

bic feet of air contained in the building you wish to warm with hot water, and you may easily know the size of the boiler required for your purpose. Every cubic foot of water evaporated in a boiler at a pressure of 15 lbs. to the square inch will heat 2000 feet of enclosed air to an average temperature of 75 degrees, and each square foot of surface of steam pipe will warm 200 cubic feet.

"A. J. P. of C. W."—Accept our thanks for your manifested kindness. The letter and contents were received duly and the latter have been used as you requested. We Telegraphed to Mr. McG. as you desired.

"A. E. L. of Ct."—The amount you sent is sufficient. You will receive written directions from us shortly. We wish that all who communicate with us would follow your example and send us, when they write, what they think they can afford in proportion to the value of the information they desire, instead of ending their letters with "Please send us the amount of your bill and I will cheerfully pay it."

"G. H. E. of S. C."—In what No. of the Scientific American did you see the book mentioned? We cannot find it.

"W. M. of Ga."—The papers you desire are herewith sent. The lowest price for which you can obtain a press is \$450. It will occupy a space of about 5 ft. square. Do not know what price the seed you mention would bring here. Most assuredly a person makes himself liable by using another invention without consent, whether for private use or not.

"A. B. of Ohio."—We can give you all the information you desire for \$10. It will take some time to write out all the directions and if the amount named is agreeable please signify it by letter.

"W. T. of Ga."—We can send you a copy of Ewbank's Hydraulics bound for \$2 50, or all the numbers not bound for \$2. Your money is received.

"E. F. B. of N. J."—We shall have some engines soon of the power and construction you mention and will then inform you of their price. We hope always to supply you and those who through your example were induced to subscribe, with the Scientific American.

"H. C. of Charleston, S. C."—We know of no machine invented by J. G. Wilson & others to supersede the Woodworth Planing Machine, but Mr. Wilson and others, own the Woodworth patent. Mr. Wilson resides in Philadelphia. We can send you the claim of Mr. Emmons, but that would give you little information and without the drawings and specification, you could not get a full knowledge of the invention. These can be got by paying the Patent Office for a copy.

"N. J. of C. W."—Next week we will notice the P. O. system. \$6 received.

To Patent Correspondents.

"H. H."—Iron bedsteads of all descriptions have been in use for several years. Indeed we have in our own possession a splendid cast iron one which we think is far preferable to wood. It is made similar to the fashionable French bedsteads and from the beautiful manner in which it is enamelled and decorated no one would suppose it to be iron. It consists of four cast posts in the bottoms of which castors are placed. The head and foot are of thick sheet iron. It has two side rails upon which are flanges inside to support common wooden slats for the bed. It is for two persons, weight about 300 lbs. Your plan is preferable on account of its lightness and the ease with which your bedstead can be taken down, but we should not advise you to go to the expense of a patent, though we could easily obtain one for you. When you have leisure please send us the drawings and if we have room we will give them a place. \$1 all right.

"J. & N. E. of Ohio."—Your Specification and other papers were sent to your address last Saturday. Please place your signatures to them and return as speedily as possible.

"G. B. M. of Texas."—Your cut off is new to us and from your description we judge it to be a very valuable invention. Should advise you to secure it by Patent as soon as possible. Be careful whom you employ to draw up your papers. If you can send us the model we can do the business for you and you could then rely upon its being done right.

"H. W. of N. Y."—If your invention ope-

rates well and you say it does, it is worth a fortune. You should secure it immediately. You can patent your improvement but you could not use it for turning irregular forms unless you steer entirely clear of Blanchard's claims. Can you not send us a more particular description? \$1 all right.

"E. R. B. of Wis." and "N. E. C. of Conn."—Your specifications were sent to your address for signatures on Tuesday last.

"A. P. C. of Mass."—Any improvement you wish covered by the Patent must be embraced in the model, and it will therefore be necessary for you to send us a new model. The improvement you have made is an important one and should not be slighted. If you can alter the model we have we will send it to you.

Will the gentleman who engaged us to make the drawings of an improved chopping machine please send his address to this office.

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.

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\$1,500 REWARD.

UNITED STATES PATENT OFFICE, Washington November 9, 1848.
ROBBERY OF THE PATENT OFFICE.—On the night of the 8th instant, the following articles were stolen from the National Gallery in the Patent Office:
 Gold Snuff-box set with diamonds.
 Gold Scabbard, belonging to the Sword presented to Com. Biddle.
 Gold Medal, struck by order of the Senate of Hamburg, at their centennial commemoration of the establishment of their Constitution.
 Silver Medal, duplicate of the same.
 Gold Medal, commemorative of the delivery from assassination of Gen. Bolivar.
 Gold Medal, struck in Peru in 1821.
 Do do do do in 1828.
 Gold Medal from Napoleon.
 Silver do do do.
 Silver Medal of Rio de la Plata, 1813.
 Roman Gold Coins.
 Pint bottle of Ottau of Roses.
 Pearl Necklace.
 Two extra Pearls in the gold snuff-box, which was taken.
 Twenty-one Medals of copper and silver, of Gens. Wayne, Greene, and other Generals.
 The reward above stated will be given for the recovery of the property above mentioned, and the conviction of the thief or thieves by whom it was taken, or for the information which will lead to the recovery of the property and the conviction of the thieves.
 EDMUND BURKE,
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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, timber 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 30 minutes.
 We can send it with perfect safety to any part of the United States.
 MUNN & CO.
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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.
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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.
 Patent Rights for different States, Counties, &c. for sale, as above. o14 3m

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THE patent Asphalt 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.
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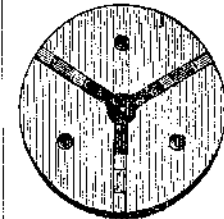
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WE will act as Agents for all that may wish to introduce improvements into this State, and all letters post paid enclosing one dollar will receive prompt attention. GEORGE JOHNSON & CO.
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