The state of the s	
Tree protector, F. Balley	
Turntable, C. P. Tibbetts	131,07
Type setting machine, A. Corey	130,98
Varnishing leather, etc., machine for, L. L. Allen	130,96
Vegetable cutter, M. P. Smith	181,12
Veneers, machine for cutting, E. S. Gilmore	181,09
Vessels, propulsion of, W. Richards	131,11
Wagon, dumping, E. R. Katz	131,00
Washing machine, E. Bonham	130,97
Washing machine, D. M. Holmes	181,05
Washing machine, J. Fox	131,09
Washing machine, P. W. Rote	131,11
Water cut off, rain, C. and W. Scales	191,12
Whiffletree, J. L. Darden	131,05
Yoke and pole coupling, neck, W. W. Skinner	

#### DESIGNS PATENTED.

6.096.—Campaign Badge.—T. H. Denison, Baltimore, Md. 6,097.-WATCH PLATE.-V. Gerard, New York city. 6,098.-WATCH BRIDGE.-J. L. Mathey, Hoboken, N. J. 6,099.—CLOCK FRONT.—W. F. Muller, New York city. 6.100 to 6.115.-CARPETS.-E. J. Nev. New York city. 6,116.-MUCILAGE BOTTLE.-H. S. Adams and B. Fay. 6,117.—Casker.—J. Nilsson, Brooklyn, N. Y. 6,118.—HAIR NET.—T. Officer, Brooklyn, N. Y.

#### TRADE MARKS REGISTERED.

976.—SUGAR CURED HAMS, ETC.—H. Ames & Co., St. Louis, Mo. 977.—SOAP.—R. M. Bishop & Co., Cincinnati, Ohio. 978.—SADDLERY HARDWARE.—Coleman, Walker & Co., Elizabethport, N.J.

# SCHEDULE OF PATENT FRES: each Cayeat each Trade-Mark.....

| On each Trade-Mark | 200 | On each Trade-Mark | 200 | On filing cach application for a Patent, (seventeen years) | 615 | On leaving each original Patent | 230 | On appeal to Examiners-in-Chief | 410 | On appeal to Commissioner of Patents | 230 | On application for Retension | 230 | On application for Extension of Patent | 230 | On application for Extension | 230 | On each retension | 230 | On each reten

A sketch from the model or drawing, relating to such portion of a machine as the Claim covers, from ...... § 1 umoard, but usually at the price above-named.

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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; 22,232.—HORSE RAKE.—C. GAIVET. NOV. 20, 1872. 22,811.—LAMP SHADE SUPPORTER.—W. F. Shaw. Nov. 27, 1872.

22,436.—FRUIT CAN.—W. W. Lyman. Dec. 11, 1872. 22,572.—SPECTACLE FRAME.—T. Noel. Dec. 26, 1872.

### EXTENSIONS GRANTED.

17,286.—Coupling for Shafting.—W. and C. Sellers. 21,891.-ATTACHING PROPS OF CARRIAGE BOWS.-D. B. Wright, L. Sawyer.

21,416.—Coffee Roaster.—T. Heerman.

21,486.—Couch for Railroad Car.—F. R. Myers and F. H. Furniss.

21,448.—MACHINE FOR TURNING HUBS.—A. Rickart. 21.464.-MANUFACTURE OF BRUSHES.-S. Barnes.

21,474. - JOURNAL BOX.-H. H. Thayer.

21,540—HARVESTER AND BINDER.—A. Sherwood. 21,541.—PIN STICKING MACHING.—C. W. Van Vliet.

# Practical Hints to Inventors

MUNN & CO., Publishers of the SCIENTIFIC AMERICAN have devoted the past twenty-five years to the procuring of Letters Patent in this and foreign countries. More than 50,000 inventors have availed themselves of their services in procuring patents, and many millions of dollars have accrued to the patentees whose specifications and claims they have prepared. No discrimination against foreigners; subjects of all counries obtain patents on the same terms as citizens.

#### How Can I Obtain a Patent?

is the closing inquiry in nearly every letter, describing some invention which comes to this office. A positive answer can only be had by presenting a complete application for a patent to the Commissioner of Patents. Ar application consists of a Model, Drawings, Petition, Oath, and full Specification. Various official rules and formalities must also be observed. The efforts of the inventor to do all this business himself are generally without success. After great perplexity and delay, he is usually glad to seek the aid of persons experienced in patent business, and have all the work done over again. The best plan is to solicit proper advice at the beginning. If the parties consulted are honorable men, the inventor may safely confide his Ideas to them: they will advise whether the improvement is probably patentable, and will give him all the directions needful to protect his rights.

#### How Can I Best Secure My Invention ?

This is an inquiry which one inventor naturally asks another, who has had ome experience in obtaining patents. His answer generally is as follows

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#### To Make an Application for a Patent,

The applicant for a patent should furnish a model of his invention if susceptible of one, although sometimes it may be dispensed with; or, if the invention be a chemical production, he must furnish samples of the ingredients of which his composition consists. These should be securely packed, the inventor's name marked on them, and sent by express, prepaid. Small models, from a distance, can often be sent cheaper by mail. The safest way to remit money is by a draft, or postal order, on New York, payable to the order of Munn & Co. Persons who live in remote parts of the country car usually purchase drafts from their merchants on their New York corres pondents.

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in order to apply for a patent in Canada, the applicant must furnish a model, specification and duplicate drawings, substantially the same as in applying for an American patent.

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American inventions, even if already patented in this country, can be patented in Canada provided the American patent is not more than one year

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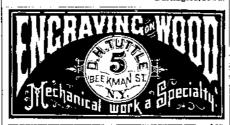
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