

* 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.

CANADIAN PATENTS.

The following patents have been issued from the Canadian Patent Office from March 1 to 15, 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.

- 38,377 Up and down draft brick kilns, John T. Cullens *et al*, March 1st.
- 38,378 Holders for air brake hose, Beery Valve Company, March 1st.
- 38,379 Typograph, John R. Rogers, March 3rd.
- 38,380 Car coupler, Nicholas Sedore, March 3rd.
- 38,382 Applying celluloid to key-boards, Augustus Newell, March 3rd.
- 38,383 Veneering press, Augustus Newell, March 3rd.
- 38,384 Lining of boilers or digesters used in the manufacture of paper pulp and other similar purposes, Carl Kellner, March 3rd.
- 38,385 Carriage gear, Joseph J. Kinsman, March 3rd.
- 38,386 Car brake, Anthony B. Pool and Joseph J. Beals, March 3rd.
- 38,387 Cattle-guard, Kennett W. Blackwell and George D. Smith, March 3rd.
- 38,388 Centrifugal steam injector, Martin R. Ruble, March 3rd.
- 38,389 Car-coupler, James H. Brown, March 3rd.
- 38,390 Nail making machine, Louis Goddu, March 3rd.
- 38,391 Car-coupler, Hans B. Ledel, March 3rd.
- 38,392 Hot water bag for use of the sick, Albert A. Hesser, March 3rd.
- 38,393 Cloth finishing machine, William Heddon, March 3rd.
- 38,394 Milk cooler and aerator, Henry Fowell, March 3rd.
- 38,396 Hemp brake and cleaner, John D. and John H. Shelby, March 3rd.
- 38,398 Closet seat protector, Thomas A. Swann, March 3rd.
- 38,399 Apparatus for playing duplicate whist, Cassius M. Paine and James L. Sebring, March 3rd.
- 38,400 Steam engine, Rainsford W. Basom, March 4th.
- 38,401 Thill coupling, Archibald Paul, March 4th.
- 38,402 Nut lock, Joseph Broadly, March 4th.
- 38,403 Flour bolt, Charles A. Schied, March 4th.
- 38,404 Queen cell protector and Queen cage, Noah D. West, March 4th.
- 38,405 Varnish and similar bottle, Thomas G. Watson, March 4th.
- 38,406 Car-coupler, C. H. Shuttleworth and Frank F. Hoyer, March 4th.
- 38,408 Ammonia engine and apparatus connected therewith, Joseph H. Campbell, March 5th.
- 38,409 Fanning-mill, Ninian M. Newkirk, March 5th.
- 38,410 Rotary engine, Garden C. Hollar, March 5th.
- 38,411 Roweling mold for glassware, Asa G. Neville and William H. Mencham, March 5th.
- 38,412 Concrete stone gully, Ebenezer North, March 7th.

- 38,413 Loom for weaving cane or other material, Archibald Hay, March 7th.
- 38,414 Turpentine and means for producing same, Thomas Drake, March 7th.
- 38,415 Construction of tea-chest lining and cover, August Schilling, March 7th.
- 38,416 Gas engine, Henry T. Dawson, March 7th.
- 38,417 Lint package, James W. Johnson, March 7th.
- 38,418 Pulsating steam pump, William P. Theermann and John B. Foxwell, March 7th.
- 38,419 Grate bar, Improved Zigzag Grate Bar Company and Wm. James, March 7th.
- 38,420 Bath-tub, Kallmann Glass and Ignatz H. Rosenfeld, March 7th.
- 38,422 System for operating railroad signals, The Scarr Railway Signal Company (Ltd.), March 7th.
- 38,423 Machine for cutting soles and other forms, Allison M. Stickney, March 7th.
- 38,424 Can, Wm. Pratt, March 7th.
- 38,427 Making moulds for casting, Stephen Alley and John A. MacLellan, March 7th.
- 38,428 Fruit jar, Petaluma Fruit Packing Company, March 7th.
- 38,429 Derrick, Foster Milliken, March 7th.
- 38,430 Automatic coupler for railway coaches, trucks, wagons and like vehicles, American Mechanical Construction Company, March 8th.
- 38,431 Weighing apparatus for vehicle, Wanamaker International Car Scale Company, March 8th.
- 38,433 Spring gear for vehicle, George E. Bartholomew, March 8th.
- 38,434 Railway switch, Axel A. Strom, March 8th.
- 38,435 Flood gate, Joshua Shellabarger *et al*, March 8th.
- 38,436 Butter worker, Fred C. Whiting, March 9th.
- 38,438 Rectal and vaginal syringe, H. G. Leiseuring, March 8th.
- 38,439 Clamp for stationary basin, J. J. Odonnell, March 8th.
- 38,440 Grinding and crushing mill, H. W. Fleury, March 8th.
- 38,441 Transposing piano action for overstrung piano scales, C. G. George, March 8th.
- 38,443 Appliance for closing mouths of bottles and jars, E. Hirsche and Franz Gerike, March 9th.
- 38,444 Station indicator, I. U. and S. Soly, March 9th.
- 38,445 Manufacture of the bars and connecting rods for railroads, A. A. Strom, March 9th.
- 38,446 Combined tie bar and slide plate for railroad track, A. A. Strom, March 9th.
- 38,447 Type-writing machine for the blind, E. Sthresley, March 9th.
- 38,448 Method of loading brick from machine, Edward New, March 9th.
- 38,449 Stove-pipe damper, J. B. Cook, March 9th.
- 38,450 Barrel for liquids, R. P. Blake, March 9th.
- 38,452 Demijohn holder, E. W. H. Holme, March 9th.
- 38,453 Wire cleat, R. Gorton, March 9th.
- 38,454 Hotel register, J. Murray, March 9th.
- 38,456 Valve, J. King, March 10th.
- 38,457 Valve operating mechanism for tanks, J. King, March 10th.
- 38,459 Attachment for raising or lowering any article of furniture, J. D. Raymond *et al*, March 10th.