

**TO CORRESPONDENTS.**

"J. K. of Troy, N. Y."—We will answer by mail. It is evident that the French Sewing Machine is a little different from the American, and it is no better. It could not prevent your patent we think, nor the other machines, if your case be rightly managed.

R. P. of N. Y.—We received yours from Schenectady.

"J. S. D. of N. H."—We referred only to music boxes that play a certain number of tunes, and have never heard of one able to play over a certain number, nor do we believe there ever has been. The plan to set it to play any tune from the gamut, is certainly something new. Get up your model and if it operates successfully your fortune is certainly made, and nothing can hinder a patent.

"L. B. of N. Y."—The exploding of the two gases in the cylinder, could be of no benefit practically, as the expense would far surpass that of steam. Carbonic acid gas has been tried and effectually, but the expense did not warrant a prosecution of the project, although a very good speed was obtained with a boat propelled by gas on the Thames in 1823. We must state that an explosive material is of no use as a mechanical propellant. Weight and expansion are our handmaids,—these we can control. Whenever steam becomes explosive then we cannot master it.

"F. S. of Portland, Me."—Your volume of the Scientific American was sent by express last Monday.

"J. C. of Pa."—Your plan is a good improvement but you must compare the claim of the original patent, (which is not in the document sent,) and see whether there would be a confliction or not. It was rather too much to expect an examination of such a document, nevertheless we did so from your candid statement.

"G. G. of Mass."—It is not possible to comply at present with your offer. You had better endeavor to get the application sent and we will forward the model, and await the result. "There's a good time coming."

"P. G. of Geneva, N. Y."—You will hear from us soon.

"G. R. Jr., of New York."—All right We have since learned that the Herman had a longer passage than was at first reported.

"E. W. of Maine."—Your drawings are now made, and the papers will very soon be sent.

"P. G. of Mass."—You must not expect so many favors, they don't always make the pot boil.

"A. A. of Mass."—We are glad you corrected the mistake, and we should have been happy to have got the news earlier. We shall notice it in full in another number.

"D. W. of La."—Yours has just come to hand. We shall answer soon.

"J. M. V. of N. Y."—Some of the British Engines, are rated at a certain amount of horse power, but they use a divisor of 66,000 for calculating the power. This has deceived many.

**Electro Gilding and Plating.**

Mr. Matthias O'Kelly, 130 Anthony street, this city, has recently fitted up an establishment for the execution of all kinds of work in Electrotyping and Gilding, and we are confident that all jobs entrusted to his care will receive prompt attention. Mr. O'Kelly is an experienced workman at the peculiar art of Gilding and Electro Plating, and from the specimens of work which have been shown to us, we pronounce him the best artist in that business with whom we are acquainted. In connection with his other business Mr. O'Kelly will manufacture gold, silver, steel and tortoise shell spectacles to order, and attend to all jobs in turning ivory, brass or horn, with neatness and dispatch.

**Patent Agency.**

Applications for Patents made at this office, on the most reasonable terms. Neat drawings, specifications, and engravings of the first character, and cheaper than anywhere else. Notices of new inventions, Agency for the sale of Patent Rights, and all business of that nature, promptly attended to. Those who have patent rights to dispose of will find a good opportunity and field for their sale—such as Horse Power Machines and Waterwheels of

every description. The largest circulation in the world for advertisements of inventions, &c.

**Advertisements.**

This paper circulates in every State in the Union, and is seen principally by mechanics and manufacturers. Hence it may be considered the best medium of advertising, for those who import or manufacture machinery, mechanics tools, or such wares and materials as are generally used by those classes. The few advertisements in this paper are regarded with much more attention than those in closely printed dailies.

Advertisements are inserted in this paper at the following rates:

One square, of eight lines one insertion,	\$ 0 50
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**GENERAL AGENTS**

FOR THE SCIENTIFIC AMERICAN.

New York City, - - - - - GEO. DEXTER.  
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**LOCAL AGENTS.**

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Newark, N. J., - - - - - Robert KASHAW.  
New Orleans, La., - - - - - J. C. MORGAN.  
Providence, R. I., - - - - - H. & J. S. ROWE.  
Rochester, N. Y., - - - - - D. M. DEWEY.  
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Saco, Me., - - - - - ISAAC CROOKER.  
Savannah, Geo., - - - - - JOHN CARUTHERS.  
Syracuse, N. Y., - - - - - W. L. PALMER.  
Troy, N. Y., - - - - - A. SMITH.  
Taunton, Mass., - - - - - W. P. SEAYER.  
Utica, N. Y., - - - - - W. H. CANNIFF.  
Williamsburgh, - - - - - J. C. GANDER.  
Dover, N. H., - - - - - D. L. NORRIS.

