

TO CORRESPONDENTS.

We have received a small box containing models of a Blower and Connection for Hubs and Axles...

C. C. of Mass.—We have never known of a table for locomotives constructed like the one represented in your letter...

C. D. H., of N. Y.—The notice was sent by mistake: your name we found entered correct upon our books.

A. R., of N. Y.—Upon examination of your model for propelling canal boats, we find it is not new.

A. S. P., of N. C.—The drawings of your Cart and Scraper is believed to represent a patentable invention.

J. C. S., of N. Y.—No part of a caveat fee can be withdrawn from the Patent Office on the abandonment of a case...

E. L. H., of N. Y.—What would you do with the cross-ties in forming your trough? The way to throw the water from the trough, you have not explained.

J. E., of R. I.—You can send us a sketch and description of the improvement, and we will examine it: we have no new publication to send you upon looms.

W. H., of N. C.—We cannot discover any new or patentable feature in your smutting apparatus...

A. W., of Texas—No chisels of the size you speak of are furnished with the machine, although they are suitable for cutting with chisels of the size.

C. H. B., of N. Y.—Size the leather, place on the gold leaf, and impress with a hot iron.

C. H., of S. C.—If common coal gas is mixed with eight times its bulk of air, it will explode with great violence.

H. U., of N. Y.—We made the corrections in your specifications which were suggested.

Money received on account of Patent Office business or the week ending March 13.

W. T. R., of Ct., \$30; J. I. V., of N. Y., \$25; J. S. & S. J. M., of Ct., \$30; W. E. D., of N. Y., \$65; J. P. & Co., of Ct., \$30; J. T., of N. Y., \$30; A. F., of N. Y., \$20; W. D. A., of O., \$25; S. M., of N. Y., \$30; H. W. P., of N. Y., \$30; P. F. H., of N. Y., \$20; J. H. S., of N. Y., \$5; G. B. P., of Phil., \$30.

Specifications and drawings belonging to parties with the following initials have been forwarded to the Patent Office during the week ending March 13: T. B. W., of Pa.; J. I. V., of N. Y.; E. B., of Pa.; A. C. K., of N. Y.; J. T., of N. Y.; W. R., of Mass.; F. O., of N. Y.; P. F. H., of N. Y.

New Arrangement.

Several of our readers have expressed a wish to subscribe for some literary journal in connection with the Scientific American, not feeling able to take both.

Parties cannot be allowed an addition of one of the Literary papers, as above, by remitting a single dollar after paying their year's subscription to the Scientific American, and money received under such circumstances will be credited in continuance of the Scientific American.

Patent Laws, and Guide to Inventors.

We publish, and have for sale, the Patent Laws of the United States. The pamphlet contains not only the laws but all information touching the rules and regulation of the Patent Office.

An Important Paragraph.

Whenever our friends order numbers they have missed—we always send them if we have them on hand.

The Post Office Laws do not allow publishers to enclose receipts; when the paper comes regular subscribers may consider their money as received.

Subscribers ordering books or pamphlets are particularly requested to remit sufficient to pay postage.

ADVERTISEMENTS.

Terms of Advertising.

Table with 3 columns: Line count, Rate per line, Total rate. Includes rates for 4, 8, 12, and 16 lines.

INSTITUTE FOR SURVEYORS AND ENGINEERS, West Bloomfield, N. J.—The next session of this Institute will commence May 1st, and continue five months.

ADVERTISING—NICKERSON'S PATENT FIRE-ARMS—This is the only species of firearms for loading at the breech...

SCHENCK'S MACHINERY DEPOT, No. 64 Courtland st., N. Y.—Has on hand a great variety of Slide and Hand Lathes...

SHINGLE MACHINES—WANTED—Information in regard to Burt's or any other good machine for sawing shingles...

DRILLING MACHINES—Self-Acting Drilling Machines, of the best construction, capable of drilling holes from one-eighth inch to three inches diameter...

JOHN W. GRIFFITHS—Ship Builder and Marine Architect, 658 Fourth st., N. Y., furnished models and draughts of all description of vessels...

LEONARD'S MACHINERY DEPOT, 109 Pearl-st. and 60 Beaver, N. Y.—Leather Banding Machinery, N. Y.—Machinist's Tools, a large assortment from the "Lowell Machine Shop..."

COTTON MACHINERY—One new Ring and Traverser Warp Frame, 156 spindles, and three new Looms, built in the best manner by the Matoon Co., and for sale at 60 Beaver st., N. Y.

SCREW PROPELLER FOR SALE—6 feet diameter, and 15 feet pitch, made of wrought-iron: the blades are screwed on the hub...

ZINC PAINTS—THE NEW JERSEY ZINC CO. will supply their pure Zinc Paints at the following prices:—No. 1, white ground in oil, 9c. per lb.; No. 2 do., 8c. per lb.; No. 3 do., 7c. per lb.; brown and black, 5 1/2c. per lb.; dry white zinc 6c. per lb.

STEAM ENGINES AND BOILERS—The patentee is now ready to supply orders for steam engines with Ayer's Patent Improved Boiler of any size required.

J. ADAMS & SONS, AMHERST, MASS.—Patent Felly Machine. Belden & Colton, 98 Chamber st., New York; John B. Wynne, Anderson House, S. C.; Agents for sale of rights of machines and territory.

A. B. ELY, Counsellor at Law, 46 Washington st., Boston, will give particular attention to Patent Cases.

CLOCKS FOR CHURCHES, PUBLIC BUILDINGS, RAILROAD STATIONS, &c., and REGULATORS FOR JEWELLERS.—The undersigned having succeeded in counteracting entirely the influence of the changes of the temperature upon the pendulum...

