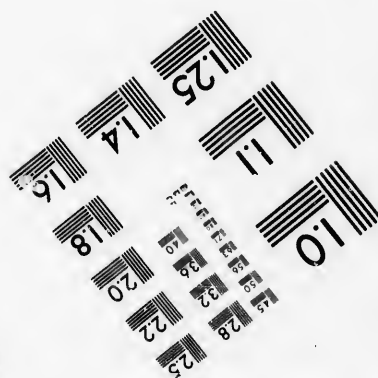
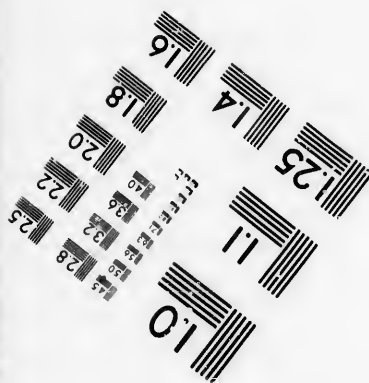
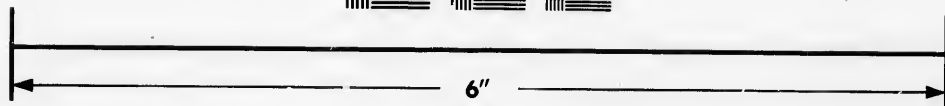
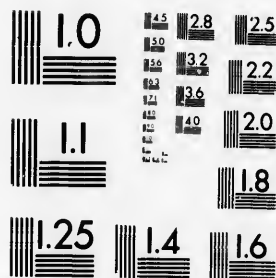


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TEST TARGET (MT-3)**



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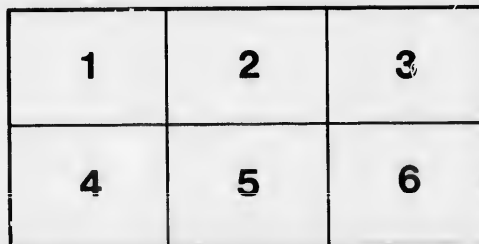
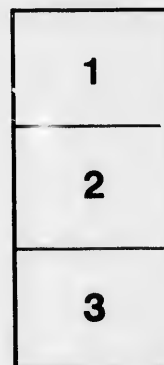
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DOMINION OF CANADA.

THE  
PROVINCE OF ONTARIO  
AS IT IS.

CONTAINING

Manufacturing, Commercial, Statistical and  
other Valuable Information.

PUBLISHED BY THE ONTARIO EXHIBITORS

AT THE

EXHIBITION AT SYDNEY, NEW SOUTH WALES,

UNDER THE AUTHORITY OF THE

*LEGISLATURE OF THE PROVINCE OF ONTARIO.*



TORONTO, ONTARIO, CANADA.

1877.

LP F 5012  
1877  
959

1208936

The EDITH and LORNE PIERCE  
COLLECTION of CANADIANA



*Queen's University at Kingston*

MANUFACTURED BY THE

Gardner Sewing Machine Company.

Liberal

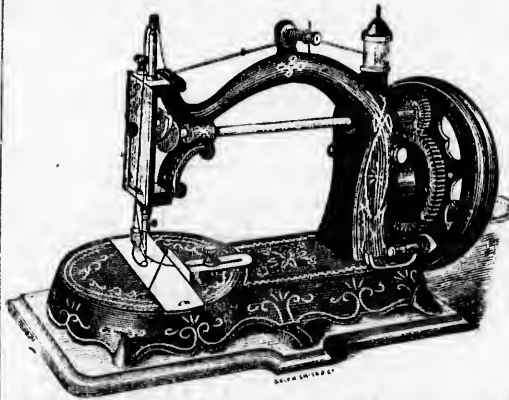
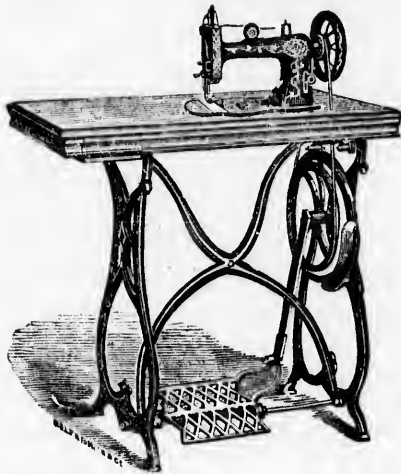
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DOMINION OF CANADA.

# ONTARIO AS IT IS.

## The Light-Running Royal.

MANUFACTURED BY THE  
**Gardner Sewing Machine Company,**  
HAMILTON, ONTARIO, CANADA.



BRITISH AND COLONIAL DEPOT:  
**3 and 5 NEWINGTON, Liverpool,**  
ENGLAND.

Liberal Terms for Shipping Orders; delivered F.O.B. at Montreal,  
New York or Liverpool.

Represented at the Sydney Exhibition and through Aus-  
tralia by Mr. THOMAS OLIVER, Special Agent.



## THE GOVERNMENT.

---

His Excellency Right Honorable the EARL OF DUFFERIN, K.P.K.C.B.,  
Governor-General of the Dominion of Canada, Commander-in-  
Chief of Her Majesty's Forces in the Dominion. Ottawa.

Honorable D. A. MACDONALD, Lieutenant-Governor of the Province  
of Ontario Toronto.

---

## EXECUTIVE COUNCIL.

---

*Attorney-General*.....Hon. OLIVER MOWAT.  
*Treasurer*.....Hon. ADAM CROOKS.  
*Commissioner of Crown Lands*.....Hon. T. B. PARDEE.  
*Commissioner of Public Works*.....Hon. C. F. FRASER.  
*Commissioner of Agriculture and  
Secretary and Registrar.* } .....Hon. S. C. WOOD.

---

## HOUSE OF ASSEMBLY.

---

Composed of eighty-eight Representatives, with the Hon. RUPERT  
M. WELLS, *Speaker*.

---

**JOHN BEARD,**  
**WOODSTOCK, ONTARIO, CANADA,**  
MANUFACTURER OF  
**TURNUED FLOUR-BARREL HEADING,**  
**CHEESE-BOX MATERIAL,**  
**WOODEN BOWLS.**

Compar

Y'r end.	June 30.
1868.....	5
1869.....	6
1870.....	7
1871.....	7
1872.....	8

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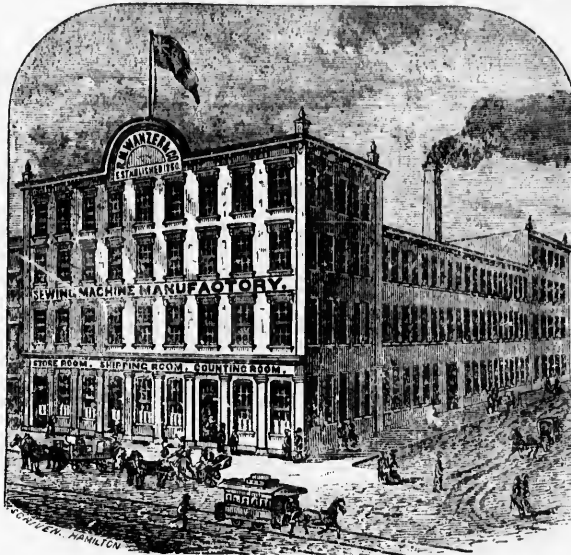
## EXPORTS AND IMPORTS, DOMINION OF CANADA.

Comparative Statement of Value of Exports and Imports, Dominion of Canada, since Confederation

Yr end June 30.	Total Exports	Total Imports.	Ent. for Consump.	Duty.	Year end'g June 30.	Total Exports.	Total Imports.	Ent. for Consump.	Duty.
1868.....	\$ 57,567,888	\$ 73,450,644	\$ 71,985,506	\$ 8,319,432	1873.....	\$ 89,780,922	\$ 128,011,251	\$ 127,514,594	\$ 13,017,730
1869.....	\$ 60,474,781	\$ 70,415,165	\$ 67,402,179	\$ 8,208,910	1874.....	\$ 89,351,928	\$ 128,213,532	\$ 127,404,189	\$ 14,421,832
1870.....	\$ 73,573,490	\$ 74,814,339	\$ 71,237,603	\$ 9,462,940	1875.....	\$ 77,866,979	\$ 123,079,233	\$ 119,918,657	\$ 15,361,382
1871.....	\$ 74,173,618	\$ 96,092,971	\$ 86,047,432	\$ 11,843,656	Agg. 8 yrs.	\$ 605,458,209	\$ 806,507,792	\$ 770,819,007	\$ 94,271,425
1872.....	\$ 82,339,663	\$ 111,430,527	\$ 107,709,116	\$ 13,045,493					

## THE WANZER MACHINES.

Highest Gold Medal Award.



Centennial Exhibition, 1876.

THE JUDGES and JURY of the CENTENNIAL EXHIBITION have awarded to the WANZER MACHINES the International Medal and Diploma for the Best Lock Stitch Sewing Machines, for family and general use. The only Gold Medal given for Sewing Machines was also awarded to the WANZER. These were the highest honors the Judges could bestow, and higher than given any other Sewing Machine.

## THE WANZER MACHINES

Have received the Highest Honors throughout the World: PARIS (France), MOSCOW (Russia), SANTIAGO (Chili), SYDNEY (Australia), LIMA (Peru), &c., &c. At the VIENNA WORLD'S FAIR the WANZER MACHINES received the Two Highest Medals, and were the only Sewing Machines awarded a Medal and Diploma by the Society of Arts and Manufactures of Lower Austria. His Majesty the Emperor of Austria conferred

The Imperial Order of Francis Joseph

Upon Mr. R. M. WANZER, for his prominent services in the Sewing Machine Industry of the world—The Only Imperial Honor and the Highest Distinction conferred upon any Sewing Machine Interest at Vienna.

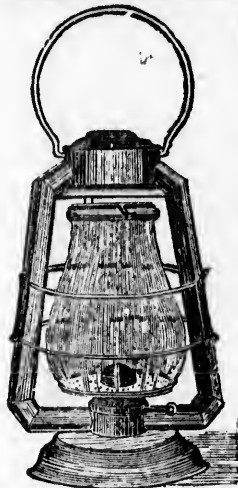
R. M. WANZER & CO.,  
HAMILTON, ONTARIO,

Dominion of Canada.

## EXPORTS, DOMINION OF CANADA.

*Summary Statement of the Value of Exports, the growth, produce and manufacture of the Dominion of Canada, exported during the fiscal year ending 30th June, 1875.*

DESCRIPTION.	ONTARIO.	QUEBEC.	N. SCOTIA.	NEW BRUNSWICK	BRITISH COLUMBIA	P. E. ISLAND.	MANITOBA.	TOTAL.
	\$	\$	\$	\$	\$	\$	\$	\$
Produce of the Mine .....	87,9,024	195,674	685,900	157,704	1,929,294	154	.....	3,878,150
Do Fisheries.....	94,838	652,859	3,738,165	451,905	133,980	308,037	737	5,330,527
Do Forest .....	4,472,720	14,175,205	1,151,162	4,684,738	292,468	105,487	.....	24,731,780
Animals and their produce .....	3,606,400	7,208,890	439,335	204,338	411,810	94,047	585,087	12,700,607
Agricultural Products .....	7,369,625	8,800,400	179,816	112,317	9,727	787,070	3	17,268,353
Manufactures .....	473,672	1,120,262	250,085	435,099	.....	5,891	2,561	2,293,040
Miscellaneous Articles .....	235,449	157,077	1,867	13,809	.....	979	.....	469,181
Now Ships .....	.....	798,450	.....	.....	.....	.....	.....	798,450
Corn and Bullion .....	807,000	158,479	76,358	.....	.....	.....	.....	1,039,837
Goods not produce .....	245,593	5,887,615	456,442	493,140	47,527	6,996	.....	7,137,319
Estimated amt's short ret'd	1,713,112	596,818	.....	.....	.....	.....	.....	2,218,930
<b>Totals .....</b>	<b>19,896,833</b>	<b>39,754,729</b>	<b>6,979,130</b>	<b>6,543,156</b>	<b>2,824,812</b>	<b>1,308,461</b>	<b>588,958</b>	<b>77,895,079</b>



### FIRST PRIZE PROVINCIAL FAIR 1875 & 1876

## J. H. STONE & CO.,

MANUFACTURERS OF

### Stone's Improved Short Tubular Lantern.

ALL GOODS GUARANTEED THE SAME AS SAMPLES.

OFFICE AND FACTORY:

CORNER CATHARINE AND REBECCA STREETS,  
HAMILTON, ONTARIO.

GEDDES, NEW YORK, October 10th, 1876.

J. H. STONE, Esq., Hamilton, Ontario, Canada,

DEAR SIR,—The Lanterns arrived all right. On trying them, we find that they are all you represented them to be, and far superior to the Tubular Lantern now in use in this country, manufactured by Deitz, of New York, or Denis & Wealer, of Chicago, and recommend them to parties wanting a good Lantern as being the best Tubular Lantern now in use.

Yours truly,

M. BRINTON,  
Superintendent Geddes Iron Works.

LEWISTON, November 15th, 1876.

J. H. STONE, Esq., Hamilton.

DEAR SIR,—In answer to your enquiry as to how we like your Tubular Lantern, we would say that it is the best Lantern that we have ever used around our mill. We find that your No. 1 and No. 2 are the best Lanterns in the world, for it seems impossible to put them out. They will stand when others now in use will go out in anything of a heavy wind. Our mill is exposed, and the wind can strike it from all points of the compass. We take great pleasure in recommending these Lanterns to the public, as the best Tubular Lantern now in use. We have had all of the others in our mill, and find them the only ones to come up to what they were recommended to do.

Yours truly,

H. H. WRIGHT & CO.

EX  
Statement of

FORTS.

