

Henry S. Graves, Forester, Forest Service, U.S. Department of Agriculture, Washington, D.C.

A Study of Iowa Population. As related to industrial conditions. By John E. Brindley. Being Bulletin No. 27, Engineering Experiment Station, Iowa State College of Agriculture, Ames, Iowa.

Road Legislation and Administration in Iowa. By John E. Brindley. Being Bulletin No. 28, Engineering Experiment Station, Iowa State College of Agriculture, Ames, Iowa.

Some Fallacies and Facts Concerning Engineering Work in Great Britain. By W. A. Martin, late assistant general manager of the Toronto Electric Co. Being a reprint from The Canadian Engineer issues, August 8th and 15th, 1912. Copies may be secured from the Canadian British Engineering Co., Limited, Toronto.

CATALOGUES RECEIVED.

Rubber Insulated Wire and Cable.—The Standard Under-Ground Cable Co., of Canada, Limited, Hamilton, Ont., forward copy of their pamphlet entitled "Sterling Rubber Insulated Wire and Cable." This is an artistic little publication, describing the manufacture of the Standard Under-Ground Rubber Insulated Wire and Cable.

Fire-Proof Houses.—The National Fire-Proofing Company, Fulton Building, Pittsburg, forward the sixth edition of their "Fire-Proof Houses of Natco Hollow Tile and How to Build Them." The book is distributed gratis to architects, but a charge of twenty cents is made to the general public.

Electrically Welded Wire.—The Clinton Wire Cloth Co., of Massachusetts, forward copy of catalogue describing their "Clinton" electrically welded wire fabric for reinforcing concrete construction. The catalogue is a most artistic one and gives many illustrations of the use of Clinton wire.

Beatty Hoists.—Messrs. M. Beatty & Sons, of Welland, Ont., forward their last catalogue describing their steam and electric hoists. The bulletin shows illustrations of their hoisting engines, centrifugal pumps, derricks, dredges, scows and clam shell buckets.

Briquetting Machinery.—The United States Engineering Company, 80 Wall Street, New York City, forward brochure on briquetting machinery, illustrating and describing briquetting machinery for coal, coke and ore products, as manufactured by William Johnston & Sons, Limited, of Leeds, England, for whom they are the representatives.

Water Filtration.—The Loomis-Manning Distributing Company, 828 Land Title Building, Philadelphia, forward their catalogue describing the Loomis system of filtration, pressure or gravity. They also enclose a reprint of the December issue of Dun's Review, in which in every building mentioned in an article on "The Rebuilding of New York," the Loomis filter plant had been specified by the architects and engineers.

Metal Windows.—Henry Hope & Sons, Limited, 45 King Street West, Toronto, Ont., forward copy of Hope's Catalogue of Metal Windows. This is a magnificently bound and illustrated volume, 10 x 15 inches in size and containing about 200 pages. Typographically, the book is above criticism, and is in every way a most artistic publication.

Taylor Stokers.—The American Engineering Company, of Philadelphia, forward a pamphlet entitled "Facts Concerning the Operation of Taylor Stokers Obtained from the Users." The results of a number of tests are given in which the Taylor stoker was tried out. There are a number of interesting charts, and the tests themselves are of considerable interest.

Hayward Buckets.—The Hayward Company, 50 Church Street, New York, forward copy of their pamphlet No. 596, entitled "Hayward Buckets and Digging Machinery."

Transits and Levels.—Iszard-Warren Company, 136 No. 12th Street, Philadelphia, Pa., forward catalogue describing their "Sterling" transits and levels.

Grout Mixers.—The Ransom Concrete Machinery Company, Dunellen, N.J., forward pamphlet entitled "The Use of Ransom-Canniff Grout Mixers."

Machinery and Supplies.—The Chicago Builders' Specialty Co., Room 450, Old Colony Building, Chicago, Ill., U.S., forward their catalogue No. 35, illustrating their machinery and general contractors' supplies.

Electrical Apparatus.—Ferranti, Limited, Hollinwood, Lancashire, England, through their Canadian representative, G. C. Royce, 1688 Dundas Street, West Toronto, forward their latest revised catalogue illustrating their switch-board instruments, switch gear and accessories, transformers, etc.

HOLLINGER FINANCIAL STATEMENT.

The provisional statement of the company's finances, as on October 26th, 1912, is as follows:—

Assets and Liabilities.

Current Assets—

Cash on hand and in Imperial Bank	\$ 33,496.44
Bullion on hand	27,570.00
Bullion shipped (not paid for)	89,498.65
Gold precipitates on hand	97,500.00
Gold in mill solutions	24,000.00
Gold in slags on hand	17,000.00
Materials and supplies on hand	30,659.54
Accounts receivable	7,407.30
Guarantee Deposits	500.00
Imperial Bank, Toronto, reserve for dividend No. 1	90,000.00
Insurance paid in advance	2,832.41
	<u>\$ 420,464.34</u>

Capital Assets—

Mining properties	\$2,500,000.00
Developments	302,556.24
Plant	593,728.09
	<u>\$3,396,284.33</u>
	<u>\$3,816,748.67</u>

Current Liabilities—

Wages	\$ 18,254.00
Salaries	2,750.00
Accounts payable	36,972.86
	<u>\$ 57,976.86</u>

Capital Liabilities—

Capital stock	\$3,000,000.00
Surplus, made up as follows, viz.:	
Premium on shares sold invested in plant and development	\$250,000.00
Profits from operations	
Reinvested in plant .. \$ 82,432.92	
Reserve for Dividend	
No. 1	90,000.00
Balance in reserve ..	336,338.89
	<u>508,771.81</u>
	<u>758,771.81</u>
	<u>\$3,816,748.67</u>

The above figures are provisional, and are subject to correction after actual returns from smelters are received. It is estimated that the surplus on November 2nd will amount to approximately \$800,000.00