

# Inventions.

## CANADIAN PATENTS.

The following patents have been issued from the Canadian Patent Office, from October 2 to October 14, 1893, 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.

- 44,370 Manufacturing glass central draft lamps, J. Proeger, October 2nd.
- 44,371 Wood barking machine, The Hadley & McDonald Machine Company, October 2nd.
- 44,372 Carving and engraving wood and other materials, T. Ryland and E. Bird, October 2nd.
- 44,373 Heating metal rods, bars or wires in machinery for making nails, screws, key blanks, file blanks, etc., Siemens Brothers & Co. (Ltd.), October 2nd.
- 44,374 Chalk sharpening implement, G. Hay, October 3rd.
- 44,375 Lawn mower, H. L. Freeman & B. Shennell, October 3rd.
- 44,376 Self-threading shuttle for looms, J. H. Nason & H. M. Hewes, October 3rd.
- 44,377 Street rail cleaning brush, J. A. Gowans, October 3rd.
- 44,382 Process for making Portland cement, H. Froehling, October 4th.
- 44,383 Hat, coat and umbrella rack, E. W. Trout, October 4th.
- 44,384 Welt-making machine, Z. T. French & W. C. Meyer, October 4th.
- 44,385 Forming collars, A. W. Cummings, October 4th.
- 44,386 Channelling machine, Z. T. French & W. C. Meyer, October 4th.
- 44,387 Grain crusher, J. Irving, October 4th.
- 44,388 Trap for horn flies, R. H. Guthrie, October 4th.
- 44,390 Harrow and cultivator, T. J. Hubbell, October 4th.
- 44,391 Moccasin attachment, J. R. Russell, October 4th.
- 44,392 Hanging moldings, N. Hoffend, October 4th.
- 44,393 Construction of the hulls of vessels, P. O'Brien, October 4th.

## FETHERSTONHAUGH & CO.

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and Draughtsmen*

## PATENTS

**Procured in Canada and all  
Foreign Countries**

Counsel Work Undertaken in Patent Causes.  
Patent Suits Prosecuted before the Courts.  
Validity and Infringements of Patents Investigated.  
Searches made. Assignments and Agreements  
Drawn. Advice on Patent Laws, etc.

**Head Office, Canadian Bank of Commerce Bldg., Toronto**  
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CABLE ADDRESS "INVENTION, TORONTO."

- 44,394 Cloth cutting machine, J. Wolf, Jr., & J. Block, October 4th.
- 44,395 Mowing machine, S. L. McCulloch, October 4th.
- 44,396 Life-saving guard for street cars, W. T. Lacon, October 4th.
- 44,397 Tanning machine, J. H. Chartier & L. S. Durand, October 4th.
- 44,398 Hoisting apparatus, M. H. Gilmore et al., October 4th.
- 44,399 Lamp-filling oil can, J. Geary, October 5th.
- 44,402 Steam radiator, E. E. Gold, October 5th.
- 44,403 Can heading machine, M. A. Wheaton, October 5th.
- 44,404 Beer tap and pump, N. Hardoin, October 5th.
- 44,405 Burial apparatus, M. C. Scherer, October 5th.
- 44,406 Shoe sewing machine, F. J. Freese, October 5th.
- 44,407 Refrigerator, G. Fee, October 5th.
- 44,408 Rolling blanks for making socket shovels, spades, scoops, etc., J. McMurchy, October 5th.
- 44,410 Mode of preventing surface ice stopping water wheel shafts, W. Faint, October 5th.
- 44,412 Paper pulp manufacture, H. J. Bird, October 6th.
- 44,413 Vehicle jack, J. Kinghorn and W. McGlashan, October 6th.
- 44,414 Fly paper, J. H. Smith, October 6th.
- 44,415 Cyclone cave, O. O. Walker, October 6th.
- 44,416 Manufacture of blocks or briquettes of fuel, T. W. Lee, October 6th.
- 44,417 Foot ball game, T. Knight, October 7th.
- 44,418 Shirt, F. J. Goodwin, October 7th.
- 44,419 Furnace, I. D. Smead, October 7th.
- 44,420 Faucet and vent hings and bushings, D. Beebe, October 7th.
- 44,421 Bicycle tire, O. L. Wullweher and F. E. Augustin, October 7th.
- 44,422 Sack case for packing machine, Nordyke & Marmion Co., October 7th.
- 44,423 Necktie, S. S. Milne, October 9th.
- 44,424 Shoe sole channelling machine, The Goodyear Shoe Machinery Co., of Canada, October 9th.
- 44,425 Shoe sole channelling machine, The Goodyear Shoe Machinery Co. of Canada, October 9th.
- 44,426 Sole trimming machine, The Goodyear Shoe Machinery Co. of Canada, October 9th.
- 44,427 Measuring vessels, A. H. Cell et al, October 9th.
- 44,428 Stand for window shutters, F. Harris and W. Douglas, October 9th.
- 44,429 Balanced slide valves for steam engines, American Balance Slide Valve Co., October 9th.
- 44,430 Repairing asphaltum pavements, A. H. Perkins, October 9th.
- 44,431 Cistern cleaning device, J. Shepherd and G. Barton, October 9th.
- 44,432 Horse Collar, L. Ingals, October 9th.
- 44,433 Split pulley, J. C. Fiester and J. S. Aminon, October 10th.

Established 1881 with Twenty Years Professional Experience in  
Canada, England and Germany.

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