THE SUBSCRIBER is now finishing four 14 horse engines, with boiler and apparatus all complete—price \$1200 each.

TO FELLOE AND SNATH MAKERS—The undersigned having purchased the entire right of A. W. Johnson, for his machine for bending carriage-felloes, &c., are now prepared to sell State or county rights for said machine...

A CARD—The undersigned begs leave to draw the attention of architects, engineers, machinists, opticians, watchmakers, jewellers, and manufacturers of all kinds of instruments...

IRON FOUNDERS MATERIALS—viz.: fine pulverized Sea Coal, Anthracite and Charcoal, Black Lead and Soapstone Facings.

VENTILATION—In reference to the advertisement which I have had in this paper for some time, and also in reference to the reward offered by F. M. Ray...

TO COTTON MANUFACTURERS AND MACHINISTS—The undersigned having had thirty-five years' experience in the manufacturing and machine business, is desirous of obtaining a situation as foreman or agent in the above branches...

TRACY & FALES, RAILROAD CAR MANUFACTORY—Grove Works, Hartford, Conn. Passenger, freight, and all other descriptions of railroad cars and locomotive tenders made to order promptly.

POST'S PATENT SLIDING DOOR FRONTS—For stores and Public Buildings; a new, cheap, and simple fixture for securing store fronts, which renders them fire and burglar proof...

MECHANICAL DRAWINGS—J. H. BAILEY, draughtsman, agent for the sale of patent rights, inventions, machinery, &c., office, Tryon Row Harlem Railroad Buildings, opposite City Hall.

MALLEABLE IRON FOUNDRY, EASTON, Mass.—The subscriber continues to manufacture castings of every variety, for machinery and other purposes, of the best quality...

NEW HAVEN MANUFACTURING COMPANY, Tool Builders, New Haven, Conn., (successors to Scranton & Parshey) have now on hand \$25,000 worth of Machinist's Tools...

BEARDSLEE'S PATENT PLANING MACHINE, for Planing, Tonguing and Grooving Boards and Plank.—This recently patented machine is now in successful operation at the Machine shop and Foundry of Messrs. F. & T. Townsend...

PAINTS, &c. &c.—American Atomic Drier, Graining Colors, Anti-friction Paste, Gold Size, Zinc Drier, and Stove Polish.

MACHINERY.—S. C. HILLS, No. 12 Platt-st. N. Y. dealer in Steam Engines, Boilers, Iron Planers, Lathes, Universal Chucks, Drills; Kase's, Von Schmidt's and other Pumps; Johnson's Shingle Machines; Woodworth's, Daniel's and Law's Planing machines; Dick's Presses, Punches and Shears; Morticing and Tennoning machines; Belting; machinery oil, Beal's patent Cob and Corn mills; Burr mill and Grindstones; Lead and Iron Pipe &c.

WOODWORTH'S PLANING MACHINE—For sale, the right to use this justly celebrated labor-saving machine in the following States, viz., Pennsylvania west of the Allegheny Mountains, Virginia west of the Blue Ridge, Ohio, Indiana, Kentucky, Tennessee, Wisconsin, Iowa, Missouri, Arkansas, Texas, Louisiana, Florida, Alabama, and Mississippi.

WOOD'S IMPROVED SHINGLE MACHINE—Patented January 8th 1850, is without doubt the most valuable improvement ever made in this branch of labor-saving machinery.

THE EXCELSIOR Sand and Emery Papers. Are offered as new and superior articles, being manufactured by an improved process; the paper is made from the best Manila hemp, and consequently is very strong and lasting.

P. W. GATES'S PATENT DIES FOR CUTTING SCREWS—Patented May 8th, 1847.—This Die cuts Screws of any size, V or square thread, by once passing over the Iron.

MACHINIST'S TOOLS.—Marshall, Bement & Colby, (successors to E. D. Marshall & Co.) Callowhill street, west of Schuylkill Third, Philadelphia, Pa., are prepared to make to order, and keep on hand Machinist's Tools, such as Planing and Compound Planing Machines, on a new and improved plan...

CHAS. W. COPELAND, Consulting and Mechanical Engineer, Surveyor of Steam Machinery, &c., No. 68 Broadway, N. Y., superintends the construction of steam vessels and steam engines, and machinery of every description; specifications and contracts prepared; also general plans and drawings in detail furnished.

MANUFACTURE OF PATENT WIRE Ropes and Cables—for inclined planes, suspension bridges, standing rigging, mines, cranes, derrick, tilters &c.; by JOHN A. ROEBLING; Civil Engineer—Trenton N. J.

PATENT CAR AXLE LATHE—I am now manufacturing, and have for sale, the above lathes; weight, 5,500 pounds, price \$600. I will furnish a man with each lathe, who will turn and finish axles for 50 cents each, if desired.

LOGAN VAIL & CO., No. 9 Gold street, New York, agents for George Vail & Co., Speedwell Iron Works, have constantly on hand Saw Mill and Grist Mill Irons, Press Screws, Bogardus' Horse-Powers, and will take orders of Machinery of any kind, of iron and brass; Portable Saw-mills and Steam Engines, Saw Gummers of approved and cheap kind, &c. Gearing, Shafting, large and small, cast or of wrought iron.

HAWKIN'S Stave Dressing Machine—Is now in operation in the city of Milwaukee, Wis., and will dress from 6 to 8000 staves per day, ready for the truss hoops, and at one operation. Rights for States and Counties, and also machines, for sale, apply to WM. HAWKINS, Patentee, Milwaukee, Wis.

1852 TO 1856.—WOODWORTH'S Patent Planing, Tonguing, Grooving, Rafting, and Moulding Machines.—Ninety-nine hundredths of all the planed lumber used in our large cities and towns continues to be dressed with Woodworth's Patent Machines.