**CITY CARRIERS.**

CLARK SELLECK, SQUIRE SELLECK.

Persons residing in the city or Brooklyn, can have the paper left at their residences regularly, by sending their address to the office, 128 Fulton st., 2d floor.

**Stave Dressing Machine.**

The undersigned are manufacturing and have now in operation, a machine for Dressing Staved Staves, which will dress 126 hoghead or 170 barrel staves per hour, with one horse power, and with two horses will double the number. It will dress crooked and winding staves to perfection, and leave the full thickness on those with thin edge, a desideratum worthy of attention. The machine is simple, compact and durable, and has received the approval of every practical Cooper that has witnessed its operations. We warrant it to perform fully equal to our representation and shall be pleased to exhibit it to all who may favor us with a call. For further description and terms, apply to WM & E. T. FITCH, 2d, New Haven, Conn., or GEO. GILBERT, Westville, N. H. Co., Conn. j3 3m.

**FOR SALE CHEAP!**

A NEW and convenient House and Shop with water privilege, situated in the centre of one of the pleasantest villages in Massachusetts. The house is of modern style, built in 1844, is 2 stories high in front, with a rear building attached, which is used for a kitchen. The shop is spacious and located but a few rods from the house, on a stream of water, with a good breast wheel of suitable dimensions for doing a large business. The above property is located in the beautiful village of Monson, 17 miles east of Springfield, and but 3 1/2 miles from Palmer Depot and the Western Railroad. It is a desirable property for a mechanic of any kind, and will be sold for less than its true value. The Williamian and New London Railroad will pass within half a mile of said place when completed, and a Depot will there be established. Monson contains several large Manufacturing establishments and a flourishing Academy, and when the new Railroad is completed it is presumed that this property, which is now offered for \$1300, will bring at least \$2500. Address (post paid), ALBERT NORCROSS, Monson, Mass., June 1, 1848. j3 tf

**TALBOT'S PATENT REVOLVING BLIND HINGE.**

Important to Builders and others.

THESE Hinges are for opening, closing, locking and completely regulating the blind upon the interior of the house without raising the sash. They are adapted to any kind of house, or style of finish. All communications, whether for the purchase of the article, or of Town, County or State rights, addressed to the subscriber, or to J. W. Ingell & Co., Taunton, Mass., will be promptly and satisfactorily attended to. j3tf L. T. TALBOT, Taunton, Mass.

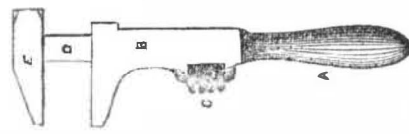
**Premium for Back Numbers.**

WE will pay 10 cents each for 100 copies, No. 16, Vol. 2, Scientific American, delivered at this office, free of expense and in good order. j3td MUNN & CO

**STEAM BOILER.**

BENTLEY'S Patent Tubular and other Boilers of any size, shape or power, made to order, by SAMUEL C. HILLS & CO. [m8 43 Fulton st.

**IMPROVED COACH WRENCH.**



THE above is an engraving of an Improved Wrench, invented by George C. Taft, and manufactured by Newcomb, Dixie & Co. Worcester, Massachusetts.

A, is the handle; B, the stock; C, the screw; D, the slide, and E, the head. The advantages of this Wrench are apparent. In the inside of the stock there is a rack which is worked by the screw C, and this rack is covered up free from dirt, and cannot be injured by a fall or other heavy substance on its working parts, (this quality no other Wrench possesses yet patented.) This screw can be worked with the thumb and all used with one hand. The ease with which this can be done must make this Wrench invaluable to every mechanic, as the fixed jaw is in the handle and the larger the nut to be screwed up or down the greater the lever power.

