

TO CORRESPONDENTS.

"D. Z. of Pa."—You will see a Glaze for Earthenware without lead, on page 392, vol. 3. Nothing deleterious in it.

"G. H. of N. C."—We again repeat that enquiries from non subscribers will receive no attention.

"A. B. W. of Mass."—Your model is received but we have not had time yet to examine it as thoroughly as we design to before we advise you concerning a patent. A cut of it shall appear in due time, though with your permission we prefer to take it in regular order with our history of rotaries.

"S. V. R. of Ill."—You can see our remarks in full on the Horse Chesnut in the Farmer and Mechanic of last week. It was published three weeks before in the Scientific American. The paternity is not acknowledged by our copying friends—but that we care not about—we are always willing to give our neighbors light upon any subject.

"D. W. of La."—Your Electric Clock is ingenious but no patent could be obtained on it, as the principle is the same as some others that have been constructed, but the mechanical arrangement is somewhat different. We have seen several. Some that are now in this city are very simple. The way in which they are formed, is to have two arch-formed helices around a magnet connected with the battery and placed on each side of the lower end of the pendulum which is a magnet, and by the vibrations of the pendulum, the current is broken and closes alternately, so that the magnet in the pendulum is continually moving from side to side, and drives the clock work above in the usual manner. Your Railroad alarm is new to us and is a good and humane invention.

"Miss A. T. of Lawrence, Mass."—We know of no place where cotton thread balling is carried on, nor have we seen any balled thread, but the imported kind.

"J. McC. of Shelby Co."—You do not gain any power by having a truck and propelling your machinery in the manner you suggest. A man could do more labor by means of a crank than by pushing the car around, of course.

"H. T. of Mass."—We do not think that your gauge cock will infringe upon Mr. Adams' in the least. We hope you will send us one of your make immediately and then we can determine better in regard to it.

"P. C. of Mobile."—We cannot answer all your questions for a less sum than \$5. Remit us a V. and we will look up the information that you desire.

"J. P. A. of Ct."—Your invention for producing lights under water is not new. It is substantially the same as the plan now in use. \$1 all right.

"J. H. of N. Y."—Seak your felt in a solution of strong alum and dry it in a very warm room. This will do for wool also. If you mix magnesia with the alum, all the better. It won't burn.

Some time ago we received a communication describing a new and valuable surveying instrument, which we designed to notice at the time, but from the absence of the author's name, (no doubt by mistake) we have not done so. We have the communication still and await only the author's name to give as full an account of it as we can.

To Patent Correspondents.

"C. S. & Co. of Ill."—Your draft we were obliged to send to Philadelphia for collection. In future make them payable in New York if possible. The drawings of your invention are completed and the specification will be written and forwarded to you early next week. It is a good invention.

"E. C. of Me."—Your model and funds were duly received and your business is progressing.

"H. D. of N. H."—We cannot advise you properly until we see your model. If it is what you represent it to be the sale of a single right will more than pay the cost of the patent fee. Send the model immediately.

"H. G. C. of Me."—We do not think that your invention possesses sufficient novelty to warrant an application for a patent. We should advise you to withdraw the amount deposited with us and put it to better use.

"N. C. F. of Md."—We shall require \$20

more from you and if you can we had rather you would send along some California gold and save us the discount which we should be obliged to pay on country money.

"D. B. of N. H." "C. A. E." & "H. D. of N. J." "E. R. B. of Wis" and "A. F. M. of Mass."—Your specifications, drawings and models have been sent to the Patent Office since our last issue.

"P. B. of Mass."—Both of your specifications with drawings and models were despatched to Washington last Monday. The engraving shall appear in our next.

"C. A. D. of Pa."—Yes, you have now taken the right step to introduce your invention. Nothing gives an invention such a start as publishing a description and engraving of it in the "Scientific American." We will warrant you sales to the amount of over one thousand dollars in less than 2 months after your engraving appears in the Scientific American, and all the trouble it need cost you is to answer letters and assign rights which may all be done by mail. Model and money received, all right.

"G. M. H. of N. Y."—Your model is received and a very good one it is too. As soon as thirty dollars is paid to us from your friend we will proceed with your business. We think there is no doubt but a patent will be granted for it.

"I. Van K. of N. Y."—We have now received \$35, and have answered you by mail.

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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Having been often complimented by those who have entrusted their business in our care, we here repeat what very many have said. "The best Patent Agency in the United States is at the Scientific American office."

All models, drawings or communications that are sent to the Scientific American office for inspection are deposited from the eyes of the public until the necessary application for securing the invention has been made.

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