Amherstburg  
Belleville  
Brantford  
Brighton  
Brookville  
Burwell  
Chatham  
Chippawa  
Clifton  
Cobourg  
Collingwood  
Cornwall  
Cramahe  
Darlington  
Dover  
Dundas  
Dunnville  
Elgin  
Fort Erie  
Gananoque  
Goderich  
Guelph  
Hamilton  
Hope  
Kingston  
Kingsville  
Lindsay  
London  
Morrisburg  
Napawee  
Newcastle

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**EXPORTS AND IMPORTS, PROVINCE OF ONTARIO.**

*Statement of the Value of Exports, the Value of Goods Imported, and the Amount of Duty collected, at each Port in the Province of Ontario, during the fiscal year ending 30th June, 1875.*

PORTS.		EXPORTS.	IMPORTS	DUTY.	PORTS.		EXPORTS.	IMPORTS.	DUTY.
Amherstburgh..	\$221,280	\$93,277	\$4,990	79	Niagara .....	\$.....	\$98,042	\$5,641	80
Boileville .....	590,100	458,192	36,943	63	Oakville .....	74,616	14,153	1,700	55
Brantford .....	53,966	619,057	110,888	79	Oshawa .....	110,680	180,232	13,602	57
Brighton .....	137,503	11,076	831	56	Ottawa .....	986,183	1,602,390	240,467	60
Brookville .....	488,117	716,301	55,480	80	Owen Sound .....	435	37,945	5,443	84
Burwell .....	19,373	2,003	183	56	Paris .....	91,979	145,971	9,533	37
Chatham .....	306,965	156,520	10,308	76	Penetanguishene .....	10,767	8,821	830	87
Chippawa .....	1,064	7,329	764	92	Peterboro' .....	.....	136,224	14,172	65
Clifton .....	2,064,288	3,110,807	200,085	40	Picton .....	287,312	28,671	2,426	36
Cobourg .....	265,525	124,800	13,394	34	Prescott .....	404,877	493,047	24,480	54
Colborne .....	25,361	1,038,523	7,013	29	P. Arthur's Landing .....	170,922	87,809	10,292	34
Collingwood .....	.....	340,752	11,668	62	Rowan .....	47,553	4,395	1,709	23
Cornwall .....	53,757	224,224	3,758	26	St. Catharines .....	1,816	810,215	62,958	93
Cramah .....	44,243	12,052	1,114	79	Sarnia .....	737,318	1,015,947	75,576	26
Darlington .....	122,239	240,240	24,163	66	Saugeen .....	6,479	14,865	120	74
Dover .....	53,736	130,002	1,285	61	Sault Ste. Marie .....	131,043	143,969	20,740	48
Dundas .....	23,003	100,368	8,798	08	Stratford .....	20,288	68,965	2,585	52
Dunnville .....	17,374	32,012	4,280	20	Toronto .....	244,659	255,365	30,131	41
Elgin .....	4,471	2,040	239	32	Trenton .....	1,870,763	14,879,838	2,293,440	13
Fort Erie .....	2,194,741	659,759	37,539	46	Wallaceburgh .....	517,399	10,927	1,775	46
Gananoque .....	54,722	91,211	5,228	45	Whitby .....	236,814	25,706	3,293	34
Goderich .....	160,572	220,128	5,709	07	Windsor .....	394,142	97,058	9,631	26
Guelp .....	270,857	655,585	91,504	05	Woodstock .....	200,575	754,443	47,906	21
Hamilton .....	607,112	5,342,442	697,373	39	.....	62,671	144,383	18,402	22
Hope .....	1,265,135	173,356	14,399	11	.....	18,183,721	43,596,549	4,811,489	21
Kingston .....	915,936	5,682,821	29,040	01	.....	1,713,114	.....	.....	.....
Kingsville .....	22,933	1,861	184	95	.....	.....	2,005	.....	.....
Lindsay .....	.....	53,825	7,419	42	Estimated Amt. short ret'd at In'd Ports .....	.....	.....	.....	.....
London .....	272,584	2,080,060	330,089	06	Copyrights .....	.....	.....	.....	.....
Morrisburgh .....	197,750	21,185	3,979	85	Total .....	10,806,333	43,598,554	4,811,489	21
Napanee .....	673,619	79,365	9,295	57	.....	.....	.....	.....	.....
Newcastle .....	36,189	42,734	3,163	72	.....	.....	.....	.....	.....

Domination of  
TOTAL.  
\$  
3,878,150  
5,380,527  
24,731,730  
12,700,507  
17,264,353  
2,293,010  
469,181  
798,450  
1,039,837  
7,137,319  
2,218,930  
77,896,079

75&1876  
CO.,  
Lantern.

SAMPLES.  
STREETS,  
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best Tubular  
Iron Works.  
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**CANADIAN  
MINERAL PAINT WORKS,**

LIMEHOUSE, ONTARIO.

*JAMES NEWTON, PROPRIETOR.*

**THE TRADE LIBERALLY DEALT WITH.**

My Paints have received **FIRST PRIZES** wherever shown in CANADA. Also **BRONZE MEDAL** at the **CENTENNIAL EXHIBITION, PHILADELPHIA, PA.**

Soliciting your esteemed orders,

I remain faithfully yours,

**JAMES NEWTON.**

## FIRE INSURANCE IN CANADA.

*Summary of Fire Insurance Canadian Companies for the year 1869-1875, from the report of the Superintendent of Insurance*

Year.	Net Cash Premiums Received.	Amount of Policies taken during the year.	Amount at Risk at date.	Losses Paid.
<b>Canadian Companies—</b>				
1869 .....	\$ 501,362	\$ 41,690,604	\$ 59,340,916	\$ 270,116
1870 .....	530,600	54,637,315	59,523,041	453,414
1871 .....	797,418	63,921,404	68,465,914	414,330
1872 .....	790,847	76,499,542	72,203,784	510,400
1873 .....	842,800	71,75,952	91,032,187	487,640
1874 .....	1,453,781	120,588,005	123,708,337	602,470
1875 .....	1,646,654	163,306,111	199,284,543	1,082,200
	6,486,558	608,470,983		3,846,003

## MORRISON BROTHERS & CO.,

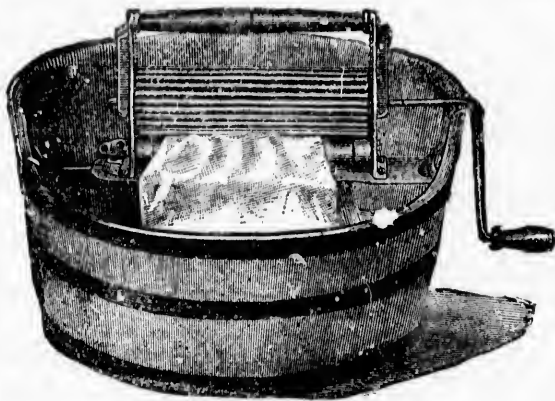
MANUFACTURERS OF

# Washing Machines, Clothes Wringers,

— AND —

# WOODEN-WARE.

This Machine will fit any size of wash tub, and can be fitted out of a large tub into a small one in a moment. It is *durable, substantial, and easily operated*, and will positively wash any garment **CLEAN** that can be washed clean by any other process of washing.



THE "WALKER WASHER."

THE PRIZE WASHING MACHINE OF CANADA.  
16 FIRST PRIZES IN 1875 ! 18 FIRST PRIZES IN 1876 !  
(The side of the tub is cut away in the Engraving to show the manner of fastening in the tub.)

We Manufacture,

WASHING MACHINES,  
WRINGING MACHINES  
WASH BENCHES,  
TUBS AND PAILS,  
CLOTHES BARS,

STEP LADDERS,  
ROOT CUTTERS,  
SPRING BEDS,  
BROOMS AND WHISKS,  
&c., &c., &c.

We solicit correspondence, and will quote prices "for export," delivered in Montreal, New York or Liverpool. Our facilities for manufacturing are such that we can compete with any manufacturer of Wooden-Ware on this Continent.

HAMILTON, CANADA.

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Australia  
Fiji Island  
New South  
New Zealand

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TABLE

Showing the Rates of Postage to be Collected in Canada on Letters, Newspapers, and other Printed Matter and Samples of Merchandise sent by way of the United States to the undermentioned Colonies and Foreign Countries.

COUNTRIES AND PLACES.	LETTERS PER 15 GRAMS OR ½ OZ.	REGIS- TRATION FEES.	NEWSPAPERS.	OTHER PRINTED MATTER.	SAMPLES OF MERCHANDISE.	
	To be Collected in Canada.	To be Collected in Canada.	Limit of weight for 1 Newspr.	To be Collected in Canada.	Weight of a single Packet.	To be Collected in Canada.
	cts.	cts.		cts.	cts.	
Australia (ex N. South Wales) } via San Fiji Islands ..... ( Francisco.	8	.....	.....	4	2	3
New South Wales—direct via San Francisco	15	12	.....	4	4	6
New Zealand—direct via San Francisco .....	15	12	.....	4	4	6

# Joab Scales & Co.

MANUFACTURERS OF

ALL BRANDS OF CHEWING AND SMOKING

# TOBACCOS

FROM THE

Best Virginia and N. C. Leafs.

SPECIALTIES:

THE OLD MAN'S FAVORITE,

PERFECTION,

SOUTHERN BEAUTY,

HIGHLAND LADDIE,

LITTLE QUEEN,

AND RENOWNED TIN TAG CHEWING.

FACTORY AND WAREROOMS:

122 and 124 Wellington St., Toronto, Canada.

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18 FIRST PRIZES IN 1875 1 18 FIRST PRIZES IN 1876 1

THE PRIZE WASHING MACHINE OF CANADA.

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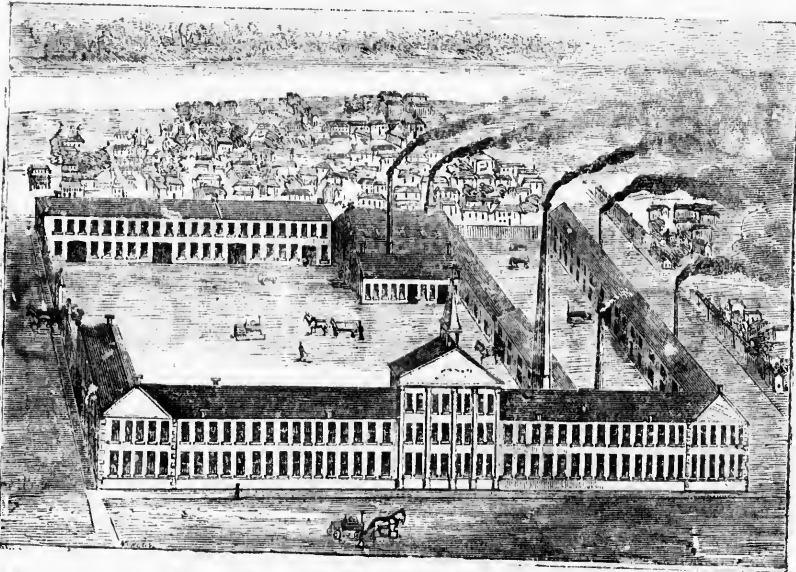
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## FISHERIES. PROVINCE OF ONTARIO, 1875.

25,573	brls. Whitefish	.....	\$255,730 00	748	brls. Pike	.....	\$3,740 00
8,965	" Trout	.....	89,650 00	3,851	" Pickerel	.....	19,465 00
9,490	" Herrings	.....	60,400 00	4,339	" Coarse fish	.....	21,650 00
196	" Scisocs	.....	1,274 00				
246	" Maskinonge	.....	1,230 00				
823	" Bass	.....	4,750 00				\$453,194 00

# Wentworth Engine & Implement Company,

OF HAMILTON, ONTARIO, CANADA.



**M**ANUFACTURERS of the celebrated Beckett Engines and Boilers, Stationary, Portable, Marine, &c., adapted for every description of work, where power and economy in fuel is required. We also make Engines especially designed for Mining, Pumping and Agricultural purposes, and also for use in small factories, where space is of importance. Having a large variety of patterns in stock, we are enabled to undertake the manufacture of all kinds of Machinery, and contract work at very reduced prices.

"Edgar" Upright Engines and Boilers, from 2 to 15 horse power; "Beckett" Horizontal Engines, from 2 to 100 horse power; Water Wheels, Bridge Work, Machinery in general, Wheeler's Combined Reapers and Mowers, Single Reapers, Single Mowers, Ploughs, Horse Rakes, Gang Ploughs, Cultivators, Corn Shellers, Seed Drills.

The Company are the sole Manufacturers of "Wheeler's No. 6" Combined Mowers and Reapers, which have stood the most severe tests and given universal satisfaction. Also of Single Mowers and Reapers of superior quality, and all kinds of Agricultural Implements. We would draw special attention to our Ten Horse Power Portable Engine and Boiler, mounted on wheels, with poles for horses, which can be moved about with the greatest facility. Address,

**Wentworth Engine and Implement Company,**  
HAMILTON, ONTARIO, CANADA.

JAMES A. SMITH, President.

WILLIAM EDGAR, General Manager.

## ONTARIO.

An erroneous impression prevails, not only on the Continent of Europe, but in Great Britain, that the British North American Colonies recently confederated have been completely eclipsed in growth of population and material resources by other communities similarly circumstanced. Nevertheless it can be demonstrated with almost the accuracy of a mathematical problem that in their aggregate character these Colonies have maintained the highest standard of progress, while in one instance, that of the Province of Ontario, historical records and census returns can be adduced to prove, beyond contradiction, that she has kept pace with the most ambitious and successful of her competitors, and can compare favorably with the most prosperous State in the American Union. We take up the statistical record and find that Ontario has grown from 120,000, in 1821, to 1,620,851, in 1871, thus repeating herself over 13 times in 50 years. And looking into the future we cannot see any obstacle to prevent her attaining a population of ten million before the close of another century. The anticipation is not extravagant, because it is

# Heintzman & Co.,

## TORONTO,

# Manufacturers of Pianofortes

AND DEALERS IN

## PIANOFORTES AND ORGANS.

### HIGHEST AWARDS AND MEDALS

Centennial Exhibition, Philadelphia.

We would most respectfully invite the attention of the Public to our unrivalled

### SQUARE AND UPRIGHT PIANOS,

which have been awarded a large number of Medals at Provincial, County and other Fairs, in Canada and the United States, during the last twenty-five years.

All our own make of Pianos have HEINTZMAN'S Patent Agraffe Bridge, a most important improvement, and also our New Overstrung Scale. The beautiful singing quality of tone of our

### NEW SQUARE PIANOS,

is not excelled by any Piano manufactured, and equalled by few. Also to our

### IMPROVED UPRIGHT PIANOS.

By the introduction of new and valuable improvements in the construction, we obtain an Upright Piano against which no valid objection can be urged, the tone being full, of the finest singing quality, perfectly even throughout the scale, the touch being lighter than can possibly be attained in any Square Piano, standing in tune as well, and the durability being quite equal to any Square Piano.

Every Pianoforte Warranted for Five Years. Communications will receive prompt attention.

We confidently assert that no Piano, equal in quality, can be imported and sold at the same price we offer these fine instruments. We have in stock cheap grades of Imported Pianos as low as any house in the Trade.

Agents for "Estey," "Taylor & Farley," "Smith American" "Clough & Warren," and "Whitney" Organs.

Warerooms, 117 King St. West, Toronto.] **HEINTZMAN & CO.**

..... \$3,746 00  
 ..... 19,466 00  
 ..... 21,050 00  
 \$453,194 00

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based on the assumption of an annual increase of 2 per cent., whereas the result of the last 2 decades exceed that ratio, as the following figures demonstrate :

Population in 1851.....	952,004
"    1861.....	1,386,095
"    1871.....	1,520,851

Whereas had the increase of population been restricted to 2 per cent. per annum, the figures would have been :

Population in 1851.....	952,004
"    1861.....	1,132,404
"    1871.....	1,370,884

The following is an encouraging record of the steady progress of a few of the Cities of Ontario, viz. :

	Population 1851.	Population 1871.
Toronto.....	39,775	56,992
Hamilton.....	14,112	26,716
Kingston.....	11,697	12,407
Ottawa.....	7,760	15,545
London.....	7,035	15,826
Brantford.....	3,877	8,107
Belleville.....	4,596	7,315
Chatham.....	2,070	5,873
Port Hope.....	2,476	5,114
Brockville.....	3,236	5,102
St. Catharines.....	4,368	7,864
Guelph.....	1,860	6,878

# JAMES REID, Cabinet-Maker

—AND—

## UPHOLSTERER.

Carpet and Floor Oil Cloth Warerooms.

Depot for National Wire Mattress.

67 KING STREET WEST,  
HAMILTON, ONT.

ALL KINDS OF FURNITURE ON HAND AND MADE TO ORDER.

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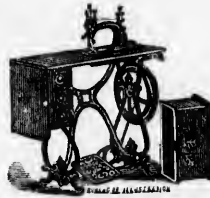
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The following are the statistics of the Public Schools of Ontario for the year 1874 :—  
 Number of schools reported as kept open, 4,753. The number of pupils between the ages of 5 and 16, attending the schools was 443,099. The school population was 511,603. The number reported as not attending any school is 10,321. The average attendance, namely, being the average daily attendance, divided by the legal teaching days of the year, was 192,898. The number of teachers are 5,736—2,601 being males and 3,135 females.

The average salary of male teachers in counties was \$348 ; of female teachers, \$235. In cities, of male teachers, \$699 ; of female teachers, \$276. In towns, of male teachers, \$520, and of female teachers, \$254. The Separate Schools are included in the above statement. The number of Roman Catholic Separate Schools is 166, and of pupils 22,786.

