to take a bath before six o'clock in the morning."

Plans are being made for the erection of a campaign on the University of Wisconsin campus through funds supplied by graduating classes from 1917 to 1926. Constructed of sandstone, the structure will contain between twenty-six and thirty-five English bells.

Other cautionary letters in the United States are located at the Rockefeller church in New York, the University of Chicago, and at Iowa State College.

After many complaints that college students were deficient in the knowledge of a furnace's anatomy, the University of Iowa recently introduced a course in furnace tending.

Standard University students who are unable to pay their speed fines are required to wash windows and generally clean up the Palis Alle fall in lieu of fines.

According to the *Uganda Gazette*, students of the University of Berlin are permitted a period of six weeks in which to analyze and select their professors.

Marguerite University students living in fraternity houses have their names, characteristics, and peculiarities listed with the police.

When 10 students answer in unison for one man during Wallace Bruce Amthor's call, there is no doubt about his presence.

And there's some consolation for future haunts — *Chari Justice Charles Evans Hughes*, an illustrious graduate of Columbia University, failed the New York Bar examination three times.

Elmer Lundin learned the lesson of obedience. When he disobeyed the News staff, he received the most dishonorable punishment—department.

Orville Guy Linnell can't take it. Last Wednesday before going home he found that the sleeves, button holes, and pockets of his coat daintily hemstitched with twenty pound thread, ten stitches to the inch. He hasn't mentioned it to anyone yet, so please keep it secret.

## Kelly and Tibbals Lead in Billiards

The Faculty Billiard tournament has been progressing quite well in the past two weeks and without any other handicaps experienced, the winner should be announced in the near future.

After considerable persuasion by all members of the faculty and other individuals not mentioned here the meeting of Professor Schommer and Professor Roesch was attained for the playing off of their first frame.

The playing off of this frame has been holding the tournament up considerably, however, this was due to Professor Schommer's absence around the campus which was in no part his fault and also to his numerous obligations. However, Professor Schommer showed that he was not trying to evade the play off because of the fact that he beat Professor Roesch by scores of 49-22 and 49-17 in the first frame. The second frame has not at present been played, but it is hoped that Professor Schommer will find time to show the other professors a few things about billiards as well as he can show them many points in football.

The results of the entire first frame with the names of the players and his score respectively are as follows: Bibb-Allison 24-17, 25-24, Colvert-Enns 21-2, 21-11, Foster-Freud 29-27, 29-22, Grafton-Haggard 21-6, 21-17, Heald-Hendricks 26-14, 17-21, 11-21, Kelly-Larsen 49-28, 49-20, Leigh-Libby 18-38, 17-38, McCormack-Nachman 37-29, 25-29, 37-16, Nash-Pechles 39-20, 39-18, Perry-Peterson 39-26, 38-38, 36-38, Roesch-Schommer 32-49, 17-40.

Sear-Segrist 24-25, 37-17, 25-25, Snow-Spencer 29-12, 12-18, Swineford-Teach 40-6, 25-21, 25-21, Thompson-Tibbals 30-30, 31-24, 25-30, Wilcox-Winston 36-23, 28-35, 36-33.

The results as far in the second frame with the names of the players and his score respectively are as follows: Bibb-Colvert 24-17, 24-11, Grafton-Freud 23-21, Kelly-Hendricks 40-14, 40-13, Libby-McCormack 38-24, 26-37, 38-30, Nash-Peterson 39-13, Teach-Spencer 27-17, 21-14, Tibbals-Wilcox 30-30, 30-30.

The results so far in the third frame with the names of the players and his score respectively are as follows: Kelly-Libby 40-31, 40-28, Tibbals-Teach 30-17.

The second and third frame results are quite incomplete at present, however, Professor Tibbals and Mr. Kelly show intentions to be present for the finals.

Professor Tibbals has shown that he has a lucky hand over him by

ever known; a rayon factory can be operated to produce enormous quantities of this material with only a single official 200 miles away in New York City, to pull switches; a huge percentage of our yearly work goes to pay off interest only on our debts.

There are more and more and more statistics besides these all which tend to emphasize the displacement of men by machines and the problems which occur thereby. All these figures are under fire, some have been supplanted by new ones that demonstrate a more favorable aspect. There are none, friendly or not to the Technocrats, which show in any specific line the use of machines creating jobs for men.

What about the engineer in Technocracy's picture? With understanding of the topic in its present stage it is absurd to discuss the question. Common sense ought to tell us that with all the potential wealth that engineering can create and the benefits which our race will derive from it, there will always be a demand for new technology under any system. Only a conspiracy of all the blockheads, fearful ones, fools, cheats, and grafters in this world could stop the increasing use of machinery and the eventual rise in material wealth which will accompany it.

The writer does not presume to give all the pros and cons of Technocracy. It is economics, therefore it is involved. What we should do is to keep an open mind and neither be rushed off our feet with enthusiasm nor be too quick to swallow the shoutings of many of its critics. Often these are like the scholars of Medieval times who would be called in to refute any obnoxious principle—for money.

