

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.

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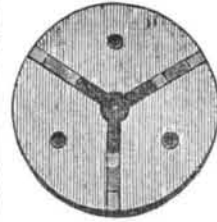
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