

PATENTS OF INVENTIONS. DEPARTMENT OF AGRICULTURE, PATENT OFFICE, Ottawa, 1st July, 1893.

His Excellency the Governor General has been pleased to grant Letters Patent of Invention to be in force in the Provinces of Ontario and Quebec, for a period of fourteen years from the date thereof to the persons whose names are included in the following list

Published by command,

J. C. TACHE,

Deput. of the Minister of Agriculture.

No. 3027. Charles James Crooks, of the town of Woodstock, in the county of Oxford, merchant, for a machine for planting corn, to be called or known as The Dominion Corn Planter. Dated Ottawa, 2nd February, 1893.

3031. Charles Turber, of the city of Montreal, in the district of Montreal, Gentleman, for improvements on dressing glass reflectors, to be called Turber's Dressing Glass Reflectors. Dated Ottawa, 24th Feb., 1893.

3033. John Jappell Teller, of the city of Montreal, in the district of Montreal, Gentleman, for improvements on railway car couplings, to be called Teller's Railway Car Coupling. Dated Ottawa, 24th February, 1893.

3035. Waterloo Humphrey, of the Township of Townsend, in the county of Norfolk, Engineer, for improvements on railway car couplings to be called Humphrey's Side Railway Car Coupler. Dated Ottawa, 24th February, 1893.

3037. John Irwin, of the town of Oshawa, in the county of Ontario, Engine Boiler Maker, for the several purposes of warming apartments by means of either hot air, hot water or steam, of making butter and cheese, and of cooking operations, to be called Irwin's Super-heating and Smoke-consuming Furnace, with Churn, Cheese, Vat and steaming attachments. Dated Ottawa, 24th February, 1893.

3037. George Henry Pedlar, of the town of Oshawa, in the county of Ontario, Lineman, for heating air, water and other liquids, to be called Pedlar's Eureka Heater. Dated Ottawa, 24th February, 1893.

3039. George Brooks, of the town of London, in the county of Prince Edward, machinist, for shaving wood into proper curved shavings for lining mattresses and other things, to be called Brooks' Improved Excelsior Machine. Dated Ottawa, 24th February, 1893.

3040. Philip Grant, of the village of Morrison, in the county of Wellington, Machinist, for planting potatoes, to be called Grant's Potato Planter. Dated Ottawa, 24th February, 1893.

3041. Michael White, of the city of Ottawa, in the county of Carleton, Boot-maker, for improvement in the manufacture of boots, to be called White's Improved Walking Boot. Dated Ottawa, 26th February, 1893.

3042. John Cooney, of the township of Emily, in the county of Victoria, yeoman, for improvements in the machine or apparatus commonly called and known as the Horse Power for communicating motive power to machinery. Dated Ottawa, 26th February, 1893.

3043. Charles Jones, of the township of London, in the county of Middlesex, yeoman, assignee of Alexander Anderson, of the city of London, in the county of Middlesex, Machinist, for a Combined Lamp and Ventilator. Dated Ottawa, 26th February, 1893.

3044. George Grant, of the town of Godwin, in the county of Huron, Merchant, for a machine for evaporating salt, to be called Grant's Efficient Salt Evaporator. Dated Ottawa, 2nd March, 1893.

3045. Robert Alfred Ingram, of the city of Hamilton, Soda Water Manufacturer, and George Henry Meakins, of the same place, Machinist, for the manufacture of Soda Water. Dated Ottawa, 4th March, 1893.

3046. Peter John Van Wagner, of the township of Sarnia, in the county of Wentworth, Gentleman, for setting tires, in the cold state, on wheels, and securely locking them, thereby avoiding the liability of the wheels to be burned and otherwise damaged as is the case in the present method of setting tires, in the red hot state thereon. Dated Ottawa, 4th March, 1893.

3047. James Secord Clement, of the township of Niagara, in the county of Lincoln, Yeoman, for improvements in a machine for lifting hay and straw, to be called Clement's Four-prong Horse Hay Fork. Dated Ottawa, 5th March, 1893.

3048. Hugh Young, of the city of Hamilton, in the county of Wentworth, Gasfitter, for an improvement in the construction of oil or tallow cups for lubricating cylinders, to be called Young's Patent Lubricator. Dated Ottawa, 5th March, 1893.