They had their difficulties when they tried it on Galileo, for he had facts. Let's get at the facts!

## ARX NEWS

Hello Everybody!! It's Au Revoir, Auf Wiedersehen, Buenos Noches or what have you for ye Arx Newswed. Yesir, 'tis our last line for Tech and our pleasure to introduce you to your new columnist. Here he is men. Mr. Reader meet Mr. Alfred Rosen. And now I leave you in Al Rosen's pencil range.

This is S. H. M. signing off...

The third lecture by outside specialists was given last Thursday in the Art Institute Club Room. Mr. B. M. Pettit of the Indiana Limestone Company, spoke on "Limestone in Building Construction."

The lectures given earlier in the semester were on common brick and on concrete.

Cordes, Cancalino, and Hirsch of the Fresh received the highest awards in the "Recreation Lodge" sketch problem.

Speaking of headaches, the sophomores' immune ether. They have their heads full with "Winter Colicages." What with the renditions Thursday and the finals—oh me!

**ARCHITECTS ATTENTION!**  
Architectural smoker soon after new semester. Date to be announced shortly. Ted Irion is in charge.

You just can't keep the good archs down. This means Shapiro & Feinberg who are still battling 100 in charcoal and "aqua" tints.

As you read these lines some of the juniors are anxiously awaiting the judgment of their "Persian Moques." Good luck Junyas!

The semester finale also finds the remaining juniors designing ferry wharfs and the seniors thinking big over their railroad stations.

Who said Architects don't work.

winning the second frame on two tie scores. All contestants should nevertheless watch Professor Tibbals and get that extra point on him. For further results of the tournament all the next issues of the News and may the best man win.

## TECH BASKETBALL TEAM WINS FROM "Y" COLLEGE 38-35

### Y. M. C. A. Five Gives More Opposition in Return Encounter

### LAUCHISKIS HIGH SCORER

In a close and interesting game the Armour Tech basketball team again defeated Y. M. C. A. college. This time the score was 38 to 35. The game was played in the "Y" college gymnasium last Saturday evening, and was the second meeting of the two teams this season. In the first game at the Armory, the Tech five romped over the Y. M. C. A. team rather effortlessly to the tune of 55 to 32.

### "Y" College Gives Good Fight

This game did not turn out to be such a game as the first one since the Y. M. C. A. team was on its home floor and put up a great fight all the way. Coach Kuehn used as his starting lineup the same one which started the Whonton game. It was made up of Lauchiskis and Dollenmaier, forwards; Beemsterboer, center; and Plum and Warner, guards. The most pleasing part of the game was the way in which the yearlings on the squad, Lauchiskis, Dollenmaier, and Warner, played. Along with "Beem" and Ray they make an aggregation that any college five might fear. As a matter of fact Lauchiskis and Dollenmaier accounted for twenty-five of Armour's thirty-eight points.

Score Tied At Half

"Y" college scored first on two long shots noon after the game started. This was the only time that the Y. M. C. A. team lead Armour, though, and shortly afterward Beemsterboer and Lauchiskis put Armour ahead with some tip-in baskets. Just before the first half ended the "Y" team brought the score to a tie at 22 to 22.

Tech Leads Throughout Last Half

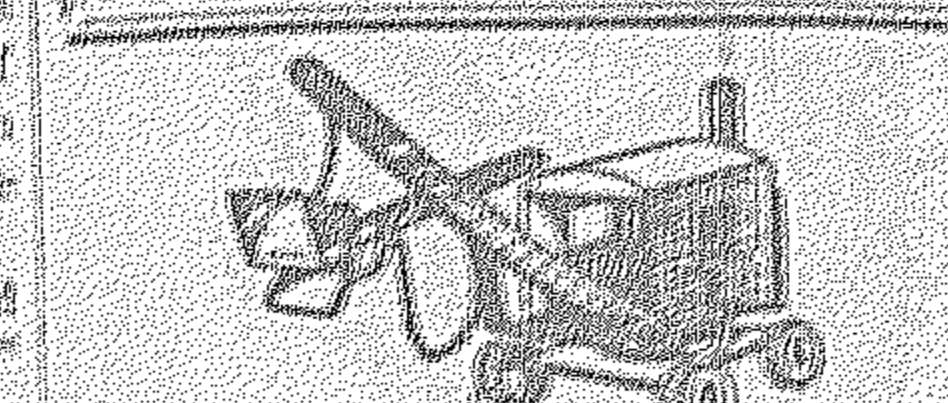
The second half of the game saw Armour regain their lead and hold it to the end of the game. The Tech basketball team played a well planned game, repeatedly getting the tip-off at center and then deliberately driving through the "Y" college zone defense to "Beem", Lauchiskis or Dollenmaier for tip-in shots.

