# Scientific American.

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Bryson U. R., of Geo.-In he last volume of this paper you will find a very useful series of articles upon the art of dyeing, prepared by one of the editors of the Sci. Am. who has a thorough practical knowledge of the subject, You can procure the volume bound for \$2,75.

of Mr.

H. C., of Me. -The Benzole gas apparatus to which you H. C., of Me. — The Benzole gas apparatus to which you make reference, is illustrated in No. 20, Vol. 10, Sci. Am. escape a second payment. Express Companies are either We have not heard much about it since that time. It is very careless, or not over honest. a very convenient apparatus, and would be extensively employed if made perfectly practicable. On this point we are not altogether advised.

A. R. D., of Md.-The article upon yellow fever in our week before last paper, is wrongly ascribed to Dr. Stowe. The real authoris Dr. Stone-a very able writer upor this subject

L. B., of N. Y .- The inquiries you make in regard to match making machinery should be addressed to those whose names appear in connection with the notices published in our paper. We are unable to answer them. B. P., of Conn.—Anthracite coal is the best for general

domestic use. We prefer clean bituminous coal for burning in a grate—it is more pleasant. S. H. W., of Mass.-The effect of weight upon a lever

increases in the ratio of its distance from the fulcrum.

M. B. Tidey, of Dundee, N.Y.-Wishes to procure in formation about a machine capable of working out five spokes at once. He wishes the address of the patentee or of some concern engaged in their manufacture. The right to make, use, and sell a patented invention, is the exclusive property of the patentee. No one could make a patented machine in territory belonging to another party without consent.

C. W. S., of Ohio-We have mailed the sketch of the carriage gearing to Messrs. S. & McN., for their attention. S. D. P., of-You have omitted to inform us where you reside, therefore we are unable to write to you the saw set. Although a great deal has been done in this line, still we are of the opinion that yours embraces some novelty, and we think a limited claim could be secured on it. Send us a model.

A. V. P., of Wis.-It is certainly unsafe to carry a stove pipe through a wooden partition without some protection from fire. A protecting funnel made with two partitions with a space between, for filling in with plaster, or some non-conducting substance, is neither new nor patentable The same thing has been done before.

J. R. M., of Me.-If milk is placed under a vacuum the cream will not rise so soon.

H. S. P., of N. H.-Cutting off the axles of cars in the middle, and fitting the ends into suitable bearings, is not a new device. It has been many times proposed. The idea of extending the ends of the axles past the middle of the opposite sides of the cars—each wheel having a sepa-rate shaft or axle running independent of the other, so as to avoid the disadvantages in turning curves-is not new.

It has often been proposed. R. M. Wade, of Wadesville, Va.-Wishes to obtain the address of somemanufacturer who makes brass tubing as small as the sixteenth of an inch. Somebody please inform hlm.

J. P., of Pa. -Campbell Morfit's work on perfumery, published by H. C. Baird, Philadelphia, is a good one

made the invention prior to the date of the English pat-ent. If you can do this, you can patent the lubricator, if it provesupon examination to be new.

D. P. B., of Cal.-We will send the power of attorney whenever a specification is prepared for you to execute It is not necessary before this is done. You had better send us a sketch and description of it for examination before sending on the model.

Messrs. King & Brother, of Ottowa. Ill.-Wishes to pro cure a mill for resplitting plank boards, &c., an upright w is wanted. Manufacturers of machinery for this purpose will confer a favor upon Messr. K. & Bro. by send

ng them sketches, and prices of their machines. S. M. C., of Ohio-A glass tube placed in front of a boiler, for the purpose of indicating the hight of water therein, does not contain anything new or patentable. The device is old and well known.

H. H. C., of Ct.-The idea of boring down trees with a series of augers is not new. It has been before suggested to us. Perhaps your method of doing it may be new. We cannot decide without a sketch.

P. E., of Mass.-Judge Mason is now exercising the du ties of Commissioner of Patents, and we hope he will there remain, as he has proved faithful and competent. We do not agree with you that no one but a mechanic should ever be allowed to hold that office. You should bear in mind that many important legal questions are brought le fore the Commissioner, therefore it requires a full knowledge of legal science to adjudicate upon them. A knowledge of law and of practical science ought to be joined together in the discharge of the duties of the office. Commissioner should possess these requisites. You will, no doubt, agree with us.

L. A. H., of Ill.—Our edition of the patent laws is entire. ; in ly exhausted. We shall publish a new edition soon, and us

will then send you a copy. P. C., of Ct.—The oxydof tin has been used in the manufacture of india rubber, and was patented about five years since-of its success we cannot inform you. The patentee claimed for it all properties which render the vulcanized process so valuable, viz. : withstanding heat etc.

H. B., of S. C.-The Water Engine referred to was patented in 1850. We never had any faith in its perform-ance, and aside from a simple exhibition of it at the American Institute Fair. we have never heard any thing of We presume it is shelved. We do not know the patentee's address.

G. W. B., of Wis.-Theuse of a pulley and cord instead of a crank and wire, for hanging bells, we cannot regard as possessing any patentable novelty. We do not see how a claim can be substantiated upon the mere change of one device for another to produce a certain result.

H. T. M., of Pa.-The discovery of gunpowder dates back more than 500 years. From some facts communicated to the London Antiquarian Society by the Rev. J. Southern, Western, and Canada money taken Hunter, there is no doubt but that powder was employed for subscriptions. Post-pay all letters, and diat the battle of Cressy, in 1346-during the reign of Edward | rect to III. We cannot tell you who was its first discoverer. It has. as you remark, done soms damage to human life since that time.

