

[OFFICIAL.]

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DESIGNS PATENTED.

5,496.—SHAWL.—H. Boot, Philadelphia, Pa.
5,497.—LABEL.—C. H. Collins, Cincinnati, Ohio.
5,498.—CUPBOARD TURN.—O. F. Fogelstrand, Kensington, Conn.
5,499.—COAT AND HAT HOOK.—O. F. Fogelstrand, Kensington, Conn.
5,500.—CHAIN BOLT.—O. F. Fogelstrand, Kensington, Conn.
5,501.—WINDOW CATCH.—O. F. Fogelstrand, Kensington, Conn.
5,502.—DRAWER PULL.—O. F. Fogelstrand, Kensington, Conn.
5,503.—DOOR LATCH.—O. F. Fogelstrand, Kensington, Conn.
5,504.—CUPBOARD CATCH.—O. F. Fogelstrand, Kensington, Conn.

TRADE-MARKS.

640.—REFINED PETROLEUM.—F. M. Backus & Co., Cleveland, Ohio.
641.—EMERY.—Tully & Davenport, New York city.
642.—COMMERCIAL FERTILIZER.—Walton, Whann & Co., Wilmington, Del.
643.—BOOT OR SHOE.—F. Winslow and J. W. Rogers, Boston, Mass.

SCHEDULE OF PATENT FEES:

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APPLICATIONS FOR EXTENSIONS.

Applications have been duly filed and are now pending for the extension of the following Letters Patent. Hearings upon the respective applications are appointed for the days hereinafter mentioned:
19,988.—BURNISHER.—C. G. Frampton. April 3, 1872.
20,100.—DRAWER FOR CLOSETS, BUREAUS, ETC.—H. R. Taylor. April 10, 1872.
20,003.—BREECH LOADING FIREARM.—T. Lee. April 10, 1872.
20,106.—WARM AIR REGISTER AND VENTILATOR.—E. A. Tuttle. April 10, 1872.
20,111.—APPARATUS FOR DAMPING PAPER.—C. A. Waterbury. April 10, 1872.
50,051.—COTTON GIN.—J. Du Bois. April 10, 1872.
29,056.—PENCIL SHARPENER.—W. K. Foster. April 10, 1872.

Inventions Patented in England by Americans.

From January 4 to January 8, 1872, inclusive.

[Compiled from the Commissioners of Patents' Journal.]

BINNACLE.—J. Low, Boston, Mass.
FURNACE.—G. H. Sellers, Philadelphia, Pa.
FURNACE.—W. & G. H. Sellers, Philadelphia, Pa.
LUBRICATOR.—C. Mettam, New York city, and J. S. Sanson, Morrisania, N. Y.
PRINTING MACHINERY.—R. M. Hoe, New York city.
SELF-RELEASING HOOK.—J. L. Cathcart, M. Ezekiel, and E. F. M. Faehz, Washington, D. C.

NEW BOOKS AND PUBLICATIONS.

SCIENCE RECORD FOR 1872. Being a Compendium of the Scientific Progress and Discovery of the Past Year. 400 pages, octavo. 100 Engravings, Steel Plate and Wood. Handsomely bound in muslin, \$1.50; extra binding, half calf, \$2. Munn & Co., Publishers, 37 Park Row, New York, Office of the SCIENTIFIC AMERICAN.

This new and elegant work presents, in convenient form, notices of the leading subjects and events, pertaining to science, that have occupied public attention during the past year. The progress of the more important public works is duly chronicled, with illustrative engravings. The leading discoveries, facts, and improvements, in chemistry, mechanics, engineering, natural history, and the various arts and sciences, are recorded and illustrated. Sketches of prominent scientific men, with illustrations, are given, and among the portraits are those of Faraday, Murchison, Darwin, Agassiz, Huxley, and Herschel. The Mont Cenis tunnel, the Hell Gate works, the Brooklyn suspension bridge, the Hoosac tunnel, the St. Louis bridge, the United States Patent Office, and other works are illustrated. A large amount of useful information, tables, descriptions of improvements, with engravings, are likewise presented. The book is one of much interest and value, and should have a place in every library.

BRITISH JOURNAL PHOTOGRAPHIC ALMANAC. London: H. Greenwood. New York: E. & H. T. Anthony.

This is a valuable little publication, presenting, in compact and convenient form, the principal photographic improvements and processes of the past year. Of use and value to every person interested in the art.

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This inquiry comes to us from all over the land. Our answer is: Adopt such means as every good business man uses in selling his merchandise or in establishing any business. Make your invention known, and if it possesses any merit, somebody will want it. Advertise what you have for sale in such papers as circulate among the largest class of persons likely to be interested in the article. Send illustrated circulars describing the merits of the machine or implement to manufacturers and dealers in the special article, all over the country. The names and addresses of persons in different trades may be obtained from State directories or commercial registers. If the invention is meritorious, and if with its utility it possesses novelty and is attractive to the eye, so much the more likely it is to find a purchaser. Inventors, patentees, and constructors of new and useful machines, implements, and contrivances of novelty can have their inventions illustrated and described in the columns of the SCIENTIFIC AMERICAN. Civil and mechanical engineering enterprises, such as bridges, docks, foundries, rolling mills, architecture and new industrial enterprises of all kinds possessing interest can find a place in these columns. The publishers are prepared to execute illustrations, in the best style of the engraving art, for this paper only. They may be copied from good photographs or well executed drawings, and artists will be sent to any part of the country to make the necessary sketches. The furnishing of photographs, drawings, or models is the least expensive, and we recommend that course as preferable. The examination of either enables us to determine if it is a subject we would like to publish, and to state the cost of engraving in advance of its execution, so that parties may decline the conditions without incurring much expense. The advantage to manufacturers, patentees and contractors of having their machines, inventions, or engineering works illustrated in a paper of such large circulation as the SCIENTIFIC AMERICAN is obvious. Every issue now exceeds 40,000 and will soon reach 50,000, and the extent of its circulation is limited by no boundary. There is not a country or a large city on the face of the globe where the paper does not circulate. We have the best authority for stating that some of the largest orders for machinery and patented articles from abroad have come to our manufacturers through the medium of the SCIENTIFIC AMERICAN, the parties ordering having seen the article illustrated or advertised in these columns. Address

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