

**SAFES.**

MR. CHAPLEAU, of Montreal, had a very fine *Fire Proof Safe* on view. Inside is a frame work containing drawers and apartments for books. There is a space between this apartment and the inner casing, which is claimed to be of great advantage. Instead of hinges, wrought iron centres turning on pivots are used. Mr. Chapleau is also an extensive manufacturer of iron girders, &c. He took the first prize for Safes at the last exhibition and received the first prize also at this one.

MR. LANG also exhibited a very superior safe, very suitable for private office.

**PAINTS AND VARNISH.**

MR. J. E. DION exhibited specimens of *Star glass, Paint, Star glass oil, Black varnish and putty.*

**DECORATIVE HOUSE PAINTING.**

In the representation of grained wood of every description, MR. KIMBER bore off the palm; his doors were particularly admired, as specimens of art. His glass signs, marble panels, frescoed screens, embossed glass, &c., were all work of high merit.

**CARPENTRY.**

In this branch M. CURRIE, of Ottawa, stood out prominently in specimens of machines, wrought mouldings, doors, sashes, black walnut newels and balusters, scroll works, &c., &c., in great variety. First prize for flooring and mouldings, and two first prizes and one second prize for other wood-work.

**HOLLOW WOODEN WARE.**

MR. G. NEWELL, of Hull, also exhibited some very superior turned work in the shape of newels, balusters, pillars, &c., also a great variety of hollow wooden ware, brackets, wooden balls, &c.

**COFFINS.**

A great variety of metallic and wood *Coffins, Caskets and Hearses* were exhibited by the following parties. MESSRS. S. ROGERS and JOHN BARTON, of Ottawa. We remarked, however, that those manufactured in the United States have a superior finish, both in graining and varnishing, to those manufactured in Canada, but we are making rapid advances towards excellence.

**MARQUETRY.**

This beautiful kind of flooring which is now coming into general use in halls and passages of public and private buildings, was exhibited by MR. JAS. WRIGHT, of Montreal, in great variety. A "1st prize for the" description of work should certainly have been given to Mr. Wright. We commend it to the attention of all architects.

**INLAID WOOD MOSAIC.**

A most elaborate piece of work was exhibited by MR. J. A. B. HANNUM, of Hull. This is a table inlaid on top and sides with nineteen different kinds of wood nearly all of Canadian growth. The entire number is 120,000 pieces. It is entirely the work of hand, without stain or paint. Mr. Hannum spent five years in completing it, working at it late and early, after and before his hours of daily labour, as he is an employee. The top of the table is a representation of Mr. Eddy's manufactories at Hull. The exhibitor was his own draughtsman and cabinet maker; and says he never took a drawing lesson in his life. It is to be regretted that he did not obtain a draughtsman to put his buildings in perspective which would have added materially to their appearance and effect. He also exhibited a *lady's work box*, inlaid with 6,564 pieces of wood. We understand he asked a very high price for this elaborate piece of work.

**MARBLE WORKS.**

W. M. SOMERVILLE, Ottawa, made a fine display of *marble mantel pieces* and a *marble cross stone*, sewerage drain pipes, vases, &c.

MESSRS. HEARN & HARRISON, of Montreal, had a large display of *optical and mathematical instruments* of every description. This is such a well-known firm for the superiority of its implements that further comment upon their excellence is unnecessary.

GEORGE GALE, of Smiths' Falls, exhibited a very superior *toise mattress* which was subjected to a severe test.

A *CALENDAR CLOCK*, manufactured at Ithaca, N. Y.

It indicates, with certainty, the hour, day of the week, day of the month, and month of the year.—See page 337.

MR. T. B. G. TAYLOR, of Toronto, had a fine display of *calendar clocks*, which change for leap year. It is claimed that they will go for many years without requiring to be repaired.

H. J. SMITH, 105, Queen street, Toronto, exhibited some superior soda water fountains.

**FIRE EXTINGUISHER.****1ST PRIZE.**

MESSRS. A. A. MURPHY & C. C. HEALIE, of Montreal, exhibited the *Patent Fire Extinguisher*, which they represent as superior to anything of the kind in use. The principle involved in the construction of the *Extinguisher* is an exceedingly simple one, and depends upon the compression of air. The patentees claim many advantages for their invention over any other machine for extinguishing incipient fires, while it can also be put to other uses, such as cleaning windows, watering gardens, &c., and last but not least, it is much lower in price than any other in the market.

A MONTREAL COMPANY was represented by one of their *gas machines* in operation which attracted a good

deal of attention. It is said to be absolutely safe and automatic in its action. There is no gas in the machine proper, and no gasoline used or stored in the building. The gas is made in tanks under ground.

**NICKEL-PLATING.**

In this MR. CLARK, of Montreal, had a great display and appeared as if they could not be surpassed in durability and finish. *Horse bits, stirrups, steam whistles, hinges, pistols, water cocks, &c.*, are among the goods exhibited.

**TINNED WARE.**

J. M. WILLIAM & Co., of Hamilton, occupy a large portion of a wing with their *japanned tin ware & plain tin ware*, also stamped re-tinned ware, all excellent.

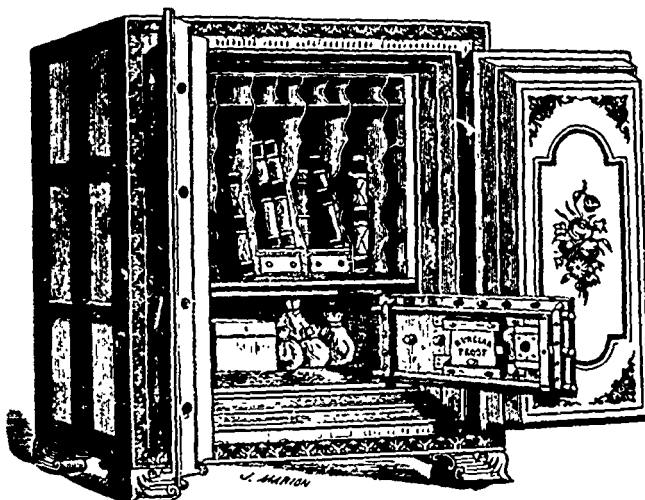
MR. JAMES SMART, of Brockville, exhibited a great variety of *castings*, such as *clothes-hooks, hinges, brackets, book-presses, patent-augers, hand morticing machines, jack screws*, and a variety of other machinery. MR. SMART is one of our most enterprising manufacturers, and his department was most creditably and worthily represented.

**BOOK-BINDING.**

In this art MR. W. R. BURRAGE, of Toronto, exhibited some very fine specimens of *Books and book-binding*, particularly *Zell's Encyclopedia*. The judges awarded him a 1st prize.

**SODA FOUNTAINS.**

MR. SMITH, of Toronto, exhibited some of very elegant design and workmanship.

**FIRE PROOF SAFE.—1ST PRIZE.**

Manufactured by GODFROI CHAPLEAU, MONTREAL.