

growth to be thus manufactured by home industry into useful articles for the requirements of daily life. By these means alone can Canada expect to hold her own. Let home manufactures be encouraged in every way they can be directed, and thus assist so materially to render us independent of others for what we ought to make, and can if we choose make, for ourselves. Home productions would soon reduce the existing high tariff on importations, and by circulating our own money among our own people, would speedily enrich the length and breadth of the "land we live in." Among other aids to this desirable end the "Joseph Hall" works occupy a conspicuous place; and congratulating Oshawa upon the possession of such a praiseworthy industrial establishment, we now take leave of the company with our best wishes for its onward progress and further prosperity.

GREAT WESTERN RAILWAY MACHINERY AT THE PROVINCIAL EXHIBITION.

Among the articles in this section of the recent Exhibition, in London, was a large assortment of machinery and other work, exhibited by Mr. Sharp, the Superintendent of the Mechanical Department of the Great Western Railway, which is worthy of more special notice than it has previously received. The articles were as follows:—

One pair of locomotive cylinders, complete with all the valves, spindles and pistons, ready for fitting on the engine.

Two wrought iron piston rod crossheads, with straps and butts complete.

A complete set of brass-work, cocks, &c., for a locomotive engine.

An assortment of forged bolts and nuts, and wood screws, also a set of screw taps, machine finished.

Three locomotive side or wheel coupling rods, fitted with brasses complete.

A wrought iron locomotive axle box, and a tender axle box of a new pattern.

One "Duplex" safety valve for a locomotive boiler, being a patent by Mr. Ramsbottom, Locomotive Superintendent of the London & North Western Railway, England, and a decided improvement on the old form of safety valve.

One large brass steam dome cover, and one brass safety valve cover.

Two wrought iron locomotive axles, and two car axles—one of each finished, and one of each in the rough state.

One sand box of a new pattern for sanding the rails in slippery weather.

Three locomotive engine springs—also one car spring finished and one in the rough.

One wrought iron locomotive driving wheel, finished ready for putting on the axle.

One hand made wrought iron steam dome for a locomotive engine.

One set of parcel racks for a sleeping car.

One diagram model of the valve motion, and working gear of a locomotive.

Also a cast-steel locomotive crank axle. These axles are now being introduced in place of the iron axles, being much more durable.

All these articles, with the exception of the last named, which is of English manufacture, were made in the workshops of the Great Western Railway Company, at Hamilton, and were of very superior workmanship and finish; and by competent judges, said to be equal to anything in the same line at home or abroad.

UPPER CANADA PROVINCIAL EXHIBITION STATISTICS.

Tickets.

	Toronto, 1862.	Kingston, 1863.	Hamilton, 1864.	London, 1865.
Tickets sold at gates				
@ 25c.	43,228	16,000	27,000	45,000
Tickets to members*	9,260	4,700	8,000	5,800
Total	52,488	20,700	35,000	50,880

* In 1862 '3 and '4 each member received a ticket for the whole week of the Show, which in the above estimate we have taken as equivalent to four single admission tickets for each member; the latter plan being the one adopted by the Association at the late Show.

Entries.

	Toronto, 1862.	Kingston, 1863.	Hamilton, 1864.	London, 1865.
Horses	428	381	416	407
Cattle	620	401	541	533
Sheep	633	484	693	700
Pigs	208	106	150	215
Poultry	250	189	284	333
Grains and Seeds ...	460	512	580	792
Roots & Field Crops	386	285	388	554
Horticult'l Products	1,197	582	1,109	1,282
Dairy Products, Bacon, &c.	128	105	160	223
Agricultural Implements—power....	186	149	172	189
Agricultural Implements—hand....	142	107	128	188
Cattle Food, Manures, &c.	3	5	10	13
Ploughing Match†..	73	102
Arts & Manufactures Department	1,676	1,142	1,517	1,690
	6,317	4,448	6,221	7,221

† We have no returns at hand of the entries for "Ploughing Match" for the years 1862-3.