

IMPORTANT TO INVENTORS.

PATENTS FOR SEVENTEEN YEARS.

MESSRS. MUNN & CO., PROPRIETORS OF THE SCIENTIFIC AMERICAN, continue to solicit patents in the United States and all foreign countries, on the most reasonable terms.



Persons desiring to file a caveat can have the papers prepared in the shortest time by sending a sketch and description of the invention.

Persons having conceived an idea which they think may be patentable, are advised to make a sketch or model of their invention, and submit it to us, with a full description, for advice.

THE EXAMINATION OF INVENTIONS.

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PRELIMINARY EXAMINATIONS AT THE PATENT OFFICE.

The service we render gratuitously upon examining an invention does not extend to a search at the Patent Office, to see if a like invention has been presented there, but is an opinion based upon what knowledge we may acquire of a similar invention from the records in our Home Office.

HOW TO MAKE AN APPLICATION FOR A PATENT.

Every applicant for a patent must furnish a model of his invention if susceptible of one; or, if the invention is a chemical production, he must furnish samples of the ingredients of which his composition consists, for the Patent Office.

The revised Patent Laws, enacted by Congress on the 2d of March, 1861, are now in full force, and prove to be of great benefit to all parties who are concerned in new inventions.

The duration of patents granted under the new act is prolonged to SEVENTEEN years, and the Government fee required on filing an application for a patent is reduced from \$30 to \$15.

Table listing fees for various patent services: On filing each caveat, \$10; On filing each application for a Patent, except for a design, \$15; On issuing each original Patent, \$20; On appeal to Commissioner of Patents, \$20; On application for Re-issue, \$30; On application for Extension of Patent, \$50; On granting the Extension, \$10; On filing a Disclaimer, \$10; On filing application for Design, three and a half years, \$10; On filing application for Design, seven years, \$15; On filing application for design, fourteen years, \$30.

The law abolishes discrimination in fees required of foreigners, excepting natives of such countries as discriminate against citizens of the United States—thus allowing Austrian, French, Belgian, English, Russian, Spanish and all other foreigners except the Canadians, to enjoy all the privileges of our patent system.

During the last seventeen years, the business of procuring Patents for new inventions, in the United States and all foreign countries has been conducted by Messrs. MUNN & CO., in connection with the publication of the SCIENTIFIC AMERICAN; and as an evidence of the confidence reposed in our Agency by the inventors throughout the country, we would state that we have acted as agents for at least TWENTY THOUSAND inventors!

REJECTED APPLICATIONS.

We are prepared to undertake the investigation and prosecution of rejected cases on reasonable terms. The close proximity of our Washington Agency to the Patent Office affords us rare opportunities for the examination and comparison of references, models, drawings, documents, &c.

All persons having rejected cases which they desire to have prosecuted, are invited to correspond with us on the subject, giving a brief story of the case, inclosing the official letters, &c.

CAVEATS.

Persons desiring to file a caveat can have the papers prepared in the shortest time by sending a sketch and description of the invention.

FOREIGN PATENTS.

We are very extensively engaged in the preparation and securing of patents in the various European countries. For the transaction of this business we have offices at Nos. 66 Chancery lane, London; 29 Boulevard St. Martin, Paris; and 26 Rue des Eperonniers, Brussels.

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Circulars of information concerning the proper course to be pursued in obtaining patents in foreign countries through our Agency, the requirements of different Government Patent Offices, &c., may be had gratis upon application at our principal office, No. 37 Park Row, New York, or any of our branch offices.

ASSIGNMENTS OF PATENTS.

Assignments of patents, and agreements between patentees and manufacturers are carefully prepared and placed upon the records at the Patent Office. Address MUNN & CO., at the Scientific American Patent Agency, No. 37 Park Row, New York.

It would require many columns to detail all the ways in which inventors or patentees 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 answered.

Communications and remittances by mail, and models by express (prepaid), should be addressed to MUNN & CO., No. 37 Park Row, New York.



L. M. B., of Mich.—Sulphate of potassa is the best mordant known to us for hair dye—using nitrate of silver as the coloring agent.

W. W. D., of Conn.—The armor plates and turrets of the Rattlesnake weigh over fourteen hundred tons, all of which has to be sustained by the framing of the vessel.

R. H., of N. Y.—In making your currant wine, use about one pint of sugar to one quart of the juice of the currants, and watch the progress of the fermentation, daily, so as to check it at the right point.

