Scientific American.

TO CORRESPONDENTS.

19²²

J. H., of C. W .- The word to which you refer in your letter, appeared to be as it wasprinted. Telegraph wires were laid in glass tubes in England, and often went wrong.

J. B., of Texas-Hollow bars for furnaces, with water circulating through them, are old. They were never found to work well. Your devices for ascending inclines on railroads and for keeping cars on the track, are not new

T. McG., Jr .- Your rotary pump is an old device and is not patentable. Walker's patent Horological Cradle which is moved by clock-work, the cradle acting as a pendulum,—is sold here abouts in large numbers. O. W. B., of N. Y.—Your Hydraulic, Pneumatic, Hy-

drostatic Pressure Perpetual Motion Machine, is quite as likely to operate successfully as any other plan for the same purpose, that we know of. "If it will work," you think it would be a new motor. That little word " if " has blocked the wheels of all perpetual motions so far, and we fear will always continue to do so. But you can very easily test the success of your plan : get into a basket and sarry yourself along for a spell without touching ground. Your success in this feat will demonstrate the practicability of your present in vention. When you send on a workg model, be particular to forward your daguerreotype, be placed in the gallery of illustrious inventors.

S. H. W., of O.-Your balance valve is quite old. but the governor is new to us, and we think a patent could be obtained. The valve and governor could not both have been covered by one patent, had both been new. A valve will require to be shown in the model to explain the operation of the governor.

H. W., of Wis.--We have received your Letters Pa ent, and will proceed at once towards preparing the en-. graving, which will be inserted in the paper in their turn. J. R., M. D., of O.-Your specification for a caveat was

duly received, with \$23, and the papers have been for-warded to the Patent Office. Your name we have en-tered upon oursubscription books for one year. We know of no plan for shortening wagon tires without cutting and lding them

D. W. P., of N.Y.-We have reason to think that a patnt on your application for the improvement in denta chairs will be issued next week.

H. P. and J. P., of Ill .- We think there is a chance for patent on your hinge machine. Send government fee of \$30 with model.

C. R. A., of N. Y.-There is nothing patentable in your invention unless it be in some comparatively unimportant details. An instrument of the same character was patented many years ago. We should think the patent must have expired by this time. The arrangement of the bells was substantially like yours. F.T., of R. I.—Your method of arranging stories, pub-

lished in newspapers, is as old as the hills. Foreign pa-pers have long adopted the plan, so that when the tale was complete you would have a book ready for binding H. B. T., of Ct.—There is nothing patentable in bevel-

ing doors and drawers, as you propose, to obviate swelling in damp weather. You say it is only the frontboards of drawers that swell. Our experience does not confirm this. We find that other portions are affected in the same way

C. L. L. of Mass .- By paying \$500 you could apply im ediately for a patent. Beyond this the law offers yound security save yourown secrecy, until youyyear of residence has come around.

J. L. P., of N. Y.-Hollow axles and shafts of wrough

and cast iron are not new or patentable. \$1 received. E. N., of Mass.-We can send you only two of the num bers you ask for, viz., numbers 4 and 19, Vol. 9.-We cannot inform you where you can get the infor-mation you desire. Perhaps if you would address a letter to Mr. Catgreave, and enclose it to the Editor of the ndon Farmer's Magazine, stating the circumstances, he

would forward the same. M. G., of N. Y.-You cannot obtain a perpetual motion by arranging the magnets as you propose. An electro magnetic machine, will give out no more power than that impressed upon it by turning the crank. The friction of the piston in a coiled magnet, is of no consequence.

H. S., of Ohio.-Yours will receive attention. G. P., of Pa.-Yours about preserving fruit will receive

attention next week. J. W., of Maine.-There is no well known process, as you state, of bleaching liquids by galvanic composition, and if there was, you could not obtain a patent by merely | Office during the week ending Friday, Aug. 3 applying it to manufacturing purposes on a large scale cannot decompose a solution of common salt by galvanium, and make it give out free chlorine.

