Scientific American.

TO CORRESPONDENTS.

H. R., of Coburg-Your impressions about a re duction in the price of English patents appear like. ly to become realized, as we have just learned from our London agents that the abolition of certain sine cures will tend to secure this result. We carefully read your article in manuscript, and did not object to its character but to its length. Your advice about Canada patents exactly corresponds with our impres-

McF., of Nashville-We should think it would re quire 2 horse-power to drive a planer of the size mentioned, although we are not certain. They are made by Messrs. Ball & Rice, of Worcester, Mass., to whom you had better apply.

G. W. C., of Ky.-Messrs. Hoe & Co., or Worrall & Co., of this city, are good saw-makers. We think your plan is not patentable.

C., of Pa.—We were not aware, when we replied to your inquiry about saw-mills, that Messrs. Clark & Overton no longer manufactured them. Such of our readers as are in want of Portable Saw-Mills, we refer to Messrs. Geo. Vail & Co., Morristown, N. J

S. H. of Oregon Ter.—The telegraph wires could not be supported by iron hooks, but must rest upon some non-conducting substance. Glass eyes are generally employed. \$2,50 received for paper.

G. B. W., of Ill .- Your letter, with enclosure, came safely; Col. C.'s name is entered upon our subscription books for one year.

B. R. E., of Me.-Fountain pens are in common use in this and other countries; as early as 1844 we imported, for our own use, the first pen of the kind we ever saw, and since that date we have seen a variety of different kinds, some of which have been pa tented, but never introduced to any extent.

J. B., of N. Y.—We see nothing patentable in your press, and cannot advise an application.

J. A., of Tenn.—We will hand over your letter to an engine builder for attention. The distance be tween yourself and parties here must be an effectual bar against success, and we do not know that any builders here would engage.

D. W., of Ohio. - A cam to operate the valve rod of a steam engine has long been used You can see it on some of the Western steamboats.

T. E., of N. P.—We decline your proposition about publishing your perpetual motion.

J. T., of Ohio.—Stone-ware chimney caps we have never seen, but have been informed they had been used in other countries. If we find out that our information is not correct, we will say so in some other number, for if new and useful it is patentable

N. P. D., of New York.—The intensity and quantity of the battery is the same, but through a long conductor the intensity is diminished. although the quantity remains the same in battery and conductor, the iron bar. The battery employed for intensity to work the electro-magnet, is not a proper one for decomposing water, and will not answer a good nor profitable purpose. You received a most reprehensible answer from the Commissioner. There is no set time for an appeal after the application is rejected, and we know how to feel for you.

C. P. II., of N. Y .- We cannot conceive any paten table point in your suggestion about the bedstead. It is possible you have something new. Please send a sketch and description.

B. A., of N. C .- T. Wood, corner of Chatham and Duane street, this city, is a dealer in tools, and doubtless can furnish such as you require.

S. S., of Hernando.-We do not know of any me chanic who would undertake to make such an engine as you require.

G.W.W., of Phila.—We do no not know of any spark arresting plan superior to the one you present excepting it may be if you could bring back your sparks to the fire to be burned. You know that the best of our locomotive spark arresters let the small sparks escape. Put a finer screen where the lower one is, and try the effect of it.

Money received on account of Patent Office business for the week ending December 27.

T. H. D., of N. H, \$30; W. H., of O., \$20; J. H. of Texas, \$60. Specifications and drawings belonging to parties

with the following initials have been forwarded to the Patent Office during the week ending Dec. 27:-W. W. V., of Md.; E. G., of Me.

An Important Paragraph.

Subscribers names, as they now come in, will be en tered to commence with No. 14, the first number on the second quarter, unless the back numbers are ex-

Whenever our friends order numbers they have missed-we always send them if we have them on hand. We make this statement to save time and trouble, to which we are subjected in replying when the numbers called for cannot be supplied.

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ticularly requested to remit sufficient to pay pos-

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

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to inventors whether the procure agency have the services. to inventors upon the most reasonable terms. All business entrusted to their charge is strictly confidential. Private consultations are held with inven-tors at their office from 9 A. M., until 4 P. M. In-

tors 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 footsquare 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 especial 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.

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mills, grist mills and other purposes. Hutchinson's
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various kinds, mill gearing and mill iron of every
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A. B. EJ.Y, Counsellor at Law, 46 Washington st., Boston, will give particular attention to Patent Cases. Refers to Munn & Co., Scientific American. Of Volume 6, all; price in sheets, \$2; bound, \$2,75. American.

TRAUTWINE ON RAILROAD CURVES.—
By John C Trautwine, Civil Engineer, Philadelphia; just published and for sale by WM HAMILTON, Actuary of the Franklin Institute Price \$1.
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DILLINGS PATENT BAND WRENCH, for Wagons and Carriages.—This article is fully described and illustrated by engravings in No. 7, Vol. 7. of the Scientific American. The Patent Band Wrench applies to wagons and carriages where the common or square nut is used. They are perfectly tight and prevent all dust and dirt from reaching the axle. The wheel is taken off by means of a small pocket key. A Silver Medal was awarded this article by the American Institute at their late Fair in this city. The Bands are manufactured by the article by the American Institute at their late Fain in this city. The Bands are manufactured by the Patent Band Wrench Co., located at Claremont, N. H. Smith Van Horn & Co. are the agents for this city. Orders addressed to them, as above, will meet with prompt attention.

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