

TO CORRESPONDENTS.

"H. C. of Geo."—You will have received your india rubber by this time. We know of no person at present who wishes to embark for a foreign patent.

"W. S. H. of N. Y."—Ashur's Practical House Carpenter, costs \$5. Every No. of Ranlett costs 50 cents. You have the life of poetry within you, but if you re-examine and rewrite, you will find room for improvement.

"A. B. of Ct."—Your planes arrived in good order. They look very neat and will undoubtedly answer well. We are proceeding with your Patent business and in a few days you will hear from us.

"D. V. of Ohio."—Such a brake as you mention would be of great value. Please send us a more full description. Nos. 1 and 2, Vol. 3, are all gone. \$2, all right.

"A. B. of Wheeling."—We were happy to receive yours on the 23d. Accept our thanks \$3.

"W. E. of Pa."—There are a great number of Brick Machines. Mr. Grant of Providence, R. I. has a good one, also J. W. Ward of Cambridge, Mass., also Mr. Adams of Canterbury, Orange Co. N. Y. The latter gentleman's machine we have seen and it is good.

"J. B. F. of N. Y."—Your caveat and drawings are received. We cannot afford to examine your invention as minutely as you request, and reply to all the enquiries made, without being partially remunerated for the time it will require to examine it.

"C. L. Y. of Ohio."—We have answered you before. Ear trumpets are made in this city, and no doubt in Cincinnati also.

Some of our correspondents must excuse us from replying to them till our next number. We are getting "posted up" now, and will attend to the wants of all our friends without further delay.

International Postage.

The proposition made by the Marquis Clancricarde, the British Postmaster General, to Mr. Bancroft, and declined by the latter is to the effect: that the sea postage of ninepence sterling should be the rate paid to the steamer (English or American) on each letter, and threepence sterling should be the British inland postage—for which it would be delivered to all parts of the country including transit postage to the Continent.

The Niagara Falls Suspension Bridge Case.

We are happy to hear that the parties who took violent possession of the east end of the Suspension Bridge, were, on the 11th inst., brought before his honor Judge Gardiner, (Lockport,) for a riot, and bound over to the Court of Oyer and Terminer, and General Jail delivery.

The Judge, in deciding the law, gave it as his opinion that Mr. Ellet had no possession or right of possession in the locus in quo, except as agent of the Company, and that this possession was their possession, which they had a right to end whenever they pleased.

The case was ably argued on both sides.—Counsel for the Company, Nathan Dayton and Lot Clark; for the Defendants, John T. Bush and George Clinton of Buffalo, and Joshua A. Spencer of Utica.

Improvement in Railroad Cars.

Messrs. Nettleton & Bartlett, Car Makers, in Springfield, Mass. have made some very important improvements in Cars for grading roads, transporting coal, brick, stone and other freight. The cars are what are generally termed Dumping Cars, and are so constructed that they receive the tonnage upon the top of the trucks and upon full bearings, thus dispensing entirely with the "suspended rocker," which holds the tonnage upon two points only.

The cars are brought lower down, about the height of common freight cars, so that they can be joined with any train of freight cars with the utmost safety, and this is certainly a great advantage over the common kind. The tonnage is borne along as steadily as if on the platform of any freight car, and they are made so as to discharge the load (almost self-acting,) farther from the truck, more easily than by the "rocker car."

The cars of the above gentlemen, well known in the railroad world, have been tried since July last, to the great satisfaction of the able superintendent, Isaac Hinckley, Esq., of the Providence and Worcester Railroad, and another train has been ordered to be constructed to transport coal up the valley of Blackstone, R. I.

We have seen a model of these cars and testimony of their practical results. In a short time we will be enabled to present a more minute description with an engraving.

Picket Machine.

The machine for turning Pickets which was represented in our last number has been sold.

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.

Advertisements are inserted in this paper at the following rates:

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., and twelve do.

TERMS:—CASH IN ADVANCE.

GENERAL AGENTS

Table listing general and local agents for the Scientific American across various cities like New York, Boston, Philadelphia, Albany, etc.

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.

Johnson's Improved Shingle Machine.

THE Subscriber having received Letters 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.

The Best Patent Agency in the United States.

THE subscribers would respectfully give notice that they still continue to attend to Patent Office business as usual. The long experience they have had in securing patents, together with their unrivalled facilities, enables them to say that THE BEST PATENT AGENCY, in the United States, IS AT THE OFFICE OF THE SCIENTIFIC AMERICAN, New York.

The largest, best and cheapest Dictionary in the English language, is confessedly WEBSTER'S.

The entire work, unabridged, in 1 vol. Crown Quarto, 1452 pp. with portrait of the author, revised by Professor Goodrich, of Yale College. Price, \$6.

"The most COMPLETE, ACCURATE, and RELIABLE Dictionary of the Language," is the recent testimony given to this work by many Presidents of Colleges, and other distinguished literary men throughout the country.

Containing three times the amount of matter of any other English Dictionary compiled in this country, or any Abridgment of this work, yet

"Its definitions are models of condensation and purity. The most complete work of the kind that any nation can boast of."—HON. WM. B. CALHOUN.

"We rejoice that it bids fair to become the standard Dictionary to be used by the numerous millions of people who are to inhabit the United States."

—Signed by 104 members of Congress. Published by G. & C. MERRIAM, Springfield, Mass., and for sale by all booksellers. \$23 2m\*

To Mill Owners.

HAVLAND & 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.

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. \$14 3m\*

Those Hats

KNOX of 128 Fulton street, is on hand with his Autumn style of Hats, and as usual furnishes a little prettier shape, made of a little better material and for a much less price than many of his Broadway friends who boast of the superiority of their productions.

