

Staff of "Engineer" Continues Efforts To Appear Monthly

Takes Time To Change Because of Nat'l Advertisers

The appearance of the "Armour Engineer" as a monthly will depend on the student body, according to the staff members.

They state that the change-over of the magazine will probably extend over a period of one year because of the national scope of its advertising. It is expected that in the event that the magazine appears next year as a quarterly there will be a deficit of four hundred dollars. This might be overcome by obtaining the money from the A. T. A. A. but there is much doubt as to the possibility of this solution. The editors declare that the Engineer has contributed considerable more than this to the A. T. A. A. Another suggestion is that the student body contribute fifty cents a year for the added expense, for which they will receive double benefits.

As "Armour" is one of the few members of the "Engineering College Magazines Associated" which is not a monthly, this move is far from revolutionary. Some figures of the recent competition held will probably bear out this point. Of the quarterlies registered there, five main awards of only second and third place; or only 20 percent of the awards were given the quarterlies. The monthlies however contributed eleven who won awards with nine placing. The "Minnesota Technology" headed the list with three first places, one second and four honorable mentions.

As there was no constitution or written agreement which could be

Paul S. Clapp Addresses W.S.E., A.I.E.E. Meeting

Several members of the student branches of the Western Society of Engineers and of the American Institute of Electrical Engineers heard Paul S. Clapp, managing director of the National Electric Light Association speak at a joint meeting of the A. I. E. E. and the W. S. E. at the Engineering Hall, Engineering building, Wacker Drive, and Wells Street, on Monday evening, January 21, at 7:00 P. M.

His subject was "The Electrical Industry in America." He told of the extent and magnitude of the electrical industry of the present day, how it has developed, and its future trends. He explained how its many diverse and seemingly unrelated components are connected; how one section of the business depends upon another for its existence.

The next address before the W. S. E. at the Engineering Hall will be Monday evening, January 28. At that time, G. A. Saint, Assistant Engineer of the Chicago and Northwestern Ry. Co. will speak on "The Proviso Yard of the C. & N. W. Ry. Co."

Out of the house a Burglar stole,
A bag of Chink he chunk;
And many a Wicked Smile he smole,
And many a wink he wunk,
And many a Hideous Grin he grun,
And many a Thought he thunk.

found in the organization, one has been drawn up. According to an agreement which it is hoped will be adopted before the next term, a managing board is made provision for. This board will consist of six students and three faculty members. Professors J. C. Peebles, E. H. Freeman and W. Hendricks have accepted these positions on the magazine. It is hoped that through the efforts of the board the magazine will improve greatly.

FRATERNITY NOTES

Phi Pi Phi

The Phi Pi Phi fraternity will hold its annual mid-semester party on Saturday night, Feb. 2. Professors Roesch and Kuehn will be chaperones for the evening.

Sigma Kappa Delta

George Horras, F. P. E., '30, fell on the ice last Friday evening following the Junior dance, and suffered a fractured fore-arm.

Theta Xi

Theta Xi will hold a smoker for its alumni tonight at the chapter house. Professors Paul and Perry, and Dean Penn will be the faculty members present.

Election of officers was held Tuesday, January 14. The officers for the new semester are as follows:

- P. Heath, '30, President
- E. Higgins, '30, Secretary
- M. Saunders, '30, Treasurer
- P. Kjellgren, '31, Steward
- W. Schrader, '31, House Manager
- F. James, '31, Corresponding Sec.

Triangle

Triangle fraternity inaugurated a new policy this year in holding an election of officers between semesters. The men put in office as a result of this election follow:

- Henry Christiansen, '29, President
 - John G. Sitzler, '30, Vice-President
 - Richard L. Quinby, '29, Secretary
 - Roland M. Spencer, '30, Treasurer
 - Donald Fetterman, '31, Steward
 - John Attwood, '29, Librarian
 - Fred Rasmussen, '30, Editor
- Triangle also wishes to announce the pledging of Harvy C. Rossing, C. E., '32.

