Scientific American.

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In order to apply for a patent in Canada, the applicant mnstfurnish a model, specification and duplicate draw ings, substantially the same as in applying for an Ameri can patent. The patent may be taken out either for five years (gov

ernment fee \$20), or for ten years (government fee \$40) or for fitteen years (government fee \$60). The five and ten year patents may be extended to the term of fifteen years. The formalities for extension are simple and not expensive.

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Did patentees realize the fact that their inventions are likely to be more productive of profit during the seven years of extension than the firstfull term for which their patents were granted, we think more would avail themselves of the extended for seven years, for the benefit of the inventor, or of his heirs in case of the decease of days before the termination of the patent. The extended under the first term having no rights under the extension except by special agreement. The Government fee for an extension is \$100, and it is necessary that good professional service be obtaine .. to conduct the business before the Patent Office. Full information as to extensiona may be had by addressing MUNN & Co., 37 Park Row, New York.

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Copies of Patents.

Persons desiring any patent issued from 1836 to Novem ber 26, 1867, can be supplied with official copies at a reas onable cost, the price depending upon the extent of draw ings and length of specification. Any patent issued since November 27, 1867, at which

lme the Patent Office commenced printing the drawing

[OFFICIAL.] **Index of Inventions**

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AND EACH BEARING THAT DATE.

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1,458.-MANILA PAPER.-J. Robertson & Son, Putney, Vt.

1,459.—BARRELS OF WHISKY.—W. S. Stewart, St. Louis, Mo. 1,460.—PETROLEUM.—Atlantic Refining Co., Phila., Pa.

3	On issuing each original Patent	\$20
3	On appeal to Examiners-in-Chief	\$10
2	On appeal to Commissioner of Patents	\$20
5	On application for Reissue.	\$30
	On application for Extension of Patent	
•	On granting the Extension	\$50
5	On filing a Disclaimer	\$10
5	On an application for Design (3½ years)	\$10
)	On an application for Design (7 years)	. \$1 5
	On an application for Design (14 years)	

VALDE OF PATENTS, And How to Obtain Them. Practical Hints to Inventors. **ROBABLY** no investment of a small sum of money brings a greater return than the expense incurred in obtaining a patent even when the invention is but a small one. Large

Ś inventions are found to pay correspondingly well. The names of Blanchard, Morse, Bigelow, Colt, Ericsson, Howe, McCormick, Hoe and others, who have amassed immense for-[**D**A tunes from their inventions, are well known ¢4,, And there are thousands of others who have realized large sums from their patents.

More than FIFTY THOUSAND inventors have availed themselves of the services of MUNN & Co. during the TWENTY-SIX years they have acted as solicitors and Publishers of the SCIENTIFIC AMERICAN. They stand at the head in this class of business; and their large corps of assistants, mostly selected from the ranks of the Patent Office: men capable of rendering the best service to the inventor, from the experience placucally obtained while examiners in the Patent Office : enables MUNN & Co. to do everything appertaining to patents BETTER and CHEAPER than any other reliable agency.

HOW TO **Patents** This is the closing in-QUITY IN nearly eve

ry 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. An application consists of a Model. Drawings, Petition, Oath, and full Specification. Various officialrules 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 expe-rienced 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 some experience in obtaining pat-ents. His answer generally is as follows, and correct: Construct a neat model, not over a foot in any dimen-sion-smaller if possible-and send by express, prepaid, addressed to MUNN & Co., 37 Park Row, together with a description of its operation and merits. On receipt thereof, they will examine the invention carefully, and advise you as to its patentability, free of charge. Or, if you have not time, or the means at hand, to construct a model, make as good a pen and ink sketch of the improvement as possible and send by mail. An answer as to the prospect of a patent will be received, usually, by return of mail. It is sometimes best to have a search made at the Patent Office; such a measure often saves the cost of an application for a patent.

Preliminary Examination.

In order to have such search, make out a written description of the invention, in your own words, and a pencil, or pen and ink, sketch. Send these, with the fee of \$5, by mail, addressed to MUNN & Co., 37 Park Row, and in due time you will receive an acknowledgment thereof, followed by a written report in regard to the patentability of your improvement. This special search is made with great care, among the models and patents at Washington, to ascertain whether the improvement presented is patentable.

To Make an Application for a Patent

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26,891.-SPECTACLE CASE CATCH .- G.N. Cummings. Jan. 7

EXTENSIONS GRANTED.

25,484.-GRAIN SEPARATOR.-J. L. Booth 25,499.—CAR SEAT.—E. Wheeler. 25,506.—LAMP.—H. Halvorson. 25,508 .- SHEARS .- R. Heinisch. 25.544.-TRY COCK.-J. F. Cook.

DESIGNS PATENTED.

6,882.-LAMP BOWL.-J.S. Atterbury et al, Pittsburgh, Pa 6,683 .- TUG CLIP .- J. Letchworth, Buffalo, N. Y. 6,884.—CHAIN.—H.H.Markley et al, San Francisco, Cal. 6,885.—OIL CLOTH.—C. T. Meyer et al, Bergen, N. J. 6,886.-FRUIT JAR.-S. B. Rowley, Philadelphia, Pa. 5,887.-AQUARIUM FRAME.-G. E. Smith, Chicago, Ill. 6,888.—CARPET.—H. Smith, Kidderminster, England. 6,889.—Knitted FABRIC.—T. Langham, Philadelphia, Pa

TRADE MARKS REGISTERED.

1,451.-MEDICINE.-S. Bonsall, Philadelphia, Pa. ,452.—SAWS, ETC.—H. Disston & Sons, Philadelphia, Pa 1,453.-CIGARS.-Goldsmith Bros. et al, Chicago, Ill. 1,454.—CIGARS.—J. Heller, Chicago, Ill. 1,455.—MASS LICORICE.—Hoffman & Co., Baltimore, Md. 1.456 .- LICORICE PASTE .- Hoffman & Co. , Baltimore.Md 1,457.-STOVES.-W. J. Keep, Troy, N. Y.

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 dis tance, can otten be sent cheaper by mail. The safest way to remit money is by a draft, or postal order, on York, payable to the order of MUNN & Co. Persons who live in remote parts of the country can usually purchase drafts from their merchants on their New York correspondents.

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