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Locomotive smoke stack, J. Hughes (r).....	6,156
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Shingle bolting machine, W. A. Fletcher.....	157,317
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Whiskey, Marland & Crossman.....	157,408
Windmill, W. H. Wheeler.....	157,43
Wringer and mangle, J. Bell.....	157,361

## EXTENSION GRANTED.

30,802.—CLOTHES WRINGER.—G. J. Colby.

## DISCLAIMER FILED.

30,802.—CLOTHES WRINGER.—G. J. Colby.

## DESIGNS PATENTED.

7,905.—MULEY SAW FRAME.—T. E. Chandler, Indianapolis, Ind.

7,906.—PIPE STEM.—W. Demuth, New York city.

7,907.—PIPE STEM.—W. Harvey, New York city.

7,908.—STAIR RODS.—M. Krickl, New York city.

7,909.—FORK HANDLES.—C. Osborne, North Attleborough, Mass.

7,910.—TYPE.—A. Little, New York city.

7,911 &amp; 7,912.—SODA WATER APPARATUS.—G. F. Meacham, Newton, Mass.

7,913.—SODA WATER APPARATUS.—F. H. Shepherd et al.

## TRADE MARKS REGISTERED.

,099.—WORM MEDICINES.—A. W. Allen, New York city.

2,100.—FLOUR.—F. Bertschy, Milwaukee, Wis.

2,101.—STREET IRON.—Brittain &amp; Co., San Francisco, Cal.

2,102.—CLOCKS.—H. J. Davies, New York city.

2,103.—DRESS GOODS, ETC.—Everett Mills, Lawrence, Ms.

2,104.—BLUING.—G. A. Moss, New York city.

105.—CIGARS.—Sartorius &amp; Reing, Memphis, Tenn.

## SCHEDULE OF PATENT FEES.

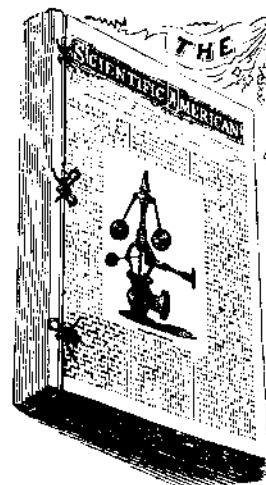
On each Caveat.....	\$10
On each Trade mark.....	\$25
On filing each application for a Patent (17 years).....	\$15
On issuing each original Patent.....	\$20
On appeal to Examiners-in-Chief.....	\$10
On appeal to Commissioner of Patents.....	\$20
On application for Reissue.....	\$30
On filing a Disclaimer.....	\$10
On an application for Design (3½ years).....	\$10
On application for Design (7 years).....	\$15
On application for Design (14 years).....	\$30

## CANADIAN PATENTS.

LIST OF PATENTS GRANTED IN CANADA,  
NOVEMBER 25 TO DECEMBER 3, 1874.