An outing to the sand dunes on the south shore of Lake Michigan is being planned for Thursday of next week.

DR. H. M. RAYMOND (Biography)

(Continued from page 2)

vancement of Science. He started the night and summer schools at Armour with Professor McClement, head of the Chemical Department at the time, and Mr. J. B. Thomas of the Department of Mathematics.

Doctor Raymond, being of farming ancestry, is a great lover of outdoor life. For many years he operated the farm on which he was born, and was particularly interested in the raising of live stock and diversified crops. Since disposing of his farm in 1928, he now finds rest from his toils and worry in the sylvan retreats of nature, and at his mother's old home in Michigan. His present residence is 7100 South Shore Drive, Chicago.

Flask and Beaker, Armour chemical club, held the formal initiation of V. Sturm and P. Ruzevich Wednesday evening, Jan. 16. The informal initiation was held in the afternoon of the same day.

"That is a skyscraper," announced the guide.

"Oh, my, I'd just love to see it work!"

Teacher: Now, Jimmy, what happened when the cow jumped over the moon?

Jimmy: Somebody got an idea for vanishing cream.

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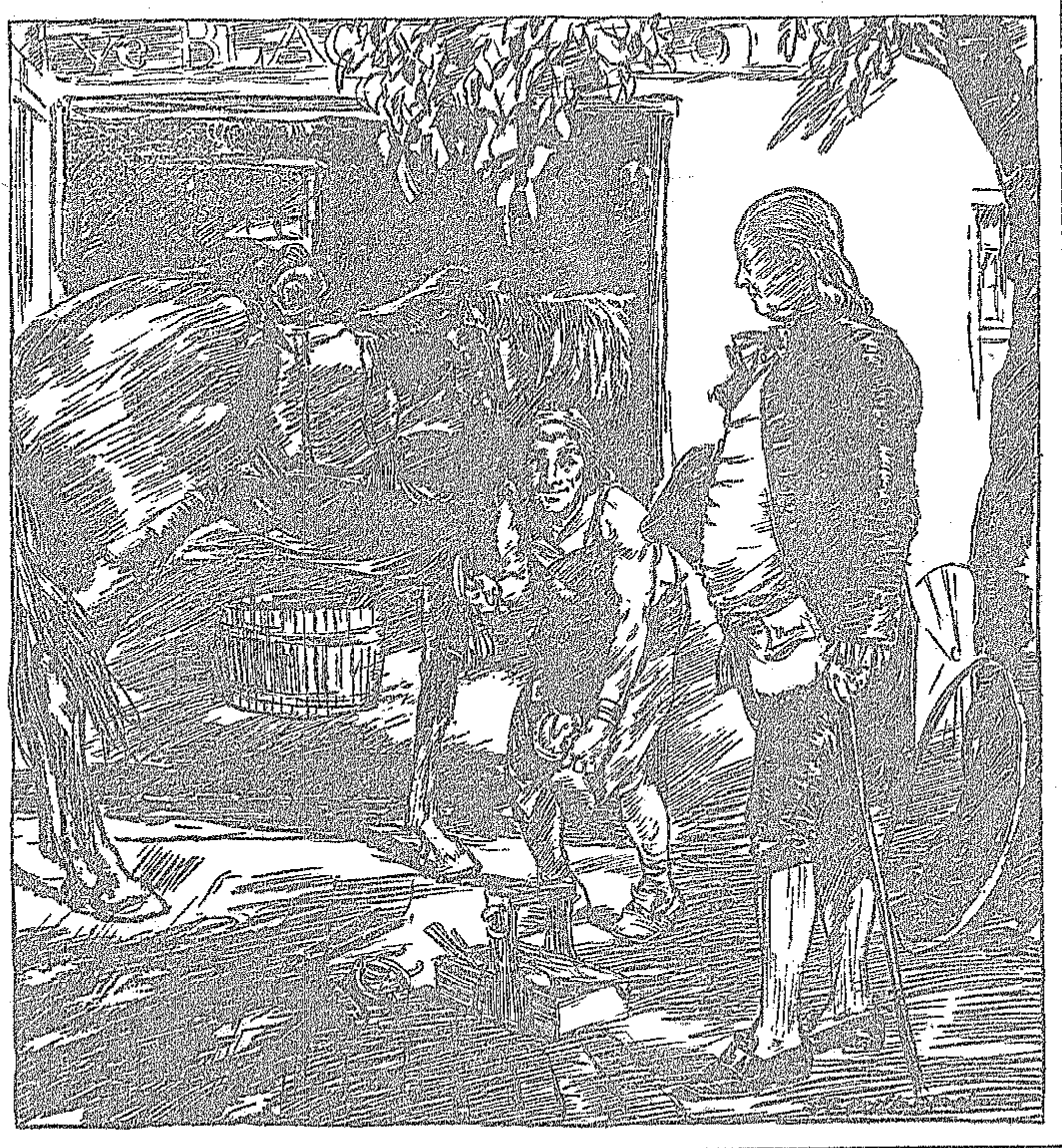
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The care given to details can still make or break a great plan. In the