For the better supply of trained teachers, two Normal Schools have been established—one at Toronto, and the other recently at Ottawa. Two Model Schools, for boys and girls, are attached to the Normal School at Toronto, to aid in the practical training of Normal School students. During the year 1874, 73 male and 108 female students obtained Provincial certificates at Toronto, the new school at Ottawa being only in the first year of its operation. The total number of students admitted to the Normal School,

## GUELPH SEWING MACHINE COMPANY.



## THE OSBORN SEWING MACHINES

Having been awarded both CENTENNIAL MEDALS and MEDALS in the CANADIAN WARD at the INTERNATIONAL CENTENNIAL EXHIBITION, PHILADELPHIA, last year, as well as having been invariably awarded *FIRST PRIZES* wherever exhibited, since they were put in the market, we can with every confidence WARRANT them as

### FIRST-CLASS MACHINES,

In every respect. They will be EXHIBITED AT SYDNEY, N.S.W., and MELBOURNE, VICTORIA, this year, where we invite inspection.

WILKIE & OSBORN,  
 Manufacturers, Guelph, Ontario, Canada.

MESSRS. ALFRED CHANDLER, WOODS & CO.,  
 General Agents, Sydney, N. S. W.

Toronto, to the end of the year 1874, being the 52nd Session, was 7,367—3,703 being male, 3,664 being female. In the year 1874 the sum of \$3,239,271 was raised for the support of the Public Schools, being derived from the following sources :

From the County municipal assessment.....	\$606,538
The Trustees' school assessment.....	1,608,437
The Legislative Grant and other receipts.....	1,024,296
	\$3,239,271

Out of these funds the amount paid for teachers' salaries is \$1,647,750 ; for apparatus, prize books and libraries, \$54,987 ; for sites and building of school houses, \$699,547 ; rents and repairs to same, \$154,036 ; for school books, stationery and expenses \$309,008.

For High Schools the total expenditure in 1874 was \$236,593. The total receipts amounted to \$285,051, derived from the following sources : Legislative Grant, \$75,553 ; Municipal Grant, \$137,801 ; pupils' fees, \$19,022 ; and other sources, \$52,675. This shows an increase over the preceding year of \$52,159. Out of the receipts, the amount paid for salaries of masters was \$179,946 ; for rents and repairs, \$63,684 ; prize books and expenses, \$39,639 ; apparatus and libraries, \$3,323.

# AYR AGRICULTURAL WORKS

ESTABLISHED 1847.

JOHN WATSON, - - Proprietor.

These Works were awarded the only GOLD MEDAL for Agricultural Machinery at the Centennial Exhibition.



In addition they received a Bronze Medal, and a Special (Judge's Report.

The largest collection of Agricultural Machinery from the Dominion of Canada at the Centennial Exhibition was that shown by these Works.

At the Sydney Exhibition of 1877, they again head the list, both in the number of articles exhibited and in variety.

At these Works are manufactured every article used on a Farm from a Plow to a Threshing Machine, etc.

I invite comparison from the world, as regards the superiority of workmanship and variety of style of the various implements manufactured by me.

Orders for any of my manufactures are respectfully solicited.

Address,

**JOHN WATSON,**

AYR, ONTARIO, CANADA.

Price List and Illustrated Catalogue free on application.

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**TORONTO.**

Toronto, formerly York, capital of Ontario, and one of the most flourishing cities in the Dominion, is situated on a beautiful circular Bay on the N. W. shore of Lake Ontario, in York County, 333 miles W. S. W. of Montreal, 161 miles from Kingston, 39 miles N. by E. of Hamilton, and 500 miles N. W. of Washington. Lat. 43° 49' 4" W. ; Lon. 79° 71' 5" W. Mean temperature of the year 40° 4 ; Winter, 26° 4 ; Summer, 63° 8, Fahrenheit.

The Bay is entered by a narrow opening, and is separated from the Lake by a low peninsular, 4 miles long, inclosing a beautiful basin 1½ miles in diameter, forming a safe and well sheltered harbour capable of containing a large number of vessels.

The City generally is built of a light colored brick, of a soft, pleasing tint. The public buildings of the City are substantial in workmanship, and some of them beautiful in architectural designs. Many of the stores, especially wholesale stores, and private dwellings, are quite palatial in their outward aspect and interior structure. It is the seat of

**PATENT MAIL BAGS.**



**NO SEALING WAX.**

**No Look! No Twine!**

**Also Manufacturer of Saddles and Harness!**

**On View at the**



**Canadian Department.**

**R. MALCOM**

**181 King St. West, Toronto, Ontario.**

Law and Provincial Government, and the headquarters of the Educational Department of Ontario. The principal buildings in connection with these are Osgoode Hall, a fine classic structure, containing all the Superior Law Courts of the Province. The Parliament Buildings, of plain exterior, but with handsome Legislative Chamber and well equipped Government office. The Lieut.-Governor's residence is a princely mansion. The Normal School buildings, of Italian design, containing offices and depositories of the Council of Public Instruction; two Model Schools; one Model Grammar School and Educational Mussum. There are several handsome Common and Grammar Schools. In connection with higher education there is the University of Toronto, one of the finest buildings on the Continent of America, and reckoned second to none on this side of the Atlantic as a seat of learning. It is of Norman architecture in its principal features, with massive tower and richly sculptured doorway for its main entrance. It is beautifully situated at the western side of the Queen's Park, a noble Public Park for the recreation of the citizens, whose spacious avenues are ornamented with rows of stately trees. In the Park there is a handsome monument erected in honor of those Toronto Volunteers who sacrificed their lives during the first attempted invasion of Canada by the Fenians

## McMURRAY & FULLER,

WHOLESALE MANUFACTURERS OF

# Woodenware, &c.

31 Front St. East, Toronto.

We have always in stock large quantities of

Brooms—5 qualities—Anchor, Crown, Star, etc.

Brushes—Stove, Shoe, Scrubbing, Horse, etc.

Tubs—Pine and Cedar.

Pails—2 and 3 hoop—Pine.

“ “ “ Cedar—specially adapted for hot climates.

Pails—Lard, Sap, Spice, Tobacco, etc.

Stable Buckets—Oak and Cedar.

Ash Butter Tubs, &c.

Washboards—Globe XX., Shaker and Star.

Step-Ladders—All sizes.

Clothes Racks.

Clothes Pins—Round heads—3, 4, and 5 gross boxes.

Baskets—Willow, Rattan and Split.

Matches—Nos. 1 and 2—always on hand.

Wooden Bowls—Cottonwood, etc.

Churns—Union and Dasher.

Rolling Pins, Pounders, &c.,

Cordage and Twines,

Wrapping Papers, &c., &c.

Orders by Mail promptly attended to.

Send for Catalogues.

N.B.—We are prepared to deliver any of the above line of goods f.o.b., at the ports of New York or Montreal, for shipment to suit consignees. Our Manufactures are now on view in the Canadian Department of the Sydney International Exhibition. Mr. F. H. DAVENPORT, of Sydney is our resident correspondent. Our wares are marked or labelled “C. C. AND MFG. Co.”

(Preserve this for Future Reference.)

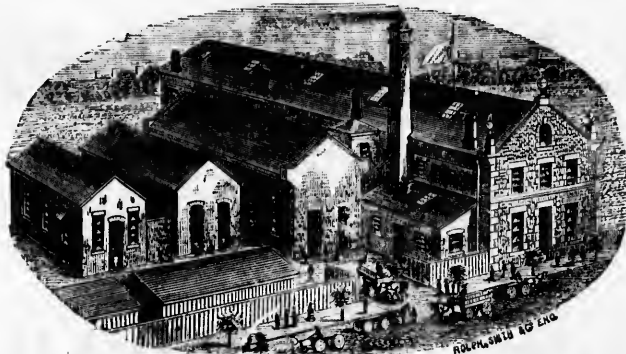
in 1866. Trinity College is another educational institution in connection with the Episcopal Church. And there is also Knox College, for theological training, in connection with the Canada Presbyterian Church. The Upper Canada College is an extensive range of buildings, and has a high repute as a Grammar and Boarding School for boys. There are two Schools of Medicine in Toronto, each having an efficient staff of Professors. There is also an ably conducted Veterinary College.

The public institutions are numerous, and many of the buildings have striking features of architectural beauty. Amongst them may be enumerated the Lunatic Asylum, the Crystal Palace for holding Provincial Exhibitions, the Boy's Home, the Girl's Home, the House of Providence, the Protestant Orphan's Home, the Custom House, the Government School of Technology, the new Post Office, a fine specimen of the Italian order of architecture.

The manufacturing interests of Toronto are varied. There are several extensive Iron foundries and engineering establishments, railway car building shops, rolling mills, several breweries, and a mammoth distillery, carriage factories, tanneries, soap works,

## The Canada Sewing Machine Company,

(LIMITED.)



HAMILTON, ONTARIO, CANADA.

MANUFACTURERS ONLY OF

**The Most Perfect Sewing Machines of the Day.**

The Machines made by this Company are pronounced by engineers and experts, "The Perfection of Sewing Machine Mechanism."

Never out of order.

A new era in domestic labor.

No more annoyance from Machine out of order.

No more spoiling of materials.

No more bad work.

No more expenses for repairs.

The Family Sewing is changed from an irksome task to a pleasant pastime.

**GOLD MEDAL OF MERIT** over all Machines in England, **EIGHTY-SEVEN FIRST PRIZES** in America, **DIPLOMA** of Michigan Art and Industry Exhibition.

**ON EXHIBITION** at SYDNEY and MELBOURNE—The celebrated, "Webster" Lock Stitch Shuttle (treadle) Machine, and the "Empress of India" Lock Stitch Shuttle (hand) Machine.

**EVERY MACHINE WARRANTED.**

spice mills, cabinet factories, one of which is the largest in the Dominion, car wheel works, machine shops of all kinds, pork packing establishments, one of these, in appliances and arrangements for killing and curing, being modelled after the fashion of the best Chicago houses, sewing machines, sash and door, and boot and shoe factories on an extensive scale. Besides these, many other varieties of trades and manufactures are carried on.

Banking is well represented, there being 15 Banks in the City, eight of which have sprung out of the enterprise of Toronto Merchants, and are doing a profitable business, these are the Bank of Toronto, the Royal Canadian Bank, the Bank of Commerce, the Dominion Bank, the Federal Bank, the Standard Bank, the Imperial Bank, and the Consolidated Bank. The other seven have their head office elsewhere, and are: branches of the Bank of Montreal, the Merchants Bank, the Ontario Bank, the Bank of British North America, the Quebec Bank, Molson's Bank, and the City Bank. Insurance Offices are numerous, and their business extensive.

The principal public Halls are the St. Lawrence, Albert, and Shaftesbury Hall, to the latter is attached a suite of rooms in connection with the Young Men's Christian Association. There is also a Mechanics' Institute with class rooms, reading room, and library. Toronto contains 1 Synagogue, and about 77 Churches, of which 20 are Church of England, 7 Church of Rome, 16 Methodist, 13 Presbyterian, and the remainder divided among the Baptist, Congregationalists, New Connexion Methodists, and other dissenters.

# W. P. HOWLAND & SON,

SOLE AGENTS FOR

DATE'S PATENT

# Steel Company,

LIMITED.

MANUFACTURERS OF

EDGE TOOLS,

MALLEABLE IRON,

&c., &c., &c.

TORONTO, - - ONTARIO.

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Among the Churches most deserving of notice for their architectural merit are : St. James' Cathedral (Church of E.), St. Michael's Cathedral (R. C.), Metropolitan Tabernacle (Methodist), St. Andrew's, Knox, Holy Trinity, St. George's, and All Saints Churches.

There are in the vicinity of the City 5 Burying Grounds, viz : Pottersfield, 6 acres ; Toronto Necropolis, 15 acres ; St. James' Cemetery, 65 acres ; the Roman Catholic cemetery, and Mount Pleasant cemetery.

Forty-one newspapers and periodicals are published in Toronto, viz. ; 4 daily, 15 weekly, 5 semi-monthly, 15 monthly, 1 quarterly, and 2 annually.

The City is well supplied with water, and is lighted with gas, and has an efficient fire brigade.

Its fine harbor affords great facilities for an extensive traffic. Lines of Steamboats run daily, during navigation, to all the Lake Ports and Ports on the River St. Lawrence.

Five lines of Railways run through the City, the Grand Trunk, Great Western, Northern, Toronto Grey & Bruce, and Toronto and Nipissing. These railways connect at all seasons of the year with all places of importance on this Continent.



## CENTENNIAL EXHIBITION!

Highest Award given for Canada

— TO —

# KING & BROWN

FOR

# Fine Boots & Shoes

And especial mention made for the greatest variety of style and workmanship, embracing all kinds of Men's, Boys' and Youths', Women's, Misses', Children's and Infants', in different widths and half sizes. We are now fully prepared to execute orders for any kind and style of B. and S. made here or in any country, and at the shortest possible notice. Goods made of the Finest and Best Stock—"no Shoddy."

We have already established a reputation throughout the Dominion for superior quality and style, having been recently adding to and remodelling our Machine, Hand Sewed, and Cable Screw Wire B. and S. We are now making them in sizes and half sizes, rights and lefts, and straights, as follows :

Ladies' in 7 widths—AA, A, A $\frac{1}{2}$ , B, B $\frac{1}{2}$ , C, C $\frac{1}{2}$ .	Gents' . . . in 6 widths—B, B $\frac{1}{2}$ , C, C $\frac{1}{2}$ , D, D $\frac{1}{2}$ .
Misses' in 4 " B, B $\frac{1}{2}$ , C, C $\frac{1}{2}$ .	Boys' . . . in 4 " B, B $\frac{1}{2}$ , C, C $\frac{1}{2}$ .
Children's 4 " B, B $\frac{1}{2}$ , C, C $\frac{1}{2}$ .	Youths' . . in 3 " B, B $\frac{1}{2}$ , C.

In Ladies' work, AA is very narrow ; A, narrow ; A $\frac{1}{2}$ , slight medium ; B, medium ; B $\frac{1}{2}$ , full medium ; C, wide ; C $\frac{1}{2}$ , very wide. In Gents', B is narrow ; B $\frac{1}{2}$ , slight medium ; C, medium ; C $\frac{1}{2}$ , full medium ; D, wide ; D $\frac{1}{2}$ , very wide. In Misses', Boys' and Children's, B is slight medium ; B $\frac{1}{2}$ , medium ; C, full medium ; C $\frac{1}{2}$ , wide. In Youths', B is medium ; B $\frac{1}{2}$ , full medium ; C, wide.

Each Boot is stamped on the lining and sole with our name, the width and size. In ordering Boots from us, please mention the sizes or half sizes and widths wanted. As usual, we manufacture full lines of Ladies', Misses', Children's, Gents' Boys' and Youths best pegged work, and are now able to supply closed uppers of every style of Boots and Shoes we manufacture, at prices proportionate to the cost of the goods complete.

All Orders you may be pleased to favor us with will have our careful and prompt attention, and especially orders from AUSTRALIA, WEST INDIES, MANITOBA and ENGLAND. Prices will be found very moderate, and terms as easy as any respectable house.

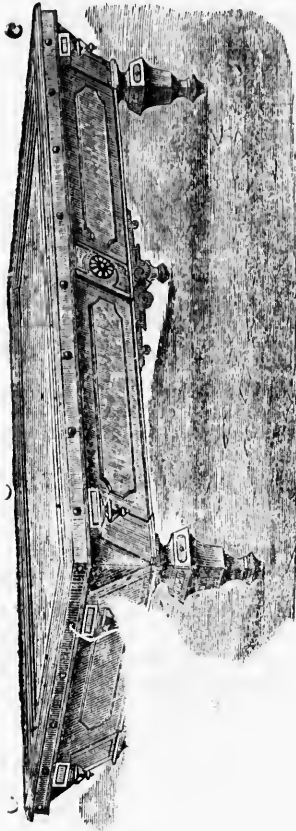
KING & BROWN, Toronto, Canada.



