PERMALLOY DEVELOPED IN BELL LABORATORIES

A recent instance of international character arising over the work of the Bell System Laboratories is that which went to the new Organizations office of course VI-A are sent for experience in research has been the cause of much newspaper comment. The results obtained in the new pernallloy covered cable from Alcan by which the speed of signalling was increased from 240 letters per minute to over 1200 letters per minute has occasioned the attention of the scientific world to this new material, "permalloy." The British papers claim that pernalloy is a British invention and the statement has been the basis of an article in a New York paper. As a matter of fact pernalloy was discovered by a group of Easton scientists more than 10 years ago to perform work by the engineers of the Bell System Laboratories, and of the usual assortment of northern light is the pernalloy used in the New York pernallloy cable. This cable was manufactured at the Western Electric Company at Hawthorne, Illinois. What probably gave the impressiveness that this new material was an English invention is the fact that the cable itself was manufactured in England because of the absence of satisfactory cable manufacturing facilities of the United States.

The machinery employed by the English manufacturer of this cable was built by the Western Electric Company, its cost about $200,000. The perfection of manufacture except those defects that had to do with the ordinary pernallloy insulation and the copper wires were entirely under the supervision and control of engineers from the Western Electric Company sent to London for that purpose.

The successful completion of this work has attracted attention to the importance of inventions in both countries.

JUNIOR PROM ELECTIONS

The election of officers for the Junior Prom Committee of the class of 1927 will be held in the offices of the Daily Varsity before 1 o'clock Saturday, November 28. Elections will be held Wednesday, November 30 on which date schedule cards are to be left in the office. There will be a meeting of the candidates in the Committee Room of the Walker Memorial Committee before 1 o'clock Saturday, November 28. Elections will be held Wednesday, December 2.

M. E. SOCIETY

Mechanical Engineering Society elections will be held today in room 3-180.

Thursday, March 26, 1925

ENGINEER TELLS OF TRAVELS IN AFRICA

Mr. J. E. Wheeler, consulting metallurgist, delivered an address at a meeting of the Miners Society held last evening in the West Lounge, Walker at 7:45 o'clock. Mr. Wheeler was formerly in charge of the Great Falls, Montana, plant of the Anaconda Copper Company and is connected at present with the Kennecott Copper Company, of Delingua, Africa.

The lecturer showed a series of slides illustrating the mining wonders of the western and eastern parts of that continent and of the geological development promises, however, to be explored in its depths. Among the most talked of ores are those in the Great Falls, Montana, plant of the Anaconda Copper Company and are several of the metallurgical developments in central Africa which were supplemented by a lecture describing his travels and experiences in that section of the world.

T. C. A. EMPLOYMENT BUREAU

All T. C. A. Drive Free Lances who have not yet received their final subscriptions will be chosen for the committee. Three men will be chosen for the committee.

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STONEY OVERGOATS

Many of the boys who have been natives in Walker which have no been received work on the building of the laboratory for those who have not yet received them.

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