3049. John Dean, of the village of Oshawa, in the county of Ontario, carpenter, for improvements in a churn, to be called Dean's Rotary Concave Dash Churn. Dated Ottawa, 5th March, 1893.

3050. Joseph Johnston, of the town of Lindsay, in the county of Victoria, Painter, for a Noiseless Weather Protector and Adjustable Threshold. Dated Ottawa, 6th March, 1893.

3051. James Bloomer, of the city of Hamilton, in the county of Wentworth, laborer, for a Fuel Economizer and Gas and Smoke Consumer, for Stoves, Furnaces and Ovens. Dated Ottawa, 8th March, 1893.

3052. John Griffith of the village of Port Robinson, in the county of Welland, Cord Walker, for a Combined Reel and Edge-Shave. Dated Ottawa, 9th March, 1893.

3053. Francis Johns, of the town of Sherbrooke, Safety Fuse Manufacturer, for the purpose of fastening a window down or up, to be called John's Patent Lateral Window Lock. Dated Ottawa, 9th March, 1893.

3054. Emmanuel Rokey, of the township of Malahide, in the county of York, Yeoman, for a machine for

ing the counter of ploughs, to be called or known as Rokey's Counter Cleaner. Dated Ottawa, 9th March, 1893.

3055. Robert Mitchell, of the city of Montreal, in the district of Montreal, Brass-founder, for an improvement on a machine for manufacturing cast fuel, to be called Mitchell's Improved Cast Valve. Dated Ottawa, 9th March, 1893.

3056. Charles Graham Chappell Simpson, of the city of Montreal, in the district of Montreal, Mechanical Engineer, and Otto Engblom, of the same place, Gentleman, for improvements on the copying press letters and other things, to be called The Eureka Copying Press. Dated Ottawa, 9th March, 1893.

3057. Joseph Dick, the younger, of the village of Oshawa, in the county of Ontario, Machinist, for improvement in the velocipede, to be called Joseph Dick, Junior, Lightning-Speed Combined Velocipede. Dated Ottawa, 9th March, 1893.

3058. Robert Gerald Reid, of the township of Warrington, in the county of Norfolk, Yeoman, for improvements on the Dominion Washing Machine. Dated Ottawa, 10th March, 1893.

3059. Robert Gerald Reid, of the township of Warrington, in the county of Norfolk, Farmer, for improvements in collars for horses, to be called Reid's Adjustable Horse Collar. Dated Ottawa, 10th March, 1893.

3060. Henry Fryatt, of the village of Aurora, in the county of York, Joiner, for a machine for holding bags while being filled and carrying them when filled, to be called The Improved Bag Holder and Carrier. Dated Ottawa, 10th March, 1893.

3061. Edgar Nan Cleak Graham, of the township of Hallowell, in the county of Prince Edward, carpenter, for improvements in the movable comb frame bee hive, to be called The Movable Stop Frame Bee Hive. Dated Ottawa, 10th March, 1893.

3062. Margaret Duff, of the city of Hamilton, in the county of Wentworth, widow of the late Robert Duff, of Paisly, in the county of Renfrew, Scotland, for a composition of matter for the manufacture of butter, to be known as Duff's Patent Butter. Dated Ottawa, 10th March, 1893.

3063. William Sho to Denison, of the township of Richmond, in the county of Lennox, Cabinetmaker, for the Dominion's Improved Patent Washing Machine. Dated 11th March, 1893.

3064. Watson Walton, of the township of Trafalgar, in the county of Hallowell, Machinist, for Mopping and Cleaning Floors. Dated Ottawa, 11th March, 1893.

3065. George Lloyd of the township of Winchester, in the county of York, Carpenter, for a Washing Machine, to be called Lloyd's Champion Washing Machine. Dated Ottawa, 11th March, 1893.

3066. William Henry Comstock, of the town of Brockville, in the county of Leeds, Gentleman, for Manufacture of Illuminating Gas. Dated Ottawa, 11th March, 1893.

3067. Walter James Touchman, of the city of Toronto, in the county of York, Yeoman, for raising water by means of buckets, and for readily emptying or discharging the same, to be called Touchman's Water Elevator and Self-acting Discharger. Dated Ottawa, 11th March, 1893.

