

of rotation thereof, by which means the flocks and dirt are constantly removed and prevented from accumulating on the teasels during the time the machine is in operation, thus avoiding the frequent stoppage of the machine for the purpose of cleansing the teasels, as heretofore.

CANADIAN PATENTS.

BUREAU OF AGRICULTURE AND STATISTICS, PATENT DEPARTMENT, *Quebec 14th March, 1863.*

HIS EXCELLENCY THE GOVERNOR GENERAL has been pleased to grant Letters Patent of Invention for a period of FOURTEEN YEARS, from the dates thereof, to the following persons, viz:

ABIMELECH HILLMAN, Cabinet Maker, and NATHAN CAMPBELL, Furniture Dealer, both of the town of Stratford, County of Perth, for an improved Churn, to be called the "Prince Churn."—(Dated 22nd August 1862.)

JOHN ANGELL CULL, assignee of Edward Lefroy Cull, both of the City of Toronto, County of York, Gentleman, for an article styled the "Forest Cultivator,"—(Dated 6th October, 1862.)

HUGH MILLER, of the City of Toronto, county of York, Druggist, for an Illuminating Oil, to be called "Miller's Illuminator,"—(Dated 9th October, 1862.)

DAVID ALLEN ROSE, of the township of Ernestown, county of Lennox and Addington, Mechanic, for "An improvement of a Churn for making Butter,"—(Dated 10th October, 1862.)

CHARLES HENRY WORTMAN, of the township of Camden East, county of Addington, Mill-Wright, for a Force and Suction Pump, called "Wortman's Combined Force and Suction Pump,"—(Dated 17th October, 1862.)

JOHN MCCONNELL, of Cornwall, county of Wentworth, Tinsmith, for "A Shifting Hinge, Joint or Coupling,"—(Dated 17th October, 1862.)

JOSEPH COULTHARD, of the city of Montreal, pattern Maker, for "A Cross Angle Sliding Cog Combination Wheel,"—(Dated 18th October, 1862.)

D'ARCY PORTER, of the city of Toronto, county of York, Machinist, for "A Railroad Car Roof,"—(Dated 23rd October, 1862.)

MICHAEL ROBINSON, of the town of Oakville, county of Halton, Boot and Shoe Manufacturer, for an improved Boot Treering Machine, to be known as "Robinson's Boot Tree,"—(Dated 23rd October 1862.)

CHARLES POWELL, of the township and county of York, Pump Maker, for "An Improved Double Action Swing Force Pump,"—(Dated 24th October, 1862.)

JAMES HILBORN, of the township of Reach, county of Ontario, Mill-Wright, for "A Door, Table and Counter Bell,"—(Dated 24th October, 1862.)

JOHN WILLIAM HENRY SCHNEIDER, of the township of Thorold, county of Welland, Gentleman, for "New and useful improvements on Straw or Hay Cutting Boxes,"—(Dated 24th October, 1862.)

D'ARCY PORTER, of the city of Toronto, county of York, Machinist, for "A Depilating Compound for Skins and Hides,"—(Dated 24th October, 1862.)

D'ARCY PORTER, of the city of Toronto, county of York, Machinist, for "A Wringing Machine,"—(Dated 25th October, 1862.)

THOMAS FRITCHARD, of the village of Aurora, county of York, Tanner, for "A Colouring Machine, to be used in the Tanning of Leather,"—(Dated 27th October, 1862.)

WILLIAM LINTON THOMPSON, of the township and county of Stanstead, Clerk in Holy Orders, for "A new and improved Window and Blind Fastener,"—(Dated 30th October, 1862.)

DAVID RODGERS, of the village of St. Eustache, county of Two Mountains, Trader, for "An Instrument for measuring unknown distances,"—(Dated 30th October, 1862.)

RICHARD LEWIS, of Melbourne, county of Richmond, Carpenter, for "New and improved Hanging Gates,"—(Dated 30th October, 1862.)

HENRY BOOTH, jun., of 77 Victoria Street, Toronto, County of York, Coppermith, for "A Chimney for Coal Oil or other Lamps,"—(Dated 17th November, 1862.)

ELIJAH GLENDILLEN, of the township of North Dorchester, county of Middlesex, Cabinet Maker, for "A Washing Machine,"—(Dated 17th November, 1862.)

THOMAS MORRIS, of the town of Brantford, county of Brant, Blacksmith, for "Morris's Rail Repairing Machine,"—(Dated 25th November, 1862.)

ABIMELECH HILLMAN, of the town of Stratford, county of Perth, Cabinet Maker, for an improved Churn, to be called "Hillman's up and down self-acting rotatory reversible dash Churn,"—(Dated 25th November, 1862.)

EDWARD LOUNSBURY STILLWELL, of the village of Klineburgh, county of York, Cabinet Maker, for "A self-setting Rat Trap,"—(Dated 27th November, 1862.)

NATHAN CAMPBELL, of Stratford, county of Perth, Furniture Dealer, for "Certain improvements on the Prince Churn,"—(Dated 29th November, 1862.)

REVEREND J. LEACH, of Goderich, county of Huron, Clergyman, for "A non-freezing Printing Ink,"—(Dated 1st December, 1862.)

LEWIS PANNABAKER, of the township of Normanby, county of Grey, Farmer, for "A Grain Cradle Finger Adjuster,"—(Dated 1st December, 1862.)

WILLIAM RANDALL, of the township of Uxbridge, county of Ontario, Carpenter, for a new and useful improvement in Saw Mills, called "The Excelsior Saw Mill,"—(Dated 9th December, 1862.)

JOSEPH BRIKLEY, of the township of South Dorchester, county of Elgin, Yeoman, "for a self-acting Hand Loom,"—(Dated 9th December, 1862.)

WILLIAM MILLER, of the township of Markham, county of York, Yeoman, for "An improved geared box Churn,"—(Dated 10th December, 1862.)

EDWARD TRENHOLM, of Trenholmville, in the township of Kingsey, county of Drummond, Farmer and Miller, for a new and improved Apparatus, for cooling Grain, Coal or other articles kept in bulk on Shipboard or in Stores, to be called "Trenholm's Apparatus for Cooling Grain, Coal, &c.,"—(Dated 13th December, 1862.)

RICHARD JONES SHEEROT, of the city of London, county of Middlesex, Carpenter, for "A Clothes Horse for airing and drying Linen or Clothes within doors,"—(Dated 16th December, 1862.)

WARREN MILLAR, of the city of Montreal, Sewing Machine Agent, for "A new and useful loop check in Sewing Machines using a rotating hook,"—(Dated 16th December, 1862.)

PETER ROTHWELL LAMB, of the city of Toronto, county of York, Manufacturer, for a machine to be called "Lamb's Cutting, Flanging, and Embossing Machine,"—(Dated 19th December, 1862.)