- 4,087.—S. J. Wright, Madrid, St. Lawrence county, N. Y., U. S. A. Combined carriage wrench and bit brace, called "Wright's Combined Carriage Wrench and Bit Brace." Nov. 25, 1874.
- 4,088.—W. S. Taylor, Toronto, Ont. Improved ticket system, called "Eureka Street Car Ticket System." Nov. 25, 1874.
- 4,099.—E. A. Yerkes, Philadelphia, Pa., U. S. Improvement on the manufacture of shovels and spades, called "Yerkes' Improvement in the Manufacture of Shovels and Spades." Nov. 25, 1874.
- 4,090.—D. Renshaw, Boston, Mass., U. S. Improvements on sectional steam generators, called "The Renshaw Boiler." Nov. 25, 1874.
- 4,091.—T. R. Crampton, No. 11 Victoria street, Westminster, England. Improvement in the manufacture of iron and steel, and on the construction and lining of revolving furnaces, and on apparatus connected therewith, called "Crampton's Improvements on the Manufacture of Iron and Steel, and in the Construction and Lining of Revolving Furnaces, and on Apparatus connected therewith." Nov. 26, 1874.
- 4,092.—J. F. Cass, L'Orignal, Prescott county, Ont. Improvements on folding stands, called "The Improved Folding Stand." Nov. 26, 1874.
- 4,093.—C. M. Nes, York, York county, Pa., U. S. Improvement on the manufacture of steel, called "Silicon Steel." Nov. 26, 1874.
- 4,094.—S. Keyes, Bennington, Bennington county, Vt., U. S. Improvement on steam boiler furnaces, called "Keyes' Improved Steam Boiler Furnace." Nov. 26, 1874.
- 4,095.—E. M. Slayton, Port Byron, Cayuga county, N. Y., U. S. Improvement on seamless paper vessels, and the machinery for manufacturing the same, called "The Slayton Seamless Paper Vessel." Nov. 26, 1874.
- 4,096.—M. E. Zeller, Ivesdale, Champaign, Ill., U. S. Improvements on harness findings, called "Zeller's Harness Finding." Nov. 26, 1874.
- 4,097.—W. J. Kent, Buffalo, Erie county, N. Y., U. S. Improvements on record organs, called "Kent's Improved Reed Organs." Nov. 26, 1874.
- 4,098.—C. A. Blomquist, La Porte, La Porte county, Ind., U. S. Improvements in railway rail joints, called "Blomquist's Improved T Rail Joint." Nov. 26, 1874.
- 4,099.—W. F. Patterson, Boston, Mass., U. S. Improvements on screw drivers, called "Patterson's Reversible Screw Driver." Nov. 26, 1874.
- 4,100.—R. Freeland, Montreal, P. Q. Improvements on the manufacture of soap, called "Freeland's Automaton Soap Maker." Nov. 26, 1874.
- 4,101.—G. W. Brown, Buffalo, N. Y., U. S. Improvements on spring beds, called "Brown's Improvement in Spring Bed Bottoms." Nov. 26, 1874.
- 4,102.—S. W. Reese and J. F. Wright, Chicago, Ill., U. S. Improvement on stencil plates, called "Reese's Adjustable Stencil Letters." Nov. 26, 1874.
- 4,103.—G. Curtis, Ogdensburg, St. Lawrence county, N. Y., U. S. Improvements on water wheels, called "Curtis' Turbine Water Wheel." Nov. 26, 1874.
- 4,104.—R. J. Took, Montreal, P. Q. Improvements on shirts, called "Took's Shirt." Nov. 26, 1874.
- 4,105.—R. Ross, Vergennes, Addison county, Vt., U. S. Improvements on machines for finishing horse shoe nails, called "Ross' Machine for Finishing Horse Shoe Nails." Nov. 26, 1874.
- 4,106.—J. Leith, Ridgway, Elk county, Pa., U. S. Improvements in car couplings, called "Leith's Automatic Car Couplings." Nov. 26, 1874.
- 4,107.—B. A. Whitaker, Wellington Square, Wentworth county, Ont. Improvements in rollers for curtains, called "The Acme Curtain Roller." Nov. 27, 1874.
- 4,108.—W. T. Root and W. G. Wood, Ingersoll, Oxford county, Ont. Improvement on boilers, called "Root & Wood's Improved Boiler for Steam Power and Heating Buildings." Nov. 27, 1874.
- 4,109.—W. H. Fulton, Foxcroft, Piscataquis county, Me., U. S. Improvements on machine for raising or extracting stumps, rocks, etc., called "The Iron Giant." Nov. 27, 1874.
- 4,110.—F. A. Lockwood, Fall River, Bristol county, Mass., U. S. Improvements on machine for scouring, glossing or setting leather or beaming hides, called "Lockwood's Hide and Leather Working Machine." Nov. 27, 1874.
- 4,111.—F. W. Orfield, Newark, Essex county, N. J., U. S. Improvements on gas machines for the vaporization of gasoline or other volatile hydrocarbons, called "Star Gas Machine." Nov. 30, 1874.
- 4,112.—J. B. Camyré, Montreal, P. Q. Improvement in boilers for washing clothes, called "The Nonpareil Steam Washing Machine." Dec. 1, 1874.
- 4,113.—T. Wallace, Chicago, Cook county, Ill., U. S. Improvement in emery stone pearing machines, called "Wallace's Emery Stone Pearing Machine." Dec. 1, 1874.
- 4,114.—C. Mee & J. George, Kingston, Ont. Improvement on melodeons and organs, called "Mee's Improvement on Organs and Melodeons." Dec. 1, 1874.
- 4,115.—Wm. Ingalls, Bolton, Lancaster county, Eng., and J. Ingalls, Montreal, P. Q. Improvement on elevator vessels, called "Improved Grain Elevator Boats." Dec. 1, 1874.
- 4,116.—N. Nilson, Minneapolis, Hennepin county, Minn., U. S. Improvement on steam brakes for railway cars, called "Nilson's Steam Brake for Railway Cars." Dec. 1, 1874.
- 4,117.—G. Ott, Warwick township, Lambton county, Ont. Extension of No. 217, called "Ott's Beehive." Dec. 1, 1874.
- 4,118.—C. P. Hobbes, New York city, U. S.—1st Extension of 1,704, called "The United Canada Churn." Dec. 2, 1874.
- 4,119.—C. P. Holmes, New York city, U. S.—Second Extension of 1,704, called "The United Canada Churn." Dec. 3, 1874.
- 4,120.—R. Dudley, Erie, Erie county, Pa., U. S. Improvements on torsion springs for cars, wagons, etc., called "Dudley's Improved Torsion Spring." Dec. 3, 1874.
- 4,121.—E. Chesterman, Philadelphia, Pa., U. S. Improvements on apparatus for registering and classifying the fares of passengers, called "Passenger Fare Enumerator and Classifier." Dec. 3, 1874.

PUBLISHED WEEKLY.



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