

gable end of the other on the opposite octagon, is 212 feet. The total area of floor space is 29,000 superficial feet. There are eight wide entrances through the ends of these wings. The Building was constructed from an original design by Mr. James Mathers, architect, of Ottawa, and completed under his superintendence. Messrs. White and Black were the contractors for the carpenters' work, and Messrs. Keough and Strang for the painting. The whole work was brought to a very satisfactory completion and in good time.

THE OTHER BUILDINGS

consist of the Horticultural-hall, Poultry-hall, Machinery-shed, Stables, Cattle-sheds, Sheep-pen, and Pig-styes; also a Police office, Telegraph office, Directors, Secretary and Treasurer's rooms, and a brick cottage on the ground which was set apart for the use of ladies and the Directors' friends. The sizes of all these buildings are marked on plan.

THE TOTAL COST

of all the buildings, including the brick houses already erected, exceeds \$30,000, while the land purchased reaches a similar sum.

CASH RECEIPTS.

The number of persons who visited the grounds amounted to about 60,000, and the sum total collected reached about \$20,000. Had the weather been finer at the commencement, it would probably have been more.

The entrance price was 25 cents, and ten self-registering turnstiles were erected for the admission of the public. The fare by steamer or omnibus was ten cents.

ARTICLES EXHIBITED.

FINE ARTS DEPARTMENT.—PICTURES.

We do not feel competent to pass an opinion on this high Art; it is a delicate subject to touch upon, considering that its votaries are the most sensitive of human beings. There were certainly many pictures of a very high order of art, a great many of fair mediocrity, and a few unworthy of criticism.

Few are capable of judging of the merits of a really good picture; with many judges it is a mere matter of taste and not art judgment of keen criticism that influences their decision. We have no doubt but that many of the prizes were injudiciously awarded, still we would by no means infer that partiality was shown. More dissatisfaction was expressed at the decision of the judges on this branch of art than on any other that was exhibited. Altogether there were too many copies. We would sooner award a prize for an original drawing of medium merit than to one that was a copy from a painting of high order; the first is the effort of genius, the latter only the manipulation of the brush, and the blending of colors already selected for guidance.

MACHINERY.

In deciding on the merits of Machinery, the superior finish of many of the machines seems to have had great weight with the judges. MESSRS. BARTLEY & Co., of the St. Lawrence Iron Works, Montreal, were the contractors for supplying steam power, which was effectively done. A good deal of the machinery, however, was never tested, although awarded first prizes. This firm exhibited amongst other machinery *Patent Internal Clamp Coupling for Shafting*, deserving of particular notice, of which we will give an illustration in our next Number.

MESSRS. FROTHINGHAM & WORKMAN, of Montreal, exceeded all others in the extent, variety, value, utility, and superior quality of goods exhibited, which were admirably and tastefully arranged by Mr. Perry.

Among several articles of machinery we particularly noticed, Safety Valves, Flower's Stop Valves, and Portable Furnaces, of which we have given illustrations on pages 328 and 329.

MESSRS. KENNEDY & SONS, of Owen Sound, exhibited a very substantial and cheap *Running Gear* for circular saws; connected with the driving of this saw were many arrangements of great practical use. They also showed *bevel mortise wheels* and a *double turbine wheel*.

SCOTT, CAYLEY & CAYLEY, of Ottawa, had some very superior *leather machine belting*.

This Firm are sole representatives of MESSRS. J. A. FAY & Co., of Cincinnati. The machines manufactured by this Company have been awarded over 200 prizes and medals at all the prominent exhibitions in the world. They exhibit at Ottawa at the present Provincial Exhibition, a splendidly constructed *plane* and *matcher*, a *patent 3-side moulder*, a *patent mortiser with compound bed*, a *cabinet and spoke tenoner*, a *carriage cutting-off saw* and some mill saws made by "American Saw Co."

J. HAY & Co., of New York, also exhibited a very fine assortment of *Leather Machine Belting*.

In this Department also, THE CANADIAN RUBBER Co., of Montreal, had an excellent assortment of *India Rubber Belting*, *Engine Hose*, &c.

THE BOWMANVILLE MANUFACTURING Co. exhibited a large *planer* and *matching machine*, as well as several other contrivances, but as they were not running, the belting not having been put on, their properties could not be estimated.

CANT, GOURLAY & Co., of Galt, Ont., showed a very fine lot of *planers*, *moulding machines*, *tenoning machines*, *blind machines*, *mortisers*, and *new sowers*. Both this and the BOWMANVILLE Co. were unable to run their machines owing to not having them in place in time.

THE DUNDAS TOOL WORKS.—Messrs. McKechnie & Bertram's manufactures from the Canada Tool Works, Dundas, Ont., occupy a prominent place in the Machinery Department. The firm showed a splendid *Planing and Matching Machine*, which planes both sides of a board at one operation, a large size four side *Moulding Machine*, a *Gig Saw* running at 1,000 revolutions per minute, an improved *Wood Shaping Machine*, a *Compound Iron Planing and Shaping Machine*, and a twelve-inch *Drilling Machine*.

A *Lath Machine* exhibited by the MASSEY MANUFACTURING Co., Newcastle, Ont., seemed to be a very powerful machine and one not likely to get out of order. It cuts laths and pickets at the same time, and whilst cutting the laths indents them so as to give a better adherence to mortar.

MR. JOHN G. BRICKER, of Waterloo, exhibited an invention or improved machine for upsetting and shrinking tires, braces, &c. It took an extra prize, also a small *Emery wheel*, bevelled each way from the centre in its circumference for grinding the teeth of machines upon the field.

ONTARIO NUT WORKS, Paris, Ont. Some beautifully made square and *Hexagon Hot Pressed Nuts* were exhibited by this firm.

A very fine Engine called the *Chaudière* was exhibited, but we have omitted to record the makers' name in our note-book.

SAWS.

In this line MR. JAMES ROBERTSON, of Montreal, as usual took the first prize, as also in everything else he exhibited. His *Saws* have a great reputation throughout the whole Dominion.—(See illustration, page 332.)

THRESHING MACHINES.

There were several first class *Threshing Machines*, among those exhibited we noticed.

Threshing Machines and other agricultural implements from the "Fernal & Clinton Agricultural Works."

The *Little Grain Thresher and Separator* manufactured by the "Sherman & Forster Manufacturing Co.," Stratford, appears very simple in its construction and will thresh all kinds of grain and peas. It is a good machine, particularly for small farmers.

THE JOSEPH HALL MANUFACTURING Co., of Oshawa, exhibited their *Champion Threshing Machine* of which we afford an illustration.

From MESSRS. SECHER, SANDON & Co., RIDEAU FOUNDRY, and AGRICULTURAL WORKS, Smiths Falls, were exhibited a *Buckley's Force Feed Drill*, very simple in its construction and strongly made, and the Improved *Albany Feed Thresher* of from 8 to 10 horse power. Also a *bevel gear* for grist and saw mills, a *plough*, &c.