

CANADA.—Continued.

Sidney Township. "Chatterton's Self-Acting Bar or Boss Coupler"—Richard D. Chatterton, Cobourg. An improvement on the Regulator for Tug Irons, known as "Barrett's Patent Tugger," the said improvement to be called "Taylor's Improved Tug Iron Regulator"—James Taylor, Blanford Township. A Machine for making Railroad Points, and for Bracing the Heels of the Points with steel, and also the ends of all Railroad Rails—Hugh Baines, Montreal. The application of Compressed Atmospheric Air to the Braking of speed or stopping Railway Trains and Cars (the same being under the immediate control of the Engine-driver), to be called "The Atmospheric Car Brake"—Leon M. Clench and Alexander Niven, St. Mary's, Co. Perth.

Saws.—An improvement in Rip-Saws—D'Arcy Porter, Toronto. An improved Sawing Machine—Henry Fryatt, Aurora Village. A Machine for Deepening and Sharpening the Teeth of Saws—Chas. Taylor, Bonaventure, L.C.

SEWING MACHINES.—Certain improvements in Sewing Machines—D'Arcy Porter, Toronto. A Binder for Sewing Machines—Thomas Rogers, Toronto.

SPINNING WHEELS.—"The Victoria Spinning Wheel"—Wm. James Lucas, London. "Lazier's Domestic Spinner"—John Lazier, Belleville. "Doolittle's Improved Spinning Machine"—Moses C. Doolittle, Malahide Township. "Petit's Shuttle Head Spinning and Quilling Machine"—Miles Pettit, Hallowell Township. A Pendulum Spinning Wheel—Wm. H. Dell, Adelaide Township. A Lever Spinning Wheel—Solomon Dell, Strathroy Village.

STEAM ENGINES AND BOILERS.—"Watrous' Combined Portable and Stationary Engine"—Chas. H. Watrous, Brantford. A Steam-packing for Pistons—David Lister, Toronto. "The McIntosh Portable Steam Boiler"—John McIntosh, Hamilton. An improved Fire-grate and Ash-pan for Locomotive Engines—Richard Eaton, Montreal. A Super-heated Steam Generator—Henry S. Taylor, Stanstead. The Revolving Steam Generator—Jesse Morningstar, Waterloo Village. An improvement in Setting, Placing, or Inserting Tubes in Boilers, for the purpose of Generating Steam—John Edmunds, Smithville Village, Co. Lincoln. An improved Fire-grate for Locomotive and other Furnaces—Richard Eaton, Montreal. A Valve for clearing the Condensed Water from the Cylinders of Steam Engines—Henry Wood, Montreal. An improvement in Locomotives: the first being in that part called "The Safety-valve," and the other in the mode of counter-weighting or balancing that part called the "Sink Motion" or Slide Valve Gear—Wm. Aspley Robinson, Hamilton.

TAPS.—A new and useful Tap—Wm. Moodie, Montreal. Improved Stop-cocks—Chrysanthus Therrin, Montreal. A new Stop-cock—Philip Etches, Bothwell Village.

WASHING MACHINES.—A Washing Machine, called "The Ariston"—Abiel O'Dell, Bowmanville. A Double or Single Action Washing Machine—Thos. Forfar, Scarborough Township. "Saunders' improved Washing Machine"—Wm. Saunders, Pickering Township.

WELLS AND BORING.—A Machine for Operating and Working Bored Wells—Richard Lambert, Quebec. A Method of procuring a Well of Water—Geo. Wilson, Warwick Village. "The Combination Rock Drill"—George Lacey Darling and Samuel Gardiner, Simcoe. Certain improvements in the working mechanism for Drilling Oil Wells and for raising Oil from the same—Alexander Gordon, Hamilton. "The Subterranean Reservoir Well"—Thomas M. Otley, Fort Erie Village. "Higgins' Excelsior Well Pipe"—James M. Higgins, Belleville. A Rock Boring Machine—Peter Sweeney, Windsor. A Bored or Drove Well—George Washington Logan, Sherbrooke Township. An Oil Well and Artesian Drill—Geo. Railton, Bothwell Village. An improvement in the Sinking of Well Tubes—Bela Brewster Brigham, London. An improvement in the Operating of the Walking-Beam for Oil Wells.

