

TO CORRESPONDENTS.

A. J., of N. H.—The fact of your having filed a caveat will not debar others from constructing and selling machines of the same construction. Should you obtain a patent you can recover for infringement only from the date of the patent, not from the filing of the caveat.

G., of Mich., \$10; T. E. C. B., of Ky., \$17; J. A. W., of Ark., \$30; J. F. H., of Pa., \$30; W. S., of N. Y., \$10; S. & W. H. B., of O., \$30; A. G., of Mass., \$30; G. P. D., of Pa., \$30; W. & M., of O., \$30; D. W., of N. Y., \$30; J. & E. A., of N. J., \$70; R. W., & D. D., of O., \$25; L. D. P., of N. Y., \$25; H. T. R., of Mass., \$10; H. T., of O., \$10; J. H., Jr., of Wis., \$55; D. F. K., of Mass., \$10; S. R., of La., \$35; M. S., of O., \$30; G. B., of Wis., \$43; E. B. G., of N. Y., \$25; W. F., of N. Y., \$30; J. A., of Pa., \$25.

ENGINEER'S OIL AND LUBRICATING COMPOUNDS—Cumberland's Metallic Oil, and Yockney's Superior Lubricating Compounds. These oils are free from unpleasant odor, and will not gum on machinery. Also Yockney's Economic Lamp Oil. Parties wishing to procure the genuine qualities are recommended to send their orders direct to the manufacturer. Orders directed to him, at the old stand, 67 Exchange Place, will have his immediate attention.

THE DAILY SUN—Mail Subscribers.—The morning edition is forwarded by the early mails to country subscribers, at \$4 per annum, or \$1 per quarter, payable in advance. The postage under the present law is as follows:—To any Post Office in the State of New York, 78 cents per year, payable quarterly, 19 1/2 cents in advance. To any Post Office out of New York State, but within the United States, \$1.50 per year, payable quarterly, 38 cents in advance.

Specifications and drawings belonging to parties with the following initials have been forwarded to the Patent Office during the week ending Saturday, June 23:— M. McG., of Mich.; T. E. C. B., of Ky.; J. E., of Mass.; S. & B., of Mich.; L. D. P., of N. Y.; R. W., & D. D., of O.; S. R., of La.; J. F. S., of N. Y.; H. J. C., of N. Y.; W. F., of N. Y.; J. & E. A., of N. J.; J. A., of Pa.; G. B., of Wis.

Important Items. BACK NUMBERS AND VOLUMES.—We have the following numbers and volumes of the SCIENTIFIC AMERICAN, which we can supply at the annexed prices:—Of Volume 6, forty numbers, bound, \$1.75. Of Volume 6, all; price in sheets, \$2; bound, \$2.75. Of Volume 7, all; price in sheets, \$2; bound, \$2.75. Of Volume 8, none complete, but about 30 numbers in sheets, which will be sold at 50 cents per set. Of Volume 9, bound, \$2.75. Of Vol. 10, all except Nos. 17, 25, 26, 27, and 28, at the subscription price.

PATENT CLAIMS.—Persons desiring the claim of any invention which has been patented within fourteen years, can obtain a copy by addressing a letter to this office, stating the name of the patentee, and enclosing \$1 for fees for copying.

Table with 3 columns: Lines for each insertion, Price per line, Total price. 4 lines for each insertion, 1.00; 8 lines for each insertion, 3.00; 12 lines for each insertion, 3.00; 16 lines for each insertion, 4.00.

Advertisements exceeding 16 lines cannot be admitted, neither can engravings be inserted in advertising columns at any price. All advertisements must be paid for before insertion.

IMPORTANT TO INVENTORS.

THE UNDERSIGNED having had TEN years' practical experience in soliciting PATENTS in this and foreign countries, beg to give notice that they continue to offer their services to all who may desire to secure Patents at home or abroad. Over three thousand Letters Patent have been issued, whose papers were prepared at this Office, and on an average fifteen, or one-third of all the Patents issued each week, are on cases which are prepared at our Agency.

