

CANADIAN PATENTS. LIST OF PATENTS GRANTED IN CANADA, October 2 to 5, 1875.

- 5,241.—R. D. Chatterton, Cobourg, Ont. Car draw bar and spring. Oct. 2, 1875.
5,242.—J. H. Killey et al., Hamilton City, Ont. Steam boiler. Oct. 2, 1875.
5,243.—W. H. Reed, Chicago, Ill., U. S. Air blowers for carbureters. Oct. 2, 1875.
5,244.—L. P. Brunelle et al., Quebec City. Gravity battery. Oct. 5, 1875.
5,245.—N. W. Westcott et al., Providence, R. I., U. S. Knitting loom. Oct. 5, 1875.
5,246.—G. W. Copeland, Malden, Mass., U. S., et al. Boot wax thread sewing mechanism. Oct. 5, 1875.
5,247.—R. Aldred, Glencoe, Ont. Railroad track lifting machine. Oct. 5, 1875.
5,248.—S. R. Smyth et al., Manchester, England. Manufacture of iron and steel, etc. Oct. 5, 1875.
5,249.—F. X. and A. Bellefleur, Trois Rivières, Ont. Threshing machine. Oct. 5, 1875.
5,250.—L. Dill, Greenville, Ohio, U. S. Car coupling. Oct. 5, 1875.
5,251.—R. D. Robbins, Port Perry, Ont. Mowing and reaping. Oct. 5, 1875.
5,252.—E. E. Hargreaves, Sarnia, Ont. Railway car ventilator. Oct. 5, 1875.
5,253.—T. Harvey et al., London, Ont. Dumping wagon. Oct. 5, 1875.
5,254.—P. J. Ayres, Lindsay, Ont. Buggy and carriage top. Oct. 5, 1875.
5,255.—H. Sells, Vienna, Ont. Combined cider mill and press. Oct. 5, 1875.
5,256.—S. L. Porter et al., Rochelle, Ill., U. S. Railway rail support. Oct. 5, 1875.
5,257.—N. Yagu, St. Petersburg, Russia. Feeding apparatus for steam boilers. Oct. 5, 1875.

Advertisements.

Back Page \$1.00 a line. Inside Page 75 cents a line.

Engravings may head advertisements at the same rate per line, by measurement, as the letter press. Advertisements must be received at publication office as early as Friday morning to appear in next issue.

Model Steam Engines,

FROM 50 CTS. UPWARDS, FROM GEORGE PARR'S UNEQUALLED MODELS OF

- Steam Cranes. Vertical Engines.
Circular Saws. Paddle Engines.
Steam Lathes. Steam Hammers.
Horizontal Engines. Locomotive Engines.
Portable Engines. Steam Boilers.
Steam Pumps. Marine Screw Engines.
Beam Engines. Powerful Engines.
Steam Winches. Water Motor Engines.
Electric Engines (requiring no fuel). Fire Engines.
Engines to run with Kerosene Oil or Gas, for domestic purposes. Miniature Mechanical and Comical Figures and Saw Mills run by above appliances.
Upright Engines.

Also, Celebrated Amateur's Lathes. Tools and Fittings of every description. Inimitable Castings, for \$1.00 per set and upwards, by means of which numbers of the above Steam Engines, Lathes, &c., have been successfully made by Amateurs. Thousands prove the unparalleled success of the above models and castings.

For full description and prices of the above, together with the requisite tools, see "Parr's Technical Guide, 8vo, Eighth Edition, Sixty-four thousand, over 150 pages, with nearly 600 splendid illustrations, giving full instructions in Sorrento Fret Carving, and Scroll Sawing, and 150 Parlor Experiments in Chemistry, the wonders of Microscopy, the beauties of Model Telegraphy, together with other useful and scientific information; also all necessary instructions how to buy, how to use, and how to make model engines. Post free, 30 cents. Address GEO. PARR, Manufacturer of Mechanical Tools, Buffalo, N.Y.

PIERCE WELL AUGER

Company offers \$1,000 to any one who will successfully compete with them in boring a 20-inch well, through soapstone and sandstone, and in taking up and setting bowlers and loose stones. Agents wanted in every State. \$25 PER DAY GUARANTEED. Send for CATALOGUE, FREE. Address CHAS. D. PIERCE, Peru, Illinois.

THIS MACHINERY has an established reputation in every State. It has earned over 10,000 in a single County in two years. It is a safe and profitable investment for men of small means.

WE WANT to engage every unemployed man, woman and child. C. P. RICHARDS & CO., Hallowell, Me.