10.2

R. C. C., of Ind .- Your model has come to hand with express charges (\$2,50) unpaid. If you paid them at Indianapolis you failed to mark "paid" on the box, and therefore we are called on to pay. We very frequently pay freight on boxes, and upon returning the charge to the investor for payment is in inventor for payment, he informs us that he had done it at the start, and we are thus necessitated to collect the amount of the Express Co. here. This ought not to be so. Great care should always be taken in this matter. If

R.B., of N.Y.-You intend to work two water wheels without a running stream, by allowing the water to flow on to one wheel to drive the machinery, and from that to a lower wheel, which is to pump the water back again to the cistern. The plan is exceedingly simple, but is as simply erroneous. All the power of both wheels is de-rived from the falling water, consequently it will take just as much power to pump the water back, as the power derived from the water in falling. P. M., of Ill.—As you did not indicate to the contrary,

we supposed your letter was intended for any use we might see fit to make of it. Its publication does no dis credit to your head or heart-hence we conclude that no damage has been done to your reputation. The engravings have been delivered to your order.

E, H., of Ohio-You can add the device sketched in your letter to the machine, but it does not affect its patentability, therefore it is unnecessary to add it to the We would not now advise you to do it, as the pa model. pers are all done. ready for the Patent Office.

J. E. S., of Mass.-We advise with inventors as to the patentability of their inventions upon being furnished with suitable sketches and descriptions of them

E. A. D., of Me.-The sketch of your shingle machine improvement has been examined. The simple device claimed as your invention we regard as novel, and we think a patent can be obtained for it It would be of no use to patent it in England, as wooden shingles are not used there.

C. C., of Me.-In the back volumes of the Sci. Am. you will find a number of sewing machines illustrated.

Money received at the SCIENTIFIC ANERICAN Office on count of Patent Office business for the week ending Saturday, Nov. 10, 1855 :-

8.W of N. Y., \$30; T. J.C., of Tex., \$50; M. S. W., OI A. I., 250; 1. S. O., OI A. E., 250; A. G. OI
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F., of Ind., \$30; B. F. McC., of N. Y., \$30; B. K., of N. J., \$30; J. P.R., of N. Y., \$25; J. A. C., of Ala., \$25; J. W. P., of Mich., \$25; J. A. M., of Mass., \$25; R. B., of N. Y., \$30; D. & K., of Pa., \$25; S. B. McC., of Tenn. \$25 ; B. G. B., of N. H., \$25 ; W. C ; B., of N. Y., \$30 ; H. P., of N. Y., \$60; J. E., and others, of Wis., \$250; N. C. L., of R. I., \$30; J. H. M., of Mo., \$10; C. & P., of O., Ρ. \$20 : T. C. H. of N. Y., \$25 : J. C., of N. Y., \$10 : P. K. of N. Y., \$25; L. B. P., of O., \$30; G. & W., of N. C., \$25; R. H. H., of Ill., \$25; T. B. S., of N. J., \$25; H. O. C., of Tex., \$30; M. H., of Ind., \$30; G. P. G., of N.Y., \$25; E. S. S., of L. I., \$25; P. K., of N. Y., \$25.

Specifications and drawings belonging to parties with the following initials have been forwarded to the Patent

Office during the week ending Saturday, Nov. 10:-A. G., of N. Y.; G. P. G., of N. Y.; J. D., of N. Y.; G. J. B., of N. J. — An invention that has been patented in L., of N. Y.; F. & H., of Mass.; R. W., of Mass.; S. B. England by a foreigner, cannot be patented in this coun-try by an American citizen unless he can prove that he J. P. R., of N. Y.; J. B. L., of Fla.; D. & K., of Pa.; J. A. M., of Mass.; E. S. S., of I., I.; C. & P., of O.; J. H. M., of Mo.; E. S. F., of N. Y.; T. C. H., of N. Y.; P. K., of N. Y.; R. H. H., of Ill.; G. & W., of N. C.; T. B. S.

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give the most correct counsels to inventors in regard to the patentability of inventions placed before us for ex-amination. Private consultations respecting the patentability of in-ventions are held free of charge, with inventors, at our office, from 9.4. M. until 4.P. M. Parties residing at a distance are informed that it is generally unnecessary for them to hour the expense of attending in person, as all the steps necessary to secure a patent can be arranged by letter. A rough likelch and dreciption of the impror-mentahould be first forwarded, which we will examine and give m ophon m to patentability without charge. Models and fees can be sent with safety from any part of the country by express. In this respect New Tork is more accessible than any other city m our country. Circulars of information will be sent free of postage to any one wishing to learn the preliminary steps towards making an application. In addition to the advantages which the long experience and great success of our firm in obtaining patents present to invertions, they are informed that all inventions pat-ented through our establishment, are noticed, at the prop-er time, in the Sourwirptic Austication the server, week, and en-joys a very wide spread and substantial infuence. Most of the patenta obtained by Americans in foreign countries are secured through us, while it is woll known that a very large proportion of all the patents applied for in the U.S., go through our agency. MuNN & CO. American and Foreign Patent Attornies, 128 Fulton street, New York; 32 Esson Strand, London; 29 Houle-vard St. Martin, Paris; No. 3 Rue Thoresheine, Brussels.

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44