The above Wrench will be ready for the trade on the 20th of June next. Orders addressed to the subscribers will meet immediate attention. NEWCOMB, DIXIE & CO Worcester, Mass., May 1838. m27 tf

**Ballard's Improved Jack Screw.**

THE advantages of this Screw for Stone Quarries, Railroads, Steam Boiler Builders, and for other purposes are superior to any other similar machine. The improvement consists in being able to use either end of the screw, as occasion requires. It is capable of raising the heaviest Locomotive with ease, being portable, strong and powerful, and not likely to get out of order.

Many Railroad Companies and Boiler makers have them in use, by whom they are highly recommended.

**JACK SCREWS,**

Of various sizes, power and price, constantly on hand at the manufactory, No. 7 Eldridge street, near Division. m20 tf

**Thredgold's Carpentry.**

ONE copy of this valuable work may be had upon application at this Office. It is entirely new and published in 1847. Price \$3. m20 3t

**SPRING STYLE HATS.**

I AM now prepared to offer my old and new customers—for Gentleman and Youth—for Spring and Summer, at wholesale and retail, a very extensive assortment of Hats and Caps—at prices which cannot fail to suit the most economical and prudent purchaser. Store and Chambers—173 Washington street, Boston. W. M. SHUTE. m20 7t

**TAFT'S PREMIUM LETTER COPYING PRESS.**



THE Subscriber continues to manufacture his Premium Letter Presses, at Worcester Mass., and respectfully informs his friends and the trade generally, that he keeps constantly on hand a large assortment, which he offers for sale at reduced prices. Orders by mail will be promptly attended to. GEO. C. TAFT, Worcester, Mass., April 11, 1848. a22 3m

**A. W. Whitney,**

Manufacturer of Machines for Working TIN AND SHEET IRON.

On a new and improved Plan. Also, makes to order Engine and other Lathes of improved construction. All order by mail, or otherwise, will meet with prompt attention by addressing A. W. WHITNEY, Woodstock, Vt., April 17, 1848. a22 3m

**Agricultural Implements.**

Inventors and Manufacturers of superior Agricultural Implements may find customers for their goods by applying at the Agricultural Warehouse of S. C. HILLS & CO. 43 Fulton st. m8

**GENERAL PATENT AGENCY.**

REMOVED. THE SUBSCRIBER has removed his Patent Agency from 189 Water to 43 Fulton street.

The object of this Agency is to enable inventors to realize something for their inventions, either by the sale of Patent Goods or Patent Rights. Charges moderate, and no charge will be made until the inventor realizes something from his invention. Letters Patent will be secured upon moderate terms. Applications can be made to the undersigned, personally or by letter post paid. m3 SAMUEL C. HILLS, Patent Agent.

**Important to the Public.**

IT must not only be important, but interesting to the public to know that what establishment in New York Hats or Caps of the best quality and latest style can be purchased at the cheapest price. The place is Knox's, where may be found every variety of a Hat from a shilling Palm Leaf to a Five Dollar Beaver, or a Cap from a two shilling oil cloth to a beautiful new style cloth for \$1.50. Knox's is the place—128 Fulton street. m30 3m

**Fire and Burglar's Alarm.**

THIS important and humane invention to which we often recur, is getting to be truly appreciated. Any one desiring to embark in a safe and profitable business which requires but little capital is requested to communicate to this office where rights may be obtained for any Territory which is not already occupied. The inventor will instruct purchasers of rights how to adjust the machines properly, without extra charge. (Address at this Office (post paid).) m10 tf MUNN & CO.

**PREMIUM SLIDE LATHE.**

THE subscriber is constantly building his improved Lathes of all sizes, from 7 to 30 feet long, and can execute orders at short notice. JAMES T. PERKINS, Hudson Machine Shop and Lion Works, Hudson, N. Y. m11

**Lamps, Chandeliers,**

CANDELABRA, GIRANDOLES, RICH CHINA AND BOHEMIAN GLASS VASES, HALL LANTERNS, &c.

DIETZ, BROTHER & CO.

Washington Stores, No. 139 William street, New York, (one door south of William st.)

ARE manufacturing and have always on hand, a full assortment of articles in their line, of the following description, which they will sell at wholesale or retail at low prices, for cash: Solar Lamps—Gilt, Bronze and Silvered, in great variety.

