

PUBLICATIONS RECEIVED.

The Strength of the Alloys of Nickel and Copper With Electrolytic Iron, Bulletin No. 346, of the University of Wisconsin, by Charles Frederick Burgess, E.E., and James Aston, Ch. E. Size 6 x 9, pp. 40, price 25 cents.

"Tests of Timber Beams" by Arthur N. Talbot, issued as Bulletin No. 41 of the Engineering Experiment Station of the University of Illinois, is a detailed report of the tests of a large number of full-size timber bridge stringers. The test beams included new, seasoned, and creosoted wood of several species. The report also gives the results of shear and bending tests on specimens cut from the large beams. Important conclusions concerning strength and other properties of structural timber are given.

*Copies of Bulletin No. 41 may be obtained gratis on application to W. F. M. Goss, Director of the Engineering Experiment Station, University of Illinois, Urbana, Illinois.

Report of the First Annual Meeting of the Commission of Conservation, 1910. James White, secretary, Ottawa, pp. 215, size 6 x 9.

Geology of St. Bruno Mountain, Province of Quebec, by John A. Dresser, issued by The Department of Mines, Canada, Ottawa, Ont., size 6 x 9, pp. 35.

A Reconnaissance Across the Mackenzie Mountains, by Joseph Keele, issued by the Department of Mines, Canada, Ottawa, Ont., size 6 x 9, pp. 60.

Work Wages and Profits, by H. L. Gantt, published by The Engineering Magazine, New York, N.Y., size 5 x 7, pp. 200.

Engineering Construction in Steel and Timber, by William Henry Warren, second edition, published by Longmans, Green & Company, 39 Paternoster Row, London, England, size 6 x 9, pp. 470, price \$5.00.

CATALOGUES RECEIVED.

Switches—The Jenney Safety Switch Co., Niagara Falls, N.Y., have issued a catalogue showing the parts, method of construction and style of their safety switch connections. This device protects the sidings from carelessness or oversight in the operating of trains on the main line.

Wooden Pipe Covering—The Canadian Mineral Rubber Co., 1 Toronto St., Toronto, have issued a neat pamphlet describing the advantages of pioneer mineral rubber pipe coating and pioneer field paint.

Contractors' Supplies—C. W. Hunt Co., of West New Brighton, N.Y., have issued their general catalogue No. 102, describing coal handling and hoisting machinery, conveyors, industrial railways, electric locomotives, electric and steam hoists.

Friction Clutches—The Hill Clutch Co., Cleveland, Ohio, in catalogue No. 8, describe fully the uses and advantages of their friction clutches. They also give sizes and prices.

Concrete Mixers—The Canadian Agencies, 18 Toronto Street, Toronto, are circulating an interesting catalogue describing an improved cube mixer. These machines vary in size from 2½ cubic feet to 64, they also describe in the same catalogue sewer excavators and open ditching machines, together with drag line excavators.

Portable Lights—The Alexander Milburn Co., 307 West Lombard St., Baltimore, Md., have issued catalogues describing the application of acetylene for contractors and railroad construction portable light. The strong, white and steady light at a cost of 1¼ cents per 1,000 candle power per hour.

Cranes—The Royce, Limited, Trafford Park, Manchester, England, in a recent catalogue illustrate their motor cranes of various sizes and capacity and suitable for every class of work such as freight and railway yards, freight on docks, machinery and equipment in buildings and power plants.

ORROCK — Railroad Structures and Estimates. 8vo, vi+270 pages, 93 figures. Cloth, \$3 net.

SABIN—House Painting, Glazing, Paper Hanging, and White-washing. A Book for the Householder. 12mo, iv+121 pages. Cloth, \$.100.

CROCKETT—Methods for Earthwork Computations. 8vo, x+114 pages, 90 figures. Cloth, \$1.50 net.

FOWLER — Ordinary Foundations. 8vo, xxvi+314 pages, 148 figures. Cloth, \$3.50.

HAUCH-RICE—Tables of Quantities for Preliminary Estimates 16mo, iii+92 pages. Cloth, \$1.25 net.

NINTH EDITION REWRITTEN

Total Issue Twelve Thousand

JOHNSON-BRYAN-TURNE-AURE—The Theory and Practice of Modern Framed Structures. In Three Parts. Part I. Stresses in Simple Structure. 8vo, xii+326 pages, illustrated with cuts throughout the text. Cloth, \$3.00 net.

RAYMOND—The Elements of Railroad Engineering. Railroad Engineering, 8vo, xvi+405 pages, 107 figures, 18 plates. Cloth, \$3.50.

WEBB—The Economics of Railroad Construction. Large 12mo. vii+339 pages, 34 figures. Cloth, \$2.50.

WEBB—Railroad Construction. Theory and Practice. 16mo, xvii+777 pages, 217 figures, 10 plates. Morocco, \$5.00.

**Renouf
Publishing Co.**
25 McGill College Ave.
MONTREAL