## Scientific American.

TO CORRESPONDENTS.
M. B., of S. C.—We do not know of any do not know of any such instru ments as you propose. There are dams which will stop the water completely, and which will withstand the strongest freshets Doubtless some that are patented will Making the face of the dam an inclined plane will provide for the passage of fish up stream so long as a small quantity of water runs over; but this plan, we believe was never patented.

J.R., of Me .- We think it likely there would be some few advantages in having our work published with pages of the size of ordinary books; but only a few of our readers, comparatively, would like such a plan: its present size and form give general satisfaction. Shall be happy to engrave your machine.

J. W. B., of Va.-Monuments of all kinds, for grave yards, made of cast iron, are well known: your plan, therefore, is not patentable; they can be made highly or

C. C. A., of N. Y .- Your wall fence would probably answer a good purpose; but it is not patentable; neither is your propeller,—the latter you will find illustrated in Vol. 5 (1849) Sci. Am. The effect cannot be greater than the cause: re-action is less powerful than the action. Look over some book on Natural Philosophy for causes.

T. B., of Ala,—We cannot furnish all the back volumes of the Sci. Am. They are not to be had. It is a matter of doubt which is the best harvester or mower: nearly all those put in market this year have proved good: some persons give McCormick's reaper-price about \$160,-and Ketchum's and Allen's mowers—price \$100 to \$130—the preference. These machines require 2 to 3 horses, and two men, and cut l acre per hour.

J. M., of N. J., says: "I can construct a stove that will

make its own fire at any desired time in the morning;would that be considered an invention?" In reply to the foregoing we would state that mere ideas are not patentable. If you have a new mechanical device for accomp lishingthe purpose you name, probably it could be patented. Send a model or sketch and we will examine it.

C. P., of N. Y.—We will try and give you some infor-

mation about extracting silver from its ores at some future time. \$1 received.

C. S., of Mass.-We cannot furnish you with the book amed, on constructing machines; write to A. Hart, Philadelphia.

G. W. T., of N. J .- Youcan blue your flannels withthe sulphate of indigo-chemic-which is made by dissolving ground indigo in good vitriol: 1 pound of indigo to 6 lbs. vitriol. The back numbers of this volume Sci. Am. will give you good receiptson dyeing.

D. B., of N J.—The apparatus now used on printing presses for "flying," or, in other words, taking the sheets they issue from the machine, is not patented, we believe, and therefore you can use the same.

C. B. B., of N. Y .- You cannot patent the mere idea of driving a straw cutter by means of belt and treddle; the other portions of your machine you do not sufficiently dee to enable us to determine as to patentability.

J. J., of Mass .- A machine for folding cloth after it comes from the loom, has been made. Read carefully Mr. Manly's offer, and our remarks, and you will understand what he wants. The sheet of paper on a printing press must go between the type and the cylinder which gives the impression. When the population of the earth increases to such an extent as to have exhausted all kinds of fuel, it is probable that a company will be formed to run a shaft to the North pole and connect it by means of a pinion, to the earth. In this way a perpetual motion will transmitted to all parts of the country, and your aspirations will be realized.

D. B. T., of O .- Your seed sower is not new, neither is your plan of sealing cans. \$2 received.

E. J. V., of Vt.- Price of covers 50 cents. Send your numbers to this office, and we could have them bound complete for 75 cents.

J. M. T., of Pa.-There is nothing new in your mode of

C. K. N., of N. Y .- You will find an engraving of a vind-mill ship on page 113, Vol. 3, Scr. Am. We never heard that it went ahead far, against the wind, although that was its object. You will perceive that it is furnished with paddle wheels driven by the wind-mill. This is an application of cold air to wheel propulsion, and is just about as valuable as the use of hot for the same purpose.

W. S. T. of Wis .- Forcing air through water to purify it of dust and cinders, on railroad cars, by means of mech anismconnected with the wheel axles, is an old idea. No charge for the question. \$2 placed to your credit on sub-

J, R., of C. E .- Use Smee's or Daniell's battery for electro-plating; you will find it very difficult to deposit brass. -we never have been able to make it work satisfactor ily.

A. W. B., of N. C.—We do not know of any premium offered for welding copper, it will be an invention of some importance if you discover the way to do it.

A. L. D.. of Mass.—If you get Brewster's Optics, or Dr.

Dick's works, they will give you full explanations for making cameras.
H. H. D., of Ct.—Yourswillmeetwith attention in some

future number. Accept our thanks.

J. B., of Va.—Address W. B. Douglas & Co., Middle-

town, Ct., for Hydraulic Ram; and J. Ball & Co., Jersey City, N. J., for cement pipe. Cannot inform you as to

H. F. T., of N. Y .- An apparatus for raising or lowering the shaft on steamboats, so as to adjust the dip of the wheels at pleasure, would be of some value, provided it worked well & did not interfere with the operation of the engine. We do not remember any practical plan for altering the dip of each wheel independently. \$1 received

L. A., of N. Y.-The reason why you notice that so many correspondents are informed that their devices are not novel, is because we more frequently publish the because we more frequently publish the egative replies than the affirmatives. When their inventions are new and patentable we write them by mail, giving details as to further procedure.

FOREIGN PATENTS\_By the last steamer we received the following foreign patents, which we would thank the owners to order away:-Miller's Machine for making Hirges: Reed's Oscillating Engine; Loughridge's Car Brake: Hoagland's Treenail Machine: Wallis' Paddle Wheel; Watrous' Machine for making Washers, etc. Chilcott's Fabric (Belgian certificate;) Irving's Paddle Wheel (Belgian certificate.)