Suspending Solar Lamps, gilt and bronzed. Bracket do do do Side do do do Solar Chandeliers, do do 2, 3 4 and 6 lights. Camphene Suspending Lamps, gilt and bronzed. do Bracket do do do Chandeliers do do 2, 3, 4 and 6 lights. Girandoles—Gilt, silvered and bronzed, various patterns. Candelabras do do do China Vases and Bohemian Glass Vases do Hall Lanterns, a large assortment, plain and cut. do with stained and Bohemian Glass Lights. Lamp Wicks, Chimneys and Shades of all kinds. Paper Shades, a large assortment of new patterns and styles. OILS—Sperm, Whale and Lard, of the best quality Superior Camphene and Burning Fluid. November 29, 1847. d18 6m

**Gutta Percha Bands.**

THE undersigned have been appointed Agents by the American Gutta Percha Company, and are now in readiness to furnish Bands and Belting of any size or length, at the following

SCALE OF PRICES PER FOOT.

Inches. Cents.	Inches. Cents.	Inches. Cents.
2 1-2 14	5 1-2 38	9 1-2 71
2 3-4 17	6 1-2 40	9 1-2 73
2 3-4 19	6 1-2 45	10 80
3 1-2 20	6 1-2 49	10 1-2 85
3 1-2 26	7 1-2 57	11 90
3 3-4 28	7 1-2 58	11 1-2 95
4 1-2 29	8 1-2 63	12 100
4 1-2 35	8 1-2 67	

All Bands of extra thickness will be made by special agreement. Light Bands for Cotton Mills furnished at short notice. Address: MUNN & CO. New York. m18

**Lap welded Wrought Iron Tubes FOR TUBULAR BOILERS.**

From 1 1/4 to 6 inches diameter, and any length, not exceeding 17 feet.

THESE Tubes are of the same quality and manufacture as those extensively used in England, Scotland, France and Germany, for Locomotive, Marine and other Steam Engine Boilers. THOMAS PROSSER, Patentee, 28 Platt street, New York. d26

**Johnson's Improved Shingle Machine.**

THE Subscriber having received Lette Patent for an improvement in the Shingle Machine, is now ready to furnish them at short notice, and he would request all those who want a good machine for sawing shingles, to call on him and examine the improvements he has made, as one eighth more shingles can be sawed in the same given time than by any other machine now in use. Augusta, Maine, Oct. 1, 1847. J. G. JOHNSON.



The above is prepared to execute all orders at the shortest notice and on the most reasonable terms.

**To Mill Owners.**

HAVILAND & TUTTLE'S Patent Centre Vent Pressure Water Wheel.—These wheels are now in successful operation in many towns in Maine, Massachusetts, and Rhode Island, and are found to surpass in power and facility of adaptation any water wheel now in use. This wheel was awarded the silver medal at the Fair of the American Institute recently held in New York and a diploma at the Mechanics' Fair in Boston.

The wheels are manufactured and for sale by the FULTON IRON FOUNDRY CO., South Boston, Mass.,—where the wheels can be seen and any information concerning them had. Patent Rights for different States, Counties, &c. for sale as above. m35 6m

**Machinery.**

PERSONS residing in any part of the United States who are in want of Machines, Engines, Lathes, or ANY DESCRIPTION OF MACHINERY, can have their orders promptly executed by addressing the Publishers of this paper. From an extensive acquaintance among the principal machinists and a long experience in mechanical matters they have uncommon facilities for the selection of the best machinery and will faithfully attend to any business entrusted to their care. MUNN & CO. a15

**"Lamp Depot."**

Nos. 134 and 136 Fulton st., Sun Building. J. O. FAY has just received from the manufactory of J. G. Moffett, a full and most splendid assortment of Solar Lamps for Parlors, warranted perfect; unequalled in style and beauty of finish—new patterns, the handsomest ever offered for sale, and the cheapest Lamp Store in New York. m26 3m

**Tinner's Machines.**

A. W. WHITNEY'S Patent Improved Tinner's Machines of every description, constantly on hand and for sale by JOHN M. BRUCE & SONS, a22 3m 192 Water st., N. Y.

**CAUTION TO MANUFACTURERS.**

ALL Persons or Companies using E. Richmond's Patent Coiler, without authority, are requested to make immediate application to him at Taunton, Mass., for the Right as any attempt to use or build the same, contrary to law, will be promptly dealt with accordingly. a22 2m E. RICHMOND, Patentee