

News of Prominent Alumni

E. W. HOTCHKIN, '10, NOW WESTERN MANAGER
Mr. E. W. Hotchkin, '10, an alumnus of Armour Institute of Technology, has been appointed western manager of the Royal and Queen Insurance Company. Mr. Hotchkin started at the Institute in 1904, stayed away for two years, and then graduated as a F. P. E. in 1910. He started work as assistant secretary of the Continental Insurance Company. He was with the Royal Insurance Company until lately. He has now been promoted to the position of western manager of the Royal and Queen Insurance Company. His headquarters are in New York, although he is the western manager of the firm.

A. S. HANSEN, '26, MARRIED
Unofficial announcement of the marriage of A. S. Hansen, '26, was received through a picture in the Friday morning paper, following Thanksgiving Day. The following article accompanied the picture:
"HOLIDAY BRIDE—Arthur S. Hansen and his bride, Alice Charlotte Hansen, after their wedding yesterday at the Hamilton Club, of which Mr. Hansen is a member. The service was conducted by the Rev. S. Hawkinson."

Hansen formerly was an instructor in mathematics here at the Institute, and at the present time bears the title "Financial Engineer."

John Tarman, '30, and Charles Morris, '30, are both employed in the Research Dept. of Armour and Company.

J. J. Doheny, '27, teaches trigonometry and chemistry at St. Mel High School. He is working on a chemical engineering problem at Tech now, in hopes of obtaining an advanced degree.

Harry Krieger, '28, is now located in Columbus. Harry is with the Ohio Inspection Bureau.

Rifle Team Humbles Boston Tech in Meet

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days which was crowded with exams. The weighty subjects on the minds of the sharpshooters it seems took some of the clarity out of their eyes.

One of the outstanding achievements of the three-match series with the New York Stock Exchange was the crowning of a club champion. The standing for the championship is as follows:

- Champion.....S. J. Patla
- Second.....A. H. Helmick
- Third.....D. J. Wilson
- Fourth.....L. Hackley

The scores of the four highest men in order were: 1130, 1116, 1115 and 1054.

The rifle club has nearly finished its drive for new members. The club has a membership of thirty-seven men at the present time. They are holding a meeting tomorrow to decide a matter of especial interest to the men in the club and the school as well.

A meet will be held with the Lane Technical High School just before the Midwinter Reces. Also a match has been tentatively arranged with the girl's rifle team representing Northwestern University.

C. M. LARSON, '13, ADDRESSES A. S. M. E.
C. M. Larson, '13, addressed the annual convention of the A. S. M. E. held in New York City, December 1-5, 1930, on the "Evaluation of Steam Turbine Oil Stability." Mr. Larson is at the present time Supervising Engineer of the Sinclair Refining Company. After his graduation from Armour he became a lubrication engineer with the Texas Company, and later became the chief engineer of the Chicago District. At the time of the world war he held the office of Wing Lubrication Engineer, 1st Lieut., Air Service, U. S. Army. He joined the Sinclair Company in 1919. Professor Daniel Roesch was present at the meeting when Mr. Larson delivered his address.

John Hommes, '29, founder and first editor of the Tech News, visited school just before the Thanksgiving Holidays and told of unofficial alumni association at Louisville, Ky. Some of the boys down there are Kent Parker, '28; Mac Horn, '28; Dave Smith, '30, and Dick Langan, '28.

The engagement of Oscar M. Pinsof, '29, to Miss Ruth Lillian Goldman of Cleveland has been announced.

Harley (Moon) Mullins, '30, dropped around last week with his traditional derby. "Moon" is with the Michigan Inspection Bureau, and is stationed at the present time at Kalamazoo.

Jerome Goldstein, '23, recently announced his engagement to Miss Mary Rose Greenstone.

Another famous derby visited the Institute last Thursday. This was worn by none other than J. J. (Nap) Kara, '30, former track star. "Nap" is doing research work in Clearing for the Metalwood Company.

Campus Club Alumni Elect New Officers

The fall meeting of the Campus Club Alumni Association was held Tuesday, December 2, at the Allerton House. The meeting was held primarily to elect officers for the ensuing year and to discuss matters of importance in regard to the future plans of the organization.

The election of officers marks a change in the form of organization from that previously used; the association having been formerly governed by a committee of five.

- The officers elected are:
- A. J. Frost, '30—President.
 - H. Stebbins, '30—Vice President.
 - G. L. Freund, '29—Secretary.
 - C. S. Jones, '28—Treasurer.

The Alumni Association acts in an advisory capacity to the Armour Campus Club. Plans were discussed to place before the student body the purpose of the Club, which is to provide a place of gathering for all the students. It is felt that too many of the students have a misconception of the Club, thinking it to be more or less an exclusive organization. It is planned to dispel this view.

