

you though during these hard times you must not expect much. Your inventions seem to be useful, and would be profitable to any one who would engage in their manufacture.

"J. F. H. of Ct."—We do not remember what egg hatching machine you refer to.—There were several here awhile ago, but none now. There is no question as to the practicability of hatching eggs by heat. It was very extensively practised by the Egyptians 3000 years ago. We believe the machines you refer to were warranted, but it took some time for a person to become accustomed to them besides much attention. We like the old plan of brick ovens best, as the bricks retain heat a long time. At Hoboken, near New York, there is a chicken establishment where chicks are hatched by steam at the rate of 300 per day.

"H. W. C. of Mass."—The price you ask is more than we should wish to give for the invention unless the payments could be arranged to suit ourselves. Would you assign one half the whole right for the consideration of having the patent taken out and the prospect of their general introduction.

"M. P. of Mass"—We have an excellent two horse engine and boiler all complete for running, price \$210. The amount must be paid down, however. We do not know of any which could be obtained on the terms you mention.

"A. P. F. of N. Y."—Do not think we have forgotten you. Your cuts shall appear very soon—perhaps next week.

"J. G. J. of Me."—We don't know the size wanted. Please send us prices for different sizes as soon as possible.

To Patent Correspondents.

"O. K. of Mass"—Your model will answer as well soldered as if fastened with rods. They will give you a Patent for only what is new, but this does not prevent you using old parts with it. Send the model by Express.

"A. H. of N. J."—When you were in New York a while since to affirm to the Patent papers we made out for you, you will remember you left rough diagrams of three inventions with us. We have since examined them. We like the Blower better than either of the others, though the valve is good. You would not gain much with the engine either in simplicity or cheapness. We should advise you to Patent the Blower.

"M. C. of Pa."—You have no idea how many inventions are lost or rendered valueless by the wrong preparation of the Patent papers. The mere insertion of a single word in the wrong place is sufficient to ruin or so injure an invention as to destroy its worth. Notwithstanding the great number of Patents which we are constantly securing, and with all the experience we have had for years among inventions and machinery, we still make it a point never to hurry or slight the patent papers of an invention, no matter how simple. Every invention secured by our establishment receives the most deliberate examination—and not until we are thoroughly satisfied that all is right do we allow it to go. The result is that inventors have no further trouble and they sell their rights without difficulty.

"L. M. F. of N. Y."—Your contrivance for fastening doors is most useful and convenient. It is better than any thing invented for the same purpose as it occupies less room, is simple and costs but a trifle. We are sorry to say, however, that you cannot Patent it, as a similar thumb screw has long been known. We think a great many could be sold; we have no doubt that we could ourselves dispose of a large quantity. Suppose you make up a gross and try them. They will answer for use about dwellings as for travellers. If our government granted a Patent for an old invention it was through ignorance of its previous discovery.

"J. C. of Pa."—A patent was granted to the person you name in 1841. We can send you a copy of his claims for \$4. We can obtain for you a copy of his Patent from the Patent Office for about \$12, perhaps a little less. This would include copies of the drawings accompanying it. We did not find any description of your invention. You stated in the letter that it was enclosed, but we did not receive it.

"D. D. Y.," "G. & W. G.," "C. E. G." and "A. N. M."—Your specifications, drawings

and models were all sent to the Patent Office last Monday.

"S. G. W. of N. Y."—Both of your specifications and drawings were finished last Saturday and on Monday were sent to your address by Wells & Co.'s Express. Please make oath to the documents and after signing them as prescribed in the directions sent you, return them to this office as soon as possible.

"G. W. H. of N. Y."—Your letter and drawing were duly received. We can do nothing until you send the model. Send \$30, the U. S. fee, at the same time.

"B. A. of R. I."—You may expect your papers next week.

Machine for Mortising Hubs.

We have enquiries from a Southern gentleman in regard to a machine for the above purpose. Any one having such machines for sale are requested to send us their prices. Letters should be Post Paid.