The value of real and personal property in Toronto for the years 1870, 1871, and 1872 was, respectively : 1870, \$26,918,457 ; 1871, \$29,277,135 ; 1872, \$32,644,612. The total value of imports for 1872 was \$13,098,133 ; exports, 2,201,814. Population in 1817, 1,200 ; in 1830, 1677 ; in 1842, 15,336 ; in 1845, 19,706 ; in 1852, 30,763 ; in 1861, 44,821 ; in 1871, 56,092 ; and it is now estimated at over 80,000.

Toronto was founded by Governor Simcoe in 1794. Parliament buildings were erected and the Legislature assembled there for the first time in 1797. In 1813 it was captured by the Americans under General Pike, who was killed in storming the Fort, but it was held only for a few days. Since that period the place has made steady progress, and has assumed considerable importance as a mart of Trade and Commerce. In 1834 it was incorporated a City, and its name changed from York to Toronto. It has now fourteen Clubs and three Theatres, two of which are magnificent both as to appearance and interior arrangements.

# RILEY & MAY, Standard Billiard Table Manufacturers!



OFFICE, W  
AND FA

THE LATEST IMPROVED CUSHIONS, TIPS  
AND IMPORTERS OF AND DEALERS IN

TIPS, CUES, CHALK, TIPS, CUE CUTTERS,  
CUE CEMENT, CUE WAFERS,  
CUE CLAMPS, POCKETS, MARKERS, &C.

and Altered to the New Design.

THE LATEST CUSHIONS PUT ON RAILS.

TURNED AND COLOURED.

Uniformity of Construction and Durability.

STRATED CATALOGUE AND PRIZE LIST.

EN-PIN AND BOWLING GREEN BALLS.

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## OTTAWA.

Ottawa, formerly Bytown, a City of Ontario, capital of the Dominion of Canada and of Carleton Co., is beautifully situated on the right bank of the Ottawa river, at the outlet of the Rideau, and on the Canada Central and St. Lawrence & Ottawa Railways, 54 miles N. of Prescott, 126 miles W. N. W. of Montreal, 96 miles N. N. E. of Kingston, and 450 miles from New York. It is one of the most flourishing cities in Ontario, being the entrepot of the great lumber trade of the Ottawa River and its tributaries. It is divided into Upper and Lower Town by the Rideau Canal, which connects it with Kingston. The locks are eight in number and very massive.

The chief attraction in Ottawa is the Government Buildings, which occupy an elevated piece of ground about 25 acres in extent, and 150 feet above the river, known by the name of "Barrack Hill." The Government Buildings, the corner stone of which was laid by H. R. H. the Prince of Wales in September 1860, are constructed of a light-colored sandstone, found in the Township of Nepean, in the valley of the Ottawa. The walls and arches are relieved with cut stone dressings. The style of architecture is the Italian gothic, and the south front of the quadrangle is formed by the Parliament building, 500 feet in length. The two departmental buildings are 375 feet long. The library, a beautiful detached circular building, with a dome 90 feet high, is in the rear of a central tower 250 feet high. The two Legislative Halls are on each side of the library, but in the main building. The dimensions of these halls are the same as the house of Lords, viz. : 80 feet by 45, they are situated on the ground floor, and lighted from above. The

## BRAMPTON AGRICULTURAL WORKS

ESTABLISHED 1849.

# HAGGERT BROTHERS,

IRON FOUNDERS AND MANUFACTURERS OF

Steam Threshing Machines.

Horse Power Threshing Machines.

Reaping Machines.

Mowing Machines.

Sawing Machines.

Seed Drills.

Straw or Chaff Cutters.

Sulky Horse Rakes.

Floughs.

Gang Floughs.

Sulky Floughs.

&c., &c., &c.

Received the HIGHEST AWARD at the Centennial Exhibition, Philadelphia, namely, International Medal and Canadian Government Medal for their

## HORSE POWER THRESHING MACHINE

NOW ON EXHIBITION AT SYDNEY.

For further information, we beg to refer to

HENRY & P. WELCH & CO.,

43 Pitt Street, Sydney, and

172 Queen Street, Melbourne, or

HON. JOHN YOUNG,

Canadian Commissioner, Sydney.

F. LASSITER & CO.,

Sydney, N. S. W.

OUR ADDRESS IS :

**BRAMPTON, ONTARIO, CANADA.**

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STRATED CATALOGUE AND PRIZE LIST.  
EN-PIN AND BOWLING GREEN BALLS.

library is constructed after the plan of the new library of the British Museum, and will hold 300,000 volumes. The two departmental buildings contain, in the aggregate, 300 rooms, and are intended to accommodate all the departments of the Government of the Dominion, and are so constructed as to be capable of extension at any future time without injuring the general architectural effect. The buildings cover nearly four acres, and cost about \$4,000,000.

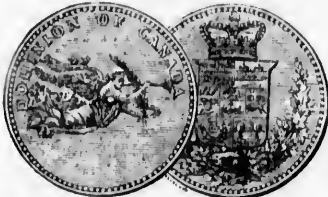
Ottawa contains 17 Churches, viz. : 3 Church of England ; 4 Church of Rome ; 2 Presbyterian ; 1 Church of Scotland ; 4 Methodist ; 1 Congregationalist ; 1 Baptist ; 1 Catholic Apostolic.

Nine Printing offices, several flouring mills, and large saw mills ; and has manufactories of iron castings, mill machinery, agricultural implements, brooms, bricks, leather, wooden ware, &c., and agencies of 2 Telegraph and a number of Assurance and Insurance Companies and 7 Banks. Five daily newspapers are published in Ottawa ; and the City is well lighted with gas.

Adjacent to Ottawa are several thriving Villages, among others New Edinburgh and Hull. " Rideau Hall," the residence of the Governor-General is in the former place. It is a handsome stone structure, with 35 acres of well laid out grounds and beautiful avenues of shaded trees ; a street railway connects these villages with Ottawa.

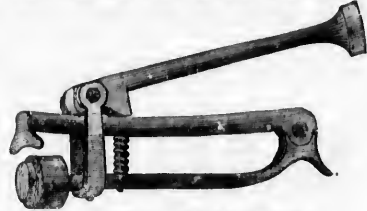
The City returns 2 members to the House of Commons, and 2 to the Provincial Legislature. The total value of imports for 1872 was \$1,472,505, exports \$1,469,954. Population in 1861, 14,669, in 1871, 21,545.

MEDAL



AWARDED AT PHILADELPHIA, 1876.

RAWBONE'S CARTRIDGE CREASER



AND WAD RAMMER.

**J. L. RAWBONE,**  
123 Yonge Street, Toronto, Canada.

MANUFACTURER OF

**BREECH LOADING IMPLEMENTS,**

— ALSO, —

**Rawbone's Patent Cartridge Creaser and Rammer**

Combined. Weight, 8oz. See Cut.

Cartridges creased with this instrument make 20 per cent. better shooting than turned ones, whilst the recoil is greatly reduced, and the operation of refilling the exploded shell much facilitated owing to the mouth of the shells being left firm and round after firing. For gentlemen, however, who prefer the turnover machine we have just perfected and patented an arrangement which, whilst weighing but 6 oz., embraces a turnover machine, a wad rammer, and a cartridge extractor.

Samples of the Cartridge Creaser and other Breech Loading Implements may be seen in the Canadian Department of the Sydney Exhibition.

Importers are Invited to Correspond.

## HAMILTON.

Hamilton, a City of Ontario, capital of Co. of Wentworth, is situated on Burlington Bay, at the western extremity of Lake Ontario, 372 miles W. S. W. of Montreal, 186 miles E. N. E. of Detroit, and 70 miles N. W. of Buffalo.

It was laid out and settled in 1813 by a person of the name of Hamilton, it is built on a plateau of slightly elevated ground, winding around the foot of a hilly range, which extends from Niagara Falls, and which here is named the Mountain. The streets are wide, and for the most part cross each other at right angles.

The Banks and many of the Churches and Stores are handsome structures; on the rising ground approaching the Mountain are many elegant residences.

The City contains 32 Churches, viz.: 5 Episcopal; 3 Roman Catholic; 7 Presbyterian; 3 Baptist; 10 Methodist; 1 Congregational; 1 German Lutheran; 1 Plymouth Brethren, and 1 Jewish Synagogue. Also the head office of the Bank of Hamilton, 5 Branch Banks, a number of Assurance and Insurance agencies, a Mechanics' Institute, a Reading Room, 2 Telegraph agencies, a Wesleyan Female College, and several Academies

# R. HAY & CO.,

MANUFACTURERS OF

HOUSE, SCHOOL, OFFICE, CHURCH,

AND ALL KINDS OF

## FURNITURE AND CABINET-WARE.

WAREROOM :

King Street West, Toronto.

FACTORY :

FRONT STREET, TORONTO.

### SPECIALTIES

The Wooten Patent Cabinet Secretaries,

(Patented 7th January, 1859.)

The Wooten Rotary Desk,

(Patented 21st July, 1876.)

Danner's Revolving Book Case,

(Patented 16th May, 1876.)

and Schools, several Saw and Grist mills, and manufactories of iron castings, machinery of every description, agricultural implements, sewing machines, musical instruments, glassware, woodenware, woollen and cotton goods, soap and candles, boots and shoes, leather, brooms, brushes, &c. In it are published 2 daily, and 3 weekly newspapers.

Hamilton is the seat of the Great Western Railway Co., chartered in 1834, and of the Wellington, Grey & Bruce Railway Co. The latter connects the City with Lake Huron, and the former with all parts of the Dominion and United States. The head offices of the Hamilton & Lake Erie Railway are also here.

The City was first lighted with gas in January 1851. It possesses superior commercial advantages, being at the head of navigation on the Lake, and in the centre of the most populous and best cultivated region of the Province. Its trade was greatly facilitated by the construction of the Desjardine Canal in 1823-24, but the crowning triumph of its commercial prosperity was the opening of the Great Western Railway.

Hamilton sends 2 members to the House of Commons, and 2 to the Provincial Legislature. It is a port of entry. Total value of imports for 1872, \$5,665,259, exports, \$805,526. Population in 1836 2,846, 1846 6,822, 1850 10,248, 1861 19,096, 1871 26,716.



**DUNDAS COTTONS**  
AND  
**SEAMLESS BAGS**  
RECEIVED THE  
*International Award and Medal,*  
AT THE  
**CENTENNIAL EXHIBITION.**

THIS COMPANY MANUFACTURES

Blue and Brown Denims,  
Tickings,  
Check Shirtings,  
Oxford Stripes,  
Carpet Warps,  
Cotton Yarns.

**THE DUNDAS COTTON MILLS COMPANY,**  
HAMILTON, CANADA.

We  
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THIS IS THE LATEST DESIGN IN SODA FOUNTAINS.

MR. JAMES BROWNE, MAP STAND INVENTOR AND PATENTEE.

We call special attention to illustration on another page of the above gentleman's novel invention for hanging maps, composed entirely of metal. It possesses the following great advantages :

machinery  
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and shoes,  
spawers.  
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THIS IS THE LATEST DESIGN IN SODA FOUNTAINS.

**H. T. SMITH,**  
Manufacturer of all kinds of  
**AERATING APPARATUS,**  
Marble and Metal  
Fountains.  
SODA WATER MACHINES,  
Of English and American  
design, self-acting, hand  
or power  
**Bottling Tables,**  
For corks or Patent  
Stopper Bottles of the lat-  
est improved designs; also  
manufacturer of

**All kinds of Brass Work**  
For Engineers or Plumbers, Gas and  
Steam Fitters, etc.  
**AWARDED SILVER MEDAL,**  
For Superior Exhibit of  
**Soda Water Apparatus**  
AT THE  
CENTENNIAL EXHIBITION,  
PHILADELPHIA.



SHOW-ROOMS AND FACTORY---TORONTO, ONTARIO.

The easy and simple means of raising or lowering the horizontal bar, and by so doing, bringing every portion of a map or illustration within the scope of the observer's eye. Accommodation is provided for maps of all sizes. Maps not in use are kept rolled up and protected from dirt.

By the adjustable brackets and hooks on the horizontal bar, provision is made to receive maps mounted either on the spring rollers or in the ordinary way.

Several maps can be suspended from the horizontal bar together ready for use—each one independently of the other.

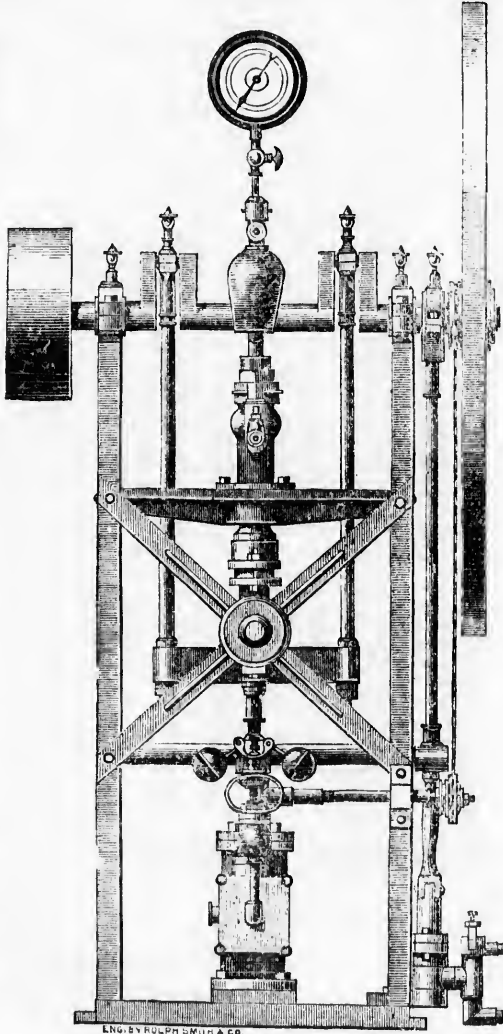
Whilst being used for maps, the Stand can be made to carry a blackboard, and by the simple addition of letter clips to the adjustable hooks, can be used for exhibiting drawings, tracings, photographs and other objects of illustration.

Elegant in appearance, in construction simple and durable, it occupies but little space,

# SMITH'S STEAM SODA WATER PUMP

THE LATEST AND MOST APPROVED STYLE OF

## MANUFACTURING SODA WATER.



ENG. BY ROLPH SMITH & CO.

INVENTED AND MANUFACTURED BY

### H. T. SMITH, Toronto, Ontario, Canada.

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THIS MACHINE IS ON VIEW IN THE

CANADIAN DEPARTMENT OF THE SWANSEY EXHIBITION

and preserves the walls from damage and disfigurement by nails and other unsightly and inefficient arrangements.

