

"J. B. C. of Ala."—By a differently constructed boiler from yours and the use of coal you could save much in fuel.

"H. B. of N. H."—We understand that the drawings of which you enquire, are about being published and as soon as we receive some copies we will notify you through the Scientific American.

"J. B. E. of Pa."—We shall publish next week—just one hour too late for this paper.

"B. D. C. of Ct."—We are yet able to furnish the 3d volume of the Scientific American neatly bound for \$2.75, or in sheets complete for \$2, accompanied with an Index.

To Patent Correspondents.

"J. R. of N. Y."—We suppose you wish to enter a Caveat at the Patent Office, as there is no other way by which you can notify them of your invention except to your own disadvantage.

"C. & G. of Ohio."—We think there is nothing to prevent the success of your application for a Patent and it will hardly be worth while to go to the expense of an official examination.

"D. V."—We are not disposed to accept your offer.

"T. A. D. of Ky."—The principle you present is not new, besides it is covered by Morse's Patent. It will, we think be a useless expense to apply for a patent.

"I. A. of Pa."—We have had as many as six letters from persons who say they have invented the same thing also. No patent can be obtained we think.

"H. C. B. of Ohio." We are acquainted with the express line between N. Y. and B.—cannot get any trace of your box. We had one from your place a while ago which was very long in coming.

"H. C. of Ga."—We could not ourselves nor do we know of any one who would undertake to secure your Patents on the terms you name. The expense of a patent is quite trifling and if you try you can doubtless find some one of your acquaintances who would join you.

"L. F. M. of N. Y."—You could not patent the application for fastening doors. There is nothing about it you can patent unfortunately. We have not time to look up any one to make them.

"E. F. W. Pa."—We have since ascertained that the same invention was discovered a long time ago, and we now think you could not obtain a Patent.

"G. S. D. of Mass."—We do not think it would pay you to get it patented. It is a very good thing but too many patents have already been granted on similar constructions.

"S. G. Jr. of N. H."—In our opinion you could not obtain a patent for the application of Gutta Percha to the purpose you name nor for the method of applying water, as it is not new.

"S. T. of N. H."—Your papers will be ready in a few days. \$30 all right.

"J. C. M. of Mich." A model is indispensable as they require one at the Patent office and we must make the drawings from it.

"A. Mc. A. of N. Y."—So long a period has elapsed that you could not obtain a re-issue, nor if it were possible should we wish to undertake the case on the terms you name.

"H. L. M. of Ct."—We have known of one or two instances where machines have been stopped by Gibson, though we do not think it an infringement on Woodworth's Patent.

"J. P. of Mass."—It is impossible to say with certainty whether you could obtain a Patent or not for your mode of preparing glue. You could if it is entirely new and really useful.

"D. of N. Y."—Send on your model.

"J. & N. E. of O.," "M. & M. of Mass.," "B. D. S. of Pa.," and "H. G. F. of Ct."—Your specifications have been received since our last issue and sent with the drawings to Washington.

"S. G. W. of N. Y."—Both of your specifications came duly to hand and the amount received is all right. They have been forwarded to the Patent Office. Your Corn Sheller will appear in our next number.

Robbery of the Mail.

On last Saturday evening the Way Mail for the South was robbed in the City of Philadelphia. We are afraid that some of our Southern correspondents may miss their letters as we sent away quite a number on that day.

The List of Patents.

Our regular weekly list of Patents had not arrived from the Patent Office when we went to press.

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 (e.g., One square, of eight lines one insertion) and Price (e.g., \$0 50).

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GENERAL AGENTS FOR THE SCIENTIFIC AMERICAN.

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

CITY CARRIERS.

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.

SUPERIOR ENGINE LATHES.

We are manufacturing and selling at our establishment in New London, Ct. a superior article of Screw Engine lathes and also hand lathes of every dimension at an extremely low price.

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.

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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 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."

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To Mill Owners.

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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.

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

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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.

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. SAMUEL C. HILLS, Patent Agent.

Johnson & Robbins, Consulting Engineers and Counselors for Patenteers. Office on F street, opposite Patent Office, Washington, D. C.

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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. FERKINS, Hudson Machine Shop and Iron Works, Hudson, N. Y.

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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. 116

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. \$28 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, 07 2m* New Haven, Ct.

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

Daniel's Patent Planing Machine.

WE have now on hand one of these machines which we will dispose of for the very low sum of \$250. It is capable of planing boards, lumber or any stuff from 16 ft. long by 22 inches wide, down to pieces of the smallest dimensions. It is so simple as to be easily managed by a boy, and operates with great rapidity and beauty. Any number of pieces of different thicknesses or lengths can all be planed down even at one operation. It performs a day's labor of one man in 20 minutes.

We can send it with perfect safety to any part of the United States. MUNN & CO. Scientific American Office, New York. Letters must be Post Paid. n18

POWER TO LET—RARE CHANCE.

THREE rooms, 40 feet square, one room 60 by 40 feet, 2d 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. \$23 3m

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THIS Machine is now in operation at Mr. William Burdon's, 102 Front st., Brooklyn, every working day, between 9 and 12 A. M. It dresses and joints properly, and with facility, the rives, or other stave, of ALL shapes and dimensions, without assorting and without waste of stock. It needs only to be seen to be approved. n4 8w*

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Also for sale, a first rate up and down saw for sawing out curves. It is in complete order, already set in frame, with table, fly wheel, band pulley, &c.—Length of saw 2 ft. 6 in. Price for the whole \$25.

They can be sent with perfect safety to any part of the country. Any one wanting either or both the above has only to enclose the amount named and the saws shall at once be forwarded. MUNN & CO. Scientific American Office, New York. \$4