Engravings on our Front Page.

The angle of the wheels in figure 1, shows the manner in which the wheels can be moved, but while the car is moving on a curve, the front and hind wheels describe (a known mathematical theorem) different angles. This we mention to prevent mistaking the idea of its operation.

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:

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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.

Seventy five per cent Discount.

FOR SALE at this office a large lot of wood engravings, representing all kinds of Machinery and many New Inventions. The cuts are in perfect order having only been used on the Scientific American for one edition each, and will be sold at less than one-fourth the original cost.

To a country paper nothing would so greatly enhance its value and increase its circulation as occasionally publishing a description with an engraving of some new and useful invention. Publishers can remit any amount of money they choose and select from such engravings as we have published in the Scientific American from time to time stating the No. of the paper in which they appeared and their orders shall be applied on terms as reasonable as though they were at the office to select and bargain for themselves. Address MUNN & CO., at this Office.

We will act as Agents for all that may wish to introduce improvements into this State, and all letters post paid enclosing one dollar will receive prompt attention. GEORGE JOHNSON & CO. Reference:—Gov. Drew; Ex-Gov. Adams—both of Little Rock, Arkansas. Little Rock, Arkansas, Oct. 17, 1848.

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. It is not necessary, as commonly supposed, for an inventor to make a journey to Washington in person, in order to secure a Patent, as he cannot in any manner hasten the Patent or make his invention more secure. Any business connected with the Patent Office may be done by letter, through the SCIENTIFIC AMERICAN OFFICE, with the same facility and certainty as though the inventor came in person. From a want of knowledge on this point, applicants for patents are often obliged to submit to great vexation, with loss of much money and time. They also frequently fall into the hands of designing persons, and lose their inventions as well as money. Those who wish to take out Patents or enter Caveats, should by all means have the business transacted through the SCIENTIFIC AMERICAN OFFICE, as they may then rely upon its being done in a straight forward and prompt manner, on the very lowest terms. All letters must be Post Paid and directed to MUNN & CO., Publishers of the Scientific American, 128 Fulton street, New York.

Portable Saw Mill.

FOR SALE CHEAP.—A first rate up and down saw, for boards, planks and heavy work, already fitted up with frame, table, fly wheel, &c. Length of saw 4 feet 6 inches. Price for the whole \$60.

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.

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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. Manufactured at Augusta, Me. and Albany, N. Y. J. G. JOHNSON. Augusta, Maine, Oct. 28, 1848.

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

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Published by G. & C. MERRIAM, Springfield, Mass., and for sale by all booksellers. \$23 2m*

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. \$14 3m*

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THE patent Asphaltic Roofing Felt has been extensively used in England for many years, and is an article that for strength, durability, and fitness for all kinds of buildings—dwelling houses, sheds, barns, Conservatories &c. cannot fail to recommend itself. Cheaper than shingles—LIGHTER than slate, SUPERIOR to zinc for flat roofs (as it is not affected by heat or frost) it makes a neat and elegant roof whether covered by PAINT, or Tar composition and sand. 13 yards wide Cover 10 feet square—it comes in rolls 32 inches wide, and a person of ordinary ingenuity can complete a large roof in a few hours. Samples and information respecting it will be forwarded on application (post paid) to SAMUEL RITCHIE & Co., Agents, East Boston, Mass.

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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 rived, or other stave, of all shapes and dimensions, without assorting and without waste of stock. It needs only to be seen to be approved. \$4 8w*

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 3m

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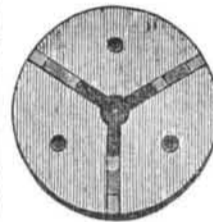
THE SUBSCRIBER has removed his Patent Agency from 189 Water to 43 Fulton street. The object of this Agency is to enable inventors to realize something for their inventions, either by the sale of Patent Goods or Patent Rights. Charges moderate, and no charge will be made until the inventor realizes something 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 Counsellors for Patentees.

Office on F street, opposite Patent Office, Washington, D. C.

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