

|  |         |
|--|---------|
| Heaters, radiator for steam, G. W. Blake.....        | 156,974 |
| Hide working machine, E. Fitzhenry.....              | 156,991 |
| Hee, W. M. Faunt Le Roy.....                         | 156,981 |
| Hydrant, J. V. Weit.....                             | 156,964 |
| Indicator, station, J. L. Baker.....                 | 156,989 |
| Inkstand, S. Darling.....                            | 156,840 |
| Inkstand, S. Walker.....                             | 156,982 |
| Jack, lifting, Dungan & Horner (r).....              | 6,194   |
| Jack, lifting, F. C. Vibret.....                     | 156,962 |
| Kaleidoscope stand, C. G. Bush.....                  | 156,875 |
| Knitting machine, F. Philip.....                     | 156,855 |
| Knitting machine presser, B. Ward.....               | 157,045 |
| Knob spindle fastener, E. F. Lincoln.....            | 156,982 |
| Lamp pedestals, glass, J. Brice.....                 | 156,976 |
| Lamp, street, Jacobsen & Burger.....                 | 157,007 |
| Leather, artificial, J. Karcheski.....               | 156,886 |
| Letter box, M. P. Nichols.....                       | 157,023 |
| Lock, permutation, C. P. Bliss.....                  | 156,906 |
| Loom shuttle guard, Pickles & Pickup.....            | 156,943 |
| Lubricator, F. I. Palmer.....                        | 157,025 |
| Metal working machine, G. L. Jones.....              | 156,929 |
| Milk safe, J. P. Switzer.....                        | 157,037 |
| Milk, treating condensed, N. L. Bishop.....          | 156,978 |
| Mill, fruit grinding, T. J. and G. M. Clark.....     | 156,988 |
| Mill, quartz, S. H. Cowles.....                      | 156,985 |
| Millstones, tram staff for truing, S. Taylor.....    | 156,895 |
| Molds, blackwashing, J. W. Harrison.....             | 156,999 |
| Motor, electro-magnetic, C. J. B. Gaume.....         | 156,920 |
| Motor, magnetic, G. M. Phelps.....                   | 156,942 |
| Nail assorting machine, H. G. Thompson.....          | 156,938 |
| Nut bars, rolling blanks for, G. Johnson.....        | 156,928 |
| Oil, apparatus for refining, R. D. Turner.....       | 156,899 |
| Oil vessels, tap for, M. Andrew (r).....             | 6,141   |
| Oil cloth, rubbing, Rommel & Crane.....              | 156,947 |
| Omnibus, J. B. White.....                            | 157,048 |
| Ordnance elevating screw, N. Ward.....               | 157,022 |
| Ordnance, restraining recoil of, N. Ward.....        | 157,053 |
| Organ, reed, T. Stoddard.....                        | 156,957 |
| Overseer, rubber, Meyer & Evans (r).....             | 7,138   |
| Oyster salver, A. Baker.....                         | 156,985 |
| Packing, piston, P. W. Richards.....                 | 156,859 |
| Pan, dust, E. Kramm.....                             | 157,009 |
| Pantaloons former, E. B. Viets.....                  | 156,900 |
| Paper-folding machine, C. Chambers, Jr.....          | 156,982 |
| Paper pulp strainer, G. Gavitt.....                  | 156,895 |
| Pegging machine peg box, G. H. Davis.....            | 156,918 |
| Pipe, fountain jet, H. H. Burton.....                | 156,979 |
| Planter, check row, J. M. Banker.....                | 156,870 |
| Plow, C. H. Baltzer.....                             | 156,896 |
| Plow, A. Irlinger.....                               | 157,006 |
| Plow, S. D. Wright.....                              | 157,057 |
| Plow wheel, J. B. Herman.....                        | 156,924 |
| Pocket book, banker's, J. Redifson.....              | 156,891 |
| Pocket books, etc., clasp for, F. Helles.....        | 157,001 |
| Press, meat and vegetable, E. Wright.....            | 156,866 |
| Projectile, sub-caliber, N. Ward.....                | 157,049 |
| Pump, Dale & Myers.....                              | 156,839 |
| Pump, oscillating, J. Smith.....                     | 157,033 |
| Pumps, fastening linings in wood, M. Woodhull.....   | 156,901 |
| Pump piston valve, C. Burleigh.....                  | 156,873 |
| Pump rubber valve, G. M. Wienman.....                | 157,046 |
| Purifier, middlings, J. Beall.....                   | 156,970 |
| Radiator, treplace, C. Comstock.....                 | 156,912 |
| Radiator, heat, O. Marrin.....                       | 156,934 |