SAFETY KEYNOTE OF W. S. E. TALK ABOUT AVIATION

"The present day aeroplane is safe," was the keynote of the talk given at the W. S. E. meeting Thursday, December 4th, by Mr. T. Wolfe, district manager of the N. A. T. lines.

Development Reviewed
Mr. Wolfe traced the development of transportation from the crudest form to the latest attempts of Fritz Opel's propulsion by means of quickly expanding gases.

An interesting comparison was made by him of the speeds possessed by man, animals, birds and the man-machine combination. Paavo Nurmi established a record of fourteen and one-half miles per hour over a sixty-four mile stretch; the gazelle attains a speed of sixty-four miles per hour on the sands of the Gobi desert, and the swift swallow is credited with one hundred thirty-four miles per hour. In reference to the man-machine combination, the late Maj. Sea-grave of Great Britain established an automobile speed record of 231 miles per hour, and another Englishman reached a speed of 357 miles per hour in an aeroplane.

Fresh Talent Needed
The speaker pointed out unusual possibilities in the air transportation field for real engineering talent. To date most of the designs have been carried on by guess-work by men who have grown up with the industry.

The lecture was part of the W. S. E. program on types of transportation.

Arx News

Albert DeLong reports that he enjoyed the Scarab convention in Charlottesville, Va., on November 24, 25 and 26 very much. He attended as Armour's delegate.


The Burnham Library announces its subscription to some new foreign magazines. Among them are: Die Pyramide, Der Baumeister and Inner-dekoration.

The Thanksgiving holidays brought a great influx of visitors to Chicago. The University of Illinois was well represented by the group that congregated in the Burnham Library of the Art Institute, most of them to do some History of Architecture research work.

Among the visitors were some former Armourites as Martin Braun, Joseph Lundy and others.

While not necessarily an architectural announcement, the following will be of interest to dog lovers. Marguerite Kirmse has the Second Exhibition of Etchings and Drawings of Dogs at the galleries of Carson, Pirie, Scott & Co., from November 25th to December 26th. They are worth your attention.

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Students Lecture on Communication

Student talks dealing with two methods of international communication were featured at the last meeting of the Armour branch of the A. I. E. E., held on December 1.

Donald M. Fetterman of the Senior class, gave a talk on Submarine Telephone and Telegraph Cables. He described some of the problems encountered due to the high capacity of the cables and the tremendous hydrostatic pressures encountered on the ocean bottom. The system employed to counteract these effects and the contemplated trans-Atlantic telephone cable were thoroughly explained.

The talk on Radio Beam Transmission by Morton Fagen of the Junior class proved to be intensely interesting despite the highly technical nature of this topic. The historical background, telling of the somewhat fruitless efforts in the past was strikingly contrasted with the phenomenal results obtained with modern operation.

With this system it has been found possible to maintain perfect communication for 24 hours daily over distances half way 'round the earth, such as from England to Australia. Transmission speeds of 100 to 300 words per minute are used by means of automatic receiving and transmitting equipment.

The high efficiency of the directional system is the immediate effect of concentrating the power sent out in a narrow beam directed at the receiving point.

The instructors in English department of Indiana University who own Ford cars have formed an English Department Ford Club.

F. P. E's See Terra Cotta Manufactured

The entire Junior F. P. E. class visited the plant of the Northwestern Terra Cotta Company, 2525 Clybourne Ave., last Wednesday afternoon. Professor Schommer, who was in charge of the inspection trip, entertained the students on the way to the plant with his famous football stories.

After arriving at the factory about two o'clock, the members of the group were shown the complete cycle of the manufacture. The trip was conducted by Mr. Singer, who gave a very satisfactory and interesting explanation of the method by which Terra Cotta is manufactured. The men were shown the process from drafting room to finished product.

This company is the largest of its kind in the United States. Various types of decorative tile are moulded from clay and baked in immense ovens, which are four hundred feet long. Then some of

Character will be the first essential of students selected for the proposed Lincoln University to be built in Westchester County, New York.

We're mad at fortune tellers. One told us we would receive several interesting letters, and we rushed home and were served alphabet soup.