The stands are made in three classes :

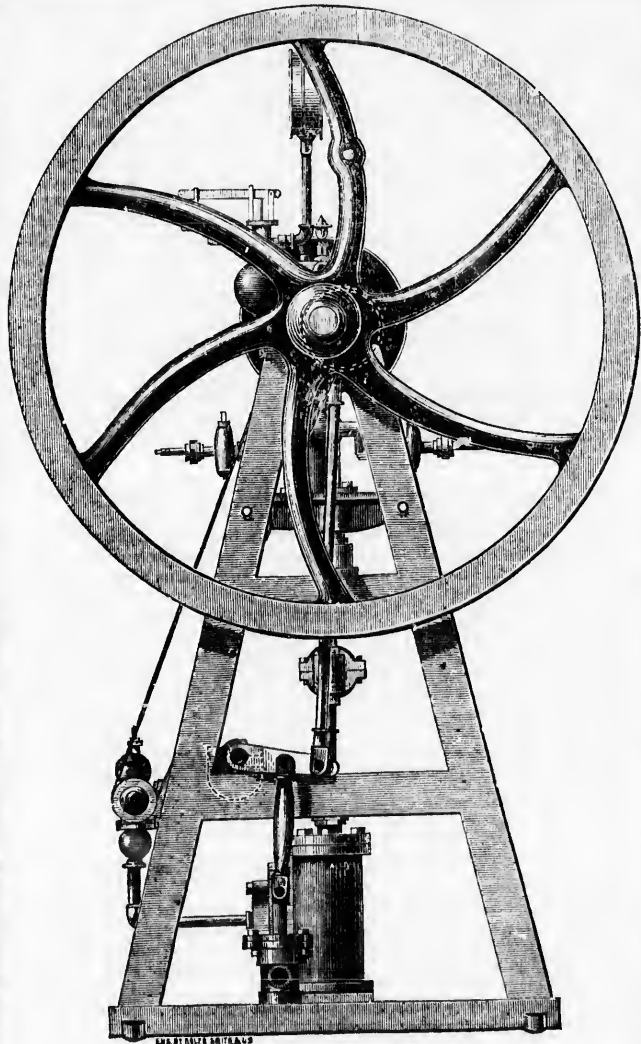
1st class, Nickel-plate, Price .....	\$35.00, Gold
2nd class, Brass " .....	18.00, "
3rd class, Rack of Wood, " .....	15.00, "

This Stand supplies a want, long felt, in the shape of a simple and complete arrangement for carrying maps, combined with a ready means of exhibiting illustrations of all kinds.

This stand was awarded both the International and Canadian medals at the Centennial Exhibition. He has already filled large orders from the Centennial Commissioners, from New South Wales and Japan, from the Chief Signal office in Washington, U. S., and the principal educational institutions of the Dominion.

H. T. SMITH, Toronto, Ontario, Canada.  
 INVENTED AND MANUFACTURED BY

THIS MACHINE IS ON VIEW IN THE  
**CANADIAN DEPARTMENT OF THE SYDNEY EXHIBITION,**



In Full Working Order, with Improved Bottling Machine, and  
 all necessary Apparatus.



## JOAB SCALES &amp; CO., TORONTO.

The senior partner of this firm began business in this country during the epoch of the American war, and after a hard fight with inferior manufacturers, succeeded in building a very extensive trade, in fact to such an extent has he revolutionized the trade in this country that the importation of manufactured tobacco into the Dominion is now the exception and not the rule. Among the various brands produced by this firm the following are specialities: "The old man's favorite," "Southern beauty," "Little Queen," "Tin Tay chewing," and "Perfection," the last named being an original idea in plug tobacco. It is granulated in the leaf, and then pressed into the plug, and covered with tin-foil. A knife is not required to prepare this for the pipe. A piece of suitable size is broken off the plug, and is rubbed into proper shape for filling. Among cigarette smokers, Perfection is in great demand.

The above specialities are all bright stock for smoking, but the firm manufacture the darker grades of chewing tobacco extensively. Old Virginia sun-cured tobacco is exclusively used for the manufacture of chewing, and the care in its manipulation and the judicious selection of the raw material have done much to establish the proud reputation which the goods of Messrs. Scales & Co. so deservedly enjoy.

This manufactory has a capacity of 2,060,000 lbs. yearly, and will employ, constantly, 300 hands. The mechanical portion of the factory is a miracle of engineering skill, prominently in view standing the automatic lump machine, an invention of the senior partner. Previous to the introduction of this improvement every plug or lump of tobacco had to be formed by hand, now manual labor is reduced to almost nothing, the lump being turned out at an astonishing rate of speed, the capacity being about 5,000 lbs. per diem. It reduces the cost of production from one to one and a half cents per pound, and produces a superior quality of work. It has met with deserved recognition from the leading manufactures in the United States, and the inventor, Mr. Joab Scales, was presented with an address and a handsome testimonial by the Tobacco Associations of Richmond, Va., for his invention. The address is signed by Mr. B. C. Gray, the President of the Association, Alex. Cameron & Co., James M. Wise, Thos. J. Neal, Walter K. Martin & Co., and about twenty other firms, the leaders in the tobacco interest in the world. Another practical evidence of Mr. Scales' genius is to be found in a drying machine, his own invention, and which produces the most extraordinary results in a very short time. Already our limits of space are exceeded, and our article must be brought to a conclusion. Taken altogether it is a model firm with an ideal manufactory, and their combined labors have made the name of Joab Scales & Co. one of the most respected among the business men of Canada.

## WILLIAM BARBER &amp; BROS., GEORGETOWN.

The above firm is one of the oldest establishments for paper making in the Dominion, having commenced this branch of business in 1854. The paper mills are situated on the Credit River, on the north east limit of Georgetown, and occupy about two acres of ground, giving employment to about 60 hands, and turning out about two and a half tons of paper a day. There are two mills, both built of stone, one three and the other two stories high, and the motive power is supplied by a fifty horse power steam engine and four water wheels, aggregating a force of one hundred and twenty horse power. The firm have also a wood pulp mill, and a straw pulp mill, and these articles enter largely into their manufacture of the common kinds of paper, such as manillas, tea, &c. The firm supplies almost all the paper used by the Dominion and Ontario Governments for printing, and manufacture every kind of paper except writing paper. They have also a large envelope factory in Georgetown, where all varieties of styles, sizes, and colors are manufactured. They have very extensive warerooms in Toronto under the management of Messrs. Barber & Ellis.

## ROLPH, SMITH &amp; CO., TORONTO.

This is one of the most complete establishments of its kind in Canada, and was established in 1836. They occupy a large brick building, and give employment to between 40 and 50 hands; their arrangements and machinery for carrying on the business are complete in every particular, and their rapidly increasing business is the best criterion of the quality of the work done by them. They do the greater part of the Government work. They have electrotypes of the United States and Canadian Centennial medals on hand, and we understand it is their intention to produce the same of the Australian Exhibition medals as soon as they are issued.

### THE BRAMPTON AGRICULTURAL WORKS

Was established in 1849, by Mr. John Haggert, the present senior proprietor, under the name of Haggert Brothers, and to-day they occupy the very front rank amongst Agricultural Implement manufacturers of the Dominion, in proof of which they point to the fact of having taken prizes at every Provincial and County Fair for the last 15 years. Their factory is situated on Main Street, Brampton, the County Town of Peel, Province of Ontario, and covers nearly 2 acres of ground, the buildings occupying nearly 4 sides of the square, leaving commodious yard room in the centre. The front or main building, for architectural beauty and convenience, is unsurpassed in its class by any in the Dominion. It is 4 stories high, built of brick, with cut stone facings, and white brick arches over the windows. Nearly all their workshops are brick, and their machinery of the latest and most approved pattern, many of those we saw at work costing, we understand, over one thousand dollars each. Their lumber yard, covering about 5 acres, is stocked with over one million feet of different kinds of lumber used in their business. They employ, at present, 140 men. The bulk of their manufactures being Thrashing Machines, both for horse and steam power, and Reaping and Mowing Machines, of these they expect to manufacture this year about 150 Thrashing Machines, and upwards of 1,400 Reaping and Mowing Machines. These goods are sent all over the Dominion, from Quebec to Manitoba. Indeed, they claim to have sent, in 1871, the first Thrashing Machine the latter Province ever received, costing over \$350 for carriage alone, since which time they have done a large trade with that distant Province. They, last year, exhibited at the Centennial Exhibition, Philadelphia, one of the most beautifully finished Thrashing Machines that was to be seen at that Great Exhibition, and for which they received the *Highest Award* from the International Jury, as well as the Canadian Government Medal. This machine was considered of such merit that it was selected by the Canadian Commissioners for exhibition at Sydney, and we recommend all our Australian friends to see it.

The Australian agents of Messrs. Haggert Brothers are the Hon. JOHN YOUNG, Canadian Commissioner, Exhibition Buildings, Sydney, N. S. W. ; R. TOWNS & Co., Sydney, N. S. W. ; F. LASSITER & Co., Sydney, N. S. W.

## Thos. Scott Elliott's Washing Machines



**A**WARDED MEDAL at Centennial Exhibition, Philadelphia, 1876, also awarded First Prize at Canadian Exhibition. Does any kind of washing quickly without injury to the finest goods. Easily managed; any one can work it.

On exhibition in Sydney (N. S. W.) during April and May, afterwards in Melbourne.

### THOS. SCOTT ELLIOTT,

PATENTEE AND MANUFACTURER,

### GUELPH, ONTARIO, CANADA.

R. M. WANZER & CO., SEWING MACHINE MANUFACTURERS, HAMILTON,  
ONTARIO.

The machine trade of Canada has developed into extraordinary dimensions within the past fifteen years. Now the manufacture of Sewing Machines has become one of the most important in the Dominion, giving employment to several thousand men, and profitable investment for some millions of dollars. One of the largest of these is that of R. M. Wanzer & Co., which received the following unprecedented distinction at the Vienna Exhibition in 1873, two medals of merit, a distinction not obtained by any other Sewing Machines at the Exhibition, one grand silver medal for the best family and manufacturing Sewing Machine. His Majesty, the Emperor of Austria, also conferred upon Mr. R. M. Wanzer the Iron Cross, and Knighted him with the order of Francis Joseph, which were the highest honors conferred at the Exhibition. Mr. Wanzer is the only Sewing Machine manufacturer in Great Britain and its colonies that received these honors. The factory of R. M. Wanzer & Co. is situated on the corner of King and Catharine Streets, Hamilton, Ontario, and was established in the year 1860. This is one of the largest sewing machine factories in Canada, and the third largest on the Continent of America, giving employment to over four hundred hands, and has a capacity for turning out 1,500 machines a week. Their buildings are four stories in height, built of brick, at a total cost of about one hundred thousand dollars. They have been awarded medals, diplomas, honors, and prizes at all European Exhibitions; at Vienna, Austria, royal diploma in 1864; at the National Exhibition of the British Isles, held in Dublin, first prize medal in 1866; at the British Exhibition held at Dudley and York two first prize medals in 1867; in the same year at the Great World's Exhibition held in Paris, France, they were awarded the first and highest prize medal for family sewing machines among eighty seven competitors; at Manchester and Cheltenham, England, two first prize medals in 1868; Sydney, Australia, gold medal, 1871; Lima, Peru, gold medal in 1872; Moscow, Russia, gold medal in 1872; Vienna three medals; at the Santiago (Chili) World's Fair, first medal in 1876; and they also received the *only* gold medal at the Centennial Exhibition in Philadelphia. Their agents in Sydney are Gibbs, Shellard & Co.

## ROYCE REAPER!

If you Want a Reaper, Try our Royce!

It is the Machine that all Farmers acknowledge to be superior as to DRAUGHT, quality of work, adaptability of all conditions of grain and ground, and durability.

Don't take our say for it, but go and witness its work in the field and you will say that the EXPECTED REAPER has arrived.

One horse will do with the ROYCE REAPER as much as two with the large heavy Machines, besides it is only half as heavy as ordinary Reapers.

## GREEN BROS. & CO.,

WATERFORD, ONTARIO, CANADA.

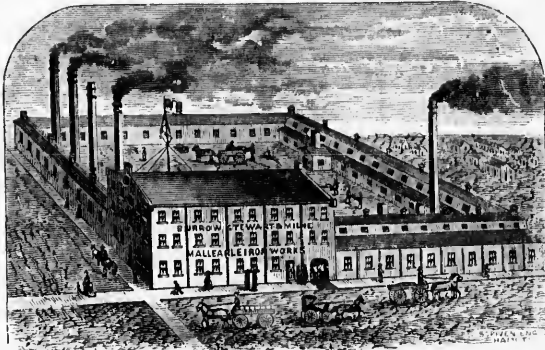
WATERFORD FOUNDRY, }  
Established 1844. }

## WATERFORD AGRICULTURAL IMPLEMENT WORKS.

These works were established in 1844, by Jas. L. Green. As is customary with foundries and machine shops in new countries, it embraced in its manufactures a large variety of goods, ploughs, harrows, rollers, cutting boxes, &c., as well as engines, shingle machines, and drag saws. But of late years the Waterford shops have been gradually decreasing the variety of its manufactures until, at the present time, it is making a speciality of the "Royce Reaper," although orders for other kinds of its manufactures are received and refused. The present proprietors, Messrs. Green Bro. & Co., introduced the Royce Reaper into Canada, making some 25 Reapers for the first year, 1875, and 300 for the season of 1876. At present the capacity of the Waterford shops is from 1,500 to 2,000 Reapers and Mowers, which can easily be increased to two or three times this capacity.

## BURROW, STEWART &amp; MILNE, Hamilton, Canada.

A. FAIR  
REPRESENTATION  
OF THE



HAMILTON  
Malleable and Grey Iron  
WORKS.

(Whose Establishment is represented in the above Cut.)

ARE the largest manufacturers of Malleable and Grey Iron Castings in Canada, and the only Manufacturers of Full Lines of

## Carriage and Saddlery Hardware.

Our facilities for turning out any description of work in our various lines are unsurpassed by any similar establishment on the Continent. And any orders with which we may be favored by our brethren in the Antipodes, shall have our very best and most careful and prompt attention.

Our Manufactures embrace, among other things, the following Goods, viz. :

Malleable Iron Castings of all descriptions for Carriages, &c.  
 Patent Adjustable Whip Sockets.  
 Patent Skeleton do. do.  
 Patent Sprung Whiffletree Hooks.  
 Patent Wagon Arms or Skeins.  
 Japanned and Tinned Wedge Trace Buckles.  
 Do. do. Terrets.  
 Do. do. Swivels.  
 Do. do. Breast Strap Slides.  
 Do. do. Bits.  
 Japanned, Tin, and Brass Curry Combs.  
 Fine Tinned Patent Lock Snaps, &c., &c.

Besides a general assortment of Malleable, Cast and Wrought Iron Goods always on hand and made to order.

N.B.—We also have a few patterns of very choice STOVES, including "The Victory" Base Burner, the best made, the "Advance" and "Defiance," Coal, Cook, and Parlor and Cook Stoves for wood, etc. All inquiries shall have immediate attention.

GIVE US A TRIAL.

## CANADA SEWING MACHINE COMPANY, HAMILTON.

Among the leading manufacturing establishments of Canada, the Canada Sewing Machine Company, (limited), of Hamilton, Ontario, manufacturers of the celebrated "Webster" and "Empress of India" Sewing Machines, stands out pre-eminently as an enterprising Company. For a long while they have been running their extensive works to their full capacity, full handed, to supply their rapidly increasing Foreign demand, and, owing to this, they were unable to give the time necessary to the preparation and exhibition of their machines at the Centennial Exposition at Philadelphia. Of course in Canada the name of the Webster has become an household word, because that machine is the household companion, almost universal, and their increasing sales in England, Germany, Belgium, and Spain bid fair to make it become equally as popular in Europe as it is in America to-day. Much satisfaction is felt in the Dominion that this enterprising Company is about to introduce their machines in Australia, and have sent out representative samples of their work to the Exhibition in Sydney, and amongst other machines they have shipped there, they have included the new hand machine the "Empress of India," which has received such high praise in Europe, and for which this Company are at the present time filling extensive orders.

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## THE CANADIAN BANK OF COMMERCE.

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### HEAD OFFICE, TORONTO.

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Capital paid up, \$6,000,000. Rest, \$1,900,000.

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#### DIRECTORS.