W. C. T., of N. J.—Some gardeners use a soft brush for removing aphides from rare and delicate plants, in cases where fumigation would be too troublesome.

H. L. V., of Cuba.—The oscillations of the barometer are more limited in tropical than in northern climates, but they are just as regular.

Note.—At the time of going to press with our last issue we had the usual weekly lot of specifications, drawings and models, packed and ready to send to the Patent Office.

Money Received

At the Scientific American Office, on account of Patent Office business, from Wednesday, July 8, to Wednesday, July 22, 1863:—G. A., of Mich., \$26; R. R. B., of N. Y., \$16; R. W., of Conn., \$150; H. P., of Me., \$25; J. S. G., of N. Y., \$16; O. F. O., of Mass., \$25; G. McG., of Ohio, \$16; J. M., of Wis., \$12; P. B., of Ill., \$15; I. H., of Wis., \$26; A. S., of N. Y., \$16; B. and C., of R. I., \$50; N. F. C., of Wis., \$25; W. M., of Mass., \$30; N. B. B., of N. Y., \$16; J. T., of Wis., \$65; W. McK., of Pa., \$25; S. W. P., of Mass., \$16; C. M. L., of N. H., \$20; A. S. M., of Ill., \$20; C. C. S., of Ill., \$30; G. B., of Cal., \$50; J. T. W., of N. J., \$16; J. B. T., of N. Y., \$20; J. W. D., of N. Y., \$36; J. P., of N. J., \$41; J. G., of Ill., \$20; S. S. A., of Mass., \$20; T. R. T., of N. Y., \$55; S. S. and D. C., of Ill., \$20; W. T., of N. Y., \$10; J. C. C., of N. Y., \$314; S. and S., of N. Y., \$16; C. D. S., of N. Y., \$25; W. C. H., of Ohio, \$25; C. D. B., of Mich., \$25; J. W., of Ill., \$40; F. M., of C. W., \$16; J. H. C., of Ky., \$25; M. and S., of Pa., \$25; W. K. S., of Pa., \$25; T. H. B., of Mass., \$16; J. H. R., of Conn., \$12; B. F. H., of N. Y., \$25; H. B., of Pa., \$16; C. D., of Mo., \$25; A. J. A., of Ill., \$15; R. H. L., of Pa., \$20; O. H. K., of Saxony, \$20; J. V. V. B., of N. Y., \$41; C. F. B., of N. Y., \$10; P. P., of N. Y., \$30; A. C. C., of N. Y., \$41; J. McH., of Ohio, \$20; J. P., of N. Y., \$10; S. and M., of Iowa, \$20; H. H. J., of Conn., \$20; M. W. W., of Mo., \$16; J. J. R., of N. Y., \$16; C. T. D., of N. J., \$20; A. B., of N. J., \$41; J. H. M., of Ind., \$20; E. B. R., of N. J., \$20; G. H. S., of Mass., \$25; A. B., of Mich., \$25; J. B. C., of Mass., \$25; M. C. B., of Ill., \$16; S. L. G., of N. Y., \$25; B. L., of

Vt., \$133; I. E. P., of Conn., \$30; J. K., of Iowa, \$16; J. D., of Ill., \$41; S. H. M., of Cal., \$11; K. C. and R., of Wis., \$10; R. F. W., of N. Y., \$30; J. C., of Maine, \$20; T. L. C., of N. Y., \$25; J. G. R., of Cal., \$33; M. F. W., of Ill., \$26; A. S., of Ill., \$20; J. B., of Ind., \$30; I. L., of N. Y., \$20; O. P., of Vt., \$20; A. and C. K., of N. Y., \$41; F. D. B., of Ind., \$20; J. H., of Cal., \$41; C. R., of Mich., \$20; A. K., of N. Y., \$41; G. G. H., of Conn., \$20; F. W. H., of Canada, \$20; J. C., of Ohio, \$20; L. and B., of Ohio, \$51; A. M. M., of N. Y., \$16; J. C. W., of N. Y., \$20; T. S. T., of Ind., \$20; J. H. L. T., of Ill., \$20; O. A., of N. Y., \$25; B. C. N., of Ill., \$12; A. S., of N. Y., \$15; J. V. V. B., of N. J., \$25; J. P., of N. J., \$25; A. M. M., of N. Y., \$25; W. W. T., of Wis., \$15; J. W. K., of Mass., \$25; H. E., of N. Y., \$20; A. B., of N. Y., \$25; T. B., of N. Y., \$25; J. H. B., of N. Y., \$25; J. T. W., of N. J., \$25; T. R. T., of N. Y., \$55; A. J. S., of Ill., \$16; J. S. G., of N. Y., \$25; A. C. F., of N. Y., \$20; E. O. B., of N. Y., \$25; R. F. W., of N. Y., \$25; A. K., of N. Y., \$25; F. J., of Wis., \$25; J. W., of Iowa, \$31; A. C. B., of N. Y., \$10.