AMERICAN AND FOREIGN PATENT ATTORNEYS, 128 Fulton Street, New York; 32, Essex Street, London; 29 Boulevard St. Martin, Paris; 6 Rue D'Or, Brussels.

LAUREL FACTORY—Prince George Co., Md., June 23, 1855.—Mr. H. Van Dewater, Dear Sir:—We take pleasure in stating that your input in the Turbine Water Wheel, which we purchased of you and warranted to work up to your table in your circular or table, and to our entire satisfaction; it was put in our cotton mill of 45 horse power, and to drive it under 77 feet fall, with 650 inches of water, and it does it with 400 inches when the head is reduced to 5 1/2 feet, the gate two-thirds of the way hoisted, which displaced three Parker wheels that could not drive the mill up to full speed by 5 to 8 horse power by using 750 inches of water, although it had an engine to assist to drive the mill to full speed. We are not prepared to give a further certificate, as the wheel has only been in a short time. There was also two How's input in to drive the mill, but could not up to speed. The wheels were put in operation in three days. You will hear further from us in a short time. HEATH & ARTHUR, 1st

LATHES FOR BROOM HANDLES, &c.—We continue to sell Alcott's Concentric Lathe, which is adapted to turning Windsor Chair Legs, Pillars, Rods and Rounds, Hoe handles, Fork handles, and Broom handles. This lathe is capable of turning under two inches diameter, with only the trouble of changing the dies and pattern to the size required. It will turn smooth over swells or depressions of 3/4 to the inch, and work as smoothly as on a straight line, and does excellent work. Sold without frames for the low price of \$25—boxed and shipped with directions for setting up. (Add 50c post paid) MUNN & CO., At this Office.

GEORGE C. HOWARD—18th street, below Market, Philadelphia, manufacturer of Machinists' Tools of all kinds; Steam Engines and Boilers, Mill Gearing, Shafting, Pulleys, Hangers and Hydrostatic Presses; Copperplate Printers' and Engravers' Machines; Superior Shearing Machines for gray goods, carpets, and jeans; Card Grinders, etc. Spirals and Ledgers furnished for all kinds of Machines, Hat and Bonnet Presses, Ruckram Molds, Mortising Machines, etc. Iron and Brass Castings and Forging, furnished. Also for sale low, a complete suit of Sub Marine Armor, with pump and hose ready for immediate use.

NORCROSS ROTARY PLANING MACHINE.—The Supreme Court of the U.S., at the Term of 1853 and 1854, having decided that the patent granted to Nicholas G. Norcross, of date Feb. 12, 1850, for a Rotary Planing Machine for Planing Boards and Planks, is not an infringement of the Woodworth Patent. Rights to use N. G. Norcross's patented machine can be purchased on application to N. G. NORCROSS, 305 Broadway, New York. Office for sale of rights at 208 Broadway, New York. Boston, 27 State street, and Lowell, Mass. 42m*

SURVEYORS' COMPASSES, Surveying Chains, Tape Measures, Mathematical Drawing Instruments, etc. etc. McALLISTER & BROTHER, (established 184) Chestnut street, Philadelphia. Our Pamphlet Catalogue, (24 pages) of Optical, Mathematical and Philosophical Instruments (with illustrations) furnished on application and sent by mail free of charge.

AMERICAN PLATE GLASS COMPANY.—Factory Williamsburgh L. I. are now prepared to execute orders for rough Plate Glass suitable for floors, skylights, vault, and deck lights. Prompt attention will be given to orders left at their office, 442 Broadway, or their agent, J. R. PLATT, 79 Murray st. 42 8*

100 MORE TRAVELING AGENTS WANTED.—Business pleasant and honorable and the highest wages paid. Do not fail to send your address and a P. O. stamp to M. S. BRODLIE, Burlington, Vt. 1*

PAPER MILL FILTERS.—Wanted, a Filter or Filterer a plan by which, without too much expense, muddy water (and clay deposit) can be filtered for use of four engines running on newspaper. A reward of One Hundred Dollars will be paid to the person suggesting the plan which may be adopted successfully. Address PAPER MILL, Columbus, Geo. 42 6*

