

12 to 1, and the goods elevators 4 to 1. The plunger diameters are from 4 inches to 12 inches. Ball-bearing anchors are used at all attachments of the cables to the frames of the cages or cars, thus allowing for the constant twisting and untwisting of the cables as the stresses vary.—Builders' Journal.

#### NEW WAY TO CUT STEEL.

A new method of cutting steel is said to have been patented by a Berlin engineer. The process consists in first heating the metal by means of an oxy-hydrogen flame and then cutting it by a small stream of oxygen gas, which unites with the steel and forms a fusible oxide, which flows freely from the cut. It is said that the cut is fully as smooth as that made by the saw, and is only 1-1,000 inch wide.

Thanks largely to the efforts of A. E. Planta, Ltd., Nanaimo, B.C., will soon have a Building Society. The financial aid offered through this medium will doubtless be a great incentive to many in the neighbourhood who would like to build their own homes. Application has been made for a charter and the institution will soon be in running order.

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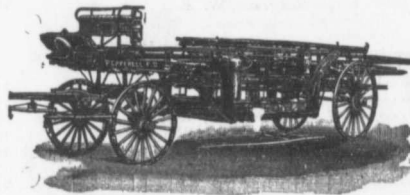
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