HON. WILLIAM McMASTER, PRESIDENT. HON. ADAM HOPE, VICE-PRESIDENT.  
 NOAH BARNHART, ESQ. F. W. CUMBERLAND, ESQ. WILLIAM ELLIOT, ESQ.  
 JAMES MICHIE, ESQ. T. SUTHERLAND STAYNER, ESQ. GEORGE TAYLOR, ESQ.  
 JOHN J. ARNTON, ESQ.

W. N. ANDERSON, GENERAL MANAGER. J. H. PLUMMER, INSPECTOR.

*New York*—J. H. Harper and J. H. Goadby, Agents. *Chicago*—J. G. Orchard, Agent.

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#### BRANCHES.

BARRIE,	DUNDAS,	LONDON,	PAISLEY,	STRATFORD,
BRANTFORD,	GALT,	LUCAN,	PETERBORO',	STRATHROY,
CAYUGA,	GODERICH,	MONTREAL,	ST. CATHARINES,	THOROLD,
CHATHAM,	GUELPH,	ORANGEVILLE,	SARNIA,	TORONTO,
COLLINGWOOD,	HAMILTON,	OTTAWA,	SIMCOE,	TRENTON,
	WALKERTON,	WINDSOR,	WOODSTOCK,	

Commercial credits issued for use in Europe, the East and West Indies, China, Japan, and South America. Sterling and American Exchange bought and sold. Collections made on the most favorable terms. Interest allowed on deposits.

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#### BANKERS.

*New York*—The American Exchange National Bank.

*London, England*—The Bank of Scotland.

THE WENTWORTH ENGINE & IMPLEMENT COMPANY, HAMILTON, CAN.,  
 Is one of the most extensive manufacturing establishments in Canada, and is fitted with the newest and most complete machinery and tools anywhere in the Dominion. The Company is therefore enabled to undertake and turn out work of a very superior quality, at rates below that usually charged by similar factories. The firm was originally founded by Mr. F. G. Beckett, about twenty years ago, who introduced the most improved latest English inventions, ever since which time it has increased in popularity, and stands now without a rival in the manufacture of Steam Engines and Boilers, the Beckett Engine having in every instance stood the test of twenty years hard wear and tear, and there are now several thousands of them at work all over the country. Some time since the manufacture of Agricultural Implements was added to the business by combining with a well-known established firm, and the style or name was then changed, as above, to the "Wentworth Engine and Implement Company." It is unnecessary, perhaps, to add that all orders intrusted to this Company will be carefully and faithfully carried out, the officers being men of high standing and known ability, and it is hoped that they may do a large trade with the Australian public.

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RESIDENT.

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UPPER

CANADA

FURNITURE

COMPANY



Bowmanville,

Ont., Canada.

WHOLESALE MANUFACTURERS AND EXPORTERS OF

Wood and Cane Seat Chairs,

Drawing Room, Dining Room, Bed Room and Library

CABINET AND UPHOLSTERED FURNITURE.

This Factory was Established in 1862, and from the favorable situation for procuring material, can produce many articles in Furniture Cheaper than any Factory in America.

THE UPPER CANADA FURNITURE COMPANY is celebrated throughout the Dominion for originality of Design and Excellence of Manufacture.

F. F. McARTHUR, Manager.

**JAMES REID, FURNITURE MANUFACTURER, HAMILTON.**

This is one of the oldest business houses in the city, having been established in 1839, since which time he has watched the rise and fall of many similar firms. The ware-rooms consist of a handsome brick building with carved stone front, over 100 feet long and 3 storeys high, and a mansard roof. The first flat is entirely devoted to the display of carpets and oil cloths, and the second one is filled from floor to ceiling with handsome suites of furniture of the latest designs, while the third is devoted entirely to the use of carpet sewers and upholsterers. This establishment gives constant employment to between 30 and 40 hands. His exhibit of a handsome bedroom suite is new on view in the Canadian department.

**J. H. STONE & CO., HAMILTON,**

Manufacturers of Tubular Lanterns and quick signal Railroad Lanterns, are in a position to turn out from ten to fifteen thousand Tubular Lanterns per year, or more if required, and the same amount of Railroad Lanterns, in connection with their other business. All work is guaranteed when it leaves the factory, and particular care is taken to test our lanterns to see if there are any leaks, they are tested with air and water, and by this means the least defect is discovered that would not appear to the eye on a close examination. A large stock is always kept on hand to supply the trade at the shortest notice.

# **JOHN RITCHIE & SON,**

## *Brass Founders & Finishers,*

Manufacturers of Water, Steam, and Gas Fixtures, Globe Valves, Gauge Cocks, Oil Cups, Steam Whistles and Exhaust Steam Condensing Heaters, Baths, Water Closets, Wash Basins and Pumps. All kinds of Brass Castings made to order. Sheet Lead and Lead Pipes: also, Iron Pipes and Fittings of all sizes.

192 KING STREET EAST

TORONTO, ONTARIO.

ALL WORK WARRANTED.

*Awarded the International Medal!*

At the Centennial Exhibition, Philadelphia, and

**THE CANADIAN MEDAL!**

FOR BRASS WORK.

**HEINTZMAN & CO., PIANO MANUFACTURERS, KING STREET, TORONTO.**

This is the largest and only first-class piano factory in the Dominion, was established in 1866. The factory and office are situated at Nos. 115 and 117 King St. West, Toronto, Ontario, the buildings are of brick, four stories in height, 52 feet front by 60 feet deep. The first floor is used as offices, show room, and packing department: the second floor is used as regulating room, there is a large room used on this floor as a ware room; on the third floor the keys and sounding boards are made, the case room is also on this floor; the fourth floor is used as finishing, and fly finishing, and other departments, such as varnishing and polishing rooms, There is a dry house in connection with the factory built of brick, lumber yard, &c. This Company only use first-class material, and are now turning out six to eight pianos a week, which are shipped to all points of the Dominion. Employing from forty to fifty hands. These pianos have received a large number of diplomas and medals at different exhibitions in Canada and at the Centennial Exhibition, Philadelphia.

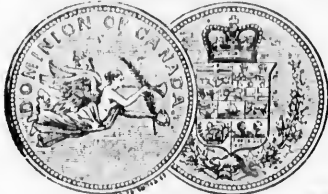
**IMPROVED**

**Map Stand and Illustrating Apparatus,**

*For the use of Lecture Rooms, Offices, Libraries, Schools, &c.*

**Dominion of Canada.**

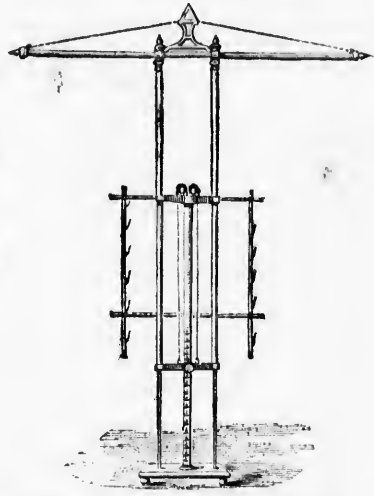
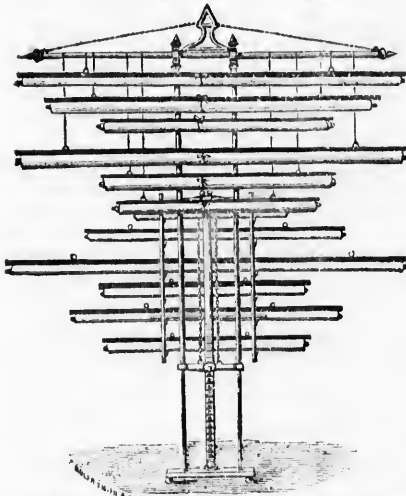
**United States.**



Philadelphia, 1876.



Philadelphia, 1876.



Patented in Great Britain, the United States and Canada.

**JAMES BROWNE, Patentee, 64 Yonge Street, TORONTO.**



OF THE GARDNER SEWING MACHINE COMPANY, HAMILTON, N. Y.

Brominent amongst the Sewing Machine manufacturers of Canada stands the Gardner Sewing Machine Company, of Hamilton, Ontario, manufacturers of the Light Running Royal Treadle and Hand Machines. This Company commenced operations in 1870 on a small scale, but the demand for their machines has so increased that they now have capacity for turning out 1,500 machines weekly. The Royal Treadle and Hand Machines are exported in large quantities to Great Britain, France, Germany, Italy, Spain, South America, West Indies, Australia, and many other countries. In order to facilitate their British and Foreign business, the Company have opened a branch wholesale depot at Liverpool, England. The Royal machines are noted for their simplicity of construction and the great variety of work they perform. The Company employ 400 hands, have a large paid up capital stock, and own their extensive premises. It is to be regretted that this Company did not exhibit at the Centennial; had they done so there would have been no fear of their coming out second best.

# BANK OF MONTREAL.

ESTABLISHED 1818.

CAPITAL SUBSCRIBED.....\$12,000,000  
 CAPITAL PAID-UP.....11,979,600  
 RESERVE FUND.....5,500,000

HEAD OFFICE - - - - MONTREAL.

### BOARD OF DIRECTORS :

GEO. STEPHEN, Esq., *President* | G. W. CAMPBELL, Esq., M.D., *Vice President*  
 Hon. Thos. Ryan, | T. W. Ritchie, Esq., Q. C. | Sir A. T. Galt, K. C. M. G.  
 Peter Redpath, Esq., | Hon. Donald A. Smith. | Edward Mackay, Esq.  
 Gilbert Scott, Esq.

R. B. ANGUS, *Gen. Man.* | W. J. BUCHANAN, *Man.* | A. MACNIDER, *Inspector.*

### BRANCHES AND AGENCIES IN CANADA :

MONTREAL, QUEBEC, TORONTO, HAMILTON, ST. JOHN, N. B., OTTAWA, LONDON,	KINGSTON, BRANTFORD, MONCTON, N.B., BROCKVILLE, BELLEVILLE, COBURG, GUELPH,	HALIFAX, N. S., ST. MARYS, PORT HOPE, PETERBORO', GOBERICH, CHATAM, N. B., STRATFORD, SARNIA,	NEWCASTLE, N.B., PICTON, BATH, SIMCOE, CORNWALL, LINDSAY, FERGUS.
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*Agents in Great Britain.*—London, Bank of Montreal, 9 Birchin Lane, Lombard Street. London Committee—Robert Gillespie, Esq., Sir John Lubbock, Bart., M.P., Sir John Rose, Bart., K.C.M.G.

*Bankers in Great Britain.*—London, the Bank of England; The London & Westminster Bank; The Union Bank of London, Liverpool, The Bank of Liverpool. Scotland, The British Linen Company and Branches.

*Agents in the United States.*—New York, C. F. Smithers and W. Watson, 59 Wall Street; Chicago, Bank of Montreal, 154 Madison Street.

*Bankers in the United States.*—New York, The Bank of New York, N.B.A.; the Merchants' National Bank, Boston, the Merchants' National Bank; Buffalo, the Farmers' and Mechanics' National Bank; San Francisco, the Bank of British Columbia.

*Colonial and Foreign Correspondents.*—St. John's, Nfld., the Union Bank of Newfoundland; British Columbia, the Bank of British Columbia; New Zealand, the Bank of New Zealand; India, China, Japan, Australia—Oriental Bank Corporation.

The Bank issues Letters of Credit, and Circular Notes available in all parts of the world.

**RILEY & MAY'S FACTORY, TORONTO.**

In October last Messrs. Riley & May occupied their new building, No. 81 Adelaide Street West, a brief description of which, and the various operations to be carried on therein, will doubtless be of interest. The factory is a new brick building, three stories in height, with a frontage of 25 feet and a depth of 70. There is also a wing, partly in the rear and partly to the west two stories in height, and measuring 66 x 25. The first floor of the main building is devoted to the woodwork of the tables and cues. The slate used comes from Vermont. At one time it was imported from Wales, and there is reason to believe there is ample supply in Canada if the quarries were worked. In one end of the building is the engine, which is of 20-horse power, fitted up in the very best manner, and furnished with one of Hodgins' condensing heaters. The second flat of the building is devoted to woodwork and used for drying purposes. All the tables are hard-polished, receiving what is known as the piano finish. The time required for the completion of a table averages from five to six months, by far the greater portion of which is consumed in giving the proper finish. The woods chiefly used are rosewood, satin wood, and Hungarian ash. A large stock of all billiard goods is always kept on hand. Messrs. Riley & May employ about twenty hands, and have now the capacity for turning out about 200 tables per annum. They have lately commenced the manufacture of bevelled tables, which are a great improvement in convenience as well as appearance on the old box-shaped style. The firm have been engaged in the business since 1865, and the continually increasing demands upon them necessitated the erection of their present well-arranged and commodious factory.

**GUELPH SEWING MACHINE CO.**

This Company commenced operations about eight years ago, and very soon established a reputation for first class work, and by the introduction of several valuable inventions which Mr. Osborn has obtained patents for, they command a very enviable position in the Sewing Machine business. The simplicity of their machines is astonishing, while the beauty of their work is something wonderful. They usually employ about one hundred and fifty hands capable of turning out about two hundred machines weekly, and as a sure indication of their success, have been enabled to keep their manufactory running steadily through the dull times of the past two years. We were glad to learn that their success at the Centennial Exhibition in both International and Canadian awards sustains their previous reputation, and will assist in bringing into more general notice this prosperous and beneficial industry.

**ROLPH, SMITH & CO.,**



**36 Wellington Street East, Toronto,**  
Engravers, Die Sinkers, and Lithographic Printers, by steam power.  
Special attention given to

**WOOD ENGRAVING.**

Electrotypes on hand of United States and Canadian Centennial Medals. Designs furnished and prices sent on application.  
Electrotypes of the Australian Exhibition Medals will be struck as soon as issued.

R. MALCOM, SADDLER, &c., TORONTO.

One of the most successful exhibits at the Centennial were the harness and mail bags shown by the above named gentleman. The Scotch Canadian drag harness was pronounced by the English Judges to be superior to any thing of the kind ever seen in the old country. The ten saddles were reported as unexcelled by anything on exhibition. But special reference was made to the mail bags shown there, the peculiarity of which was a patent fastening which entirely dispenses with padlocks, twine, and sealing wax, and furnishes a certain means of detecting dishonest clerks or carriers who make a practice of tampering with the ordinary locks. Over six thousand of these bags are in daily use in the Dominion of Canada P. O. Department, and found reliable, since 1869. These bags have been in use in New York City between the General Office and the 8 stations for all registered matter ever since August 1870, and the Superintendent, Chas. Forrester, jr., informs us that he has yet to record the first registered letter lost from them. They are much cheaper and more durable than when fastened with twine and wax; in the former case a set of bags were used up in five months, while the seal lock bags are still good after a constant use of over six years. They are also in use in Chicago between the General P. O. and the 6 stations; and on the Michigan Central R. R. between Detroit and Chicago. Wells, Fargo & Co., Express Agents, have had one hundred of them in use between New York and San Francisco for over six years, to their entire satisfaction. Samples of these patent seal lock bags are now on exhibition at the New South Wales Australian Exhibition. Samples and prices free on application.

## E. & C. GURNEY,

Hamilton and Toronto,

ONTARIO, DOMINION OF CANADA,

Manufacturers of Hall, Parlor, Box, and Cooking Stoves,

Of every description for Wood or Coal, and

### HOLLOW WARE.

We are the leading manufacturers in the Dominion of Canada of Cooking and Heating Apparatus, and our large assortment of patterns and unlimited facilities enable us to offer extra inducements to the trade of Australasia.

Catalogues and price lists and full information may be obtained from Mr. THOMAS OLIVER, our representative in Australasia, who during the exhibition at Sydney. N. S. W., may be seen at Royal Sewing Machine Stand, Exhibition Building. Or address,

## E. & C. GURNEY,

Hamilton, Ontario, Dominion of Canada.