| Railway gate, G. W. La Baw.....                      | 156,888 |
| Rake, horse hay, B. D. Tabor.....                    | 157,083 |
| Refrigerator, J. K. Mills.....                       | 157,019 |
| Register, fare, E. P. & H. H. Loveman.....           | 157,013 |
| Roof plate, illuminating, W. L. Smith, Jr.....       | 156,954 |
| Sash balance, N. J. Skaggs.....                      | 156,952 |
| Sash fastener, C. P. Sandford.....                   | 156,950 |
| Sash fastener, Ruscoe & Brotherton.....              | 156,860 |
| Saw blank, Abel & Pedder.....                        | 156,964 |
| Saw filing bench, L. W. Pond.....                    | 156,856 |
| Saw gage, E. C. Atkins.....                          | 156,967 |
| Saw grinding machine, H. Disston.....                | 156,989 |
| Saw mill head block, Pond & McDonough.....           | 156,857 |
| Saw mill head block, P. H. Wait.....                 | 157,043 |
| Screw machine, metal, F. H. Brown.....               | 157,837 |
| Seeding machine, Marlay & Weusthoff.....             | 157,015 |
| Sewing machine, C. H. Mason.....                     | 157,017 |
| Sewing attachment holder, C. H. Waterhouse.....      | 156,863 |
| Sewing machine braider, Rickart, Dexter, & Lane..... | 156,892 |
| Sewing machine shuttle, L. Mangus.....               | 156,933 |
| Sewing machine trimmer, W. A. Springer (r).....      | 6,142   |
| Shirt, R. Cluett.....                                | 156,880 |
| Shoe, gum, D. P. Dieterich.....                      | 156,841 |
| Shoe nails, making, J. L. Buxton.....                | 156,909 |
| Shoe uppers, fitting, W. J. B. Mills.....            | 156,935 |
| Shot pouch sling, W. W. Kollock.....                 | 156,930 |
| Spikes and nails, heading, T. Wood.....              | 156,865 |
| Steak tenderer, D. J. Shultz.....                    | 156,951 |
| Stench traps, mold for, H. & W. Sutcliffe.....       | 156,958 |
| Still, alcohol, D. G. Rush.....                      | 156,949 |
| Stockings, knitting, Burson & Nelson.....            | 156,883 |
| Stone-cutting tool, H. Cottrell.....                 | 156,914 |
| Stove, Marvin & Vose.....                            | 157,016 |
| Stove, cooking, G. N. Palmer (r).....                | 6,139   |
| Stove, magazine, E. Bussey.....                      | 156,981 |
| Stove, railroad car, R. F. Rankin.....               | 156,944 |
| Suspenders, I. E. Newton.....                        | 156,939 |
| Switch, C. P. Deyoe.....                             | 156,968 |
| Telegraph apparatus, electric, W. Thomson.....       | 156,897 |
| Telegraph, duplex chemical, T. A. Edison.....        | 156,843 |
| Telegraph wires, clamp for, G. A. Beach.....         | 156,969 |
| Thill coupling, C. A. Green.....                     | 156,896 |
| Thrashing machine, Nichols & Anderson.....           | 156,940 |
| Toy, soap bubble, W. A. Harwood.....                 | 156,923 |
| Urinal, H. H. Burton.....                            | 156,980 |
| Valve, lock-up safety, N. Ward.....                  | 157,050 |
| Valve slide, C. Rogers.....                          | 157,027 |
| Vehicle wheel, T. T. Furlong.....                    | 156,992 |
| Vehicle wheel, H. C. Terrell.....                    | 157,028 |
| Vehicle wheel, J. V. Woolsey.....                    | 157,055 |
| Vehicle wheel hub, S. E. Shute, Jr.....              | 156,893 |
| Vehicle wheel hub, Smith & Cox.....                  | 156,953 |
| Vote-counting apparatus, Boner & Fleming.....        | 156,975 |
| Wagon bodies, holding jack for, W. R. Crane.....     | 156,916 |
| Wagon seat, spring, G. H. Spencer.....               | 156,861 |
| Washing machine, R. H. Boyd.....                     | 156,872 |
| Watch dust cap, O. F. Stedman.....                   | 156,894 |
| Watch regulator, Moseley & Hunter.....               | 157,021 |
| Water closet, J. Burns.....                          | 156,978 |
| Water closet, W. S. Cooper.....                      | 156,882 |
| Water cock, A. D. Davis.....                         | 156,967 |
| Water meter, D. C. Taylor.....                       | 156,960 |
| Water wheel governor, E. Wright.....                 | 156,867 |
| Whiffletree tug fastener, J. L. Graft.....           | 156,921 |
| Window frame, cellular, J. E. Gaylord.....           | 156,998 |