3068. John Foster, of the city of Montreal, in the district of Montreal, Civil Engineer, for improvements on Refrigerators and the apparatus for working the same, for cooling air in public or private apartments. Dated Ottawa, 13th March, 1893.

3069. Peter Spohn Van Wagner, of the township of Sarnia, in the county of Wentworth, for improvements on Whippetree Hooks, to be called Van Wagner's T Whippetree Hook. Dated Ottawa, 15th March, 1893.

3070. Isaac Allen Harris, of the village of Newwood, in the county of Middlesex, Carpenter, for Harris' Champion Churn. Dated Ottawa, 15th March, 1893.

3071. Otto Engblom, of the city of Montreal, in the district of Montreal, for a Furnace and Machinery or Apparatus for the more economically and efficiently raising of steam by the combustion of liquid fuel. Dated Ottawa, 24th March, 1893.

3072. Edsell Tutman, of the city of Hamilton, in the county of Wentworth, Machinist, for a Horse Power, for driving the different kinds of machinery. Dated Ottawa, 25th March, 1893.

3073. Thomas William Emery, of the city of Montreal, in the district of Montreal, Mechanic, for holding brooms when not in use, to be called Emery's Broom Holder. Dated Ottawa, 26th March, 1893.

3074. Hugh Brodie, of the township of Ameliasburgh, in the county of Prince Edward, Yeoman, for a seat used when milking cows, having an attachment for arresting the animal's tail during the operation, to be called Brodie's Milking Stool. Dated Ottawa, 24th March, 1893.

3075. Willoughby Clark, of the city of Montreal, in the district of Montreal, Gentleman, for improvements on easy chairs, to be called Clark's Easy Chairs. Dated Ottawa, 24th March, 1893.

3076. Angus Green Forster, of Streetsville, in the county of Peel, Gentleman, for a machine for the purpose of baking bread, pastries, meats, fowls, fruits and other things, to be called Forster's Portable Oven. Dated Ottawa, 24th March, 1893.

3077. John Slade, of the town of Unitham, in the county of Kent, Shoemaker, for a machine for weaving, to be called the Self-acting Hand Loom. Dated Ottawa, 24th March, 1893.

3078. James Lorimer, of the city of Hamilton, in the county of Wentworth, Merchant, for improvements in the Manufacture of Brooms. Dated Ottawa, 26th March, 1893.

3079. Charles Graham Chappell Simpson, of the city of Montreal, in the district of Montreal, Mechanical Engineer, for improvements on paddle-wheels of steamboats, to be called Simpson's Improved Steamboat Paddle-wheel. Dated Ottawa, 26th March, 1893.

3080. John Hawkins, of the township of Trafalgar, in the county of Hallowell, Blacksmith, for shortening

called Hawkins' Lever Fire Peester. Dated Ottawa, 22nd March, 1893.

3081. Henry Yates, of Brantford, in the county of Brant, Engineer, for strengthening and preserving rails of iron and wood on railways by means of iron or steel shields, the shield to be called Yates' Rail Shield. Dated Ottawa, 22nd March, 1893.

3082. John Benson of the city of Toronto in the county of York, Machinist, for an Improved Letter Press. Dated Ottawa, 22nd March, 1893.

3083. Edward Beck, of the city of Toronto in the county of York, saddler, for improvements in Breast Collars. Dated Ottawa, 3rd of March, 1893.

3084. John Henry Hunt, of the city of Kingston, in the county of Frontenac, Linemith, for improvements in the construction of chimney tops to be called Hunt's Double Cylinder Chimney Tops. Dated Ottawa, 23rd March, 1893.

3085. William G. Russell of the village of Millbrook in the county of Durham, Machinist, and Samuel Russell, of the same place, Machinist, for an improvement in the velocipede, to be called W. & S. Russell's Patent Velocipede. Dated Ottawa, 24th March, 1893.

3086. Hugh Brown, of the township of Ameliasburgh, in the county of Prince Edward, Yeoman, for attachment to the stand or table, on which grindstones are mounted, for holding implements to the stone while being ground. Dated Ottawa, 24th March, 1893.