J. B., J., of Tenn.-'The error to which you refer was a typographical one, and of no importance. T. D., Jr., of Pa.—The caveat will serve as a proof of

priority of invention. Should any other person apply for a patent while your caveat exists at the Patent Office, you will receive official notice, and will have three months to prepare an application for patent. Unless the other applicants can prove the date of their invention further back than your caveat, you will receive the patent, and they a rejection. The caveat secures no right. W. J., of Mass.-We do not know of any apparatus pre

cisely like yours, though we have seen some bearing a resemblance. There is probably novelty enough to entitle you to a patent. We think it would work very well. It is very simple. Send us the patent fee of \$30, when you

desire to apply for a patent. M. P. M.-Your boot pegging apparatus, as near as we can judge, is constructed on the same principle as that

R. S., of N. Y .- Patents are not now granted for the mere manufacture of an article out of a material not bemere manufacture of an article out of a material not so-fore employed for that purpose. Years ago such patents were issued. For example, Stephen Rest, of Manlius, N.Y., obtained a patent in 1333, for a fluted copper wash board, made in all respects like the common wooden ones; the made in all respects like the common wooden ones; the only difference being in the material. Such a grantcould not now be had. Had the Commissioner properly under-stood the law at that time, it would not have been granted. Where both the form and the material are old, there is, certainly, no invention. It is only for inventions that our patent laws are intended.

C. R. L. of Pa.-We can send you a copy of the claim of any patent granted since 1828, on receipt of \$1. If you hear of an agent of Woodworth's Planing Machine drumming the members of Congress elect, in your district, for aid in the approaching Congress, please to let us know.

B. J. S., of Pa.-Curving river dams, or arching them up stream, so as better to resist the pressure of water, was suggested by Oliver-Evans, the engineer, many years ago

T. P., of N. Y.-An invention is much needed for defending our harbors from the approach of hostile fleets. The Russian infernal machine will be more fully described hereafter in our columns. It seems to be lacking in effect for the British fleet have taken up forty of them off Cronstadt; although they were professedly sunk out of reach, water. A good invention for this purpose would be worth a fortune.

T. A., of Tenn.-Stephen Kendall obtained a patent April 3, 1849, for a punching Machine, and Adoniram Kendall, for a Shingle Machine, in November, 1854. We find no patent for a power.

C. M., of Va.-Under the American patent laws foreigners cannot file caveats. If a subject of Great Britain pays the full fee, \$500, and is subsequently rejected, two-thirds of the sum paid is returned to him. The charge for recording an assignment is \$2, if not over 1000 words.

L. O. U., of N. Y.-In No. 47, present volume, we chronicled the grant of a patent to Mr. J. C. House, of Louisville, Ky., for a tilting bedstead, so connected with clock work that at a given hour the sleeper would be tumbled out of bed, sans ceremonie. You have, therefore, been anticipated. For lazy people and morning yawners the above patent will be very applicable.

J. M. D., of Me .- There is nothing patentable in your fire alarm. Mr. J. S. Richardson, of New Hampshire. several years ago invented the same device, of which the following is a description :- The alarm part resembles that attached to clocks, having a weight to it, which, in its descent, will cause a bell to ring. A latch prevents the running down of the weight, and a string connected to th s latch is led over pulleys, and, like bell wires, around the apartments where fires may be likely to happen; when this spring is burnt off a small weight is thereby liberated, which lifts the latch, and the alarm is sounded.

N. N. C., of N. H.-We think your invention is patenta ble. Judge Story has already settled this question, by a decision, as follows:-- "Where the plaintiff claimed, as his invention, 'the construction and use of an endless apron, divided into troughs and cells, in a machine for cleaning grain, operating substantially in the way de-scribed, it was held, that the claim was for a combination of the endless apron with the machine for cleaning grain : and that. if the combination were new, it was patentable, although a part of the apparatus were old."