A cursory look at the box score shows that Lauchiskis of Armour was high point man of the game with 17 points while the next high man was McBride of "Y" with 13 points.

Armour	B	FT	P
Lauchiskis, f	7	3	0
Dollenmaier, f	3	2	1
Beemsterboer, c	3	2	3
Plum, g	2	0	1
Warner, g	0	1	3
Rummel, g	0	0	1
Lukas, g	0	0	0
Totals	15	8	9

Y. M. C. A. College	B	FT	P
McBride, f	6	1	1
Sandvig, f	3	1	3
Wojcik, f	2	1	2
Jaobsen, c	0	1	1
Lamb, c	1	0	2
Beck, g	2	0	2
McFarland, g	0	3	3
Totals	14	7	14

## THE STEAM SHOVEL



Some professors have decided not to give a final this semester—only daily quizzes all this week.

ROY WITTEKINDT, who is always alert to discover possibilities, wants to know if jammalochyphs will make a good cookchammy shield.

When 10 students answer in unison for one man during Wallace Bruce Amthor's call, there is no doubt about his presence.

And there's some consolation for future haunts — *Chari Justice Charles Evans Hughes*, an illustrious graduate of Columbia University, failed the New York Bar examination three times.

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## ALICE RESTAURANT

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BREAD, BUTTER, COFFEE or TEA, DESSERT  
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# ARMOUR LOSES TO WHEATON IN A HARD FOUGHT CONTEST BY THE SCORE OF 46 TO 36

## Small Basketball Court Hampers Armour; Score Tied Repeatedly During First Half of Game

### WHEATON WINS ON LAST HALF SPURT

After fighting on even terms for the first half of the game with Wheaton College, which was played last Thursday evening at Wheaton, the Armour basketball team finally succumbed to a last half spurt on the part of the Wheaton five and was defeated by a score of 46 to 36. The Tech variety was hampered throughout the game by the smallness of the basketball court at Wheaton, and the fact that the Wheaton team also used a style of play which was particularly adapted to the size of the court. We wonder how the Wheaton basketball team will go on the Tech team's home floor at the armory.

#### Wheaton Court Small

However, the size of the court was not the only factor in the defeat of Coach Kuehn's men. Another factor in Armour's defeat was a young man by the name of Lawrence (affectionately called "Moose" by his classmates) who happened to be very lucky this particular evening at putting the basketball through the inside of the hoop, and who also displayed a brand of general-all-around basketball playing as to compare favorably with Ray Pflum, Tech guard.

The game during the first half was exceedingly close, with the lead changing from first one team to the other five or six times. With the score at 18 to 18 and two minutes of the first half remaining, the Wheaton team realized that that was the psychological moment to go into the lead and did so, pushing through three baskets to bring the score to 24-18 in their favor.

#### Opponents Take Decisive Lead

Trailing by six points, the Tech five went into the last half determined to whittle that lead down if possible. They did get it shaved down to 28 to 24 but—then the fireworks broke loose. Accompanied by the howling and hysterical outbursts of the two or three hundred student spectators from Wheaton College, who were jammed (or rather packed) into the Wheaton gymnasium, the Wheaton basketball team proceeded to give a definition to the word "hot" as applied to a basketball team. In the space of four minutes they scored eighteen points and although Armour started creeping up at the last of the game, the lead that Wheaton had accumulated was too great to be overcome.

Although the size of the score might lead one to believe that the Armour variety was outplayed quite considerably, such was not the case. As a matter of fact Coach Kuehn's team played a good game of basketball.

Armour's starting lineup, composed of Captain Beemsterboer at center, Lauchiskis and Dollenmaier at the forward positions, and Pflum and Warner at guards, played one of their best games so far this season. The floor work and team work of the team were much improved, which means that more points will be forthcoming in future games. The box score follows.

BOX SCORE			
Armour—36	B	FT	P
Dollenmaier, f.....	5	6	6
Hagenauer, f.....	0	0	0
Lauchiskis, f.....	4	3	0
Beemsterboer, c.....	3	0	3
Warner, g.....	0	0	3
Lukas, g.....	0	3	1
Pflum, g.....	1	2	3
Totals.....	14	8	10
Wheaton—46	B	FT	P
Lawrence, f.....	7	5	1
Rhoades, f.....	0	0	1
Bass, f.....	5	0	1
Page, f.....	0	0	1
Glover, c.....	6	1	3
Peterson, c.....	0	0	0
Gray, g.....	0	0	0
Nelson, g.....	0	0	0
Newsome, g.....	2	0	3
J. Gray, g.....	0	0	0
Totals.....	20	6	10

### ON THE ROAD TO WHEATON

By Ray Fleissner

At 4:21 p. m. last Thursday, a fully loaded bus left the Armour station at 33rd and Federal (in front of the main building) headed for Wheaton College, Wheaton, Illinois. The passenger list was comprised of Coach Otto Kuehn and his A. I. T. basketball proteges, who were on their way to engage in a midwestern tilt with the Wheaton aggregation, and a number of important Tech men as a cheering section. The *Paul News* was also in evidence being represented by several reporters distinguished as editors of some sort.

