

bushels. Fanega, Venezuela, equals 1.599 bushels. Fanega, Uruguay, single, equals 3.888 bushels. Fanega, Uruguay, double, 7.777 bushels. Barril, Argentina and Mexico, equals 20.079 gallons. Arroba (liquid), Cuba, Spain and Venezuela equals 4.263 gallons.

Weights.—Pound (libra), Chili, equals 1.0143 lbs. avoirdupois. Pound, Argentina, equals 1.0127 lbs. avoirdupois. Pound, Central America, equals 1.043 lbs. avoirdupois. Pound, Mexico, equals 1.0146 lbs. avoirdupois. Pound, Peru, equals 1.0143 lbs. avoirdupois. Pound, Uruguay, equals 1.0143 lbs. avoirdupois. Pound, Venezuela, equals 1.0161 lbs. avoirdupois. Arroba equals 25 lbs. Spanish equals 25.36 lbs. avoirdupois equals 11.527 kilog. Quintal equals 100 lbs. Spanish equals 101.43 lbs. avoirdupois equals 46.108 kilog. Quintal, Brazil, equals 130.06 lbs. avoirdupois. Ton equals 20 quintals equal 2,028.6 lbs. avoirdupois equal 922.16 kilos. Marc of Silver, Bolivia, equals 0.507 lbs. Cajon, Minerals, Bolivia, equals 50 quintals.

NOTE.—We are indebted to "South America as a Field for Enterprise" for many of the facts above given.

### A QUEER CONDITION OF THINGS.

A press despatch from Hamilton, Ont., a few days ago stated that a representative of the T. Eaton Company, Toronto, was in that city with a view to making arrangements looking to a removal of the manufacturing department of that concern from Toronto to Hamilton. We do not observe that the local branch of the Manufacturers' Association are doing anything to prevent what would be a sad blow to Toronto, should the removal be made. The dissatisfaction of the Eaton Company had its inception with the persistent and idiotic fight of the Retail Merchant's Association in endeavoring to drive the company out of business because it runs a departmental store. Aside from the other lines of merchandise handled by the T. Eaton Company, they maintain a large factory for the manufacture of white goods, etc., in which they give employment to about twelve hundred hands all of which goods are sold in their departmental store. The fight is being made by the Retail Merchants' Association, of which Mr. Rogers, a furniture dealer, is or was president, and is now and was a member of the Manufacturers' Association, another active and aggressive fighter against the Eaton Company being E. M. Trowern, secretary of the Retail Merchants' Association. The Toronto city council has contributed considerable sums of money, we are informed, to the Retail Merchants' Association to enable them to carry on their fight against the Eaton Company, and it was in supporting them in this warfare that Mayor Howland, in his inaugural speech, spoke of the injury the departmental stores worked on the streets because of the traffic of their delivery wagons. A couple of years ago when the president and some of the members of the Canadian Manufacturers' Association advanced the idea that members thereof should be given something for the money they paid to the Association as membership fees, on the recommendation chiefly of a number of the executive, Mr. Trowern was employed to interview manufacturers and induce them, if possible, to become members. This gentleman in his letter of recommendation spoke of Mr. Trowern as his friend whom he had known for more than twenty years, and it was a remarkable fact that, while this man was taking pay from the Association, he was spending time and energy in endeavoring to destroy the business of one of the largest manufacturing concerns in Canada. We do not observe

that the managing committee of the local branch of the Association are making any exertion to remove or abate the cause that will probably drive an industry from Toronto in which is invested large capital and gives employment to more than a thousand hands.

### METRICAL DENOMINATIONS AND VALUES IN CANADA.

Without doubt the time is rapidly approaching when the use of the metric system of weights and measures will be compulsory in Canada—it is now optional, and we therefore reproduce the tables as they have been made law by the Dominion Parliament and known as the Weights and Measures Act, Chap. 104 of 49 Vic., 1886. It would be well for those interested in this most important matter to preserve the tables here given.

Tables of the values of the principal denominations of measures and weights of the metric system, expressed in terms of the standard measures and weights of Canada:

#### 1.—MEASURES OF LENGTH.

Metric Denominations and Values.	Equivalents expressed in terms of the Standard of Canada.			
	Metres.	In Standard yards and decimal parts of a yard.	In feet and decimal parts of a foot.	In links and decimal parts of a link.
Miriametre.	10000	10939.444444	32818.333333	49724.74747
Kilometre.	1000	1093.944444	3281.833333	4972.47475
Hectometre.	100	109.394444	328.183333	497.24747
Decametre.	10	10.939444	32.818333	49.72475
Metre.	1	1.093944	3.281833	4.97247
Decimetre.	$\frac{1}{10}$	.109394	.328183	.49725
Centimetre.	$\frac{1}{100}$	.010939	.032818	.04972
Millimetre.	$\frac{1}{1000}$	.001094	.003282	.00497

#### 2.—MEASURES OF SURFACE.

Metric Denominations and Value.	Equivalents expressed in terms of the Standard of Canada.		
	Square Metres	In square yards and decimal parts of a square yard.	In square links and decimal parts of a square link.
Hectare.	100 ares.	10000	11967.1444
Decare.	10 "	1000	1196.7144
Are.	1 "	100	119.6714
Centiare.	$\frac{1}{100}$ "	1	1.1967

#### 3.—WEIGHTS.

Metric Denomination and Value.	Equivalents expressed in terms of the Standard of Canada.		
	Grams.	In pounds Avoirdupois and decimal parts of a pound.	In grains and decimal parts of a grain Troy.
Millier.	1000000	2204.62125	
Quintal.	100000	220.46212	
Myriagramme.	10000	22.046212	
Kilogramme.	1000	2.204621	
Hectogramme.	100	.220462	
Decagramme.	10	.022046	
Gramme.	1	.002204	15.4323487
Decigramme.	$\frac{1}{10}$	.0002204	1.5432349
Centigramme.	$\frac{1}{100}$	.0000220	.1543235
Milligramme.	$\frac{1}{1000}$	.0000022	.0154323