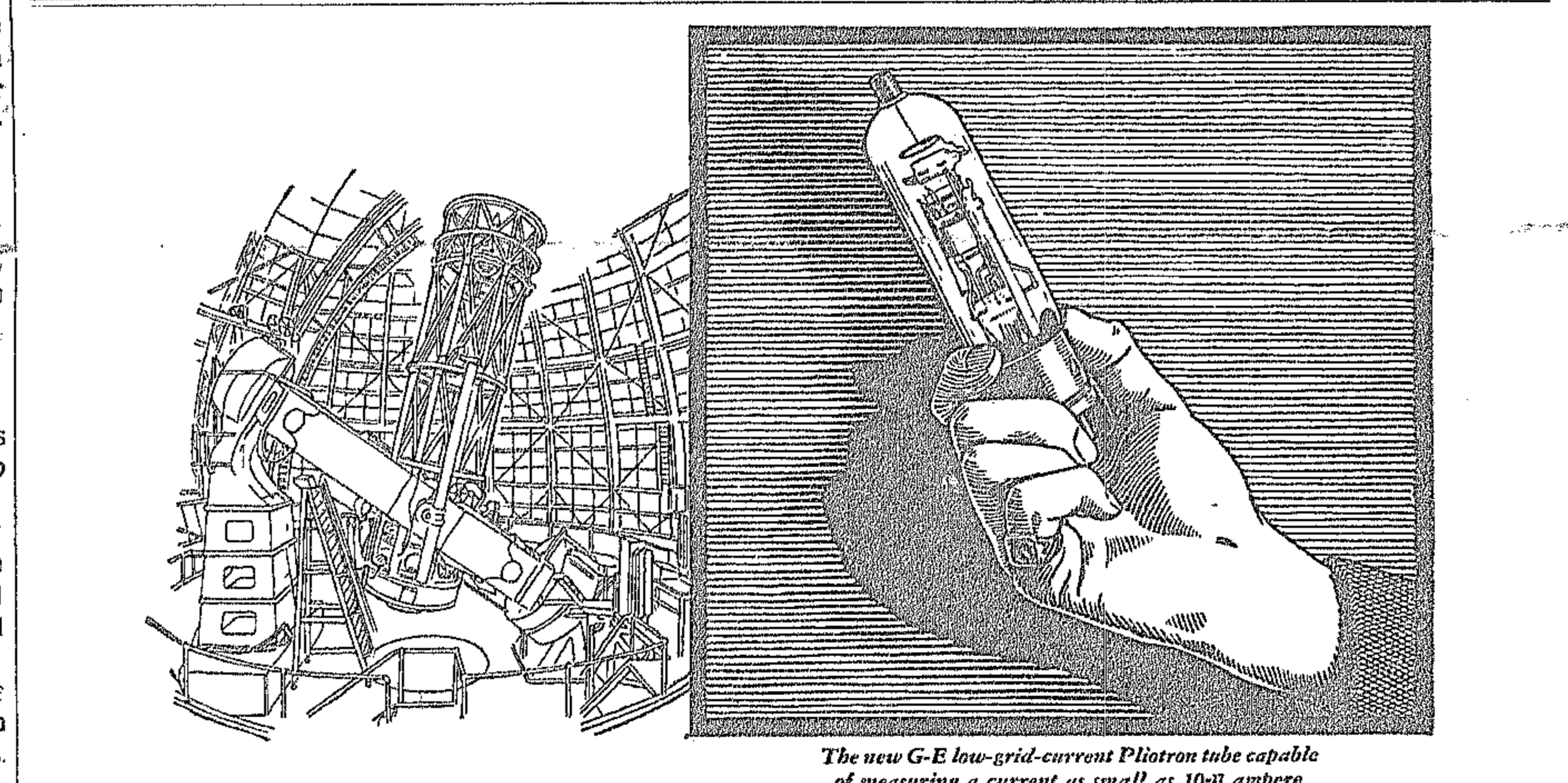
the products are colored by the use of pressure sprays.

The inspection of the clay driers, the batch kiln, and the continuous tunnel kiln proved a valuable supplement to the theoretical knowledge which the students receive at school.

Ralphs Barber Shop
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NO WAITING

ALICE RESTAURANT
3117 WENTWORTH AVENUE
WHERE QUALITY AND SERVICE REIGN SUPREME
HOME COOKING

Student Lunches
The Motorists Cafe
Michigan Ave. at 33rd



The new G-E low-grid-current Pliotron tube capable of measuring a current as small as 10⁻¹¹ amperes

This Little Tube Measures Stars Centuries of Light Years Distant

BY MEANS of a new vacuum tube called a low-grid-current Pliotron tube, astronomers can gather the facts of stellar news with greater speed and accuracy. In conjunction with a photoelectric tube, it will help render information on the amount of light radiation and position of stars centuries of light years away. It is further applicable to such laboratory uses as demand the most delicate measurement of electric current.

So sensitive is this tube, that it can measure 0.000,000,000,000,001 of an ampere, or, one-hundredth of a millionth of a billionth of an ampere. This amount of current, compared with that of a 50-watt incandescent lamp, is as two drops of water compared with the entire volume of water spilled over Niagara Falls in a year.

General Electric leadership in the development of vacuum tubes has largely been maintained by college-trained men, just as college-trained men are largely responsible for the impressive progress made by General Electric in other fields of research and engineering.



CHRISTMAS
with its joy and good will—why not extend its spirit over the whole year? The fund from the sale of Christmas seals in December will carry help and education against tuberculosis throughout all 1931.
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