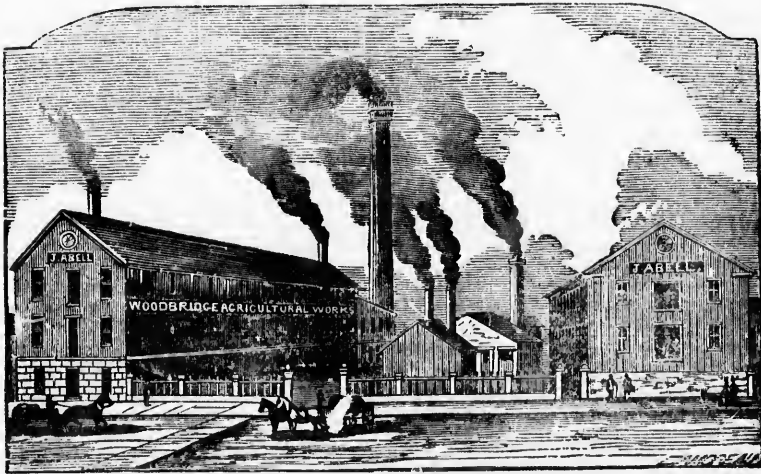
## DUNDAS COTTON MILLS CO., HAMILTON.

The Dundas Cotton Mills began in 1859, being the first Cotton Mills started in Canada, and have been gradually increased in extent and capacity until they now amount to 15,000 spindles, with 308 looms, and employ over 300 operatives. The production amounts to about 2,000,000 yards of cloth, annually, and the total weight turned out during the same time is about 1,000,000 lbs. The Mills are advantageously situated in the Town of Dundas, on the main line of the Great Western Railway, four miles from the City of Hamilton, thus affording good facilities for obtaining all the necessary supplies, and distributing the goods produced. The goods are favorably known all over Canada, and have entirely taken the place of English cottons, which are not now imported into the country, except in very small quantities. This is the only Canadian Cotton Mill which received an International medal and award at the Centennial Exhibition in Philadelphia, U. S.

# WOODBIDGE MACHINE WORKS,

ONTARIO, CANADA.

ESTABLISHED 1849.



## JOHN ABELL,

PATENTEE AND MANUFACTURER OF

Portable Engines,	Mowers and Reapers,	Ploughs, Harrows, and all
Threshing Machines,	Seed Drills,	Agricultural Implements.
Horse Powers,	Grain Crushers,	

Also, Saw Mill Machinery of every description. See exhibit Sydney Exhibition, and for further information, apply to

R. TOWNS & CO., SYDNEY.

## WHOLESALE CLOTHING TRADE OF MESSRS. SANFORD, VAIL & BICKLEY, HAMILTON.

There are perhaps few branches of trade that have undergone a more complete revolution within the past few years than that of the ready-made clothing, and no firm in the Dominion has been more intimately connected with this revolution than that of Sanford, Vail & Bickley. Some fourteen years since this firm (then known as Sanford & Molnes) commenced the manufacture of ready-made clothing in Hamilton. At that time they employed three cutters and a sufficient number of other employees to keep them busy. The idea with which the firm commenced business was that of raising the standard of ready-made clothing, so as to make it nearly or quite equal to custom-work, and in this they have been decidedly successful, as a glance at their stock will convince the most casual observer. Fifteen years ago ready-made overcoats were wholesale at from \$2.50 to \$6; now few overcoats are manufactured for less than \$5, and many bring as much as \$15 wholesale. Undercoats then ranged from \$2 to \$5; now they bring from \$4 to \$12. Tweed pants at that time brought from \$1.50 to \$2.50; now the prices range from \$1.75 to \$7. This difference, it must be remembered, is not owing to any fluctuation in the values of material or labor, but almost entirely to improvement in the quality of the articles mentioned. Ready-made clothing can now be purchased that in cut, finish, or quality of fabric, is in no way inferior to ordered work. In his efforts to bring about this revolution in the trade, Mr. Sanford found it necessary to employ first class workmen in almost every department, and to use the best materials in the market. A foreman from New York was engaged at a salary of \$4,000 per annum, and other important positions in the establishment were entrusted only to experienced first-class workmen.

### HOW THE GOODS ARE MADE UP.

A foreman in the cloth and trimmings room on the ground floor selects a certain piece of cloth to be manufactured into coats, for instance. He then selects the trimmings that he considers most suitable, laying aside the necessary quantities, canvas, body lining, sleeve lining, buttons, thread, binding, velvet for collars if required, material for pockets, wadding, interlining, and everything in the shape of material that may be necessary, and putting the lot on the "hoist," despatches them to the foreman of the cutters' room in the top storey. Here the work is cut out to suit different sizes, in the latest styles; and as each coat is cut and the necessary trimmings apporioned to it, it is wrapped up in a parcel and given out at the counter to be finished. Some idea of

### THE EXTENT OF THE BUSINESS DONE

here may be obtained from the fact that the firm gives employment to over 1,000 people, and employs a cash capital in the business of over \$500,000. Every town and village of any importance in the Dominion, from British Columbia to Prince Edward Island, is visited at least twice a year by a traveller from this firm. The establishment gives employment to no less than sixteen commercial travellers, and the cost of their service last year was no less than \$34,000. The stock now in store—although this is the intermediate season—amounts to over \$350,000. Of the fabrics manufactured about forty per cent. are Canadian and the rest English.

### THE TORONTO BRANCH.

which has been recently established on Calborne street, at the head of Scott street, is already doing a prosperous business. The premises, which were lately occupied by Tuttle, Date & Rodden, are very pleasantly situated, roomy and commodious. The stock, though of course not as heavy as that in the Hamilton house, is large, and comprises more or less of every line to be found there. The Toronto business has made an excellent beginning, and promises extremely well.

# SANFORD, VAIL & BICKLEY,

Clothing Manufacturers,

HAMILTON, ONTARIO.

THOS. OLIVER, Agent for Australia.

THE MOOREHEAD MANUFACTURING CO.

London, the Forest City, boasts many fine buildings and prominent industries, but she has no place of which she ought to feel more justly proud than the Moorehead manufacturing Company, a large four storey brick building, two hundred feet long, extending from 184 to 198 King street, it is a credit to the proprietors, and an ornament to the City. The factory was established in 1855, and now gives constant employment to over two hundred men; and being so thoroughly furnished with all necessary machinery, it justly ranks amongst the most complete furniture factories in the west; and their goods are widely spread over the whole Dominion. The ware room on King street has a frontage of seventy-five feet by a depth of fifty, the finishing room is sixty feet by seventy, all these buildings are four stories high. The upholstering room is two stories high, built of brick, one hundred and fifty long by thirty wide; the engine room and planing mill is of the same height, built of brick, and fifty five feet by forty, and the drying kiln, also built of brick, and two stories high, is forty feet by fifty. Mr. George Moorehead, President of the Company, has literally grown up in the business, entering it as a boy, and by pains and industry working the Company up to its present position. The Company also keep a very large stock of carpets, curtains, cornices, &c., so that they can take an empty house and furnish it complete in a manner that few manufacturers in America can equal and none excel. Their exhibit at the Sydney Exhibition can be seen in the Canadian Department and is well worth inspection.

WM. BARBER & BROS.,

Paper Makers,

GEORGETOWN, ONTARIO,

Manufacturers of BOOK, NEWS, and COLORED PRINTING PAPERS; special size made on short notice.

ENVELOPE AND FINE PAPER,

TEA PAPERS,

Manilla and Grey Wrappings,

Made to order in quantity.

JAMES BARBER, SENR,

Proprietor,

TORONTO AGENCY :

No. 53 YONGE STREET, TORONTO.

## AYR AGRICULTURAL WORKS, AYR.

These works were established in 1847, by Mr. John Watson, its present enterprising proprietor. The reputation that the works now enjoy is world wide, and the name of Watson is well-known throughout Canada, and its manufactures are to be found in every quarter of the civilized globe. At the late Centennial Exhibition these works carried off the highest award for agricultural machinery, viz. : The only gold medal offered, and a bronze medal, together with a special report of the chief merits of the exhibit. The buildings are of stone and wood, fully equipped with all necessary machinery driven by turbine wheels. Ayr is a station on the Credit Valley Railway.

# HAMILTON AGRICULTURAL WORKS,

ESTABLISHED 1836.

THE ONLY PRIZE

FOR REAPERS



GIVEN TO CANADA

AND MOWERS.

## L. D. SAWYER & CO.,

MANUFACTURERS OF

**Mowers and Reapers, Grain Sowers, Threshing Machines,  
Grain Drills and Clover Mills.**

Particular attention is called to the "IRON CLAD," MOWER now at the Sydney Exhibition. It obtained the only Prize Medal at the Great United States Centennial, at Philadelphia, in 1876; The only International Prize Medal and the only Silver Medal given to Mowers and Reapers manufactured out of the United States.

The "IRON CLAD" can be used as a combined Machine, for both mowing and reaping. It has no equal in all the points that go to make up a superior light and easy draught machine.

Notice the covered gearing and Steel Shafting. There are no boxes to look after, no clutches, springs or parts, and but *two bolts only*, in the working parts of the machine. The finger bar is always in line.

Nothing approaching it has ever been seen in Australia. It is secured by letters patent, and can be obtained only of the manufacturers or their agents.

Here also may be seen Sawyer's Canadian Harvester, which has no superior in the world for all kinds of reaping. It is peculiarly adapted for all kinds and conditions of grain, and is of very light draught.

It has the best Tilting Platform and Adjustable Track ever invented. It has been in constant use for four years in Canada, the United States and Europe, and is universally conceded to be the most successful Reaper in the world.

Messrs. HENRY P. WELCH & CO., 172 Queen Street, Melbourne, and at Sydney 43 Pitt Street, are the Manufacturers' Agents for Australia.

OFFICE AND WORKS :

**Foot of Wellington Street, Hamilton, Ontario.**

## ABELL'S WOODBRIGE AGRICULTURAL WORKS.

These works are amongst the largest of the kind in the Dominion. They cover an area of 2½ acres. There are two ranges of buildings, the main building being 200 feet long and three stories high, containing the offices, machine shop, wood work shop and pattern room. The other range of building contains the foundry, 65 x 36 feet, and the paint shop on a second flat. Between three and four hundred tons of pig iron are used annually in the works, besides 125 tons of wrought iron, and a large quantity of scrap iron; 225 tons of coal are also yearly consumed. In the wood work 100,000 feet of lumber are annually made use of, and there is constantly kept on hand a three years supply of lumber, or 300,000 feet to insure it being well seasoned and dry before using. From 120 to 150 men are constantly employed. All kinds of agricultural implements are manufactured, and also mill machinery of every description, besides engines, boilers, &c. Complete saw mills are made up and all requisites provided, including frame of building, sawing machines, engines, boilers, and gearing of every kind. Goods are sent from this establishment to all parts of the Dominion. Mowing and sawing machines have also been sent from here to England. His shipment to the Sydney Exhibition is one of the largest, and his turbine water wheel deserves special attention.

THE

# George Moorhead Manufacturing Company,

LONDON, ONTARIO,

## Furniture Manufacturers.

Parlor and Drawing Room Suites, Bed Room  
Suites, Dining Room Furniture, &c., &c.,  
in great variety.

## House Furnishings,

INCLUDING CARPETS, CURTAINS, CORNICES, &amp;C.

### The GEORGE MOORHEAD Manufacturing Co'y,

No. 184 TO 198 KING STREET,

LONDON, - - ONTARIO.



H. A. NELSON & SON, MONTREAL AND TORONTO.

This is one of the largest and most enterprising houses in their line in Canada. The business was founded by Mr. H. A. Nelson in Montreal in 1840, where they occupy a handsome structure 120 feet deep by 66 feet wide, 5 stories high, besides a basement, containing all the newest and most approved machinery, and employing at present 50 hands. Their business grew so large that in 1868 they opened a branch establishment in Toronto which is a handsome white brick building containing 4 stories and a basement, it is 150 feet deep by 33 feet wide, and to it is added a wing 50 x 30 feet. They employ in Toronto between 40 and 50 hands, and do a very extensive trade. The writer, when going through the buildings, was surprised and very much edified by the extent and variety of their very large stock, and the completeness of arrangements both in the factory and warehouse. An exhibit of some of their goods can be seen at the Canadian Department of the Sydney exhibition which we feel sure will well reward an inspector, and we feel confident that any business transactions with this firm will receive careful attention and be satisfactory.

WALLACETOWN

WAGGON AND CARRIAGE Manufacturing Company.

INCORPORATED, - - - A.D. 1874.

Manufacture Buggies and Carriages (Open and Covered); Express, Democrat, Dray and Lumber Waggon; a large quantity of which are constantly on hand, and will be disposed of either by Wholesale or Retail.

The above vehicles are manufactured out of the best seasoned material and by first class workmen.

As evidence of the superior quality of the vehicles we manufacture, we are doing as large, if not the largest, business in Western Ontario, although not quite three years in operation.

Orders promptly attended to, and Goods shipped on shortest notice.

Further information can be obtained of JAMES BROWN, Esq., Canadian Government Agent to the Sydney Exhibition, who is the authorized Agent of this Company.

- GEO. E. CASEY, Esq., M. P., President.
ROBT. JORDAN, Esq., Vice-President.
DAVID McLAWS, Esq., Manager & Treasurer.
A. G. S. K. BARCLAY, Esq., Secretary.

**JOHN BEARD'S FACTORY**  
 For manufacture of flour barrel headings, cheese box hoops, wooden bowls, &c. is situated at Eastwood, a station on Great Western Railway, about 4 miles east of Woodstock. Capacity is about 250,000 set flour barrel headings, 450,000 set cheese box hoops, 60,000 cheese boxes, 100,000 flour barrels, besides wooden bowls, staves, and shingles.

**McMURRAY & FULLER, MANUFACTURERS OF WOODEN WARE, &c., TORONTO.**

These large works are situated at the Central Prison in Toronto, Ontario, Canada, and were built by the Ontario Government at an expense of over \$400,000. The shops are most complete in every respect, are heated by steam, and have in use the newest and most approved labor saving machinery selected from various manufactories. The prison labor is leased by the Government to the O. C. and Mfg. Co., and when the works are completed they will employ about 250 men. We can safely recommend their manufactures for the following reasons:

- 1st.—Superior manufacture of all their wooden ware, in consequence of its thorough desiccation by means of a steam kiln-drying process at 190° Far. previous to its manufacture.
- 2nd.—Their machinery is of the newest and most improved description, and has been specially selected from the best makers, both as regards economy and strength.
- 3rd.—Holding, as they do, valuable concessions from the Government for the utilization of prison labor, at a nominal cost per diem, they are enabled to produce large quantities of specialties at prices which will give a better value to the trade, and defy competition.

The works are connected by rail with all lines coming into the City, and have about 18 miles of tracks in their yard for receiving lumber, coal, &c., and shipping manufactured goods, so that they can pack car load lots in their works for shipment direct via New York, Montreal, or Halifax. Their cedar ware is manufactured expressly for hot climates.