Everyone thought that the bus made sensational time in reaching the plains of the wild and woolly west when a galloping calf was sighted and did so, pushing through three baskets to bring the score to 24-18 in their favor.

ing the fact that no cowboy was chasing the distressed animal and also that numerous buildings and lawns adorned the landscape, the engineers began advancing theories as to the presence of baby beavers. Finally, it was decided that the Chicago Stock Yards was the long lost home of the runaway.

After several of the boys followed Jerry Sullivan's example and set their weary heads to sleep, a game of hearts was started in the rear of the bus. With each of the players keeping his own score. To the surprise of all, when the game was over, no one had any points, so that we were all square. The engineers also showed considerable adroitness at bridge. Of course it was pretty hard to keep your face out of the opponents' hands and to refrain from conversing with your partner to encourage his bidding. LaGrange was reached before any damage was begun and here the bus was stopped to put on the feed bag—not on the bus but on the occupants.

#### Basketball Men Eat

Under the watchful eye of "der coach," the basketball squad partook of a sumptuous repast of poached eggs and toast, etc. (no milk for Sullivan and I didn't see what Kuehn and Johnson, Inc. had to eat, but rumor has it that chicken substituted the main bill of fare.)

The remaining passengers formed a squad and snorped the town and its populace, finally ending up in a Walgreen drug store (no change for

advertising) where an appetite was built up for all involved.

#### Arrive at Wheaton

The distance to Wheaton was covered in a short time with no additional excitement enroute. Upon arrival it was learned that the Tech squad was to use the women's locker room and, being gentlemen, the boys rather hesitated. That is, until someone found a notebook belonging to a Miss Adelaide M. of \_\_\_\_\_, (last name and address furnished upon request plus \$\$\$). After her letters were read, a note of appreciation and deep sympathy was inserted in the notebook, signed by the aforesaid gentlemen of Armour, and was duly presented to her after a little reconnaissance. She blushed so prettily that Ray Nelson felt slightly guilty for the rest of the evening. But Ray refused to step here, a few minutes later he was engaged in deep conversation with a young lady sitting next to him. See I. C. Johnson for information as to her beauty. His description of her nose is simply astounding. But, of course, Ray still insists that she started the conversation.

#### Loose Tough Game

To get down to the details of the basketball game, it was one of the hardest games to lose that the team has played all season. The teams ran neck and neck for the major part of the first half, the score being tied about five times. The crowd made plenty of noise and responded volumingly to the cheer leading of

a young lady whose perfect form indicated a great deal of experience. The Wheaton band, composed of male and female instrumentalists, played before the game and between the half periods. After the game was over, the boys went down to the locker room, vowed vengeance on the Wheatonites, and boarded the bus for home, sweet home. Regardless of the loss of the game, a good time was had by all. If you don't believe it,—"was you there, Mr. Zilch" (apologies to the Baron) — and so we slayed the ladies and had a good time.

### Organized Athletes Make Higher Grades

That organized men taking part in athletics at the University made 133 more hours of A during the last two years than did unorganized athletes is shown by the results of a special study made by William Baise, '36, a member of Merrill T. Eaton's "Methods of Study and Work" class.

Using as a representative group the scholastic records of the first 40 students, organized and unorganized, who have taken an active part in athletics, Baise arrived at the following conclusions: Organized men made 208 more credit points than the unorganized men, recording 2,237 points in comparison with the latter's 2,034. The fraternity men, however, recorded 85 hours of failure while the unorganized men failed in only 86 hours.—Indiana Daily Student.

### Tech Swimmers to Meet Crane

The Armour Tech swimming team was deprived of a possible victory last week when the scheduled Chicago Normal swim duel was called off. It has been an old Armour custom to defeat the Chicago Normal matadors by large scores.

Last year the Tech swimmers won their second victory of the season by overwhelming Chicago Normal by the score of 54 to 12. The Armour men, almost the same men that are regulars now, took every first and second place in the meet.

#### Veterans Form Team Nucleus

There is reason to believe that with the return of Captain Carlstrom, Kolve, Ahern, and Bernstein, all point winners in their respective events, to form a nucleus for this year's squad, plus some bright prospects should give Tech a strong, well balanced team. Captain Carlstrom reports that the team is in much better shape since the Crane game. The team is practicing hard and are shaping out into a formidable unit. Better form and time has also been turned in lately.

Armour will try to revenge the defeat administered by Crane two weeks ago when they meet Crane at the University of Chicago pool next Friday, January 27. The annual contests between Crane and Armour have always been close and another thrilling swim duel is anticipated.

