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On filing each Caveat
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On ning each application for a ratent, except for a design. The
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On application for extension of ratent
On granting the Extension\$50
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dels to this off apply for Letters Patent and which they wish preserved, will please to order them returned as early as possible. We cannot engage to retain models more than one year after their receipt, owing to their vast accumulation, and our lack of storage room. Parties, there fore, who wish to preserve their models should order them returned within one year after sending them to us, to insure their obtaining them. In case an application has been made for a patent the mode in deposit at the Patent office, and cannot be withdrawn.

It would require many columns to detail all the ways in which the Inventor or Patentee may be served at our offices. We cordially invite all who have anything to do with patent property or inventions to call at our extensive offices, No. 37 Park Row, New York, where any questions regarding the rights of Patentees, will be cheerfully

ns and remittances by mail, and mo (prepatt) should be addressed to MUNN & CO. No. 37 Park Row, New



W. V. H., of N. Y .- A fly-wheel does not create power the idea is absurd. It is employed for two distinct offices. First to give uniformity to the motion of machinery in cases where either the force or the resistance is variable. Second, to accumu late the power where a resistance greater than that of the force is to be overcome for a short period. An instance of the latter application is seen in the steam punch, where the resistance in some cases would stop the engine but for the aid of the heavy fly wheel. in which the power of the engine for some time has be

J. T. S., of N. Y.—High piston speed is a desirable element in an engine, but we cannot see how a much higher velocity can be got with a pair of double engines than with one engine of the pair. Some advantage may be derived from one helping the other off its centers, but if one engine runs 600 fect per minute, it does not follow by any means that two engines will run 1,200 feet A high piston speed is economical, other things being equal. Any engine will run at high speed if you give it steam high enough and it is sufficiently large for the work. Mr. John Wiley, of Broadway New York, will furnish you with a book on ship-build

P. S. S., of Pa.—We have no doubt that Mr. Hogg was in error in supposing that canned fruit will keep better with addition of sugar. It is true that a small quantity of sugar in water will cause fermentation, but it is also true that a weak solution of sugar will ferment more readily than a concentrated one indeed if it is sufficiently concentrated no fermentation will take place. All fruit contains sugar or starch enough to induce fermentation, and the addition of more sugar will doubtless tend to pre-

F. E. W., of Mass.—You are mistaken in regard to the law. Unless you made a definite agreement with your workman to get up the improvement for you, you could lay no claim to it. He is employed by you to do a certain amount of work for certain wages, but has not pledged to you the result of his ingenuity in de vising new inventions. This is as we understand the matter.

W. T. C., of Mass.—The mistake you made was in delay ing your application for a patent, until some one has got a patent for the same thing. In order now to vindicate your rights, you must apply for a patent, and have your claims put into interference with those allowed to the other party. Many inventors by delaying their applications, involve themselves in much trouble.

B. & D., of N. H.-Steam causes the whistle to vibrate rapidly, that is what gives the sound. The steam strikes the thin edge percussively, or like a hammer, and that is what makes the vibrations. The pitch or note of all musical sounds is determined by the number of vibrations occurring in a given tin

J. H. C., of N. H.—If the watch falls with the same ty of course the shock] on the pivots of the balance where the same; but with a thicker case it would fall through the air with slightly greater velocity.

J. F., of N. Y.-Messrs. Balliere & Brothers, No. 440 Broadway, New York, have published a treatise on coal oil and pe troleum by Abraham Gesner, M.D., F. G. S.

H. H., of Ohio.—Your improvement in sawing machines seems to be new, but before applying for a patent we advise you to have us make a preliminary examination into its novelty at the Patent Office.

R. B. W., of Ohio.-Mr. Richard Dudgeon, machinist, of Columbia street, this city, will furnish you with a punch that will cut an inch hole by hand in a bar one inch thick.

W. C., of Pa.—Your quadrant would measure the alti-

tude of a star, but we should think with less trustworthy a

C. R. S., of Md.—The metal vou send us is known as Chinese white copper. It is made by taking copper 40.4, nickel 31.6, zinc 25.4, iron 2.6 parts.