We would also again remind our friends that we have a ew bushels of American Patents in our possession which we would thank the owners to send for; and at the time of ordering would request their enclosure of postage stamps to pre-pay postage when requested to be sent by mail.

Money received at the Scientific American Office on ' ccount of Patent Office business for the week ending Saturday, Aug. 25, 1855 :-

G. W. H., of Ct., \$55; J. T., of Pa., \$25; T. G., of R. I. \$25; A. L. B., of Me., \$22: H. B. S., of Miss., \$30; J. P., of N. C., \$50; A. F., of Mass., \$30; H. F. P., of N. Y., \$60; S. T. P., of N. J., \$35; L. S., of N. Y., \$10; C. W. B., of O., \$20; A. K. C., of Ct., \$30; H. S., of Mich., \$40; J. W., of Ct., \$30; H. L., of Mass., \$32; T. C., of N. Y. \$30; D. E. T., of N. H., \$30; D. H. W., of Mass., \$10; D, G., of Pa,, \$30; S. G., Jr., of N. Y., \$30; V. S., of N. Y., \$50; B,, & F., of N. Y., \$12; I. C. C., of Mich., \$25; P. & W., of N. Y., \$10; M. & A., of N. Y., \$30; H. W., of Mass., \$100; T. G., of N. Y., \$30; R. S. P., of N. Y., \$30; J. B., of III., \$25; Z. G. B., of III., \$30; R. & T., of N. Y. \$350; A. H., of N. Y., \$100: S. B., of Pa., \$5; A. L. F., of Ct., \$35; W. B. K., of N. H., \$30; C. B., of O., \$110; J. P. A., of Ct., \$30; A. C. K., of N. Y., \$27; H. R., of N. Y., \$65; J. C. H., of N. J., \$25; R. G. P., of N. J., \$25; A. F. A., of Ct., \$25; G. W. B., of N. Y., \$25; J. B., of N. Y., \$87.

Specifications and drawings belonging to parties the following initials have been forwarded to the Patent Office during the week ending Saturday, Aug. 25:-

Office during the week ending Saturday, Aug. 25:—
J. C. H., of N. J.; R. G. P., of N. J.; A. F. A., of Ct.;
G. W. G., of Mass.; G. W. B., of N. Y.; T. G., of R. I.;
J. T., of Pa.; G. W. H., of Ct.; B. & F., of N. Y.; E. B.,
of Ill.; G. G. T., of N. Y.; I. C. C., of Mich.; J. B. W., of N. Y. (2 cases); A. P. & R., of N. Y. (2 cases); W. & M., of N. Y.; A. C. K., of N. Y.; J. B., of lll.; C. B., of M., of N. 1.; O. (2 cases); H. N., of Me.

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BACK NUMBERS AND VOLUMES—We have the following numbers and volumes of the Scientific American, which we can supply at the annexed prices:-Of Volume 5, 40 numbers, bound, \$1,75. Of Volume 6, all,price in sheets, \$2; bound, \$2,75. Of Volume 8. none complete, but about 30 numbers in sheets, which will be sold at 50 cents per set. Of Volume 9, bound, \$2.75. Of Volume 10, all except Nos. 17, 25, 26, 27, 28, 29, 30, 40, 41, and at the subscription price. Complete Volumes will be ready for delivery in about two weeks. Price \$2,75bound; \$2 in sheets.

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INFALLIBLE RULE—It is an established rule of this office to stop sending the paper when the time for which iswas prepaid has expired, and the publishers will not deviate from that standing rule in any instance

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THE UNDERSIGNED having had TEN years' practical experience in soliciting PATENTS in this and foreign countries, beg to give notice that they continue to offer their services to all who may desire to secure Patents at home or abroad.

Over three thousand Letters Patent have been issued, whose papers were prepared at this Office, and on an average letters, or over-third of all the Patents issued each week, are on cases which are prepared at our Agency. An site corps of Engineers, Examiners, Draughtsmen, and Specification writers are in constant employment, which renders us able to prepare applications on the shortest notice, while the experience of a long practice, and facilities which few others possess, we are able to give the most correct counsels to inventors in regard to the patentability of inventions placed before us for examination.

give the most correct counsels to inventors in resard to the patentability of inventions placed before us for examination.

Private consultations respecting the patentability of inventions are held free of charge, with inventors, at our office, from 9 A. M., until 4 P. M. Parties residing at a distance are informed that it is generally unnecessary for them to incur the expense of attending in person, as all the steps necessary to secure a patent can be arranged by letter. A rough sketch and description of the inprovement should be first forwards with the will examine and give an opinion as to patentability, without charge, and give an opinion as to patentability, without charge and give an opinion as to patentability, without charge and give an opinion as to patentability, without charge and give an opinion as to patentability, without charge and give an opinion as to patentability, without charge and give an opinion as to patentability, without charge and give an opinion as to patentability without country. Or considerable and the country by express. In this respect New Lork in more accessed information will be sent free of postage to any one wishing to learn the preliminary steps towards makin an application.

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THE PARTIES ATTEND—The Mechanics and in-The ventors of Louisville and vicinity are informed that subscriptions to the Scientific American are received at the Hall of the Kentucky Mechanics Institute, Louis-ville.

M. M. GREEN, Sec'y.

TO MILLERS.—SMUT AND GRAIN SEPARA-tors.—Patented Oct. 24, 1854. Warranted superior to any machine for the same purpose in the United States, embracing an entire new feature not before used in any Smut Machine. Mahines sold on trial and fully guaran-teed (references expected.) Orders solicited; manufac-tured and for sale by the inventor, at Unichaville, Tus-caroras Co., Ohio. JOHN D. BEDWELL, 513\*

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JOS HUA VANSANT, 49 4t Chairman of Exhibition Committee.

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