NEW YORK MARKETS.

There has been a very great rise in the price of cotton since our last market price table was published on page 300. Then prices range from 181/2 to 231/2 cents per lb.; now they range from 38 to 401/2 cents pe Domestic cotton goods are rising in price with the rise of the raw terial. The best qualities of flour have advanced fifty cents per barrel. Saltpeter, which is used for making gunpowder has becomvery scarce and has doubled in price—from 8 to 18 cents per lb.—In four weeks. By the latest news from Europe we learn that saltpeter was prohibited from being exported to America, and one vessel that was loading with it had been ordered to unload her cargo

narkets are very fluctuating, and common reports of prices are unreliable.



J. B. W., of Mass .- Try hot chloride of lime in bleaching saw-dust white. The resin contained in pine wood saw-dust will tend to resist the action of the chlorine. We have seen pine woodbleached with a warm solution of chloride of coda. Kauri-gum is also sold under the name of New Zealand and Australian gum. It is a coarse, natural resin, found under the soil in Australia and New Zealand, and is supposed to have been the exudation of trees be longing to an ancient pre-Adamite forest.

H. B. .B., of Mass.-All the information we can furnish on tempering tools, we are now publishing in articles and will coplete them in a few weeks.

A. M., of N. Y .- Do you mean to say that in your operations of amalgamating gold, the separation of the gold from the mer cury "is sometimes almost impossible?" You employ the term "ore," we suppose it should be gold. In retorting amalgamated gold the pro eess should be conducted under a very limited pressure and not too rapidly, as the mercury when it volatilizes quickly always carries over some gold with it, but we never heard before that any difficulty was experienced in volatilizing all the mercury.

Money Received

At the Scientific American Office on account of Patent Office business, during one week preceding Wednesday, Dec. 18,

L. B., of Conn., \$15; C. W. G., of Conn., \$10; A. S., of N. Y., \$15; A. C., of Mass., \$40; C. W. S., of Me., \$15; M. F. G., of Wis., \$30; G. W. R., of Ill., \$25; R. H., of Ill., \$25; J. A. W., of Ohio, \$15; W. H. A., of Conn., \$15; W. D. L., of Mass., \$10; E. H., Jr., of N. Y., \$275; A., of Conn., \$15; W. D. L., of Mass., \$10; E. H., Jr., of N. Y., \$275; P. F., of Vt., \$15; P. W. B., of Cal., \$30; J. B. S., of Vt., \$20; P. and C., of Conn., \$20; D. J. S., of N. Y., \$20; F. G. W., of Mass., \$20; C. H. H., of N. Y., \$15; J. J. A., of Conn., \$15; F. E. B., of N. J., \$28; E. D. G., of N. Y., \$25; N. S., of N. J., \$15; I. C., of N. Y., \$15; E. M. J., of Conn., \$15; J. C. N., of Pa., \$10; A. S. K., of Mich., \$25; B. and C., of Ind., \$15; J. K., of Scotland, \$25; S. H. A., of N. Y., \$10; B. and A., of Mass., \$15; J. D., of Ill., \$25; F. A. B., of N. Y., \$15; J. A. U., of Iowa, \$25; A. J. N., of N. Y., \$70; H. W. B., of N. Y., \$45; E. B. E., N. Y., \$15; A. K. S., of N. Y., \$15; I. A. W., of N. Y., \$15; F. C., of N. H., \$15; N. B. T., of Mass., \$15; E. F. W., of N. Y., \$10; J. S. F., of Ill., \$15; C. W. H., of Conn., \$15; O. N. B., of Iowa* \$10; F. C., of N. H., \$15; N. B. I., of mass., \$10, B. F. W., of N. P., \$100; J. S. F., of Ill., \$15; C. W. H., of Conn., \$15; O. N. B., of loward \$25; P. J. C., of Conn., \$15; G. and B., of Mich. \$15; H. H. W., of N. Y., \$15; W. C. W., of Conn., \$25; E. T., of Mass., \$15; J. H. E., of Pa., \$25; J. B. G., of Mich., \$20; T. M., of N. Y., \$20; A. F. W., of Pa., \$45; J. McL., of Ohio, \$20; T. J. G., of N. Y., \$15; E. and J. H., of N. Y., \$15; R. H. S., of N. Y., \$20.

Specifications and drawings and models belonging to parties with the following initials have been forwarded to the Patent Office from Dec. 11 to Wednesday, Dec. 18, 1861:-

O. N. B., of lowa; R. H. S., of N. Y.; E. D. and R. G., of N. Y.; W. C. W., of Conn.; J. A. U., of lowa; A. S. K., of Mich.; M. T. G., of Wis.; J. D., of Iowa; R. H., of Ill.; G. W. R., of Ill.; S. D. K., of N. Y.; J. K., of Scotland; J. H. E., of Pa.; W. D. L., of Mass.

TO OUR READERS.

Models are required to accompany applications for Patents under the new law, the same as formerly, except on Design Patents, when two good drawings are all that is required to accompany the Inetition, specification and oath, except the government fee.

INVARIABLE RULE.—It is an established rule of this office to stop sending the paper w n he time for which it was pre-paid

PATENT CLAIMS .- Persons desiring the claim of any invention which has been patented within thirty years, can obtain a copy by addressing a note to this office, stating the name of the patentee and date of patent, when known, and inclosing \$1 as fee for copying. We can also furnisha sketch of any patented machine issued since 1853, to accompany the claim, on receipt of \$2. Address MUNN & CO., Patent Solicitors, No. 37 Park Row, New York.

New Pamphlets in German.—We have just issued a revised edition of our pamphlet of *Instructions to Inventors*, containing a digest of the fees required under the new Patent Law, &c., printed in the German language, which persons can have gratts upon application at this office. Address $$\operatorname{MUNN}$$ & CO., No. 37 Park-row. New York.

RECEIPTS.—When money is paid at the office for subscriptions, a receipt for it will always be given; but when subscribers remit their money by mail, they may consider the arrival of the first paper a bona fide acknowledgment of our reception of their funds.



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