

## Latest Developments of Research Work Throughout the World

slip over the head.

During an electrical experiment conducted recently at a high-voltage laboratory in Pittsburgh, Pa., an are 42 feet long was developed from electricity of 1,000,000 volts. Engineers say the arc was the argest ever produced under conrolled laboratory conditions.

A thousand butterflies will be kept old storege in the London 200 this winter for their own safety.

been allowed to find their own winter retreats in the outdoor butterfly inclosure, but many were blown away and few survived. This year they will be housed in an icebox. and a few will be taken out periodically and allowed to revel among flowers, sprayed with diluted honey, and bathed in artificial

veloped a method whereby flashlights can be taken under water or a brilliant burst of light of very short duration can be provided in the absence of high-tension current Mercury is drawn through the hairline bere of a glass tube to serve as the filament of the lamp. When a low voltage current is turned on. the naverny is heated to the ex-

ly, and as the tube bursts there is produced a brilliant mercury are light. This endures for a small fraction of a second and then dies.

The X-ray is to be used on the remains of Tutenkhamen when they dig him out of his temb in the Valley of Kings this winter. Usually mummiffed Egyptian notables ero

ages; but King Tut is going to be permitted to return to his coffin unscarred after Egyptologists unwrap him and reveal the treasures they expect to find with his body.

The first steel skyscraper was rected in New York City in 1888. The structure was of 11 stories, with a width of but 21 feet 3