# You smoke a Pipe

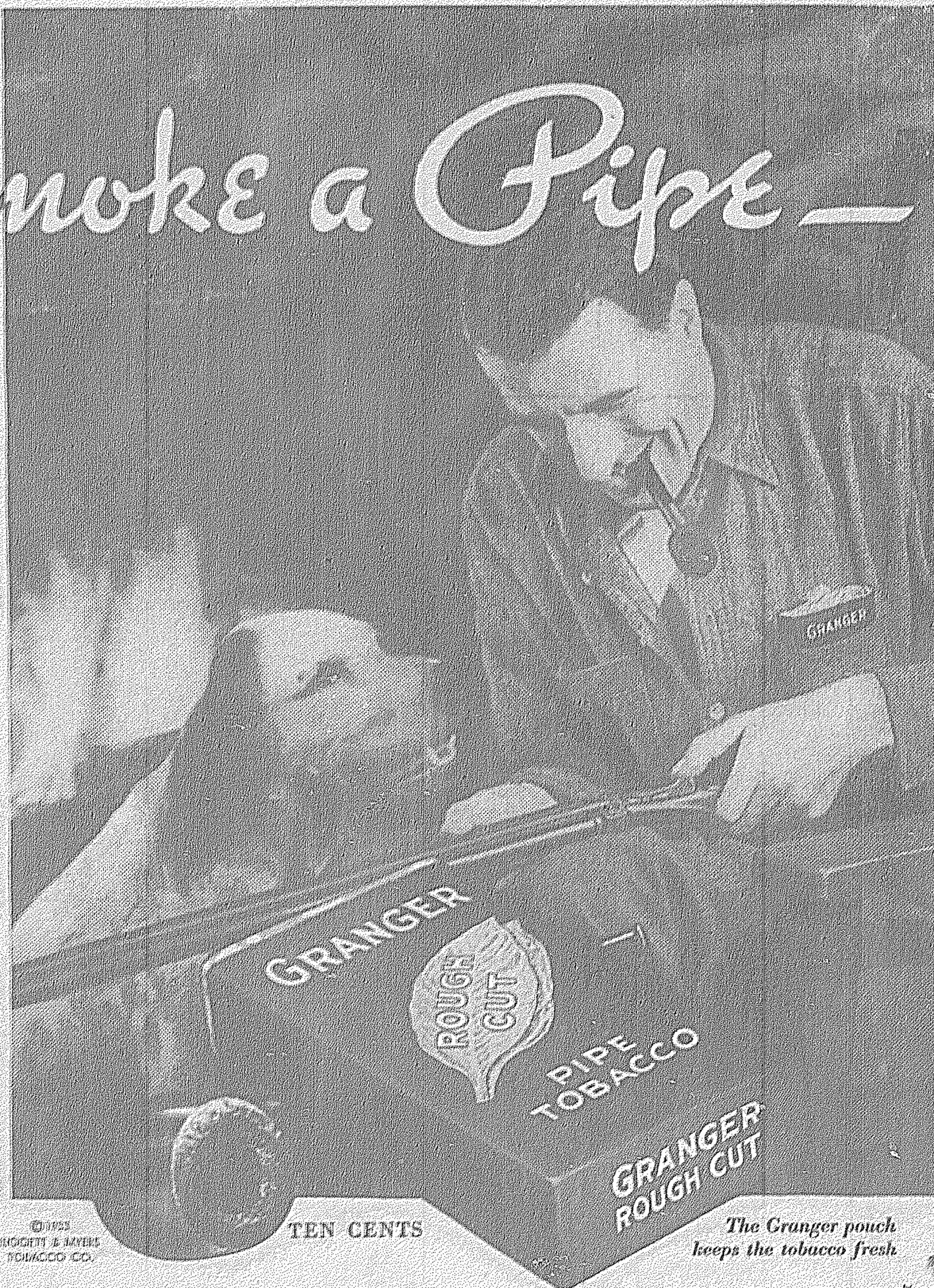
## and we'd like to talk with you about it

All races of people since the beginning of time, so far as we have been able to read, have had some kind of a pipe and have smoked something—whether they called it tobacco or what not.

AND since smoking a pipe is so different from smoking a cigar or cigarette, we made a most painstaking, scientific study in an effort to make, if we could, a tobacco which was suited to pipes.

We found out, first, that there was a kind of tobacco that grew in the Blue Grass section of Kentucky called White Burley, and that there was a certain kind of this tobacco which was between the tobacco used for cigarettes and the tobacco used for chewing tobacco. It is this tobacco which is best for pipes.

We found out that Mr. J. N. Wellman, many years ago, made a pipe tobacco which was very popular. But it was never advertised and after he passed away nothing more was heard about it. We acquired this Wellman Method and that is what we use in making Granger.



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TEN CENTS

The Granger pouch keeps the tobacco fresh

Next was the cut. We knew that fine tobacco burnt hot because it burnt so fast. You could hardly hold your pipe in your hand, it got so hot at times. So remembering how folks used to "whittle" their tobacco we cut GRANGER just like "whittle" tobacco—"Rough Cut." It smokes cooler, lasts longer and never gums the pipe.