THE AMERICAN ROCK DRILLING CO. invite attention to their superior machine (patented) which, after thorough trial is believed to be the simplest and most efficient in use for artesian wells, heavy excavations, quarries, mines and for face dressing. The Company is prepared to dispose of rights throughout the United States, to furnish machines, horse powers and steam engines with fixtures, complete, adapted for any and all kinds of rock work, or to contract for excavations, etc., on public or private works in any part of the Union. Models may be examined at the Office of the Co., or machines may be seen in operation and further information obtained on application to T. H. WATKINS, Agent and Treasurer, No. 40 State St., Boston 41 6*

CATALOGUE OF PATENTS.—Showing the subject or title of every patent granted by the Patent Office prior to the present year, and the number under each title. Price 25 cents. Address J. S. BROWN, Washington, D. C. 41 4*

1855—OIL SOCKETS WITH GREASE Drills, for oiling carriage wheels easy and with despatch. They clean the bearings of the axles also without taking off the wheels. Can be set in the hubs of all kinds of wagons and wheels. Expense, when set complete, \$1 per wheel and warranted. Rights for sale. This is a safe and lucrative business in any and every place, and for a long time, for these are going into general use. Dr. A. C. GARRATT, the patentee, No. 80 Friend street, Boston. 41 2*

IRON FOUNDERS.—Scotch and American Pig Iron, Facing Dusts, Fire Clay, Fire Sand, Fire Bricks, Molding Sand, and Black Lead, for sale by G. O. ROBERTSON, 135 Water street. 40 4*

\$6000 WORTH OF MACHINERY FOR SALE.—consisting of Lathes, Planers, Upright Drills, 2 sets of blacksmith's tools, complete; Lathes, Drills, upper works, and Belling, Benches, and Drawers, etc. all of the best quality, and up shop to this extent for building light machinery, which will be sold on reasonable terms, by applying to JAS. HARRISON, Jr., Lovejoy's Hotel, or at 110, Union Street Works, corner 22nd street and Second avenue New York. 40 4*

WROUGHT IRON PIPE—Boiler Flues, Pumps Gauge Cocks, Oil Cups, and every variety of fittings for steam, gas, and water, manufactured and sold on the most favorable terms, by JAMES O. MORSE & CO., No. 79 John St., New York. 39 8*

JACK SCREWS AND HYDRAULIC JACKS.—For sale at manufacturers' prices, by FOSTER & LEACH, 26 Broadway, N. Y. 37 13*

THE NEW YORK WEEKLY SUN is now sent to subscribers at the following very low rates, payable in advance:—One copy, 3 months, 25 cents; 6 mos., 45 cents; 1 year, 75 cents; 16 months, \$1.00; 2 copies, 1 year, \$2.00; 3 copies, 1 year, \$3.00; 4 copies, 1 year, \$4.00; 5 copies, 1 year, \$5.00. The postage within the State is only 15 cents a year—out of the State 26 cents a year. 15* No traveling agents are employed. Specimen copies sent gratis. All letters should be post paid and directed to MOSES S. BEACH, Sun Office, New York. 39

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ENGINEERING.—The undersigned is prepared to furnish specifications, estimates, plans in general or detail of steamships, steamboats, propellers, high and low pressure engines, boilers and machinery of every description. Broker of steam vessels, machinery, boilers, &c. General Agent for Ashcroft's Steam and Vacuum Gauges, Allen & Noyes' Metallic Self-adjusting Conical Packing, Faber's Water Gauge, Sewell's Sallinometer, Judgson's Hydraulic Lifting Press, Robbins's Patent Wire Rope for hoisting and steering purposes, etc. CHARLES W. COPELAND, Consulting Engineer, 64 Broadway 14 13eow

OIL! OIL! OIL!—For railroads, steamers, and for all machinery, burning Pease's Improved Machinery and Burning Oil will save fifty per cent, and will not gum. This oil possesses qualities vitally essential for lubricating and burning, and found in no other oil. It is offered to the public upon the most reliable, thorough and practical test. Our most skillful engineers and machinists pronounce it superior and cheaper than any other, and the only oil that in all cases reliable and will not gum. The Scientific American, after several tests, pronounced it "superior to any other they have ever used for machinery." For sale only by the inventor and manufacturer. F. S. PEASE, 61 Main st., Buffalo, N. Y. N. B.—Relia-ble orders filled for any part of the United States and Europe. 19 eow13*

