## Scientific American.

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J. V., of C. W-" Wooden tan vais decay very rapidly I intend to make some of brick or stone and water ce ment. What effect will the tannin have on the same or vice versa ?" It has not been tested to our knowledge Give us the results.

A. H. L., of Wis .- The purchase of a machine from the patentee, or the owner of a patent, does not necessarily include the right to use it. There should be a specific bargain and a written guaranty made in regard to the right. The patentee can restrict the use of the machine to any locality he may desire; but if he sells the matchine and the right to use it, without limitation, the purchaser could use it anywhere within the particular territory owned by the assignee or owner of the patent at the time of the transfer. If the patent is extended, the extension does not inure to the benefit of purchaser under the original grant The extension is granted for the exclusive benefit of the original inventor. It would not be pa tentable to apply ambrotypes as you propose, viz., to the bottom of glass paper holders.

B. McK., of Va .- The drummond light is produced by burning oxygen and hydrogen on a piece of quicklime The lime does not endure well unless it is very free from magnesia, and even then cracks and laminates in a few hours. Write to Robert Grant, of this city, who has managed most of the exhibitions of this light in this country. See reply to W. H., this week.

G. B. A., of La .- Messrs, Hoard & Sons, of Watertown Y., make good portable engines.

James M. Thomas, of Wyomoning, Ill., wishes to pro ure the address of the correspondent whof urnished the article on running circular saws on page 188, No. 24 of the S cientific American.

H. M., of Conn.-A frame house with its sides flooring filled in with charcoal dust is no more liable to be struck by lightning than any other frame house no provided with a conductor.

J. A. Fisk, of Springfield, Ill., wishes to purchase the right for southern Illinois of a good wheat drill. Patentees of machines that have been proved will please to

open correspondence with Mr. Fisk. W. C. A., of S. C.-The only way for you to get paid for your information in regard to running saws will be to print it, and sell the circular. We should not wish to engage in their sale.

S. B. E., of Pa.-The method of heating buildings congenial to health is generally considered to be by warm water. For information on this point address A. W. Rand, 83 North Sixth st., Phila. See engravings of his furnace on page 401, Vol. 11, Scientific American. We cannot tell you the cost of heating colleges and seminarie by hot air furnaces or water furnaces, but the cheapes by hot all the believe, is by the use of hot air. Henry Ruttan's combined system of heating and ventilation is the most esteemed by us. The foul or spent air is ex-pelled at the floor and not at the roof or side walls, as by common methods of ventilation. Mr. Ruttan is sheriff of

Coburg, C. W., where you can address him. W. M. F, of Va.-We have no doubt but that your family is very prolific in science, but we have not time to read long rambling accounts of what each member is doing, or proposes to do. If you have any inventions to submit, or actual progress of any kind to report, we will

examine your letters with care. C. K. K., of Pa-We hope you will send us some brief practical articles on agricultural subjects. So far as re gards implements for the use of agriculturists, we notice already the most important that come out from time to time. We prefer to prepare such notices ourselves.

G. F. W., of Ga .- From the character of the gentle men who have furnished Mr. Pease with testimonials of the good qualities of his oil, in addition to our own ex perience, we are sati fied that he sells a very superior article as lubricator or illuminator. Address F. S. Pease Buff alo, N. Y., for one of his circulars.

H. P., of Mass-Ventriloquism means speaking from the chest. This power may be attained by practice, but it is generally a natural gift in those who pursue the profession. Sound is increased by the vibration of the at-mosphere. Windows which have been broken by the firing of cannon, or by explosions occurring in the neigh-borhood, have been noticed to fall outwards, from which some have inferred that the cause of their breaking is the Summing of the air to fill up a vacuum outside of the building. Prof. Tread well's paper on the manufacture of large cannon you can find in the Annual of Scientific Discovery for 1857.

C. C., of Ind.-A small open pipe running up through the center of a spout of a building, for the purpose of thawing out the spout by steam or hot water, is a new and a good plan for effecting the object. Tar has been employed for preventing incrustations in boilers. Am monia will prevent lime forming scale in boilers, but it acts upon the metal, and is not safe to be used.

Money received at the Scientific American Office on account of Patent Office business for the week ending Saturday, March 21, 1857 :--

J. W., of Ky., \$65; P. E. H., of N. Y., \$30; G. & B., o, N. Y., \$100; M. J., of Pa., \$20; T. A. D., of Cal., \$20; A. C. R., of Conn, \$30; C. T. P., of Mass., \$30; T. L., of Pa. \$20; P.K., of R.I., \$60: D.P. & Co., of N.Y , \$250; C. A. W., of Conn., \$110; A. W., of Pa., \$30; J. B., of Tex., Y.G. of Ky. \$55: F.G.H. \$30; W. Y. G., of K.y., \$55; F. G. H., of N. Y., \$30; F.
O. H., of N. Y., \$30; F. O., of R. I., \$25; W. Mt. S., of N. Y., \$100; A. C., of N. Y., \$30; J. F. B., of Mass., \$26; J. R. W., of —, \$30; A. P., of O., \$20, J. G., of Ga, \$30; E. T. M., of Mass., \$30; B. F., of Mass., \$40; T. J. L., of Pa., \$25; R. P., of Conn., \$57; B. & B., of Conn., \$10; M. T. J. of O., \$25; A. B. J. F., of III., \$30; J. K. F., of Mass., \$26; S. B., of La., \$50; S. O. C., of R. I., \$30; W. & C., of O, \$25; W. W., of Wis, \$25; H. S., of N. Y., \$30; E. M., of N. Y., \$25; A. H., of N. Y., \$30; E. M., of N. Y., \$25; A. H., of N. Y., \$30; E. M., of N. Y., \$25; A. H., of N. Y., \$30; E. M., of N. Y., \$25; A. H., of N. Y., \$12. of N

Specifications and drawings belonging to parties with the following initials have been forwarded to the Patent Office during the week ending Saturday, March 21, 1857 :

T. J. L., of PA.; C. S. M., of N. Y.; S. H., of PA.; B. S., of N. Y.; F. O., ot R I.; J. G. A., of N. Y.; W.M. M., of III; A. W., of PA.; M. J., of PA.; J. F. B., of Mass.; W. H. S., of R. I.; W. W., of Wis.; T. L., of PA.; E. M., of N. Y.; M. T. J., of O.; W. & C., of O.; I. A. S., of O.; A. H., of N. Y. T. J. L., of PA. ; C. S. M., of N. Y. ; S. H., of Pa. ; H.

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The 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.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 improve-ment should be first forwarded, which we will examine and give an opinion as to patentability, without charge. Models and fees can be sent with safety from any part of the country by express. In this respect New York is more accessible than any other city in our country. Circulars of information will be sent free of postage to any one wishing tolearn the preliminary steps towards making an application. In addition to the advantages which the long experience end great success of our firm in botaining patents present to inventors, they are informed that all inventions pat-er time, in the SCIENTIFIC AMERICAN. This paper is read by not less than 100,000 persons every week, nd en-ioys a very wide spread and substantial influence. Most of the patents obtained by Americans in foreign countries are secured 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, Principal Office 128 Fulton street, New York.

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A simple and cheap condenser manufactured by Wm. Burdon, 102 Front st., Brooklyn, will take every par-ticles of lime or salt out of the water, rendering it as pure as Croton, before entering the boiler. Persons in want of such machines will please state what the bore and stroke of the engines are, and what kind of water is to be used. 27 tf stroke used. 27 tf

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