TO ENGINEERS, MACHINERY MANUFACTURERS, Tool Makers, Patentees and others—The undersigned influential and well established firm, carrying on business in Melbourne, the principal of which has had over 20 years' experience in the Australian Colonies, and which has a large and extended connection, is willing to undertake the sole agency in the above Colonies for the sale of all classes of Engines, Agricultural Machinery, Engineers' Tools, Mechanical Inventions and Patents, and also to transact every description of business in this class. Highest references given. DAVID MUNRO & CO., 151 Queen Street, Melbourne.

Brainard Milling Machines all styles. A new Universal Milling Machine for \$200. Also Brown's Pat. SCREW MACHINES, and one of the best STEEL BAR VISE. B. M. M. CO., 181 Milk St., Boston, Mass.

\$250 A MONTH—Agents wanted everywhere. Business honorable and first class. Particulars sent free. Address J. WORTH & CO., St. Louis, Mo.

RACING BOAT STOCK.

SPANISH & WHITE CEDAR. Extra lengths and quality, from 3-16th thick up, planed and unplanned. Also, full stock of HARD-WOOD LUMBER and VENEERS, MAHOGANY, SATINWOOD, ROSEWOOD, WALNUT, &c.

Inclose Stamp for Catalogue and Price-List.

Geo. W. Read & Co., 186 to 200 Lewis St., at 5th & 6th Sts., E. R., N. Y.

The Myers Portable Engine, 4, 5, 6, 8, h. p. Some thing new. Best for price. Circulars—SECOND-HAND AND WOOD WORKING MACHINERY CHAS. PLACE, 108 Reade Street, New York.

Cotton Seed Huller.

D. Kahnweiler's Celebrated Patent, for Oil Mills and Plantations. Used by every Mill in New Orleans and others. Grinds and cracks corn & peas. 120 Center St. N. Y.

SHRIVER'S HYDRAULIC ORGAN BLOWER may be seen at American Institute Fair, blowing large Church Organ. Send for circular to T. SHRIVER & CO., Manufacturers, 393 E. 56th St., New York.

FINE TOOLS

For Machinists, Jewelers, Engravers, Watchmakers, Amateurs, and others. Also, a fine assortment of File and steel wire Supplies, at FRASSE & CO.'S, 83 Chatham Street, New York.

CLARK & COMPANY'S PATENT SELF-COILING, REVOLVING STEEL SHUTTERS

Can be readily fitted to Store Fronts, Rear Windows or other openings, making them FIRE AND BURGLAR PROOF, and affording absolute protection; also, WOOD SHUTTERS in various kinds of wood, suitable for Store Fronts, Private Houses, Offices, and School Partitions. Clark's shutters are self-acting, require no machinery or balance weights, and cannot get out of order. They are handsome in appearance, and are the best and cheapest shutters in the world. Are fitted to the new Tribune Building, Delaware and Hudson Canal Building, Manhattan Building, Lenox Library Building. Have been for years in daily use in every principal city throughout Europe, and are endorsed by the leading architects of the world.

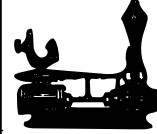
AGENTS WANTED. JAMES G. WILSON, Manager, 28 West 26th St., New York, and at London, Paris, Vienna, Berlin, Melbourne, &c., &c.

\$5 to \$20 per day at home. Samples worth \$1 free. STINSON & CO. Portland, Maine.

The TOLL-GATE! Prize Pictures sent free! An ingenious gum! 50 objects to find! Address with stamp, E. C. ABBEY, Buffalo, N. Y.

TO ELECTRO-PLATERS, JEWELERS, AND WATCHMAKERS. BATTERIES, CHEMICALS, AND MATERIALS, in sets or single, with Books of Instruction for Nickel or Silver Plating. THOMAS HALL, Manufacturing Electrician, 19 Bromfield Street, Boston, Mass. Illustrated Catalogue sent free.

THE IMPROVED NIAGARA STEAM PUMP, 93 to 91 Pearl St., Brooklyn, N. Y. Agency at 40 John St., New York. Hubbard & Aller, SOLE MANUFACTURERS, ENGINES AND BOILERS, Pulleys, Shafting and Hangers a Specialty.



\$77 A WEEK to Agents, Old & Young, Male & Female, in their locality. Terms & OUTFIT FREE. Address P. O. VICKERY & CO., Augusta, Me.

\$500 IN GOLD GIVEN AWAY, also 50 per cent Commission. You can make from \$10 to \$20 daily. F. M. JOURNAL CO., 292 Broadway, N. Y.

H.W. JOHNS' PATENT ASBESTOS MATERIALS. ASBESTOS ROOFING—ROOF COATING—ROOF PAINT—CEMENT for repairing Leaks. PAINTS all colors. BOILER FELTING—STRAM PACKING, FIRE PROOF COATING for wood work, &c. Sheathing, Linings, &c. These articles are ready for use and easily applied. Send for Pamphlets, Price Lists, Terms to Dealers, &c. H. W. JOHNS, 87 Maiden Lane, N. Y.