3087. Abraham Eddy Otway Page, of the village of Point Abino, in the county of Welland, Gentleman, for improvements in plough coulters and attachments thereto. Dated Ottawa, 24th March, 1893.

3088. Thomas Adam, of the city of Montreal in the district of Montreal, Engineer, for improvements on side valves, pistons and glands, to be called improvements applicable to side valves, pistons and glands. Dated Ottawa, 10th March, 1893.

3089. Matthew Thomas Wyatt, of the city of Quebec, machinist and millwright, for a floating vessel or buoy with machinery for its propulsion and for sawing and manufacturing lumber, to be called the combined floating saw-mill and manufactory. Dated Ottawa, 24th March, 1893.

3090. Henry Baker, of the city of Hamilton, in the county of Wentworth, wine merchant, for improvements in peat or tart butting machines, to be called Baker's peat and tart butting machines. Dated Ottawa, 24th March, 1893.

3091. Mary Bowman, of the city of Montreal, executrix of the late William Edward Bowman, for a composition of matter forming a medicinal compound called Mary Bowman's Essence of Wales Eyrup. Dated Ottawa, 15th March, 1893.

3092. George Clark, of the city of Toronto, in the county of York, millwright, for a machine for drying grain. Dated Ottawa, 24th March, 1893.

3093. William Buck, of the township of Otonabee in the county of Peterborough, Yeoman, for a machine to be attached to ploughs for the removing of stubble weeds and other substances when accumulated by the coulters and straws, to be called Buck's plough cleaner. Dated Ottawa, 24th March, 1893.

3094. John Irwin, of the village of Oshawa, in the county of Ontario, engine boiler maker, for a machine for condensing the waste steam from engines for the re-supply of boilers and for heating and purifying water, otherwise obtained before admitting it into the boilers. Dated Ottawa, 24th March, 1893.

3095. Clinton Love, of the town of Strathroy, in the county of Middlesex, brick-maker, for a machine for making bricks, to be called the common sense brick machine. Dated Ottawa, 24th March, 1893.

3096. William Lowmyer, of Yorkville in the county of York, brick-maker, for an improved brick making machine. Dated Ottawa, 24th March, 1893.

3097. John Heudie Flett, of the township of Beach, in the county of Ontario, blacksmith, for a machine for shoeing horses, and for veterinary purposes, to be called Flett's shoeing and veterinary stocks. Dated Ottawa, 24th March, 1893.

3098. Marcus Leut, of the township of Hamilton, in the county of Northumberland, yeoman, for a composition of matter for covering roofs of buildings or any surface whatever and for other purposes. Dated Ottawa, 24th March, 1893.

3099. William Henry Forrester, of the village of Cannifton, in the county of Hastings, labourer, for a clothes and fruit dryer. Dated Ottawa, 24th March, 1893.

3100. Richardson Mulholland, of the township of Elnice, in the county of Perth, miller, for improvements in gates for admitting water from the pond or sluice for mill or other purposes, to be called the sliding gate for central discharge. Dated Ottawa, 24th March, 1893.

3101. William Shonin, of the village of Ailsa Craig, in the county of Middlesex, cabinet maker, for a combined farmer's cheese press. Dated Ottawa, March 31st, 1893.

3102. William Charles Erskine, of the village of Engleby, in the county of Grey, gentleman, for a railway ticket holder. Dated Ottawa, 30th March, 1893.

3103. William Charles Chitty Erskine, of the village of Engleby, in the county of Grey, gentleman, for a machine for holding open the lid or cover of any kind of box or trunk, to be called Erskine's lid. Dated Ottawa, 30th March, 1893.

3104. Joseph Twiddle, of the village of Equeusburg, in the county of Hallowell, carpenter, for a churn called the cottage swing churn. Dated Ottawa, 30th March, 1893.

3105. Henry Fitzwilliam Belew, of the city of Quebec, hardware merchant, for improvement on rail car brakes, to be called the Aitchman-railway brake. Dated Ottawa, 30th March, 1893.

3106. Don-an McEachern, of the city of Montreal, in the district of Montreal, veterinary surgeon, for a veterinary bit for the more easy and efficient administering medicine to horses and other animals, to be called McEachern's veterinary bit. Dated Ottawa, 30th March, 1893.