



# INVENTIONS.



This department of THE CANADIAN MANUFACTURER is devoted to the interests of inventors, of patentees of inventions, and of manufacturers of patented articles. Patents are granted in Canada for fifteen years, the Government fee for which may be paid by instalments. Arrangements have been made by which the issue of all patents by the Canadian Patent Office and all renewals and extensions thereof will be promptly noticed in this department, and a brief description thereof given. Enquiries on these subjects are invited and will receive prompt attention. No charge will be made for answers by mail when return postage is sent. Information given free regarding patent laws and the obtaining of patents in Canada, United States, Great Britain and all foreign countries. Claims for inventions, as embodied in Letters Patent, also the illustrations of them, will be inserted in this journal at moderate charges. The attention of manufacturers is specially directed to the opportunities for lucrative business which may be acquired by close observation of whatever may appear in this department.

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## CANADIAN PATENTS.

The following patents have been issued from the Canadian Patent Office from April 1 to 18, 1892, inclusive.

Information in regard to any of these patents may be had free on application to THE CANADIAN MANUFACTURER, or copies of American patents corresponding to these, where the American patent has been previously granted, can be procured through us for the sum of twenty-five cents.

### MECHANICAL PATENTS.

- 38,604 Clothes washer, A. and M. L. Rousseau, April 1st.
- 38,605 Monkey wrench, A. E. Gundlack and W. B. Poulton, April 1st.
- 38,606 Steam radiator attachment, J. E. Woodworth, April 1st.
- 38,607 Return bend for steam radiator, J. E. Woodworth, April 1st.
- 38,610 Grain cleaning machine, H. M. Wadleigh, April 4th.
- 38,611 Mop wringer, G. C. Morrill *et al*, April 4th.
- 38,612 Harness tug, J. W. Roberts, April 4th.
- 38,613 Nut lock, B. F. Gram and W. Bard, April 4th.
- 38,614 Lamp kettle, W. H. Holden, April 4th.
- 38,615 Governor for steam engine, G. Fussell, jr., April 4th.
- 38,616 Valve and valve chest for steam engines, G. Fussell, jr., April 4th.
- 38,617 Artificial stone, C. A. Stark, April 4th.
- 38,618 Tea chest, P. Buford, April 4th.
- 38,619 Reamer, J. M. Chesnut, April 4th.
- 38,620 Device for removing debris from cisterns, G. D. Wilson, April 4th.
- 38,621 Bridge, R. Boyle, April 4th.
- 38,622 Automatic registering photographic apparatus, E. E. Moore, April 4th.
- 38,623 Corset, R. W. Parramore, April 4th.
- 38,624 Water trough for horses and cattle, Wm. Fraser, April 4th.
- 38,627 Automatic car coupler, J. H. Coleman, April 4th.
- 38,628 Veneer and board cutting machine, G. A. Oncken, April 4th.
- 38,629 Composition for washing clothing, cotton and woolen, F. H. Nice, April 4th.
- 38,631 Fruit and egg filler and carrier, L. H. Page and E. E. Fini, April 4th.
- 38,632 Axe, M. Leduc and T. McKelvey, April 4th.
- 38,633 Tracing circular bodies, J. N. Barr, April 4th.
- 38,634 Brake-beam, W. A. Pungs, April 4th.
- 38,635 Bag filler, T. Craney, April 4th.
- 38,636 Sap spout, J. W. Currier, April 5th.
- 38,637 Vehicle seat, J. P. Huber, April 5th.
- 38,938 Excelsior machine, M. S. Minor, April 5th.
- 38,639 Station indicator for railway car, S. Soly, April 5th.
- 38,640 Pitman connection for reciprocating motion, D. S. Henderson, April 5th.
- 38,641 Fire escape, H. Schwannecke, April 5th.
- 38,642 Portable wooden booth, C. F. Hodsdon, April 5th.

- 38,643 Hot air furnace, D. S. Richardson, April 5th.
- 38,644 Elevated railway, H. K. Wicksteed, April 5th.
- 38,645 Cow-bag protector, H. W. Chase, April 5th.
- 38,646 Draft regulator, I. F. and F. C. Beers, April 5th.
- 38,647 Medicinal plaster, J. H. Osgood, April 5th.
- 38,648 Door latch, C. Gagnon and L. Lefebvre, April 5th.
- 38,649 Wheel for the propulsion of vessels, T. Dunlop, April 5th.
- 38,650 Shoe fastening, C. A. Harvey, April 5th.
- 38,651 Diaphragm die for plastic molding, J. H. Mitchell, April 5th.
- 38,652 Door and window screen, C. J. Shirreff, April 6th.
- 38,653 Railway car construction, F. L. Jay, April 6th.
- 38,654 Method of bushing key-board mortise, A. Newell, April 6th.
- 38,655 Buggy top, D. Conboy, April 6th.
- 38,656 Fertilizer distributor attachment, J. M. Robinson, April 6th.
- 38,657 Anti-friction alloy, C. B. Miller, April 6th.
- 38,658 Journal boxes for steam engines, Wm. Fussell, April 6th.
- 38,659 Engine and machinery stop, J. Nesbitt and J. J. Coulter, April 6th.
- 38,660 Manufacture of barrels and craks and in apparatus used therein, G. A. Oncken, April 6th.
- 38,664 Endless travelling conveyer, J. H. Gaither and W. L. Hammond, April 6th.
- 38,665 Drive chain, S. L. and M. L. Vinson, April 6th.
- 38,666 Railway frog, C. N. Boyd, April 6th.
- 38,667 Straw separator for threshing machine, J. E. Cook and E. Vradenburg, April 6th.
- 38,668 Bath tub, G. Booth, April 7th.
- 38,670 Shaping plastic and similar materials, Pneumatic Press Company, April 7th.
- 38,671 Letter file, C. F. Lomb, April 8th.
- 38,672 Propelling and steering boats, J. W. Williams, April 8th.
- 38,673 Ferrules, which serve as labels for whips, box bodies, and the like, April 8th.
- 38,674 Salt grainer, T. Crancy, April 8th.
- 38,675 Car wheel, J. R. Davies, April 8th.
- 38,676 Machine for perforating dates and amount upon documents or checks, A. R. Abbott, April 8th.
- 38,678 Cash register, C. J. Pasmore, April 8th.
- 38,680 Car wheel, J. R. Davies, April 8th.
- 38,681 Valves for percussive rock drills, direct acting pumps and engines, A. W. and Z. W. Dow, April 8th.
- 38,682 Household utensils, H. H. Barry and W. James, April 8th.
- 38,683 Air disinfecting and deodorizing apparatus, A. C. Haven, April 9th.
- 38,684 Violin, J. A. Close, April 9th.
- 38,685 Spoon bait, G. M. Skinner, April 9th.
- 38,686 Frying pan, E. L. T. Robertson, April 9th.
- 38,687 Letter and bill file, W. O. Gottwals, April 9th.
- 38,688 Water and other like closets or articles, A. G. Chadbourne, April 9th.
- 38,689 Drench horn, F. Fisher and J. D. Taylor, April 9th.
- 38,690 Nut lock, J. C. Nichol, April 9th.
- 38,691 Velocipede, D. I. Lybo, April 9th.
- 38,692 Rubber stamp, T. S. Buck, April 9th.

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