

TO CORRESPONDENTS.

A. B., of O.—We shall forward the specification for you to execute, early next week.

A. G. S. S., of —.—We regard your apparatus as new and patentable, and we can see no objection to its operation; you had better send us a model, and inform us in what State you reside, that we may address you by letter. The model should not be over 12 or 15 inches square, and very substantially made.

J. B., of N. Y.—We have long been familiar with such a Corn Sheller as you mention; it could not be patented.

J. P., of N. H.—We have carefully examined the model of your alleged improvement in Rotary Steam Engines, and regret to state that it does not possess any novel features, such as would warrant you in making an application of it: you will find substantially the same plan among the oldest inventions of the kind. Examine Hebert and Galloway on the Steam Engine if you have a copy convenient.

T. D., of Ala.—We have never heard of your plan for preventing incrustations proposed, nor have ever seen it in use; it is new to us, and we like it; the only objection against it, is the power required to work it, and the increase of expense; the question to be asked and answered is, will it pay the expense? We could not say yea or nay. Could you not try the question of economy by experiments? We can vouch for its originality.

S. L., of N. Y.—The sale of oatmeal is limited, and we believe the business would not be profitable; still, we cannot tell so well about mercantile affairs; the process of making corn starch is not patented that we know of; it is kept somewhat a secret, and is a profitable business. To make the oatmeal, you would have to erect a kiln, and the common oats will not answer; if you could get a good sale for the meal the business would pay well, we believe.

J. F. R., of Pa.—Yours containing the description of Mr. S.'s invention, came duly to hand, and will soon be attended to.

Dr. B. H. W., of Ky.—Yours of the 20th ult. came duly to hand, covering \$4, in full for freight on model.

C. R. T., of N. Y.—Will please send us a sketch and description of his improved Car Box, that we may more fully understand the nature of the invention. The patent you refer to has not prevented the issue of several patents, and if you have a new way of accomplishing the same result, you are justly entitled to a patent for it.

H. G., of Mo.—There is nothing new in either of your inventions. The same ideas have been suggested to us before.

S. C. K., of Wis.—We have examined the drawings and description of your alleged improvement in the Theodolite and Circumferenter, it appears to be substantially similar to the one described in No. 32 Vol. 4, Sci. Am., by W. M. Wilson; we believe his worked well.

J. H., of Ala.—We see nothing patentable in your wind-mill; the same plan, substantially, is employed for mining purposes in Cornwall, Eng., plans of which we have examined.

A. C., of N. Y.—We have repeatedly stated that Prof. Morse is justly entitled to his invention in the Electric Telegraph, and that he can sustain it. The invention is one of great beauty, and confers great credit on his genius. We also believe his invention to be different from Bain's, and that the latter's claims were justly sustained by Judge Cranch, in his decision in March, 1849.

L. T., of Ohio.—It will be the province of a jury to decide on the evidence given by experts, and you must abide the rendering of the jury or appeal to the full bench of the Supreme Court at Washington; of the merits of the case we cannot, neither would we wish to examine into it, as we have no time to attend to it. We hope justice will be done.

Money received on account of Patent Office business or the week ending May 1:

D. D., of Pa., \$30; G. N., of N. Y., \$30; Z. H., of O., \$100; J. A. J., of N. Y., \$10; C. F. B., of R. I., \$30; Miss L. A. S., of Pa., \$50; A. P., of Mass., \$30; H. H., Jr., of N. Y., \$30; S. M. B., of Vt., \$32; J. T., of N. Y., \$20; G. S., of N. Y., \$25; J. O., of N. Y., \$15; W. D., of L. I., \$35.

Specifications and drawings belonging to parties with the following initials have been forwarded to the Patent Office during the week ending May 1:

J. C., of N. Y.; C. F. B., of R. I.; Z. H., of N. Y.; B. T. N., of Mass.; R. S. R., of Ky.; J. T., of N. Y.; J. S. M., of Vt.; G. S., of N. Y.; N. M., of Pa.; W. D., of L. I.

Inventors and their Models.