Money received at the SCIENTIFIC AMERICAN Office on ccount of Patent Office business for the week ending Friday, Aug. 3, 1855 :--

T. B. M., of Mass., \$27; W. M., of Mass., \$30; J. S. B., of O, \$30; H. & R. S., of Ga., \$30; T. H., of O., \$30; J. B., of III., \$30; C. W. S., of Mass., \$30; A. K., of Ct., \$30; C. W., of N. Y., \$350; L. K., of N. Y., \$30; J. L. T., of N. Y., \$30; J. A. W., of Ark., \$23; E. B. G., of Ct., \$30; E. R. B., of Ct., \$25; E. P., of Ct., \$55; J. W., of N. J., \$30; T. D., of Ala., \$55; W. F. F., of Me., \$15; C. & G. S., of Mass., \$25; J. B., of Ala., \$25; G. B. A., of Ct., \$25; R. H., orMass., \$25; A. B. G., of Ct., \$30; J. W., of N. Y., \$20; J. T., of Pa., \$30; O. W. M., of Ct., \$55; J. H., of O., \$33; E. G., of Mass., \$31; A. S. B., of Me., \$35; J. W. B., of Ark., \$10; A. C. K., of N. Y., \$30; D. T., of N. Y., \$40; W. W. B., of N. Y., \$25.

Important Items.

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

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IMPORTANT TO INVENT-ORS.

ORSs. THE UNDERSIGNED having had Trx years' practical experience in soliciting PATENTS in this and foreign countries, beg to give notice that they con-tinue to offer their services to all who may desire to se-cure Patents at home or abroad. Over three thouscand Letters Patent have been issued, whose papers were prepared at this Office, and on an average *nfeen*, or on-thurd of allthe Patents issued each week, are on cases which are prepared at our Agency. An able 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 posses, we are able to 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-

give the most course to connects to investion in regard to the patentability of inventions placed before us for ex-mination. The print on sultations respecting the patentability of in-reprint 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 leacr. A negative secure a patent can be arranged by leacr. A negative secure a patent can be arranged by leacr. A negative secure a patent can be arranged by leacr. A negative secure a patent can be arranged by leacr. A negative secure a patent can be arranged by leacr. A negative secure a patent can be arranged by leacr. A negative secure a patent can be arranged by leacr. A negative secure a patent can be arranged by leacr. A negative secure a patent can be arranged by leacr. A negative secure a patent can be arranged by leacr. A negative secure a patent can be arranged by leacr. A negative secure a patent can be arranged by leacr. A negative secure a patent and by will examine and give an option as to patent ability, without charge. The delian of the advantages which the long experience and freat success of our firm in obtaining patents present on inventors, they are informed that all inventions pat-ented through our establishment, are noticed, at the prop-er time, in the Sociement and advantages which the long experience and y not leas than 100.000 persons every weak, and en-ioys a very wide spread and substantial inforeign ountries are secure d through us, while it is well 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, 123 Fulton street. New YOR's 32 Eases Strand, London; 29 Boule-vard St. Marin, Paris; 6 Rue D'Or, Brussis.

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SUPERIOR MACHINISTS' TOOLS-CARPEN-orbitle & PLASS, footof30thst, Eastriver, N. York, are now building, and have constantly on hand, Lathes, Drill-ers, Planing Machines, Slotting Machines, Bolt Cutters, Gear Cutters, Surfacing Machines, or will make to orden any other tools of any capacity required. The above Tools combine all the latest improvements, and the test work manship. 43 2*

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CAPITALISTS WANTED TO TAKE PAT. In the short of the second state o

B, of N. 1, 22. Specifications and drawings belonging to parties with the following initials have been forwarded to the Patent Office during the week ending Friday, Aug. 3.— J. E., of Ms., ; W. W. B., of N. Y., ; H. N. B., of III.,; G. B. A., of Ct., ; J. A. W., of Ark.,; J. B., R. K., of Mass.; D. T., of N. Y. (2 cases) ; W. W. Van L., of N, Y.