THE NEW Elements of Hand-Railing. REVISED EDITION. Containing Forty-one Plates, THIRTEEN of which are PERFECTLY NEW, with letter-press descriptions. By Robert Riddell, author of the "Carpenter and Joiner," and "Hand-Railing Simplified." 1vol. Felt cloth, \$7.00. CLAXTON REMSEN & CO., PUBLISHERS, 624-626-628 Market St., Philadelphia, Pa.

FOR SALE—The right to Manufacture the William Great Iron, Cotton, and Hay Hook Bale Tie. Patented July 27, 1875. This tie is superior to all others, as it can be used an indefinite number of times. For Drawings, etc., apply to WILLIAM GRETT, Mooresville, Limestone County, Alabama.

RATCHET DRILLS & WRENCHES Drills \$5.00 to \$18.00 each. Send postal card for catalogue. LOWELL WRENCH CO., Worcester, Mass.

STEEL CASTINGS. Solid and Homogeneous. Guaranteed tensile strength, 25 tons to square inch. An invaluable substitute for expensive forgings, or for Cast Iron requiring great strength. Send for circular and price list to DRIBBET STEEL CASTING CO., Evelina St., Philadelphia, Pa.

LeCount's Patent MACHINIST'S TOOLS. Reduced Prices. Set Iron Dogs, 3/4 to 2 in. \$5.00. Steel " " " " " " \$12.00. Iron & Steel Clamps, Die Dogs, Clamp Dogs, Vice Clamps, Expanding Mandrels, &c. Send for latest Price List to C. W. LE COUNT, South Norwalk, Conn.

The HOADLEY PORTABLE STEAM ENGINE. WITH AUTOMATIC CUT OFF REGULATOR AND BALANCED VALVE. STATE WHERE YOU WANT THIS THE BEST & MOST ECONOMICAL ENGINE MADE. SEND FOR CIRCULAR. THE J.C. HOADLEY CO. LAWRENCE, MASS.

\$10 to \$500 INVESTED in Wall Street often leads to fortune. A 72 page book, explaining everything, and copy of the Wall Street Review. SENT FREE. JOHN HICKMAN & CO., Bankers and Brokers, 72 Broadway, N. Y.

PATENT WOOD WORKING MACHINERY. PLANING & MATCHING, MOULDING, MORTISING, TENONING, RESAWING, SHAPING BAND & SCROLL SAWS &c. &c. J.A. FAY & CO. CINCINNATI, O.

OPIMUM and Morphine habit absolutely and speedily cured. Painless; no publicity. Send stamp for particulars, Dr. Carlton, 127 Washington St., Chicago, Ill.

WITHERBY, RUGG & RICHARDSON, Manufacturers of Woodworth Planing, Tonguing, and Grooving Machines, Daniel's Planers, Richardson's Patent Improved Tenon Machines, Mortising, Moulding, and Re-Saw Machines, and Wood-Working Machinery generally, 26 Salisbury Street, Worcester, Mass. (Shop formerly occupied by R. BALL & CO.) L. B. WITHERBY, G. J. RUGG, S. M. RICHARDSON.

\$12 a day at home. Agents wanted. Outfit and terms free. TRUE & CO., Augusta, Maine. E. M. MAYO'S PATENT BOLT CUTTER. Send for Illustrated Circular, Cincinnati, Ohio.

THE LATEST AND BEST PATENT FOR UNLOADING HAY has been allowed to W. H. HAYNES, of Sudbury, Mass. While perfectly feasible and simple, it is neither costly nor cumbersome, but performs the most tedious of all manual labor with ease and alacrity. By either horse or man power, it will lift up a whole load of hay at once to any height, and dump it on either side, fore or aft, in five minutes' time.

\$2 FOR ONE OF THE BEST FILE GUIDES EVER made, for guiding the file while filing saws. Manufactured by E. ROTH & BRO., New Oxford, Pa. Ladies Can be \$5 a day in their own City or Town. Address ELLIS M'F'G CO., Waltham, Mass.

HOME AND SCHOOL FOR FOUR BOYS. Address Miss MARY C. INGRAHAM, South Dartmouth, Mass. 5000 AGENTS WANTED—To Sell the Oriental Stationery and Jewelry Package, the largest and fastest selling package in the world. Mailed for 20c. Address R. L. FLETCHER, 111 Chambers St., New York.

T. V. Carpenter, Advertising Agent. Address Box 775, New York city.

STEAM PUMPS. FIRST PRIZES, VIENNA, PARIS, NEW YORK, BALTIMORE, BOSTON. Send for circular of recent patented improvements. THE NORWALK IRON WORKS, South Norwalk, Conn.

