

TO CORRESPONDENTS.

J. G. of R. I.—We have as you desired, forwarded your letter to H. J. B. C. of Washington.

“W. S. of Vt.”—We have answered you by mail.

“J. B. of Mass.”—The improvements spoken of as having been made in England on the steam engines, so that a vessel will be able to cross the Atlantic in six days, is too good news to be true.

“E. W. & W. S. of Ct.”—We know of no braiding machine for making straw hats in operation. A machine for braiding thread, such as braces, &c., has been long known, but it would not answer for straw braiding.

“T. K. of Michigan.”—We have received your letter, but we are not yet able to judge of its merits, only it must be a wonderful invention, and is certainly a great discovery as you relate. We shall be glad to see you along with it.

“J. T. Packard, of Mass.”—Your letter was rather late in coming.

“S. T. of Md.”—No doubt but you are anxious to know the decision of the Patent Office, but we cannot give you any advice.

“J. L. V. of N. Y.”—We cannot conceive how you make the effective pressure of steam in the cylinder the same as that in the boiler. We know the old theory, but was it correct—was it the result of fair experiment? We think not.

“R. J. M. of Ohio.”—Get an engraving of your machine published in the Scientific American. It will bring the invention before 11,000 subscribers and 20,000 readers.

“S. K. L. of N. Y.”—Your cut will only cost \$6, and be yours for the printing of bills, &c. It will be of ten times that benefit to you.

“R. Y. of Pa.”—No other kind of water but the ocean is used by steamships.

“J. W. W. of Md.”—Send us one dollar and we will send to you a copy of the Patent Laws for all nations, which will give you all the information you desire.

“G. W. of Ct.”—Your idea relative to the petition would indeed be like a bomb-shell in the camp. It is not, however possible to tell the month of examination, as each class comes up in order, not always as placed on file with another class.

“Errata.”—In our article last week on Seidlitz Powders, for “Glauber salts,” read Rochelle salts.

Universal History.

No. 4 of this excellent work, published by Mr. Graham, Tribune Buildings, has just been issued from the press. It contains the history of the ancient Ethiopians and the tribes of Palestine.

The People's Library.

This is a new work just commenced, and published by J. M. A. Esty, Ogdensburg, N. Y. It is an encyclopaedia of Science and Biography, and it possesses the quality of being multum in parvo.

Valuable Bridge.

The bridge between the villages of Brunswick and Topsham, Me has been rebuilt eight times within the last 42 years. The owners have kept it in good repair, and always have replaced it as speedily as possible after it has been destroyed by fire, or swept away by freshets.

Girard College.

The Girard College is almost a failure at last. The architect has come out in a regular report against the work of his own genius, and declares that the reverberations of the recitation rooms is so deafening, that they will be useless for the purposes of their construction.

New Salt Spring.

A vein of salt water, sufficient to turn an overshot mill, burst through a rock on the farm of Milton Smiley, in Cumberland county Ky., on the 26th of May. This water will produce a pint of salt to every two gallons. The rock from which this stream of salt water gushes, burst open about five years ago with a terrific report.

To Our 20,000 Readers.

Neighbor Knox, whose establishment is directly under our office, desires us to inform all our readers that he has got as splendid an assortment of summer hats as ever he had, and moreover, that he is willing to sell them very cheap.

Our Country friends who visit the city on the Fourth, are invited to give him a call.

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.

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.

Table with 2 columns: Description of ad space and Price. Includes rates for one square, two lines, three do., one month, three do., six do., twelve do.

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Table listing general agents for the Scientific American in New York City, Boston, and Philadelphia.

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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.

TO INVENTORS, MANUFACTURERS, &c.

GILROY'S American and Foreign Patent Agency; and, for the sale of Patents Rights and Manufacturer's Articles, 71 Nassau st. corner of John st. New York.

For integrity, the undersigned refers to:—Horace Greeley, Esq. Tribune Buildings, New York; Wm. H. Starr, Esq. 69 Beekman st. New York; John & Worth, E. q. Newark, N. J.

CLINTON G. GILROY, Author of the “Practical Treatise on Dyeing and Calico Printing,” “Pastoral Life and Manufactures of the Ancients,” “Wonders of Nature and Art,” &c. Messrs. Harper & Brothers, the publishers of the two first named works have already paid us nearly \$3,000 on the copyrights.

Premium for Back Numbers.

WE will pay 10 cents each for 100 copies, Nos. 1 and 16. Vol. 3, Scientific American, delivered at this office, free of expense and in good order.

A NEW PROSPECTUS

FOR THE New York Weekly Sun.

July 1st, 1848. Original Stories! Great Improvements. Engravings every Week.

The obstacles arising from the construction of the “Lightning Presses” upon which THE WEEKLY SUN is printed having been overcome, the customary engravings will hereafter appear regularly.

THE WEEKLY SUN is a large and interesting family paper, containing THIRTY-TWO LONG COLUMNS of interesting matter and is the most complete weekly family paper published. It is the first Dollar a Year Weekly ever started, being now more than twelve years in existence.

CIRCULATION OF OVER 30,000 COPIES, all of which are mailed to subscribers on Wednesday of each week.

THE CONTENTS of the paper are unequalled in interest and intrinsic value, comprising from

ONE TO FIVE BEAUTIFUL ENGRAVINGS every week, furnished at great expense. A correct Bank Note Table—Weekly Summary of Foreign News—Congressional Proceedings, etc. etc. and give at a glance a picture of the whole world, leaving nothing undone which can tend to interest, amuse or instruct the reader. The price of the paper is

One Dollar a Year

for single subscriptions, so that any person may receive a copy at any time by sending the direction and enclosing by mail. (Postmasters will frank the letters)

WHEN SENT IN CLUES, Six Copies for : : : Five Dollars. Thirteen Copies for : : : Ten Dollars. Over thirteen copies at the same rate.

LOWER TERMS have been decided upon in case of mailing the whole package to one person.

Five Copies for : : : Four Dollars. Eleven Copies for : : : Eight Dollars. Twenty-five for : : : Sixteen Dollars. Seventy-five for : : : Fifty Dollars.

All Letters, Remittances, or Communications should be addressed (post paid or franked) to M. Y. BEACH & SONS, Sun Office, New York.

To Cotton Manufacturers.

THE Subscriber will furnish Cotton Manufacturers with his improved Cotton Willow. The fact of its being introduced into most of the best mills in New England is the best proof of its excellence. It is extremely simple in its construction and will do more and better work with a less expenditure of power than any other Willow; it prepares the cotton so much better than any other that there is much less power and repairs needed on the succeeding machinery.

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.

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

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.

Worcester, Mass., April 11, 1848.

Stave Dressing Machine.

THE undersigned are manufacturing and have now in operation, a machine for Dressing Hired Staves, which will dress 126 hoghead or 170 barrel staves per hour, with ONE HORSE POWER, and with TWO HORSES WILL DOUBLE THE NUMBER.

STEAM BOILER. BENTLEY'S Patent Tubular and other Boilers of any size, shape or power, made to order, by SAMUEL C. HILLS & CO.

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.

Lap welded Wrought Iron Tubes FOR TUBULAR BOILERS.

From 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.

JOHNSON'S Improved Shingle Machine.

THE Subscriber having received Letter 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.

GENERAL PATENT AGENCY. REMOVED.

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

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.

WOOD ENGRAVE. 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.

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.

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.

Important to the Public. IT must not only be important, but interesting to the public to know at what establishment in New York Hats or Caps of the best quality and latest style can be purchased at the cheapest price.

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.

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.

Johnson & Robbins, Consulting Engineers and Counselors for Patents.

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.