

# Inventions.

## CANADIAN PATENTS.

The following patents have been issued from the Canadian Patent Office, from June 24 to July 6, 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.

- 43,336 Liquid discharging nozzle, J. B. Thies, June 24th.
- 43,337 Hot air pipe, A. Miller, June 24th.
- 43,338 Attachment to sectional mechanism for spring actuated shades, E. T. Burrowes, June 24th.
- 43,339 Grain separating screen, Closs & Howard Manufacturing Co., June 24th.
- 43,340 Twist drill milling machine, The Whitman & Barnes Manufacturing Co., June 24th.
- 43,341 Railway car seat, E. Julien, et al, June 24th.
- 43,342 Smoke consuming furnace, J. F. Chuzatte, et al, June 24th.
- 43,343 Clothes drier, W. J. Coulter, June 24th.
- 43,344 Bracket, S. R. Scottron, June 24th.
- 43,345 Wrench, E. B. Smith and J. W. Pickel, June 24th.
- 43,346 Potato planter, A. G. Gekeler, June 24th.
- 43,347 Combined drag and circular saw mill, H. T. Chalifour, June 24th.
- 43,348 Hot water boiler for heating purposes, T. Brooks, et al, June 24th.
- 43,349 Vehicle wheel, W. W. Valentine, June 24th.
- 43,350 Hanging for window sashes and the like, A. James, June 26th.
- 43,352 Combined culinary pots, H. H. Erlam, June 26th.
- 43,353 Car heating, Consolidated Car Heating Co., June 26th.
- 43,354 Running gear, W. & D. McKee, June 26th.
- 43,355 Separator attachment for threshing machines, R. Keeling, June 26th.

## FETHERSTONHAUGH & CO.

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Electrical and Mechanical Experts  
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**

**TELEPHONE 2589**

CABLE ADDRESS "INVENTION, TORONTO."

- 43,356 Packing case for bottles and the like, H. J. S. Brown, et al, June 26th.
- 43,357 Hardening steel, G. F. Simonds, June 26th.
- 43,358 Hardening steel, G. F. Simonds, June 26th.
- 43,359 Water wheel, C. W. Nicholson, June 26th.
- 43,360 Saw handle, E. A. Burns, June 26th.
- 43,361 Car wheel, J. A. Webber, June 26th.
- 43,362 Waterback for furnace, J. Tittle, June 26th.
- 43,363 Toy target, J. M. Edson, June 26th.
- 43,364 Printing device, F. Cudney and F. M. Stanton, June 26th.
- 43,365 Power hammer, Laird & Sweeney Manufacturing Co., June 26th.
- 43,366 Clothes line, J. Grignon, June 26th.
- 43,367 Locking the seats of blinds, V. P. E. Martinette, June 26th.
- 43,368 Bridle, W. Friedrich, June 26th.
- 43,369 Cycle or other wheel tire, O. Lagarie, June 26th.
- 43,370 Relief valve for balanced slide valves, D. Kiley, June, 26th.
- 43,371 Pulling stumps and trees, J. F. Edwards and G. H. Francis, June 26th.
- 43,372 Mixing machine for concrete, mortar, etc., J. Skinner, June 26th.
- 43,373 Dumping car, W. McMahon, June 26th.
- 43,374 Self regulating liquid discharge for closed vessels, T. A. and A. H. Schlueter, June 26th.
- 43,375 Protecting plate for boots and shoes, J. A. Whittier, June 26th.
- 43,376 Sheet metal roofing, A. C. Kanneberg, June 26th.
- 43,377 Driving gear for locomotive engines, D. S. Patterson, June 26th.
- 43,379 Check spring for doors, S. S. Allin, June 26th.
- 43,380 Burner for crude oils, J. Dick, June 26th.
- 43,381 Straw carrier, W. E. White, June 27th.
- 43,382 Space bars for line casting machine, W. S. Scudder, June 27th.
- 43,383 Device for preventing water pipes from freezing, J. Krumschied, June 27th.
- 43,384 Coffin, W. J. Leonhardt, June 27th.
- 43,385 Tellurion, S. M. Reavis, June 27th.
- 43,386 Nut lock, B. Porter, June 27th.
- 43,387 Ventilation of cars, S. G. Curry, June 27th.
- 43,388 Vehicle hub, P. F. Rachal, June 27th.
- 43,389 Car replacer, H. G. Kanson, June 27th.
- 43,390 Sulky cart, W. J. Hamill, June 27th.
- 43,391 Lumber carrier, H. Hawkins, et al, June 27th.
- 43,392 Seeding machine, Massey-Harris Co., Ltd., June 27th.

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## PATENTS

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