telephone industry, for example, the development of compact paper insulation helped to make possible the small diameter cable and therefore the vast underground plant necessary to serve large cities.

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"OUR PIONEERING WORK HAS JUST BEGUN"

TECH BASKET PFD. DROPS 3 MORE POINTS

Ticker Shows Armour Again Suffers Loss

Armour's basketball stock took another jolt downward last Thursday night when the De Kalb Normal scored a 25-22 victory over our cagemen. It was just another one of those hard fought games with the prospects still appearing to be bright until the final second.

De Kalb Leads Armour at Half

At the half Armour trailed by a sixteen to ten count. De Kalb kept Armour at bay during this session; they had an edge over the Kraftsmen both in floor performance and marksmanship.

The game was scarcely in progress 14 minutes when "Augie" Augustine was forced to take the bench because of having committed four personal fouls. The loss of "Augie" seriously weakened Armour's defensive strength; it was after this period that De Kalb commenced increasing the lead over the Armourites until there was a difference of six points in the two team's score when the first period ended.

Armour's last minute fight, earning three points, was unflinching and showed the pep that the team has been lacking in the other games. The defensive strength was almost air tight while their offensive was successful.

Ott sinking a long shot in the closing minutes of play intensified the neat of the contest as Armour staged its last attack for the lead.

Captain Manz's, Simpson's, and Rossini's sharp eyes greatly benefited the team while Augustine's, Goodheart's, and Carlson's guarding was well re-inforced. Ott and Rutkowski took their stand in the last half and served well at their positions.

- Lineup:
- | | |
|----------------|-----------------|
| Armour (22) | De Kalb (25) |
| Manz, rf. | Chris'en, rf. |
| Simpson, lf. | Johns, rf. |
| Rossini, c. | Huntzicker, lf. |
| Augustine, rg. | Biehl, c. |
| Goodheart, lg. | Weston, c. |
| Ott, lf. | Strombon, rg. |
| Carlson, rg. | Cheli, lg. |
| Rutkowski, lg. | Lakin, lf. |
| | Hannigan, rg. |
| | Sutfin, lg. |
- Umpire—Glick. Referee—Serf.

S.K.D. Trims Phi Kaps In Fraternity Games

The Sigma Kappa Delta aggregation humbled the Phi Kappa Sigma quintet Monday, in the second round of the inter-fraternity basketball contest, by a score of 19-11.

The S. K. D.'s showed that they meant business by not allowing the Phi Kap's to take the lead during any part of the game. The Phi Kaps did not score a point against their flashy opponents until late in the second quarter. The score stood 6-2 at the half with the S. K. D.'s ahead. Ross was the leading point man for the victors with two baskets and a gift toss to his credit while Smith of the losing quintet scored three baskets.