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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, and 23, at the subscription price. PATENT CLAIMS—Persons desiring the claim of any in vention which has been patented within fourteenyears, can obtain a copy by addressing a letter to this office, stating the name of the patentee, and enclosing \$1 for CHAILES W. COPELAND,

UNITED STATES PATENT OFFICE, Washington, July 12, 1935. Mad George N. Tatham of Philadel phila, praying for the extension of a patent granted to them on the 11th day of October. ISH, for an improvement in machinery for making pipes of tubes of lead, tin, and other metallic sub-stances, for seven years from the expiration of said patent, which takes place on the 11th day of October, 1836. It is ordered that the said petition be heard at the Pat-ent Office on Monday the 22th day of September, next, at 120 clock, M.; and all persons are notified to appear and show cause, If any they have, why said petition should not be granted. Persons opposing the extension are ranquired to file in the Patent Office their objections, specially set forth in writing, at least twenty day, before the day of hear-ing; all testimony field by either party to be used at the said hearing must be taken and transmitted in accordance with the rules of the office, which will be furnished on

ing in the summary life by either party to be used at the said hearing must be taken and transmitted in accordance with the rules of the office, which will be furnished on application. The testimony in the case will be closed on the 14th day of Sept., 1355; depositions and other papers relied upon as testimony must be filed in the office on or before the morning of that day; the arguments, if any, within ten days thereafter. Ordered, also, that this notice be published in the Union, Intelligencer, and Evening Star, Washington, D. C.: Pennylvanian, Philadelphia, Penn.; Scientific American, New York; Daily Baltimore Republican, Courier, Buffalo, and Post, Boston, Mass, once a week for three successive weeks previous to the 24th day of Sep-tembernext, the day of hearing. S. T. SHUGENT, Acting Commissioner of Patents. P.S. Editors of the above papers will please copy and

Acting Commissioner of Pate P. S. Editors of the above papers will please cop send their bills to the Patent Office, with a paper taining this notice. copy r con-463

The Supreme Court of the U.S., at the Term of 1863 and 1854, having decided that the patent granted to Nich-olas G. Norcross, of date Feb. 12, 1850, for a Rotary Pla-ning Machine for Planing Boards and Planks is not an infrincement of the Wood worth Patent. Riphts to use the N.G. Norcross's patented machine can be purchased on application to N.G. NORCROSS, 206 Biradway, New York. Office for sale of rights at 206 Broadway, New York. Boston, 27 State street, and Lowell, Mass, 42 Gm*

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	than 20 years ago. W. W., of N. J.—It is an old saw, you know, that says "He that is his own lawyer has a fool for a client." Your friend has experienced the truth of this. Itad his papers been properly prepared in the first place, he would have had his patent long ago. The best course now will be to	the arrival of the first paper a bona fide acknowledg-	Clock and Watch work, also all kind of new Clock and Watch work, also all kinds of difficult watch repairing, will be carefully executed by KONVA- LINKA, Watchmaker, 44 Bayard street, corner of Bow- ery, 3d floor.	1855 ins, Tonguing and Grooving Machines- The subscriber is constantly manufacturing, and has now for sale the largest and best assortment of these unrivalled machines to be found in the United States. Prices from \$55 to \$1450. Rights for sale in all the unoccupied Towns in New York and Northern Pennsylvania, JOIIN GIB- SON, Planing Mills, Albany, N. Y. 43 10*	
	 withdraw the case and have an entirely new application made. Send a new model. D. B., of PaA caveator is not entitled to a notice from the Department, if an application for a patent has been 	MODELS-We are receiving almost daily, models of in- ventions which have not the names of their inventors marked upon them. This usually prevents us from taking any notice of them whatever. We shall esteem	article free from gun, nearly fifty per cent cheaper, and much more durable than sperm oll. Also (umterland Brothers' Patent Metallic Oil (the genuine article) man-	A MEBICAN PLATE GLASS COMPANY- (Fac-	
	made before the caveat was filed, even if the case has not been acted on. C. L. K., of N. YFor the listof premiums which we awarded Jan. 1, 1855, see our paper No. 17, present volume. For those awarded the previous year, see page 133, vol. ix.	being mislaid.	A DRAUGHTSMAN WANTED-A good pattern maker, who understands drafting and designing sta-	A tory Williamsburgh L. I.) are now prepared to ex- ecute orders for rough Plate Glass suitable for floors, sky- lights, vault, and deck lights. Prompt attention will be given to orders left at their office, 412 Broadway, or their agent, J. R. PLATT, 79 Murray st. 42 8*	
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