So far, so good. Now we wanted to sell this tobacco for 10c. Good tobacco

—right process—cut right. So we put Granger in a sensible soft foil pouch instead of an expensive package, knowing that a man can't smoke the package.

GRANGER has not been on sale very long, but it has become a popular smoke. And we have yet to know of a man who started to smoke it, who didn't keep on. Folks seem to like it.

Liggett & Myers Tobacco Co.

# ARMOUR TECH TRACK TEAM IS CONQUERED BY UNIVERSITY OF CHICAGO MEN 67 TO 37

## Chicago Trackmen Capture Running Events; Armour Compiles Majority of Points in Field

### BROOKS STARS FOR MIDWAY SCHOOL

By Bill Ahern

The University of Chicago's track squad defeated Armour's trackmen last Friday at the U. of C. Fieldhouse by a score of 67 1/2 to 37 1/2. The men from Chicago piled up a lead in the running events whereas Armour gained the most points in the field events.

#### Brooks Leads Chicago

The outstanding man of the meet was Brooks of Chicago, the great colored runner, who won the 60 yd. dash and the 70 yd. low hurdles—he also took part in the relay which Chicago won. For Armour, Roberts, Oberbeck, and Nelson gathered the most points. Nelson won the broad jump and tied for first in the high jump; Roberts was second in the 70 yd. high hurdles, tied for third in the 440, and fourth in the broad jump. Oberbeck was third in the 70 yd. high hurdles, and second in the 70 yd. low hurdles.

A new scoring system was applied in this meet; first place was credited with four points; second, three; third, two; and fourth, one point. This made the events interesting even if one man stepped far out into the lead.

#### Fast Time in Half Mile

In the half mile run there were about a dozen men running. Fairbank of Chicago won the event and Captain Sademan of Armour came in second.

Duerrstein, one of the promising newcomers on the Tech squad, ran a hard race in the half mile but could not pull himself into the point column. In this event and the mile and two mile runs Armour displayed their new material, and although they did not place, many of them showed good form.

A point of interest was seen in the two mile event. Jones of Armour discarded his shoes in favor of his bare feet. For the results of the experiment see "Barefoot Team" Jones.

Following the request made by the News a number of the Tech men brought their girls to the meet before attending the Junior Informal at the I.W.A.C.

#### SUMMARIES

60 Yd. Dash—Won by Brooks, C., second, Zimmer, C., third, Callen, C.; fourth, Block, C. Time 9:5.2.

880 Yd. Run—Won by Fairbank, C.; second, Sademan, A.; third, Cameron, C.; fourth, Moore, C. Time, 2:01.9.

440 Yd. Run—Won by Callen, C.; second, Waldenfels, C.; tie for third, Kelly, C.; and Roberts, A. Time, 0:51.8.

Mile Run—Won by Milo, C.; second, Simon, C.; third, Richardson, C.; fourth, Callen, A. Time, 5:01.5.

2 Mile Run—Won by Varkola, C.; second, Richardson, C.; third, Groebe, C.; fourth, Callen, A.

70 Yd. Low Hurdles—Won by Brooks, C.; second, Oberbeck, A.; third, Hayden, C.; fourth, Rosen, A. Time, 0:7.7.

70 Yd. High Hurdles—Won by Hayden, C.; second, Roberts, A.; third, Oberbeck, A.; fourth, Koltzber, C. Time, 0:9.2.

High Jump—Tied for first place; Kulpak, A.; Bejeck, A.; Cooper, A.; Nelson, A. 5 feet, 6 inches.

Shot Put—Won by Oyson, C.; second, Zimmerman, C.; third, Frat-eschi, A.; fourth, Schnur, C. Distance, 44 feet, 10 inches.

Broad Jump—Won by Nelson, A.; second, Bejeck, A.; third, Kulpak, A.; fourth, Roberts, A. Distance, 19 feet, 2 1/2 inches.

Relay—Won by Chicago (Waldenfels, Zimmer, Block, Brooks); second, Armour (Rosen, Nelson, Oberbeck, Kruezkamp. Time, 1:35.

Armour's next meet will not take place for a month and during this period the tracksters will take the "exams" and then settle down to intense training sessions. Improvement in the condition of the men is the essential need for a better showing in their work. By the time the Tech men meet some of their "old rivals" a great improvement is anticipated.

#### Pole Vault Omitted

In this meet with Chicago the pole vault was not among the events. In the coming meets this event will supply entertainment for the spectators as Johnny Roberts flouts over the bar in his own inimitable way.

## TECH SCHEDULES BIG TEN FOES IN BASEBALL GAMES

Once again, the old familiar cry for candidates for the 1933 Armour Tech baseball team will be heard, when all prospective pitchers and catchers are requested to meet Coach Krafft in the gymnasium tomorrow at 12:30. Within a few months King Baseball, one of the major sports at Armour will again take the limelight, not only here, but throughout the country.