Those who represented the S. K. D.'s were Peterson, Ross, Kutteruf, Kramer, Gibson, Hindman, and Stehno. The following men played for the Phi Kaps: Hurley, Smith, Hendricks, Wilson, and Larkin.

Phi Pi's Down Theta Xi In Fast Exciting Game

The Phi Pi Phi basketball team defeated the Theta Xi quintet Monday in their second game of the tournament, winning by the score of 19-10.

The game, however, was not the walkaway that the score leads one to believe, but on the contrary was a fight from start to finish. The score at the half was tied at eight apiece, most of the T. X. points having been scored by Pillott who sunk four gift tosses and a basket, becoming high point man for his five.

McArdle and Ott tied for the high scoring honors in the Phi Pi circle, with six points apiece. Jennings showed surprisingly good acquaintance with the ball by scoring five tallies.

Serson, Pillott, Schirmer, Fee, Rowley, and Gedelman made up the T. X. five while McArdle, Ott, Jennings, Stellar, and Cassidy composed the Phi Pi quintet.

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"Y" Game Close, But Score Still Backwards

Last Saturday night, "Y" College handed Armour a 29-23 defeat in a fast game that kept the fans in suspense during the entire conflict.

The first half was somewhat of a frustrated affair that ended 17-10 in favor of "Y" College. On the opening of the second fifty-percent, Armour began taking things seriously, and commenced sinking baskets from all angles of the floor until they had twenty-three points chalked up in their favor.

At this stage of the game, the Tech boys were commanding all the respect that the onlookers had to offer, for they were completely out-pointing and outplaying their opponents. Ott's long shot from the center of the floor, together with counters from Simpson and Manz, were among the team's most striking accomplishments, but in spite of all the effort being displayed toward the end of the game, their bad start cost them a victory.

"Engineer" To Feature Bureau Of Standards

(Continued from page 1)
fabrics and other organic materials and work on their development.

The "Commercial Standards" division of the Bureau takes care and protects the international measurement standards and calibrates subsidiary standards.

Other articles to appear will feature "Automobile Testing" by James C. Zeder, Chief Engineer of the Highland Park division of the Chrysler corporation. Tests and test methods are reviewed in this article.

The "Development of the Hydraulic Turbine" featuring the "Fraucis" and "Nagler" or propeller type turbine, concludes the series by R. H. Earle, '17.

Two student articles are also featured in this issue. "Stage Lighting" by F. H. Juergenson, '29, and "Color and the Motion Picture," by M. B. Golber, '29, give valuable information along their respective lines.

CRANE DEFEATS ARMOUR, 30 TO 20, IN SWIM MEET

Armour Tech swimmers succumbed to the superior form of the Crane Tech natators by a score of 30 to 20 in a dual meet held Monday at the Crane Junior College pool.

In the individual races, Armour Tech copped three first places against two for Crane, but the lead was lost in the relay in which Crane finished in 1:26 1-5.

Walter Trognitz, '30, captain of the Armour Tech swimmers, was winner in the 100 yard breast-stroke event, while Knox of Armour took two first places, one in the 40 and one in the 100 yard crawl. Notable swimming was also done by Cavanaugh, Filmans, and Davidson.

Summaries:
Relay—Won by Crane (Monson, Bielinski, Lakin, Retsky). Time, 1:26 1-5.

40 yard crawl—Wn by Knox, Armour; Bielinski, Crane, second; Lakin, Crane, third. Time, :21 1-5.

100 yard breast stroke—Won by Trognitz, Armour; Cavanaugh, Armour, second; Monson, Crane, third. Time, 1:16.

100 yard back stroke—Won by Weston, Crane; Fuhr, Crane, second; Filmore, Armour, third. Time, 1:17 1-5.

100 yard crawl—Won by Knox, Armour; Retsky, Crane, second; Poska, Crane, third. Time, 1:03 2-5.

220 yard crawl—Won by Lakin, Crane; Weston, Crane, second; Davidson, Armour, third. Time, 2:50.



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