**SESSIONS, COOPER, & SMITH, MANUFACTURERS OF BOOTS AND SHOES, TORONTO, CANADA.**

This business was commenced over twenty years ago, and has kept on steadily increasing in volume, until it now stands the acknowledged head of the trade in the Dominion. The business was carried on for a number of years on Wellington Street, but a few years ago it was found impossible to meet the demands of the trade without increasing the facilities for manufacturing, and a building was erected on Front Street, specially designed for that purpose. The building is 80 feet front by 180 feet in depth, and five stories high. The cellar is used as a store-room for leather, and the heavier grade of boots, it also contains the engine that runs the machinery, the boiler being in a separate building. The first floor is used as a warehouse, sample rooms and offices, the factory occupying all the rest of the building. The factory contains all the latest and most improved machinery for economising labor, and improving the quality of the goods. It is now one of the largest of the kind in America, giving employment to over 500 hands, and turning out upwards of half a million of pairs annually. Every description and style of boots and shoes are manufactured by the firm, from the infant's shoe to the heavy stoga boot, and their goods have an enviable popularity in the Dominion. In addition to their own factory they make extensive contracts with the smaller manufacturers for special lines during the seasons. The bulk of their business is done in Ontario, but since the Confederation of the Provinces the house has worked up an extensive and rapidly increasing trade with the lower Provinces, Manitoba, and British Columbia, and export largely beyond the boundaries of the Dominion. Their agent, Mr. Thos. Oliver, is now in Australia, for the first time, with samples of their goods, and will call on the leading dealers with a view of opening up a trade with that country.

**HAMILTON AGRICULTURAL WORKS, HAMILTON, ONTARIO, CANADA.**

In the year 1836 the firm of McQuesten & Co. established, in a very small way, these works which are now so justly celebrated all over Canada. Starting down upon the lowest round of the mercantile ladder of fame, they have climbed clear to the topmost, achieving what no other agricultural firm has done in the Dominion *in time* and *place* in almost every time. In the year 1854 the present extensive buildings were erected by

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L. D. Sawyer & Co., occupying nearly five acres of ground in the north-east part of the City. The principal buildings are of stone. The machine shop is a building 80 feet by 90 feet, and fitted up with the latest improved machinery, all peculiarly adapted for the manufacture of their machines. The moulding shop, or foundry, is nearly as large. The carpenter shop is a stupendous building 90 feet by 90 feet; this, with the blacksmith shop, brick paint shop, storerooms, and warehouses, all go to prove our assertion that this is truly the most extensive works of the kind in the Dominion of Canada. There is in constant employment 150 to 200 workmen, some of them having seen twenty years or more of service with the firm, and it is a note-worthy fact that in all of the years of its existence work has not been suspended, except for annual repairs. A steady, progressive growth has been maintained, and by the uniform excellence of manufacture, and liberal dealings with patrons and agents, the demand for their productions has steadily increased until there is now hardly a portion of the Dominion in which their machines may not be found in use. Another and most convincing proof of the high standard of this firm is that at the Great Centennial World's Fair, held at Philadelphia, U. S., the past season, they obtained the only prize medal given by the United States for mowers and reapers to any firm outside of their domains. They also obtained the silver medal of Canada, which was the only prize given by the Dominion for mowers and reapers. Messrs. Henry P. Welsh & Co., 172 Queen St., Melbourne, and at Sydney, 43 Pitt St., have been appointed as agents for the sale of the machines manufactured by L. D. Sawyer & Co., and we bespeak for them a large and flourishing trade throughout Australia.

#### JOHN RITCHIE & SON, TORONTO.

This firm is composed of John Ritchie, sr., and John Ritchie, jr., and was founded in the year 1857 by the senior, who carried on business at the corner of Frederick and King Streets until 1861, when, finding that larger premises were required for the increasing business, he removed to 192 King Street, a very large building containing three stories and a basement, and to still further increase facilities a steam engine was added. In 1870 the junior member of the firm was admitted as a partner. It is now one of the largest establishments of the kind in the Dominion employing, when in full blast, about 75 hands, and we understand it is the intention of the firm to still further extend their premises when time will permit. This is one of the most complete factories for turning out all kinds of brass work, having all the most modern tools and machinery, and always adding thereto, so that they are in a position to enter into competition with any market for *style, finish, workmanship, and price*. We are glad to note that they have been awarded the International award and medal from the Centennial Commissioners, at Philadelphia, (1876), and also the only medal awarded by the British judges for the Canadian Department at the same Exhibition. And for the last Provincial Exhibition we notice that they have just received the diploma for the best assortment of globe and check valves. The following are among the principle articles of their manufacture: For gas—Coronas, chancel, pulpit, and pillar lights. For churches and halls—Chandeliers, pendants, brackets, &c. For houses and stores—All kinds of joints and fittings for gas fitting. For water—All kinds of valve and pan water closets and fittings, straight and nose ground plug (bib) cocks; straight and nose compression cocks; valves and fittings for baths, wash basins, hydrants, slop sinks, and all kinds of plumber's supplies. For steam—All kinds of globe, ange, check, safety, vacuum valves, steam gauges, water gauges, gauge cocks, stop cocks, and all kinds of engineer's and machinist's supplies. They have also five different patterns of bank and office railways for counters, and have facilities for making to any pattern or size required on submitting a sketch. We can fully recommend them as competent to execute any orders entrusted to them with promptitude and at low figures. They also deal in iron and lead pipe, iron fittings, cooking ranges, and keep in stock all articles required by plumbers, gas, and steam fitters, engineers, and machinists. Price list and discounts furnished on application.

#### E. & C. GURNEY, HAMILTON, ONTARIO, CANADA. MANUFACTURERS OF STOVES AND HOLLOW WARE.

The members of this firm who established a pioneer stove and hollow ware manufactory at Hamilton, Ont., in 1843, have achieved a success at once creditable to their enterprise and ability, and indicative of the growth and resources of the Dominion. They carry on two mammoth manufactories, one at Hamilton, and the other at Toronto, and although these remarks were written after an inspection of the Hamilton establishment, it must be understood that they apply with equal accuracy to the one situated in the capital

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of the Province, indeed, in architectural design and finish the Toronto establishment is the superior structure, being perhaps the finest pile devoted to manufacturing purposes in the Province. The Hamilton establishment is, nevertheless, handsome and commodious, like the one in Toronto, it is 200 x 300 feet, the ware-room alone measuring 66 x 70. In Hamilton the Messrs. Gurney employ 175 hands, and in Toronto a similar number, and they melt annually in their two foundries the enormous quantity of 2,800 tons of pig iron. To sustain this large business, over half a million of dollars of capital is invested, and their annual disbursements for labor, material, and the like, figure largely in the transactions of the commercial community. A fifty-horse power engine is required to keep in motion the busy wheels of this industry, in each of their manufactories, and they occupy a proud position as the leading stove and hollow ware manufacturers of the Dominion, investing as they do more capital and doing more business than any three similar firms in the country, from the Atlantic to the Pacific, producing the greatest and best variety of goods, and supplying the largest demand, as is attested by the extent of their business connections, the amount of their receipts, and their universal success in carrying off prizes wherever they have exhibited. Nor has the keen but unsuccessful competition which they have had to encounter been from Canadian manufacturers alone; since 1843 they have met the largest firms doing business in the United States upon the open Canadian market, and have met them successfully. There are no shrewder, more energetic, or more successful manufacturers in the world than those of the Great Republic, and the ability of the Messrs. Gurney to hold their own against these, sufficiently demonstrates all that need be claimed for them and their business. These brief and imperfect notes cannot convey to the reader any accurate conception of the giant strides which have been made in Canada in the manufacture of every description of hollow ware, and of heating apparatus since the Messrs. Gurney first gave to the business the impetus under which it still moves, but they may give him some idea of the men who have made their names household words throughout the land, and who have helped to build up the two leading cities of the premier Province of Canada. The broad and firm basis upon which their business now rests, enables them to compete with all comers from all quarters, both in price and quality, in the markets of either their own or other countries.

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#### H. T. SMITH, MANUFACTURER OF SODA WATER MACHINES & FOUNTAINS.

One of the most prominent features of the Canadian Department at the late Philadelphia Exhibition was the soda water stand of the above well known inventor who occupies no mean place among the list of industries in the City of Toronto. The factory is a handsome brick building on Elizabeth Street, and gives employment to about 75 hands. The business was established in 1857.

Among the many superior advantages of his improved soda water machine are:—

1st. *Uniformity of Quality.*—By steadily working the pump the quality of the soda water can be kept perfectly regular and even, from start to finish, whereas by the American self-acting machine, nothing approaching to regularity is attainable, the quality varying constantly, according to the quantity in the receiver.

2nd. *Various Grades Produciible.*—H. T. Smith's machine enables the manufacturer to produce any quality that may be desired, as well as to keep it uniform. From the weakest to the most highly charged, each can be made with equal facility.

3rd. *Cheapness and Rapidity.*—This machine surpasses all others in the quantity capable of being turned out, and in economy of expense attending the same. By having two bottling benches, 500 dozen may be bottled daily, and at the lowest calculation it will make twice as much as the self-acting machine—cost and quality being the same.

4th. *Security from Explosion, etc.*—The pump is furnished with an air chamber and safety-valve, which causes it to work smoothly over the centre and avoid all jerkiness, at the same time forming a perfect safe-guard against explosion.

His fountains will well bear comparison with any of the largest and most celebrated American makers, and he deserves the utmost credit for his happy combination of elegance of design with excellence of manufacture, not to mention the very important fact that his apparatus is sold at reasonable prices.

No inferior material, and none but the best workmanship will be found to enter into their composition; the utmost regard is paid to the purity of the beverages to be produced, and in all except the extremely cheap patterns, the coolers are lined with block tin and the syrup jars made of enameled porcelain, a great improvement over the metal ones generally used.

An important feature, and one peculiar to the "Frigid," is the manner in which the coolers are constructed; by means of a partition running longitudinally through the centre, the soda water has to traverse the entire length of the coolers twice over, and

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thus travel double the ordinary distance through the ice. In this way an ice-cold beverage is always obtainable, no matter how continuously it may be drawn, and a steady and even flow is secured, in contrast to the jerky and irregular discharges so commonly characteristic of fountains by other makers.

Several new designs have recently been brought out, as the "Renaissance" and the "North Star," to which the attention of the trade is invited, and which will be found to be well worthy of inspection.

Mr. Smith is, himself, at the Sydney Exhibition, and can be seen at the Canadian Department. He is also acting as agent for several of the exhibitors.

**THE MANUFACTURERS' ASSOCIATION OF ONTARIO.**

The objects of this Association are to secure by all legitimate means the powerful aid both of public opinion and Government policy in favor of the development of Home Manufactures and the promotion of Canadian enterprise generally.

To enable Manufacturers in all branches to act together as a united body whenever action in behalf of particular interest or of the whole body is necessary.

To procure and render available for general use reliable statistics of Manufactures, Imports and Exports, in such fullness of detail as will make clear what kind of business the Country is doing, and as will suggest what particular steps should be taken to promote Home Industries.

To check all fraudulent and injurious practices by which inferior foreign productions are placed in our Market as Canadian.

To promote direct trade with those countries especially that duty or may become large purchasers of Canadian goods, and to seek out new Foreign Markets for our productions.

Persons eligible as members are all Manufacturers, their Agents, and those desirous of promoting the development and fostering of Canadian Industries.

The conditions of membership are a minimum subscription, and general conformity to the rules and regulations of the Association.

The Officers of the Association consist of a President, 1st Vice-President, 2nd Vice-President, Treasurer, Recording Secretary and Corresponding Secretary.

The Executive Committee or Board of Directors consist of the Officers and thirty other members of the Association.

The President and other Officers and members of the Executive Committee are elected annually by ballot, at which meeting the Secretary and Treasurer submit their annual reports.

The General Annual Meeting is held on the second Wednesday of January, in Toronto. The Board of Directors also meet at such time and place and as often as they deem necessary for the welfare of the Association; five forming a quorum.

The Institution was organized in 1871 with James Watson, Esq., Hamilton, as President; B. Lyman and M. Staunton, Esqs., of Toronto, as 1st and 2nd Vice-Presidents; W. H. Frazer, Esq., Secretary, and Ed. Gurney, Esq., Treasurer.

The Officers for 1877 are:—W. H. Howland, Esq., President; R. Barber and M. Staunton, Esqs., Vice-Presidents; Geo. Booth, Esq., Treasurer; W. H. Frazer, Esq., Secretary.

**A SHORT SERMON FOR BUSINESS MEN.**

TEXT—"A SCREW LOOSE SOMEWHERE."

There is a large class of persons in business in every country who have little difficulty in making money, but who never become any richer, and not unfrequently end by becoming insolvents. This particular class are generally well-behaved members of society, and in most cases industrious, and stand well in their respective localities. They appear to make good wages, or do a flourishing business, and are the persons one would suppose who would readily accumulate wealth. But they don't succeed, and the old saw, there is "a screw loose somewhere," reveals the why and wherefore of their failure. The "screw does somewhere," with a large proportion of the individuals referred to, is living too fast. Their business is often excellent—they are considered well-to-do in the world, and handle a good deal of money; but they spend as fast as they make. If they make more, they spend more; but in any event, they never accumulate. By efforts to maintain a certain position in society, by indulging in luxuries here, and a little more extravagance there, the fruits of their labor are frittered trivialously away. Frequently these persons believe themselves to be making money; but they keep no systematic record of their expenditure, either household or personal. Local bills are seldom paid

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promptly, or closely scanned, and they have no means of knowing correctly, nor do they trouble themselves to enquire, how much they really depend unnecessarily in the course of a year. In this way thousands die, until they are rudely awakened from their dream to find that the wealth they might have made, and believed they were accumulating, had slipped away through leaks as fast as it was made.

Many business men who have prematurely undertaken to build fine residences, or made other rash investments in real estate, have found, before they went far, that there was "a screw loose somewhere." Fine residences are desirable real estate, as often profitable, but neither are desirable nor profitable to those who cannot spare the capital to invest in them. How often is it the case, however, that the particular class to which reference is made, commence to build costly private residences, invest in real estate, or set up the family carriage? Their business, if any, be, is doing well, but its profits are drawn upon too largely, for investment of a permanent and doubtful character, and they go on from year to year, foolishly squandering with one hand what they make with the other.

The long-winded credit system is another rock upon which many a good business, with an easy-going, free spending manager is stranded. This evil is double-headed, for it injures not only the seller, but the customer; the debtor as well as the creditor. Those who want credit, a most invariably pay exorbitant prices for what they purchase. They are frequently involved in heavy interest, and their indebtedness has, consequently, small chance of being wiped out. On the other hand the merchant or trader who gives long credit and fails to make his collections promptly, cannot purchase advantageously, and similar loss to that suffered by his customer is entailed by himself when purchasing from the wholesale dealer. In scores of ways the evils of extended credit are felt by the country; and it is not too much to say that thousands in Canada would soon become rich, but for the bad debts and other losses arising from this cause. All the profits which these persons think they are making, really leak through their ledger, and if they long continue to follow the baneful system, they soon find there is "a screw loose somewhere," which threatens, if it does not actually involve them in ruin.

# SESSIONS, COOPER AND SMITH

Manufacturers and Wholesale Dealers in

# Boots and Shoes,

36 AND 38 FRONT STREET WEST,

TORONTO, - - ONTARIO,

JAMES COOPER, J. C. SMITH. CANADA.

Our representative, MR. THOS. OLIVER, is now in Australia with samples of our goods, and any orders intrusted to him will receive prompt attention.

# H. A. Nelson & Sons

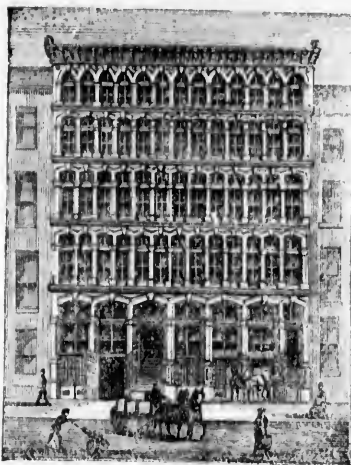
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The Largest and Oldest House in the Trade.

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Compiled and published for the Ontario Exhibitors at the Sydney,  
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*Secretary of the Committee,*

with the assistance and under the authority of the Legislature of the  
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