There are several small cases remaining at the various Express offices in this city, marked to our address, on which the expenses have not been prepaid. We would respectfully inform inventors that the Express charges on ten or a dozen cases daily, from every part of the Union, amounts to no inconsiderable expense, and that we shall, in future refuse to receive packages unless the Express fees have been paid, or the expense otherwise provided for. Parties who reside at a remote distance from the city, and cannot arrange for pre-paying the Express charges, should enclose a sufficient amount in a letter and send by mail.

Back Numbers and Volumes.

In reply to many interrogatories as to what back numbers and volumes of the Scientific American can be furnished, we make the following statement:

Of Volumes 1, 2 and 3—none.
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Of Volume 5, all but 4 numbers, price, in sheets, \$1.
Of Volume 6, all; price in sheets, \$2; bound, \$2.75
Of Vol. 7, all back numbers at subscription price.

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Subscribers ordering books or pamphlets are particularly requested to remit sufficient to pay postage.

City Subscribers.

Those of our subscribers who receive their papers from Carriers, and change their location on the 1st of May, will please leave their new address at the office.

Patent Claims.

Persons desiring the claims of any invention which has been patented within fourteen years, can obtain a copy by addressing a letter to this office;—stating the name of the patentee, and enclosing one dollar as fee for copying.

Patent Laws, and Guide to Inventors.

We publish, and have for sale, the Patent Laws of the United States. The pamphlet contains not only the laws but all information touching the rules and regulation of the Patent Office. Price 121-2 cts. per copy.

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American and Foreign Patent Agency

IMPORTANT TO INVENTORS.—The undersigned having for several years been extensively engaged in procuring Letters Patent for new mechanical and chemical inventions, offer their services to inventors upon the most reasonable terms. All business entrusted to their charge is strictly confidential. Private consultations are held with inventors at their office from 9 A. M., until 4 P. M. Inventors, however, need not incur the expense of attending in person, as the preliminaries can all be arranged by letter. Models can be sent with safety by express or any other convenient medium. They should not be over 1 foot square in size, if possible. Having Agents located in the chief cities of Europe, our facilities for obtaining Foreign Patents are unequalled. This branch of our business receives the special attention of one of the members of the firm, who is prepared to advise with inventors and manufacturers at all times, relating to Foreign Patents. MUNN & CO., Scientific American Office, 123 Fulton street, New York.

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The subscribers having purchased of L. B. Pitcher the exclusive right to make, vend, and use his PATENT HYDRAULIC REGULATOR, are now prepared to attach the same to any Steam Engine or Water Wheel now in use, and warrant them to give a regular and steady motion to the Engine or Wheel; and in any case where they do not work as recommended, will replace the old Regulator at their own expense. Engines making fifty revolutions per minute, can be held, regardless of the kind of work to be performed, so as not to vary more than one half revolution per minute; the more sudden the change of work or steam, the quicker the Regulator moves the valve—a loss or gain of half a revolution will open or close the steam valve from one extreme to the other. THURSTON, GREENE & CO., Providence, R. I. 34 3*

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The subscriber is prepared to furnish, at short notice, power stocking looms of every size and gauge for making ladies' hose, men's half hose, shirts, and drawers, stocking net (for lining all kinds of rubber goods), or any other kinds of goods made on stocking looms; samples of goods sent to order, and looms warranted to make goods equal to sample. For further information address JOHN PEPPER, Portsmouth, N. H. 34 4*

U. S. GAS CO.—Incorporated Feb., 1852, under the laws of this State, now offer to dispose of their patent to manufacture their Portable Illuminator, to responsible parties for States, counties, or towns throughout the Union. Testimonials from scientific gentlemen, setting forth its advantages, can be seen at the office, 70 Beaver st., where we invite the public to inspect an apparatus which will inspire confidence with all, and convince any one that we can afford a most brilliant light for a small outlay. Residents outside the gas limits can have a gas apparatus for ten or one hundred lights furnished complete at an early day, by applying at the office between 10 A. M. and 5 P. M., where the terms can be known. W. C. DUSENBERY, Prest.; G. W. Pine, Secretary; Simeon Draper, Treasurer. 1*

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STEAM ENGINE FOR SALE.—One of Hoe's upright square Engines for sale, of about five horse-power, price \$150; can be seen running daily. Apply at 47 Dey street, N. Y., in the rear, to C. H. ANDRUS. 33 2*

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A. B. ELY, Counsellor at Law, 46

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