A league championship, is the ambition of Coach Krafft's proteges this year, which will be the second season in the Northern Intercollegiate Conference for the Armour team. The conference is composed of Elmhurst, Lake Forest, North Central, Wheaton and Armour, which is the same as last year with the exception of Mt. Morris which has dropped out of all athletic activities for the coming year.

Last year, the first league trophy, symbolizing the Conference championship was won by Wheaton with Armour tied with Mt. Morris for second place. This was quite an achievement for an inexperienced Tech squad considering the fact that only five regulars from the previous season were available.

#### 9th Season for Coach Krafft

Coach Krafft, our able baseball manager, has been coaching Armour teams since 1925 and through his

wise leadership has compiled in baseball an impressive total of 60 victories, 24 losses and 3 ties in eight seasons of competition.

In preparation for the coming season Coach Krafft has several plans. A complete revision of the infield is the first task, and it would be a good bet that an entire new infield will represent the school when the first ball is thrown in. With the return of three regular pitchers, and some bright freshmen prospects, the pitching staff should be strong. If a fast, tight infield could be formed, to support the expected pitching and hold leads, an outfield could always be built.

A reliable catcher and some good consistent hitters are also sought. The team for the coming year will be more experienced, which will automatically eliminate many errors and provide more effective hitting and support. Although the loss of Evans, regular outfielder and .350 hitter will be felt Coach Krafft is not worried much about the outfield.

#### Armour Places Second in League

The Tech team won the opening game of the past season over Chicago Normal 7-4 behind the pitching of Mayer.

Armour then tasted a 4-0 defeat at the hands of North Central. Weak hitting was Armour's major fault. The second non-league game ended in a 6-6 deadlock with Crane.

Armour gave Wheaton, the potential champions a 6-2 drubbing at Ogden Field which put the Krafftmen

in the proper frame of mind to whip Elmhurst by a 10-8 score.

The Tech squad trounced the Alumni and "Chief" Stehno 10 to 9 in an annual contest. North Central again proved to be a painful stumbling block by tripping the Tech team to the tune of 7-0.

Krafft's boys recovered their equilibrium and batting eyes to defeat Mt. Morris 4-1 and during Junior Week added a 6-2 win in the Armour column at the expense of Lake Forest. At this point of the season the Armour bats became paralyzed to such an extent that two important games were lost to Mt. Morris and Elmhurst.

Armour again defeated Wheaton 5 to 3 and beat Lake Forest 2 to 1 to place in the finals. On Memorial Day Wheaton beat Armour 6 to 5 in 13 torrid innings to win the championship.

A complete league schedule for the coming season has been definitely set as follows:

April 22—Armour at Lake Forest. April 26—North Central at Armour.

April 29—Armour at Wheaton. May 6—Armour at North Central. May 10—Lake Forest at Armour. May 12—Elmhurst at Armour.

May 17—Wheaton at Armour. May 20—Armour at Elmhurst.

The two non-league games that have already been definitely scheduled are:

May 4—Armour at Michigan State Normal.

May 24—Michigan State Normal at Armour.

Four games with two Big Ten teams, Northwestern and Chicago Universities have been added to the Armour schedule, but are as yet only tentative arrangements, and are as follows:

April 4—Armour at Chicago University.

April 8—Armour at Northwestern University.

April 12—Chicago University at Armour.