MISCELLANEOUS.—A Composition, called Composition Cérât—Jean Baptiste Cérât, Montreal. A Flour Sifter—Richard Smith, Sherbrooke. An Electric Steam Battery—Alex. Forbes Porter, Montreal. A vertical double-acting Millstone and Feeding Gear—John Hall, Leeds Township, L. C. An improvement in feeding meal to the bolting reel in flouring mills—Wm. F. Cochrane, Malahide Township. A Multiplier—John C. Wilson, Oro Township. "Henderson's new Bituminous Coal Burner"—Joseph C. Henderson, Brockville. Improved machinery for producing extract of hemlock, oak, or other bark; and for manufacturing sugar—Henry Wood, Montreal. A Visiting Card Case, called "Lamontagne's improved Case"—François A. Lamontagne, Montreal. "Smith's combined Stave Machine"—Samuel Smith, Guelph. A reversible Forge Rolling Machine for manufacturing all kinds of malleable metals—Hugh Baines, Toronto. A Reading and Writing Frame—Geo. H. Overholt, Grimsby Township. The Axe Rolling and Swaging Machine for making Chopping Axes—Joseph Wm. Robinson, Bridgewater Village. An air-tight Metal Coffin—Mathias Jannard, Montreal. A Turbine Water Wheel—Joseph N. Pitts, Port Dover. A Surcingle—Thos. M. Otley, Fort Erie Village. "Laird's patent Composition for welding and refining steel and iron"—Robt. W. Laird, Stanstead. An improvement in the structure of Bridges and other fabrics, called "The Extended Truss"—Opheus Robinson, Brantford Town. A Side Rudder for vessels—Jas. Geo. Scott, Quebec. A Ventilating Drum—Joseph Nelson Pitts, Port Dover. A revolving Flue Radiator—Levi R. Comstock, Ottawa. A Wood-Lathe Attachment—Jas. Chase, Brooklin Village. A self-acting Drain Stench-prevention Trap—Ira Gould, Montreal. A Trunk Hasp—Edward Perry, Montreal. "Wood's unrivalled Pain-Killer"—Geo. Woods, Ottawa. An Equalizing Spring—Leslie B. Caldwell, Myrtle Village. A Last-block Fastener—Elijah Gibbs, Toronto. "Winter's improved method of manufacturing potash"—Joseph Winter, Aylmer Village, C. W. An Indelible Printing Fluid—Edwin Whitefield, Montreal. A compound named "Salmoni's English White Oil"—Matthew Watrok Heathfield, London. A Dove-tailing Machine, called "Miall's Dove Tailer"—Edward Miall, jr., Oshawa. Certain new and improved means of preventing the bursting of water pipes—Jonathan Wm. Acres, Paris. A Metallic or gutta percha Shoulder cap for fastening the Broom Corn, without winding the same with wire to the handle of the Broom—Henry McStravick, Hamilton. Certain improvements in the preparation and use of Palm Oil—Dalrymple Crawford, Toronto. An improved Motive Power—Jonathan H. Haven, Queenston Village. An improved Cachet or Safety Seal—Wm. R. Hibbard, Montreal. A Cane Mill—Michael Troyer, Houghton Township. A Hydrostatic Blower, to be called "The Aërophos"—Aimé N. N. Aubin, Belœil Township. A Hollow Grate or Furnace Bars—Charles Davis, Wallaceburg Village. An improvement in the construction of Lumber Waggon, designed especially for use in mill and lumber yards, the object of which is to facilitate the discharge of loads—Chester F. Hall, Toronto. A process for the manufacture of Sugar and Syrup from Indian Corn and other cereals, and from amyaceous or saccharine bulbs or roots, and from starch prepared from these or any other sources, to be called "A simple and direct method of manufacturing Sugar and Syrup from Cereals and Roots and Starch"—Wm. Thos. Aikins, Toronto.