

a special quality of iron that will possess the advantages found in Swedish iron in its best days. The St. Thomas Car Wheel Co. realized the importance of this condition in Canadian iron several years ago and has since been engaged in developing the possibilities and extending its use with the most satisfactory results. The very high conditions of strength and wear referred to have enabled the company to place the wheels made from this metal in successful competition with steel tired wheels used abroad and particularly on electric railroads where the use of the steel wheel has been found impracticable owing to the peculiar condition of service. It is a remarkable fact that thus far it has been absolutely impossible to use steel wheels on electric railroads, as the greater contact between the wheels and the rails wears away the flange of the former so quickly. Chilled wheels of a superior quality are therefore imperative for electric service, and in proportion as electricity displaces steam in railroad operations, the demand for such wheels will increase. The St. Thomas Car Wheel Company undoubtedly have before them a brilliant future.

CANADIAN PATENTS.

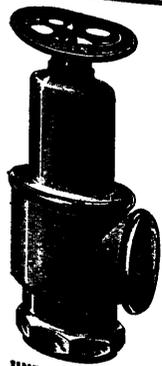
The following patents have been issued from the Canadian Patent Office, from October 11 to November 12, 1894, inclusive.

Information regarding any of these patents may be had on application as follows:—

- Fetherstonhaugh & Co., Bank of Commerce Building, Toronto.
- Ridout & Maybee, 103 Bay street, Toronto.
- A. Harvey, Central Chambers, Ottawa.
- J. A. Grenier, Imperial Building, Montreal.

Copies of American patents corresponding to Canadian patents can be procured from either of these attorneys for the sum of twenty-cents each.

- 47,315 Dental chair, The S. S. White Dental Mfg. Co., Philadelphia, Pa.
- 47,316 Dumping apparatus for railway cars, The Long Mfg. Co., Cleveland, O.
- 47,317 Method of and apparatus for melting snow drifts, J. B. Brand, Henry Schackell and C. L. Franklyn, all of Milwaukee, Wis.
- 47,318 Car coupler, Herman Gay and Fidelio Finke, Baltimore, Md.
- 47,319 School seat and desk, John R. Strand, Pierpoint, S. D.
- 47,320 Lamp, The Safety Heating and Lighting Co., New York, N. Y.
- 47,321 Hand car, Adrian Hitt, Jersey City, N. J., H. G. Simon, and Israel J. Cobin, New York, N. Y.
- 47,322 Roller bearing, J. C. Bradley, Wilson, N. Y.
- 47,323 Female abdominal support, Barbara Gregg, Uxbridge, Ont.
- 47,324 Blotting paper, Mercel Beguede, Bordeaux, France.
- 47,325 Process of and apparatus for manufacturing artificial marble, Hugo A. Majewski, Berlin, Germany.
- 47,326 Primary battery, Chas. Jones Hubbell, New York, N. Y.
- 47,327 Velocipede, Samuel Young and Michael A. Powers, Ontonagon, Mich.
- 47,328 Shaft holder, Wm. McKone, Neepawa, and Samuel McKone, Rosedale, both in Man.
- 47,329 Open grate heater, Jno. Lawlor, Brooklynn, and Mary R. Geis, New York, N. Y.
- 47,330 Process of preparing fodder for shipment, Jno. Crown and Antoine Leonidas Hurtubise, Montreal, Que.
- 47,331 Washing machine, D. D. McDougall, Alexandria, Ont.
- 47,332 Hame hook, W. W. Miller, Memphis, Tenn.
- 47,333 Wooden pulley, M. W. Smith, Lynhurst Norwood, London, Eng.
- 47,334 Drip troughs for refrigerators, C. W. Heinrichs, St. Louis, Mo.
- 47,335 Heating stove, James Wilson, St. Louis, Mo.
- 47,336 Broadcast seed sower, Warren E. Pratt, Corruna, Mich.
- 47,337 Dental chair, The Archer Mngf. Co., Rochester, N. Y.
- 47,338 Steam vacuum pump, The Mining and Dredging Power Co., New York, N. Y.
- 47,339 Sash lock, Eliza Alice Abrams, Los Angeles, Cal.
- 47,340 Boot and shoe, John Maw, Alexandria, Oat.
- 47,341 Fire back, J. G. Sheldon, Cleveland, O.
- 47,342 Life saving guard for cars, Edward S. Piper, Toronto, Ont.
- 47,343 Bicycle, A. C. Ferguson, Saratoga Springs, N. Y.
- 47,344 Car coupler, Wm. Dunlay, San Diego, Cal.

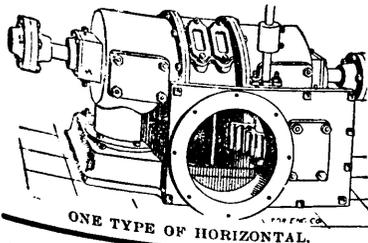


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