A. K., of N. Y.—The mechanical powers are the lever, the pulley, the wedge, the inclined plane, and the scre

N. W. F., of N. Y.—There is no better electrical machine for medical purposes than Dr. Smith's, the kind you

R. B., of Canada.—We know of no prize offered for a stration of the problem to bisect an angle

Money Received

At the Scientific American Office, on account of Patent Office Ibusiness, from Wednesday, Oct. 5, 1864, to Wednesday Oct.

I. F. B., of Conn., \$81; L. W. T., of N. Y., \$42; H. S., of Tenn., \$20; I. B., of N. Y., \$20; J. B., of N. Y., \$40; C. T. W., of Pa., \$22; S. & S., of Mass, \$15; W. Y., of N. Y., \$25; G. G. P., of Pa., \$40; A. M. of N. J., \$15; A. J. N., of R. I., \$25; J. S. of Conn., \$25; W. N., o N. Y., \$25; D. H. I., of Ill., \$30; R. P. F., of Maine, \$15; C. L., of N. Y, \$40; J. S, of N. Y, \$25; D. F. W., of Mass., \$15; L. D. C, of Mich., \$40; C. S., of N. Y., \$12; H. B., of N. Y., \$30; E. S., of N. Y., \$20; J. S., of N. Y., \$45; A. C. C., of N. Y., \$40; O. G. B., of N. Y., \$20; J. C., of N. Y., \$20; A. M. G., of N. II., \$20; S. C. R., of N. Y., \$60; C. F., of N. Y., \$30; J. S., of N. Y., \$25; B. & L., of Cal., \$15; J N. D., of Ind., \$15; N. B. B., of N. Y., \$39; B. B., of R., \$15; T. N. D., of Ind., \$15; J. F. S., of N. Y., \$35; N. T., of N. H., \$25; M. K., of Ohlo, \$25; A. J. S., of Cal., \$19; T. M., of N. Y., \$15; W. H. C. of Ind., \$25; J. H. C., of Mass., \$16; G. F., of Ill., \$25; A. R. D., of N. H., \$15; S. W. K., of Mass., \$15; W. C. McB., of N. J., \$35; S. R., of Pa., \$30; G. S., of Mass., \$15.

Persons having remitted money to this office will please to examine the above list to see that their initials appear in it and if they have not received an acknowledgment by mail, and their initials are no be found in this list, they will please notify us immediately, stating tand how t was sent, whether by mail or expre

Specifications and drawings and models belonging to parties with the following initials have been forwarded to the Patent Office, from Wednesday, Oct. 5, 1864, to Wednesday, Oct. 12, 1864:— C. L., of N. Y.; D. I. S., of N. Y.; D. S., of Cal. (4 cases); V. W. B., of N. Y.; L. W., T., of N. Y.; A. C. C., of N. Y.; R. & S., of Ill.; A. J. N., of R. I.; N. B. B., of N. Y.; S. P., of N. J.; W. H. C., ot Ind.; G. K., of Vt.; H. L., of Iowa; G. F., of Ill.; G. M. M., of Pa.; L. E. of N. Y.; H. B., of N. Y.; J. S., of N. Y.; W. C. McB., of N. J.; W. Y., of N. Y.; J. H. M., of Ohio; W. N., of N. Y.; J. F. S., of N. Y.; J. S., of N. Y.; C. F., of N. Y.; S. R., of Pa.; A. J. S., of Cal.; R. C. & M., of N. Y.; J. S., of N. Y.; E. T. M., of N. Y.; C. S., of N. Y.; M. J. D., of N. Y.; J. B., of N. Y.; A. C. C., of N. Y.; C. T. W., of Pa.; J. of Conn.; C. A. B., of Cal.; D. H. I., of Ill.; S. P. O., c^c, of Ind.; A. S. M., of Ill.; G. G. P., of Pa.; M. K., of Otto.

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