

## PATENTS OF INVENTION.

## CANADA.

Patents are granted to resident British subjects for any new and useful art, machine, manufacture, or composition of matter, or any improvement thereon, provided such invention has not been in public use, or for sale with the inventor's consent. They are valid for fourteen years.

To procure a Patent it is necessary for the inventor to petition His Excellency the Governor General, according to a form supplied by the Bureau of Agriculture; also to forward a declaration made before a Justice of the Peace, that he is the inventor; also a specification or description of invention in duplicate, signed in presence of two witnesses, in conformity with Act 12 Vic., cap. 24, amended by 14 and 15 Vic., cap. 79. When drawings accompany the specification, they should be in duplicate, bearing name of the inventor on the top thereof, be marked "Certified to be the drawing referred to in the description and specification hereunto annexed," and be signed by the inventor in the presence of two witnesses. All correspondence and deposit of papers, &c., respecting patents of invention, should be with "The Minister of Agriculture, Ottawa." Patent fee, \$20; Registration of assignment, 20 cents for every folio of 72 words, which includes certificate. Certified copies of documents same rate.

The following is the list of Patents issued between 21st July, 1865, and August 31st, 1866:—

**ALARMS.**—Improved Domestic Fire Alarm—Charles Dion, Montreal. A Self-shooting Burglar Battery, called "Doyle's Self-shooting Burglar Battery"—John Doyle, Swearborg Village. An alarm called "Barnett's Electro-Burglar and Fire Detector"—S. H. Barnett, Montreal.

**AGRICULTURAL.**—A Bag-string or Tie—Wm. Gibson, Granby. A Bag Holder, called "Woodbury's Bag Holder"—Edwin Woodbury, London. A method of Lubricating axles of carriages—Thos. M. Ottley, Fort Erie Village. A Cultivator Tooth—Andrew Kirk, Kincardine Village. A Double Cultivator—Thomas H. Bottomley, Toronto. A Self-Lifting Cultivator—Andrew Kirk, Kincardine. A Drill and Cultivator combined—Brooks W. Walton, Kettleby Village. A Broad-cast Seed Sower and Cultivator—Francis J. Horn, East Whitby Township. The Tension Mower and Reaping Knife Jesse Morningstar, Waterloo Village. Certain improvements in the construction of Grain and Hay Rakes—Richard Fuller, Hamilton. Certain improvements in the manufacturing, building and working of the improved Excelsior Combined Reaping and Mowing Machine—John Watson, Village of Ayr. New and useful improvements in Reaping Machines—Alexander Champion, Stratford. Certain new and useful improvements in Reaping and Mowing Machines—John Watson, Village of Ayr. Certain improvements in the Self-raking Reaper, being embodied in a Machine called "Dick's Harvester"—Joseph Dick, Oshawa. An improved Rotary Harrow—Wm. S. Hall, Stanstead Township. A Rotary Harrow, Archelaus W. Hill, Stanstead Township. "Lazier's improved Barley Fork—James B. Lazier, Reach Township. Tuttle's improved Socket for Hoes, Forks and Spades—Eben B. Tuttle, East Whitby Township. Tuttle's Rolling Mill for rolling out and forming Hoes, Spades, Scythes, Forks, &c.—E. B. Tuttle, E. Whitby. A Potatoe Digger—Alfred J. Lemon, Beverly Township. An implement called "Walmsley's Potatoe Raiser"—John Walmsley, Berlin. The Canadian Potatoe Digger—Richard Sparling, Mosa Township. A machine for making Butter into rolls of any required weight—Daniel F. Horner, Markham Township. "Treffry's Portable Angular Board Fence"—Henry Treffry, Howick Village. Improved Side-gearing for Thrashing Machines—Robert Hill, Barrie. "The Excelsior Field Roller"—Dennis Bartholemew, East Zorra Township. "The Dollar Root Cutter"—Jesse Kinney, Drumbo Village. "The Woodstock Swing Root Cutter"—David Dawson, Blandford Township. A Corn Shelter and Separator—George Pierce, Kingsville Village. Kerr's Improved Separator—James Kerr, Galt. An improved Grain Separator—William West, Peterborough. "The self-regulating Grain Separator"—Jesse Morningstar, Waterloo Village. A self-acting Brake for Carriages—Ephraim D. Card, Haldimand Township. An Axle Nut, or mode of securing wheels to their axles—John Haggert, Brampton Village. A Spring-Jack and Coupling for wheel carriages—Thomas DeWitt, Montreal. An Axle-Sett for carriage wheels, called "McGrigor's Axle-Sett." An improvement in the Tire of carriage wheels; the wheel, with the improvement, being called "The Eureka Wheel." A portable combined Sheep Rack and Shed—Cyrus Kenney, Dereham Township. "The Canadian Flax Puller—Jacob Harrington, East Zorra Township. "Henneberg's Rotary Flax-Puller"—Fred. Henneberg and Menno Bechtel, Washington Village, Co. Oxford. A Spade or instrument for digging post holes—Matthew L. Roberts, Smithville Village, Co. Lincoln. Certain improvements in Shoeing Horses—Thos. H. Ince, Toronto. A Pea Harvester—Henry Collard, Leeds Township. Certain improvements in Drying and Cleaning Grain—Robert T. Sutton, Lindsay. A Pig's Nose Cartilage Divider—Henry Bolton, Eramosa Township. "Heath's Plaster Sower"—Ansley Heath, Townsend Township. A Plough-guide and Holder—James Marr, Woodhouse Township. A Mould-board for plough, called "The Wellington Mouldboard"—Hugh Milloy, Erin Village. A certain improvement in Granaries and Fruit Houses—John Hall, Toronto. A Strap to prevent horses from moving when left alone—Charles Hough, Quebec. "Ward's improved Corn Planter"—Jacob Ward, Morpeth Village. A method of casting the Threads or Screws and the ends of Axles—Thomas Stevenson, Hamilton. A Sap-Feeder—John Prince, Ascot Township. "DeWitt's improvement on the Thimble Skein for Lumber Waggons"—Thomas DeWitt, Morpeth Village.

**BEE HIVES.**—"The Canadian Farmer's Bee Hive"—Thomas Valiquet, St. Hilaire. A new and useful Bee Hive—Alexander Gordon, Hamilton. A new and useful Bee Hive—Albert N. Henry, Oshawa. A new and improved Bee Hive—Cyrus Daniels, Barnston Township.

**BOLTS AND NUTS.**—A machine for moulding and casting the Thread or Screw in Nuts—Thomas Stevenson, Hamilton. An improved Bolt Cutter—Samuel S. Wood, Blenheim Township. "Doty's Nut Tapping Machine"—John Doty, Hamilton. A Latch and Side Bolt for Gaol purposes, and for cell and corridor Gates—Thomas Lalor, Toronto. A double Bolt Rivet and Spike Machine—Lancelot Kirkup, Montreal.

**BRICKS.**—A composition for Furnace Linings and Fire Bricks—Thomas Sterry Hunt, Montreal. A Brick-making Machine—John Steele, Montreal.

**CEMENT.**—A composition of matter for the purpose of Cementing barrels, and rendering them impervious to petroleum, &c., called "The Resistant Gluten Compound"—Otto Rotton, Kingston. A machine for cementing Petroleum Barrels, &c., called "The Centrifugal Barrel Cementer"—Otto Rotton, Kingston. A composition for cementing Barrels, and for preventing leakage of Petroleum,