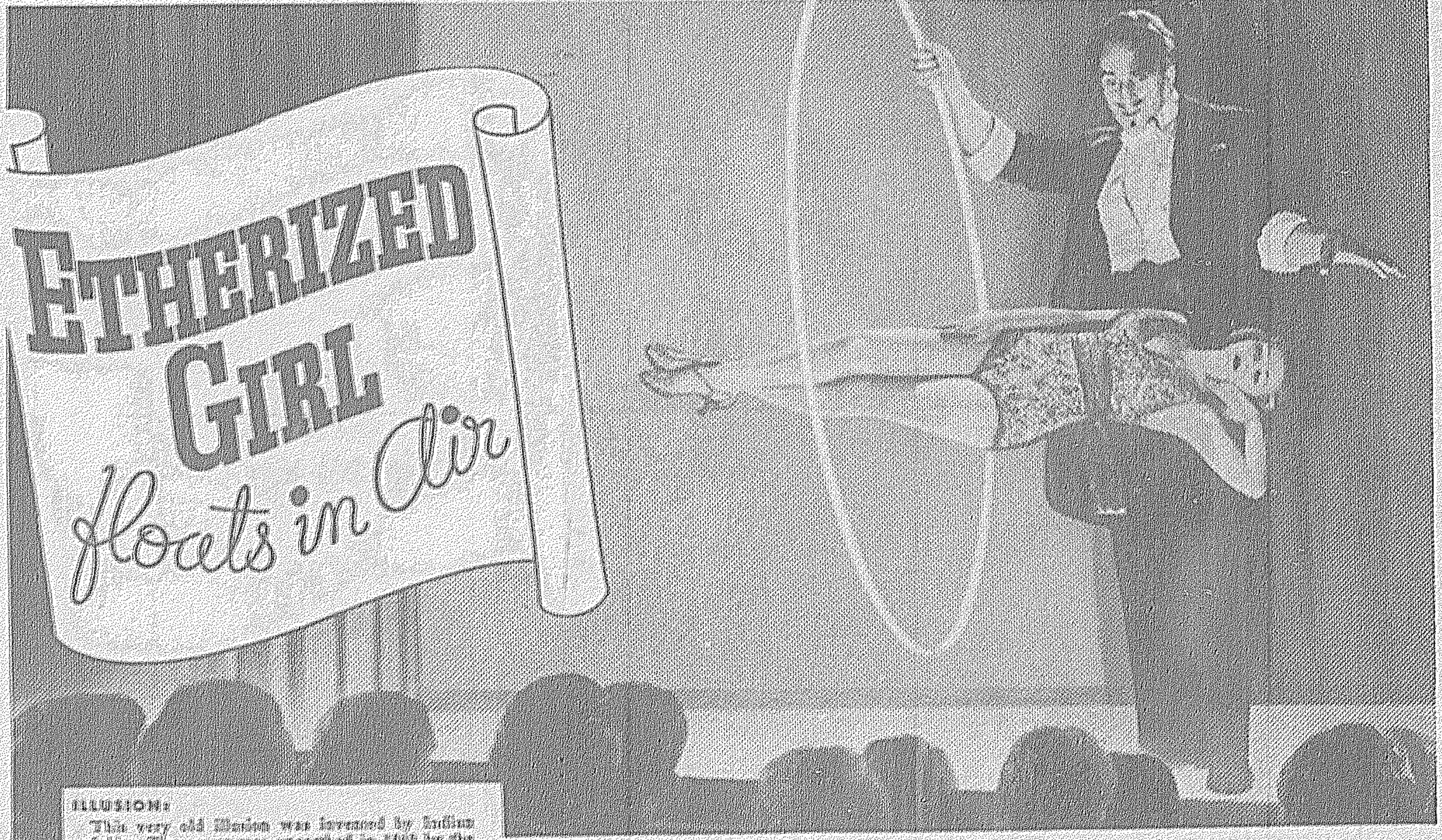
April 20—Northwestern University at Armour.

### SENIORS TAKE NOTICE

A college paper provides this much needed list of practical uses for Cap and Gown.

Cap: (1) With proper motion of the head, tassel makes handy fly-swisher. (2) May be used as flash-bowl with stationary bottom. (3) Or, as waste-basket or ashtray. (4) Excellent for balancing books on the head. (5) To make the unintellectual look studious (if this fails, study).

Gown: (1) May be used as pen-wiper in exams. (2) For rain-coat; with detachable fur scarf, as evening wrap. (3) As winding-sheet. (4) As disguise. (5) To conceal excess poundage (if this doesn't work, reduce).—Vassar Miscellany News.



#### ILLUSION:

This very old illusion was invented by Indian fakirs. The secret was unearthed in 1869 by the great magician, Robert Houdin. At that time, either had just been discovered, and Houdin was known about it. Houdin claimed that he had discovered that this new anesthetic could make people light as air. To prove it, he caused the subject to rise into the air and float apparently suspended. He pinned a hoop around the body to show there were no wires or supports.

#### EXPLANATION:

There are many, many explanations for this old trick. One is that the girl wears a concealed harness, which ends in a socket between her shoulder blades. This is attached to a piston below the stage. The piston is pushed up from below, causing her to rise in the air. The piston is invisible, because it is covered with mirrors which reflect surrounding dispersion, similar to the background. The magician can pass the hoop over her body because it is cut in one place. It can be pulled apart for a second when it passes the piston.

Source: "Modern Magic" by Professor Entomus. George Runnidge & Sons.

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

Another "magic show" is cigarette advertising.

One of its greatest tricks is the illusion that cigarettes can be made miraculously "MILD" through manufacturing methods.

THE EXPLANATION: All popular cigarettes today are made in modern sanitary factories with up-to-date machinery. All are heat treated—some more intensively than others, because raw, inferior tobaccos require

more intensive treatment than choice, ripe tobaccos.

The real difference comes in the tobaccos that are used. The better the tobacco, the milder it is.

It is a fact, well known by leaf tobacco experts, that Camels are made from finer, MORE EXPENSIVE tobaccos than any other popular brand.

This is why Camels are so mild. This is why Camels have given more pleasure to more people than any other cigarette ever made. It's the secret of Camels' rich "bouquet" ...their cool flavor...their non-irritating mildness.

All the natural, ripe goodness of Camel's tobacco is kept fresh for you by the famous air-tight, welded Humidor Pack. Don't remove it.



## NO TRICKS ..JUST COSTLIER TOBACCOS IN A MATCHLESS BLEND

# CAMELS