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THE ARTISAN JOURNAL.—A Monthly Record of the Progress of Civil and Mechanical Engineering, Steam Navigation, Shipbuilding, and the Industrial Arts Chemistry, &c. Published in London and for sale in numbers and volumes by CHAS. H. FASSELL, Consulting and Superintending Engineer, Bowling Green, New York. Drawings and specifications of Steam Machinery, in all its branches, furnished upon application. 14 lam1*

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THE CHEAPEST HORSE POWER KNOWN.—Patented April 1st, 1855.—Simpson's horse power has not a gear wheel about it, and it can be constructed and kept in repair by an ordinary mechanic. It costs less and furnishes a larger percentage of power than any horse power known. For the purchase of rights for the District of Columbia, Maryland, Delaware, New Jersey, Pennsylvania, New York, Ohio, and the New England States, apply to Prof. CHAS. G. PAGE, Washington, D. C. 35 1*

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GRAIN MILLS.—EDWARD HARRISON, of New Haven, Conn., has on hand for sale, and is constantly manufacturing, a great variety of his improved Flour and Grain Mills, including Bolting Machinery, Elevators, complete with Mills ready for use. Orders addressed as above to the patentee, who is the exclusive manufacturer, will be supplied with the latest improvements. Cut sent to applications, and all mills warranted to give satisfaction. 34 3m*

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JOHN PARSLEY, NEW HAVEN, Conn. Manufacturer of Machinists Tools. Has on hand, and is finishing, all sizes of Engine and Hand Lathes, Iron Planers, Upright Drills, Bolt and Gear Cutters, Universal and Sewall Chucks of the best quality, at latest style, at extremely low prices for approved paper, and still lower for cash. N. B.—It is now admitted by all that New Haven is the best place to buy good machinists tools for 25 per cent less than any other place in the United States, as it was the first place and still is the only place where the tool business is carried on a substantial way, and always gives good work and at a low price. And I know that I can sell (when quality and capacity is considered) ten or fifteen per cent lower than any other tool builder in New Haven, as my business is large, and I make all of my own castings, and also 19-20ths of all the tool castings made in New Haven. Hence no one pretends to compete with me. Cut sent with descriptions and prices, can be had by addressing as above. 40 1*

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TO LET.—Light Rooms with steady power, on Canal, Elm, and Walker, streets, at very low rates. Situation central. Engine, buildings, and occupants first class. Facilities for exhibiting new machines, by Mr. GAUDU, 102 Walker st. 31 3m*

MACHINISTS' TOOL.—Meriden Machine Co. has on hand, at their New York Office, 15 Gold st., a great variety of Machinists' Tools, Hand and Power, Punching Presses, Forging Pumps, Machine Belling, &c. all of the best quality. Factory West Meriden, Conn. 31 13*

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IRON PLANERS.—Of various sizes and superior workmanship on hand and finishing, for sale low for cash. We confine ourselves solely to building Planers, and can warrant every machine, Lathes, Drills, Gear Cutters, Chucks, &c. of the best quality furnished at very low prices. Address THOMPSON, BRUNNER & CO., New Haven, Conn. 40 1*

HARRISON'S GRAIN MILLS.—Latest Patent.—\$1000 reward offered by the patentee for their equal. A supply constantly on hand. Liberal Commissions paid to agents. For further information address New Haven Manufacturing Co., New Haven, Conn., or to S. C. HILLS, our agent, 12 Platt Street, New York. 13 1*

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VAIL'S CELEBRATED PORTABLE STEAM Engines and Saw Mills, Hogarus' Mower-powers, Smut Machines, Saw and Grist Mill Irons and Gearing, Saw Gummies, Ratchet Drills, &c. Orders for light and heavy forging and castings executed with dispatch. 6 13* LOGAN VAIL & CO., 8 Gold st., N. Y.