DRAWING INSTRUMENTS—DRAWING Materials, Surveying Compasses, Transits, Levels, Tape Measures, Field Glasses, Spy Glasses, Microscopes, Telescopes, Barometers, &c., &c. JAMES W. QUEEN & CO., 924 Chestnut Street, Philadelphia, Pa. 601 Broadway, New York.

Catalogues, Part 1st, MATHEMATICAL; Part 2d, OPTICAL; Part 3d, MAGIC LANTERNS; Part 4th, PHILOSOPHICAL INSTRUMENTS, each ten cents.

STONE SAWING MACHINERY. MERRIMAN'S PATENT ALSO HAND AND STEAM DERRICKS & TRAVELLERS. THOMAS ROSS, RUTLAND, VT.

VOLNEY W. MASON & CO., Manufacturers of FRICTION CLUTCHES for connecting Shafting and Gearing, HOISTING MACHINERY AND ELEVATORS. PROVIDENCE, R. I.

Photo Engraving Co. 62 Courtland St. New York.

Relief Plates for Book, Newspaper, Catalogue and Circular Illustrations Cheaper than Wood Cuts. The Scientific American uses our plates. Send stamp for Illustrated Circular.

IMPROVED MACHINERY for STAVE Heading, Shingle and Handles, Cabinet Maker's Machinery, Bailey Gauge Lathe, Durkee's Automatic Saw Mill (Improved), Key Seat Cutting, Pulley Boring, and Milling Machines, Radial Drills, Steam Engines, and Bailey's Veneering Machines, Cable and Sheaves for transmitting Power etc. to T. H. BAILEY & VALL, Lockport, N. Y.

ADVERTISERS WHO DESIRE TO REACH COUN- try readers in the West, can do so in the best and cheapest manner by using one or more sections of Kellogg's Great Newspaper Lists. Apply to A. N. KELLOGG, 79 Jackson St., Chicago, Ill.

THE IMPROVED CELEBRATED ARMSTRONG HEATER AND LIME CATCHER removes and prevents Scales in the Boilers by supplying them with pure water. Will last for six years, and fuel within one year. All parties using steam should have one. For particulars and circulars, address RAUGHMAN, CURTIS & KNIGHT, MANUFACTURERS, Toledo, Ohio. Machinists WANTED to act as Local Agents.

MACHINERY. IRON & WOOD WORKING MACHINERY OF EVERY DESCRIPTION. Cold Rolled Shafting. HANGERS, PULLEYS, COUPLINGS, BELTING, &c. Send for Illustrated Catalogue and Price List. GEORGE PLACE, 121 Chambers & 108 Reade Sts. N. Y. City.

BLAKE'S PATENT Stone and Ore Breaker. Crushes all hard and brittle substances to any required size. Also, any kind of Stone for Roads and for Concrete, &c. Address BLAKE CRUSHER CO., New Haven, Conn.

ROSE BUDS IN WINTER. Now Ready.—Roses for winter bloom, and fall planting. We send strong Pot Roses that will bloom quickly safely by mail, post-paid. Purchasers' choice of over 200 splendid ever blooming varieties. 5 FOR \$1.00. 12 FOR \$2.00. See our elegant descriptive catalogue, containing full directions for culture, &c. Sent free to all who apply. Address THE DINGEE & CONARD CO., Rose Growers, West Grove, Chester Co., Pa.

EAGLE FOOT LATHES. With Scroll and Circular Saw Attachments, Slide Rest, Tools, &c.; also Small Engine Lathes, Metal Hand Planers, &c. Neatest designs, superior finish. Low Prices. Our new Catalogue describes these and every tool necessary for the Amateur or Artizan. Send for it. WM. L. CHASE & CO., 95 & 97 Liberty St., New York.

Planing & Matching. Moulding, Re-sawing and Tenoning Machines. Scroll Saws and General Wood-Working Machinery. JOHN B. SCHENCK'S SONS, Middletown, N. Y. Send for Catalogue. 113 Liberty St., N. Y. City.

Our Boiler and Pipe Covering Save 25 PER CENT. in FUEL. ASBESTOS FELTING COMPANY, 316-322 FRONT ST., New York.

Bradley's Cushioned Hammer has larger capacity, is more durable, takes up less room, does more and better work with less expense for power and repair than any other Hammer in use. Guaranteed as recommended. BRADLEY Manufacturing Company, STRAUSSE, N. Y.

Machinists' Tools. All sizes at low prices. E. GOULD, Newark, N. J.

MAGNETS—Permanent Steel Magnets of any form or size, made to order by F. C. BEACH & CO., 246 Canal St., New York. Makers of the celebrated Tom Thumb and Miniature Telegraph Instruments.