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 not to be found in this list, they will please notify us immediately, and inform us the amount, and how it was sent, whether by mail or express.

Specifications and drawings and models belonging to parties with the following initials have been forwarded to the Patent Office from Wednesday, July 8, to Wednesday, July 22, 1863:—

A. and C. K., of N. Y.; A. B., of N. Y.; T. B., of N. Y.; P. M. R., of Cal.; A. S., of N. Y.; A. K., of N. Y.; A. M. M., of N. Y.; F. J., of Wis.; J. T., of Wis. (2 cases); C. D., of Maine; J. G. R., of Colorado Territory; P. S., of Mich.; J. H. K., of Conn.; C. D. S., of N. Y.; A. B., of Mich.; G. H. S., of Mass.; W. C. H., of Ohio; A. and M., of Wis.; I. H., of Wis.; A. C. C., of N. Y.; E. O. B., of N. Y.; B. C. N., of Ill.; J. H. B., of N. Y.; J. V. V. B., of N. J.; J. P., of N. J.; J. W., of Iowa; J. M., of Cal.; W. M., of Mass.; B. F. H., of N. Y.; N. F. C., of Wis.; J. H. C., of Ky.; S. L. G., of N. Y.; W. F. O., of Mass.; J. B. C., of Conn.; J. M., of Ill.; W. R. S., of Pa.; G. A., of Mich.; J. W. D., of N. Y.; O. A., of N. Y.; R. F. W., of N. Y.; J. T. W., of N. J.; T. R. P., of N. Y.; J. W. K., of Mass.; J. S. G., of N. Y.; E. D. B., of N. Y.; M. F. W., of Ill.; W. McK., of Pa.; T. L. C., of N. Y.; R. and H., of Ohio; H. P., of Maine; C. D. B., of Mich.; W. M. B., of Ind.; M. and S., of Pa.; S. H. M., of Ill.

TO OUR READERS.

PATENT CLAIMS.—Persons desiring the claim of any invention which has been patented within thirty years, can obtain 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 furnish a sketch of any patented machine issued since 1863, to accompany the claim, on receipt of \$2.

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 are required to accompany the petition, specification and oath, except the Government fee.

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

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 gratis upon application at this office. Address MUNN & CO., No. 37 Park-row, New York.

Binding the "Scientific American."

It is important that all works of reference should be well bound. The SCIENTIFIC AMERICAN being the only publication in the country which records the doings of the United States Patent Office, it is served by a large class of its patrons, lawyers and others, for reference.

Believing that the latter style of binding will better please a large portion of our readers, we commenced on the expiration of Volume VII. to bind the sheets sent to us for the purpose in heavy board sides, covered with marbled paper and leather backs and corners.

Back Numbers and Volumes of the Scientific American.

VOLUMES I., II., III., IV., V., VII. AND VIII. (NEW SERIES) complete (bound) may be had at this office and from periodical dealers. Price, bound, \$2.25 per volume, by mail, \$3—which includes postage.

RATES OF ADVERTISING.

Twenty-five Cents per line for each and every insertion, payable in advance. To enable all to understand how to calculate the amount they must send when they wish advertisements published, we will explain that ten words average one line.

A CHEMIST EXPERIENCED IN ALL BRANCHES OF manufacture and science, desires employment in a chemical or dyeing business. Can give the best of references. Address FREDERICK HOFFMAN, 178 Fulton street, New York.

WAIT'S IMPROVED JONVAL TURBINE WATER wheel. The best and cheapest wheel in use. Heavy, strong and durable, adapted to all heads, easily set up and never gets out of order. Circulars sent on application. F. H. WAIT, Handy Hill, N. Y.