THE TECH

Entitled an annual meeting of the Tech, the meeting was held at the School of Mines, a successful event.

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ATTENTION IS CALLED TO THE FACT THAT THIS PAPER IS PROTECTED BY LAW

The usual method of utilizing the water power of rivers is to dam the stream to a height sufficient to give a serviceable "head" to the water. A somewhat unique departure from this method is to use it for the purpose of driving paddle wheels. In order to effect this, the author of the article below describes a method of obtaining a sufficient number of paddles which, when lowered into the stream, are propelled by the current of the river and develop power enough to drive a small generating unit, of a few horse-power. The experience is an interesting one, but the writer of the article "is capable of efficient professional development in the field of electrical engineering."

The Tech Union.

THE TECH, BOSTON, MASS., NOVEMBER 15, 1913.

SCIENTIFIC AND ENGINEERING NOTES

In the Popular Science Monthly for November appears an interesting article by Professor Sanford of Stanford University on the "Discovery of Contactor Electricalization." Sanford describes the work of the early experimenters Bennett, Nicholson, Volta, and others. An ingenuity device known as a "double" was used which worked on the principle of the electro-phosphorous building up from a minute initial charge by induction from a charge of any desired magnitude. With the aid of this instrument the exceedingly minute quantities of electric energy generated by the contact of some metals could be magnified a known number of times and thus studied more conveniently and accurately. Descriptions of the early experimenters and some interesting data and conclusions are given.

The first commercial message harnessed by wireless between America and Asia was transmitted October 14th from the U. S. Navy Signal Corps station at Nome, Alaska, to the Russian Government station at Anadyr, Siberia.

Every loyal Tech man should be at Harvard in spirit today, cheering for the New England Intercolligiate. The quality of the team is shown by its victory over the B. A.'s strong collection of individual stars. The latter are practically lacking our team, its strength being derived from team-work which is generally characteristic of Technology, and which is based on consistent and steady plugging from each man, instead of trusting to a chance few of exceptional excellence.

Our attention has been called to a point overlooked in the editorial, printed some time ago, on the student tutoring system to be tried this year at Dartmouth. There, as at most colleges, it is not customary as it is here for the instructing staff to give their time, of course within reasonable limits, for helping their students when in trouble with any of the work. This seems on the face of it a better scheme than Dartmouth's, provided it is properly taken advantage of.

Our congratulations to the Freshmen; the long step they have taken in the right direction by voting financial support to their class basketball team. The ideal conditions, we think, would be a "single tax" on all institutions, which should completely support all worthy branches of athletics. The class of 1917 has made a considerable advance toward this ideal.

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