A. H., of N. H.-We have never known of such a plan for etching being proposed or used we believe it to be new and useful.

H. M. P., of Mass.-We could not insert yours this

E.E., of S. C.—We have investigated the subject of your inquiry and find that there is quite a difference between the two contrivances. The particulars concerning the matter will be communicated by letter in a few days-in the mean time you can go ferward without danger.

O. A., of N. J.—The subject of your claim you will find in Letters Patent granted to J. P. Gaume, of Cincinnati, Ohio, June 6th, 1848.

B. E., of Me.-You will see by reference to page 308, Vol. 3, Sci. Am., that John Keely, of England, has anticipated you.

W. E. A., of Mich.—The patent of Mr. Merrick was granted August 15, 1848.

I. P., of Geo. - In No. 179 of the London Patent Jour nal you will find an engraving of Bessemer's improvements in extracting saccharine juices. This is the invention referred to by us several months since, and has now been successfully operated in Demerara.

W. McA., of Ga.-We shall await your arrival and will endeavor to accommodate you immediately.

E. J. E., of Ohio.-You are in error : try an expe riment and thus be convinced.

P. S., of Tenn.-You are required to make oath that ou verily believe yourselfto be the original and first inventor, without regard to place. If the same thing exists in another country, your patent could not

H. E., of Pa. .- The opinion of the Examiner in the Patent Office is entitled to little consideration. The point he sets forth is equal to one of Jack Bunsby's opinions

E. D., of Me.—The machine you refer to was on exhibition at the last Fair of the American Institute, and operates essentially the same as yours. We can see no patentable difference, and advise you not to patent. The claim covers the combination of the rollers, reciprocating carriage, and springs.

H. P., of Iowa.-We presume that there is no reason for supposing any such thing; we have heard of no initiatory steps being taken to have the extension granted.

E. B., of N. Y.—You could not obtain a patent for the application of the screw to the raising or lowering the Cultivato s. The contrivance is now used for other purposes, and the Patent Laws do not consider the change of application the legitimate subject of a patent. This opinion you may rest upon as con clusive in the case. We have forwarded you a copy of the Patent Laws, and express our thanks for your

C. A., of Pa.—The engravings of yeur improved boiler are being executed, and will appear in the Soientific American in a week or two. The specification and drawings have been forwarded to the Patent Office, as you will see acknowledged under its proper

H. & W., of S. C.—S. S. Farrar & Co.'s check for \$35 has been received and the amount credited to balance your account.

W. R. G., of N. Y.-W. has not yet received a patent. We do not believe you could get one, but we do not speak positively, as you say that you have made "an important improvement." All improve ments are patentable, if new.

J. L., of Ill. - We could not understand your draught and description; you were in too great a hurry, for the one did not accord with the other. It will not do to be so careless when important advice is asked and particular information requested. If you mean the improvement to consist in rack wheels connected with the reaches, then the improvement is not new. Look on page 236, Vol. 4, Sci. Am.; the carriage there is similar to your drawing.

C. W. W., of Ohio.-Yours will meet with atten tion.

S. D., of N. Y.—A Belgian patent may be granted for 5, 10, or 15 years, at the option of the petitioner charges vary in proportion.

C. H. A., of Mass.-By the second section of the Act of 1842, you will notice the provisions on which patents are recorded that were lost prior to the 15th Dec., 1836.

J. D., of N. J.-We wrote you several days since in regard to your business, and hope you will not neglect a reply, as it was done at your immediate re

E. P., of Va.-By reference to Volume 3, Sci. Am. page 401, you will find an engraving and description of Blanchard's machine for turning irregular forms. It is capable of giving a minute fac-simile of any pattern.

S. C., of Pa.—You can have your foreign business transacted at this office: we possess every facility for attending to it in proper order.

J. F. J., of N. C.—We shall communicate with you as soon as possible in regard to the churn and the paper, in answer to your favor of the 25th May.

"J. P., of N. C .- You will get all the information you want, if you just take time and wait for the parts which are yet to be published on Hydraulics. It may be that you are in a hurry, if so we shall not let you lose by delay, if informed about your wants.

"W. D. D., of N. Y .- Your plan for bending eliptical springs is not so good, in our opinion, as the machines now in use for that purpose. It is not patent able, we believe.

S. J. M., of Pa.—Get an engraving of your invention published in the Sci. Am. It will be the means of bringing your invention into extensive notice, and help you materially in effecting sales.

E. A., of N. C.—In No. 23, Vol. 5, Sci. Am., you will find an engraving of Wood's Shingle Machine, which seems to combine all the principles involved in yours; you are therefore advised not to make an application.

H. K., of London.-Upon application to Messrs Barlow, Payne, & Parken, 89 Chancery Lane, you can ascertain such particulars as youdesire.

E. A. C., of N. Y. City.-You will find, by reference to page 262, Vol. 7, London Patent Journal, that Wm Payne, of London, obtained a patent for certain improvements in Watches and clocks. He claims the adaptation of metallic springs to the production of chimes or musical sounds in clocks and watches; this, vou will at oncesee, is like yours.

J. A. C., of Miss.-In the invention referred to, th steam, after circulating through the coil in the evaporating pan, is passed into another coil placed in a cistern, from which the evaporating pans are supplied so as to heat the fluid before introducing it thereto.

W. G. W., of Mass.—A may obtain a patent; no thing can hinder him; the only danger in so doing lies in this: if the patentee sued for an infringement, the defence might be able to prove, owing to the salss, that the invention had been abandened to the public. this would make the patent void.

C. W. S., of Conn.-We don't know were the mats are manufactured. Any coarse strong comb answers the purpose. On another page you will find some-

H. W. B., of Vt .- Yours will be noticed by-and-

C. H. W., of Boston.-The plates alone are what is raluable about the Iconographic Encyclopedia. The letterpress is not so valuable.

J. P. M. of N. Y.-We still cannot see how your rudder could be steered easier; both of its blades form radii of a circle, and act as levers; the resistance, therefore, would be equal to the single blade of a diameter equalto the two radii. Capt. Brown, of W rren, R. I., is the inventor of a peculiar rudder, a balance rudder, but very different from yours. You will shortly see a paddle-wheel in the Sci. Am, nearly like yours; and if you examine Vol. 5, Sci. Am., you will see an oblique paddle exactly like it.

Money received on account of Patent Office busi

C. H., of Pa., \$30; J. B., of Mich., \$53; C. A. W. of N. Y., ., \$35; D. & R. P., of N. Y., \$30; C. A., of Pa., \$38; C. F. B., of R. I., \$56; M. F. G., of Iowa, \$35.

Specifications and drawings of inventions belonging to parties with the following initials, have been forwarded to the Patent Office since April 23:

J. G., of Mass.; J. V. S., of Iowa; H. R. R., of Vt.; W. & N., of N. Y.; A. J., of S. C; M. F. G., of Mich.; C. A., of Pa.; C. F. B., of R. I. (two); J. M. L., of N. Y.

## New Edition of the Patent Laws.

We have just issued another edition of the American Patent Laws, which was delayed until after the adjournment of the last Congress, on account of an expected modification in them. The pamphlet contains not only the laws but all information touching the rules and regulations of the Patent Office We shall continue to furnish them for 12 1-2 cts. per copy.

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Wm. Hovey, of Worcester, Mass., has opened is wareroom for the sale of his Cutters, at 60 Courtandst., New York. Wm. HOVEY, Patentee. 32 \*4 Philadelphia, Penn.

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32 13\*

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