### CANADIAN PATENTS.

LIST OF PATENTS GRANTED IN CANADA, NOVEMBER 18 to 25, 1874.

4,071.—S. H. Finch, New York City, U. S. Improvement in railroad switches, called "Finch's Railroad Switch." Nov. 19, 1874.

4,072.—E. Beard, Chicago, Ill., U. S. Improvement on a machine for nailing boxes, called "Beard's American Box Nailer." Nov. 19, 1874.

4,073.—R. M. Evans, Buffalo, Erie county, N. Y., U. S. Improvements on the consecutive number printer, called "Evans' Number Printer." Nov. 19, 1874.

4,074.—J. F. Collins and J. W. Cumming, Montreal, P. Q. Improvements in the process of separating animal from vegetable matter, called "Collins' Patent Process for Separation of Animal from Vegetable Matter." Nov. 19, 1874.

4,075.—E. T. Ducharme, Montreal, P. Q. Improvements on automatic oil cans, called "Ducharme's Automatic Oil Can." Nov. 19, 1874.

4,076.—F. Proudfoot, Toronto, Ont. Improvements on stovepipe drums, called "Proudfoot's Heating Drum." Nov. 19, 1874.

4,077.—C. P. Chisholm, Oakville, Halton county, Ont. Useful plant box, called "Chisholm's Improved Plant Box." Nov. 19, 1874.

4,078.—S. P. Littlefield, Lynn, Mass., U. S. Useful way meter for railway carriages, called "Littlefield's Railway Carriage Meter." Nov. 20, 1874.

4,079.—E. Leonard, London, Ont. Improvements in stills and on process of distilling petroleum and other fluids, called "Leonard's Perpetual Still." Nov. 20, 1874.

4,080.—G. S. Bruce, Cincinnati, O., U. S. A coal box, called "Bruce's Improved Coal Vase or Box." Nov. 20, 1874.

4,081.—R. T. Booth, Trumansburgh, Tompkins county, N. Y., U. S. Improvements on automatic gas light extinguishers, called "Booth's Automatic Gas Light Extinguisher." Nov. 20, 1874.

4,082.—A. Eames, Bridgeport, Fairfield county, Conn., U. S. Improvements on machines for molding patterns, called "Eames' Molding Machine." Nov. 5, 1874.

4,083.—L. Prentice, Montreal, P. Q. Improvements on cigar molds, called "The Dominion Cigar Mold." Nov. 25, 1874.

4,084.—J. Higginbotham, Toronto, Ont. Improvements on a machine for washing, called "The Eclipse Washing Machine." Nov. 25, 1874.

4,085.—N. W. Simons, Ashtabula, Ashtabula county, O., U. S. Improvements on harness holdbacks, called "Simons' Improved Harness Holdback." Nov. 25, 1874.

4,086.—E. Horton, Hartford, Hartford county, Conn., U. S. Improvements on machines for reaping and binding grain, called "Horton's Reaper and Binder." Nov. 25, 1874.

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