

description of material that may be required for railway construction or for general building purposes. He has been appointed representative in Montreal for the Pembroke Lumber Company of Pembroke, Ont., whose specialties are planed and rough lumber, railway and building timber; the Gillies Bros. Company, Ltd., of Braaside, Ont., manufacturers of and dealers in red and white pine lumber; and of H. Harris, Ottawa, telegraph poles, railway ties, piles, etc., and oak in all sizes. To the established reputations of these reputable firms Mr. Austin adds the benefit of his personal experience and attention; and THE CANADIAN ENGINEER, in wishing Mr. Austin every success in his new venture, bespeaks for him a goodly portion of the vast business that is done in lumber throughout Canada. Mr. Austin's office is No. 411 Board of Trade Building, Montreal.

## The Patent Review.

- 46,682 Blackman Patent Pulp Co., New York, apparatus for recovering alkali.
- 46,683 Edw. Best and J. D. Lebel, London, Ont., safety switch.
- 46,684 C. W. McBryer and H. B. Schilling, St. Louis, Mo., device for preventing railway cars from leaving the rails.
- 46,685 G. T. Hawes, Owensburgh, Ky., truss for bridges.
- 46,686 A. Philipsborn and Max Schiemann, Berlin, Germany, electric locomotive.
- 46,687 H. K. Thiel, Alpena, Mich., electric motor and dynamo.
- 46,688 G. Blanchard, Brooklyn, N.Y., foundation for lighthouse and other heavy structures.
- 46,691 Dr. Carl Hopfner, Giessen, Germany, method of extracting metal from the ore.
- 46,692 J. L. Ketcher, New York, apparatus for generating and supplying electricity.
- 46,694 W. E. Worthen, New York, apparatus for applying and removing storage batteries.
- 46,695 A. S. Walbridge, Mystic, Que., arch bridge.
- 46,698 W. A. Wiley and J. F. Harvey, Rochester, Minn., hammer.
- 46,700 W. J. Still and R. Macdonald, Toronto, electrical propulsion of cars.
- 46,701 Magnetic Electric Co., Boston, electric railway system.
- 46,703 G. W. Rickett and S. Lesur, Denver, Col., rock drill.
- 46,706 C. Halpin, Tarrytown, N.Y., car coupler.

46,708 Jas. H. Turner, Pewee Valley, La., and J. M. McKnight, Louisville, Ky., locomotive oiler.  
 46,709 A. Barré and E. Currier, Fall River, Mass., railway gate.

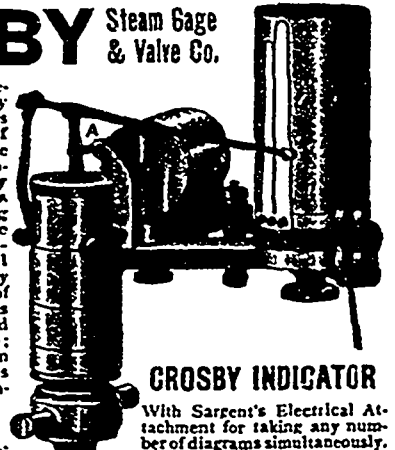
### METAL IMPORTS FROM GREAT BRITAIN.

The following are the values in pounds sterling of shipments of metals, etc., from Great Britain to Canada, as shown by the British Board of Trade returns for January, and for the same period of last year:

	January.	
	1894.	1895.
Hardware and Cutlery .....	6,567	3,246
Pig Iron ..	1,553	....
Bar, etc.....	1,965	1,302
Railroad .....	3,452	....
Hoops, Sheets, etc.....	2,895	1,621
Galvanized Sheets .....	1,956	1,495
Tin Plates .....	18,139	10,589
Cast, Wrought, etc., Iron .....	5,335	1,996
Old (for remanufacture) .....	733	....
Steel .....	7,613	2,533
Lead .....	240	369
Tin, Unwrought .....	1,750	2,856
Cement .....	1,238	30

## CROSBY Steam Gage & Valve Co.

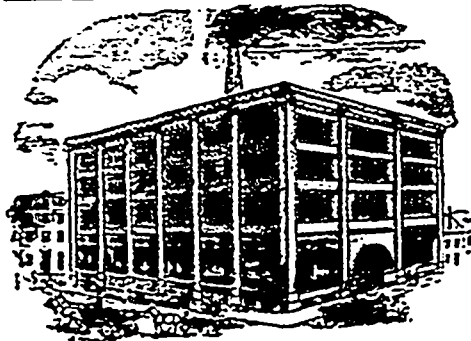
Manufacturers of Standard Safety Steam Appliances, Crosby Pop Safety Valves, for boilers of all kinds. Water Relief Valves, fully approved by the Associated Factory Mutual Insurance Companies. Crosby Improved Steam Gages and Pressure Recording Gages. Patent Gage Testers, Revolution Counters, Original Single Bell Chime Whistles, and many other specialties. All kinds of Pressure and Vacuum Gages used in the various arts. Gold Medal, Paris Exposition, 1889; Ten Highest Awards Columbian Exposition, 1893. Branch offices at New York, Chicago and London, Eng.



CROSBY INDICATOR

With Sargent's Electrical Attachment for taking any number of diagrams simultaneously.

MAIN OFFICE AND WORKS  
 BOSTON, Mass., U.S.A.



MONTREAL FACTORY

## ROBIN, SADLER & HAWORTH MONTREAL and TORONTO

MANUFACTURERS OF

# OAK-TANNED Leather Belting

We make Belting for all kinds of work. In ordering state where belts are to run.

## John McDougall CALEDONIAN IRON WORKS ENGINEERS AND BOILER MAKERS

Agents in Canada for the Famous

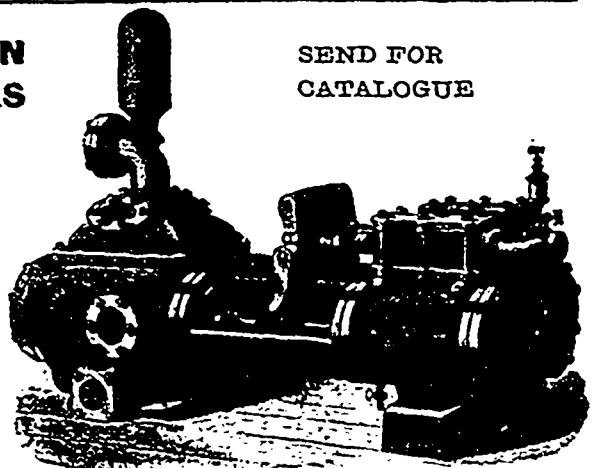
# WORTHINGTON PUMPS

Hydraulic Machinery, Condensers and Water-works Supplies, Water Meters and Meters for all Services

MANUFACTURERS OF

Machinery for Electrical Work, etc. etc  
 Boilers, Engines, Forgings, Girders, Castings.  
 Shafts, Pulleys, Gears, Bearings, etc.

SEND FOR  
 CATALOGUE



OFFICE:

Corner William and Seigneurs Streets,  
 MONTREAL