The public won't swallow that gammon, gentlemen, and you had better put your prices down to Knox's standard price, before he detracts all those regular customers from Broadway into Fulton st. 07

THE WEST STREET FOUNDRY, corner of Beach and West streets, will furnish at the shortest notice, Steam Engines and Boilers in all their varieties, and on the most reasonable terms, together with castings of brass or iron, and machinery in general. Orders attended to with dispatch, and particular attention given to repairing.

JOSEPH E. COFFEE, AGENT. Steam Boats, Engines, Machinery, &c. bought and sold on commission—apply as above. \$23 3m0

TALBOT'S PATENT BLIND HINGE.

THE undersigned having become interested in the manufacture and sale of the above article, would state that their facilities are such, that they can supply any demand at short notice. This hinge, having stood the test of two years trial, has fully established itself as a useful and important invention, being all that can be desired for blind trimmings, as the blind is managed entirely from the inside of the house without raising the sash, completely locks it, and prevents all unpleasant noise of the blind by wind.

American Window Trimming Company, Taunton, Mass. Address GEO. GODFREY, Agent A. W. T. Co. \$23 3m

PECK'S PATENT VISE WITH FOOT LEVER.

THIS Vise is worked entirely by the foot and is admitted by all who have used them to be the best and, strength, saving of time and convenience considered, the cheapest Vise in use. For sale by QUINCY & DELAPIERE, 71 John st. New York; Geo. H. Gray & Co. Boston; Curtis & Hand, Philadelphia; Way & Brothers, Hartford; and by the proprietor, J. S. GRIFFING, New Haven, Ct. \$7 2m\*

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 \$26

STEAM BOILER.

BENTLEY'S Patent Tubular and other Boilers of any size, shape or power, made to order, by SAMUEL C. HILLS & CO. \$28 43 Fulton st.

Judson's Stave Dressing Machine.

THIS Machine, on which Letters Patent were granted May 1st, 1847, has been in successful operation for the past year, and hundreds of thousands of staves have been dressed by it. It is warranted to dress the same quantity of staves with as little power as any that can be started, also leave the full thickness on thin edges and thin ends, and conform as near to the crooks and twists of the timber as can be desired.

The jointing of the machine which accompanies it, has been subjected to the severest test, and pronounced superior to that performed by hand. Application for a patent on the Jointer has been made.

Large quantities of Hogsheds and Shooks made with staves dressed and jointed with their machines have been sold and used to the entire satisfaction of the purchasers.

For rights and machines address the proprietors at their Manufactory, Artizan street, New Haven, Connecticut, where machines in full operation may be seen. JUDSON & PARDEE. New Haven, July 17, 1748. \$29 3m\*

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.

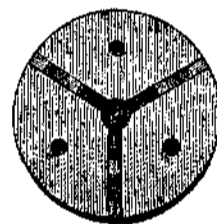
Charges moderate, and no charge will be made until the inventor realizes something from his invention. Letters Patent will be secured upon moderate terms. Applications can be made to the undersigned, personally or by letter post paid. \$28 SAMUEL C. HILLS, Patent Agent.

Johnson & Robbins,

Consulting Engineers and Counselors for Patentees. Office on F street, opposite Patent Office, Washington, D. C. \$17 1f

Saws.

LEAVITT & M'DANIEL, Concord, N. H., make of the best cast steel the following Saws:—Circular, Mill, Tennon, Cross-cut, Fellow and Veneering Saws. Also, Turning and Billet Webs, and Butcher's Bow Saws. No saws ever made equal to their cast steel Mill Saws. The trade supplied on liberal terms. \$23 2m\*



UNIVERSAL CHUCKS

FOR TURNING LATHES. For sale by the Manufacturer's Agents, QUINCY & DE LA PIERRE, 81 John street New York. \$2 3m\*

Coal.

THE Subscriber has constantly for sale by the cargo or ton all sizes of Coal for MANUFACTURERS and FAMILIES, from the best Schuylkill and Lehigh mines. Hazleton and Spring Mountain, lump and steamboat Coal. Tamaqua Chesnut for engines.—Peach Orchard and other red ash Coal. Midlothian, Virginia, a superior article for smith's use. Cumberland, Sidney and Liverpool Coal. For sale at the lowest market prices. J. P. OSTROM, \$5 3m\* corner 10th Avenue and 26th st.

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 Iron Works, Hudson, N. Y. \$11

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. \$5

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. \$15



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

United States Patent Agency. 112 Broadway, N. Y.

MESSRS. LEROW & CO. would inform those interested in Inventions and Patent Rights, that they have opened an Office at 112 Broadway, for the exclusive sale of Patent Rights and Machines, and they would respectfully solicit the Agency of any new Inventions or Machines. As we shall advertise extensively all machines that are consigned to us, this will be a most favorable opportunity for all wishing to bring their invention before the public. Persons at a distance wishing any kind of Machinery, by addressing us by letter, can obtain any information they desire. LEROW & CO. JOHN A. LEROW, CHARLES E. HUTCHINSON. Refer to: John Lorimer Graham, N. Y.; Walworth & Nason, Boston; Lewis Lerow, Boston; Rev. R. W. Cushman, Washington \$21 2f

POWER TO LET—RARE CHANCE.

THREE rooms, 40 feet square, one room 60 by 40 feet, 2nd floor, power from engine, 25 in. cylinder, 4 1/2 feet stroke. Let together or in parts. Apply at West street Foundry, corner of Beach and West streets. \$28 3m