

High School at Niagara Falls, ONT.

BUILT WITH THOROLD CEMENT.



—SIZE OF BUILDING, 85 x 75 FT.

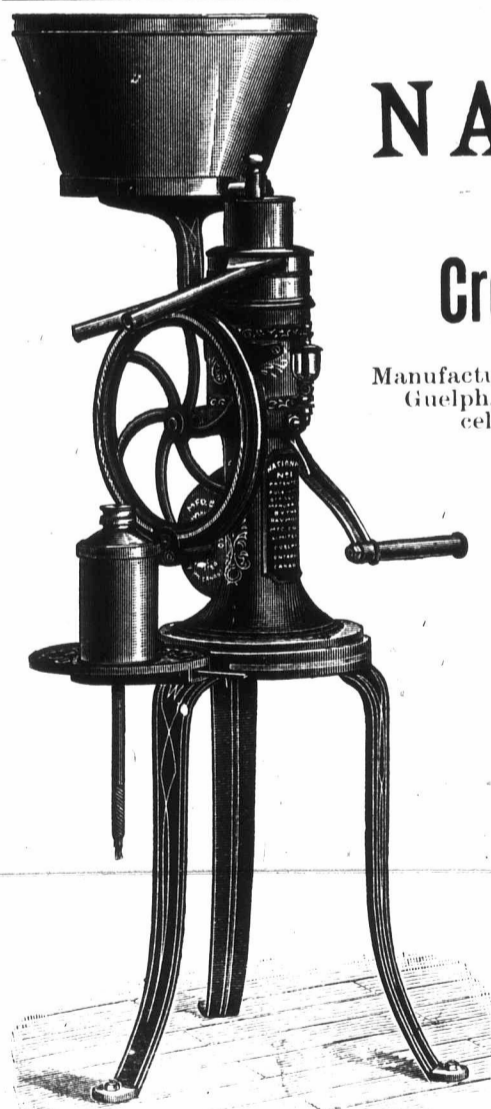
ESTATE OF JOHN BATTLE, CEMENT MANUFACTURERS, THOROLD, ONT.

St. Catharines, Oct. 16, 1899.

GENTLEMEN,—The high school building at Niagara Falls, Ont., was built by our firm during the year 1893, the size of the building being 85 feet long x 75 feet wide, three stories high, with basement. In the construction of the building and putting a cement floor in the basement we used only your Thorold Cement; and in this building, as in the many we have put up during the past 20 years, the cement was most satisfactory.

NEWMAN BROS., Masons and Contractors.

Estate of John Battle, Thorold, Ontario.



THE NATIONAL FARM Cream Separator

Manufactured by the Raymond Mfg. Co. of Guelph, Limited, manufacturers of the celebrated Raymond Sewing Machines.

THE National is an up-to-date machine, leading all others in separating cream by centrifugal force. It is the farmers' choice, because it runs easy, skims fast and clean, and makes a perfect cream, containing any per cent. of butter-fat desired. It is also easier to clean than any other. The National is built of the very best material suitable for the construction of a high-speed machine, and with proper care should last a lifetime. The bearings are interchangeable and easily adjusted. Every machine is guaranteed to do good work, and a trial of the "National" is solicited before purchasing any other. The already large sale of the "National," and the growing demand for it, shows how much the Canadian farmers appreciate a Canadian-made machine that does its work so easily and well, and at the same time returns such a large profit on the small investment. Ask for the "National"; try it and buy it.

THE CREAMERY SUPPLY CO., GUELPH, ONT.

General agents for Ontario.

MESSRS. CAMPBELL & GLENN, 381 TALBOT ST., LONDON, ONT.

Agents for the Counties of Middlesex and West.

"NATIONAL" NO. 1 HAND POWER. Capacity, 330 to 350 lbs. per hour.

The Raymond Mfg. Co'y of Guelph, Ltd.

GUELPH, ONT.

NOTICE.

The Doherty Organs.

The organ manufacturing establishment of W. Doherty & Co., at Clinton, Ont., ranks among the most successful of Canadian industries. Commencing in a small way in 1875, its history of a quarter of a century in the production of organs exclusively, has been, like the career of Gen. Lord Roberts, an unbroken line of success. During this whole time the factory has been run continuously, except for a brief period of four months in the year 1898, following the disastrous fire by which their original premises were destroyed. Then, however, in its seemingly darkest hour, its greatest victory was achieved, and the ambitious concern rose, phoenix-like, from its ashes a greater establishment, with improved facilities and enlarged capacity, and to-day occupies very extensive fireproof buildings of brick and iron, with a capacity of 500 organs per month. The whole premises cover an area of twenty acres of land, and represent an investment of upwards of a quarter of a million dollars (\$250,000). Besides manufacturing organs, their ever-increasing business now includes timber limits, sawmills, drying kilns, and prospective veneer mills, concentrating on the premises the manufacture of practically everything going into the construction of their instruments, and constituting altogether an industrial hive which gives the undoubted impression of a prosperous and well-managed business.

Entering the roomy, perfectly-ventilated and well-lighted offices, with their five large plate-glass windows, one is at once impressed with the solidity of the institution, by the genial yet quiet courtesy of the worthy founder and head of the business and his efficient staff.

Passing into the large packing and shipping room, where apparently upwards of 1,000 finished instruments were ready for shipment, an idea of the popularity of their instruments, the wide range of the reputation of the firm, and the magnitude of their business may be formed from the address cards consigning their organs in wholesale shipments, not only to near and distant destinations in the Dominion, but also to many foreign countries, and here the likeness to Lord Roberts' career ends, for while the General has conquered South Africa and earned honors at Kandahar, the Doherty organ has virtually won the world for its field. Passing through the hardware storeroom, replete with everything in that line used in the business, we come to the bellows room, where fine work is done in the purest of white wood of faultless quality, and where, among other interesting features, are seen fine specimens of made-up stock, consisting of three thin layers of wood glued together, of which two are white basswood, with a core of tough wood in the center, giving strength to the whole, and preventing the possibility of splitting or the admission of air, an obvious and important improvement on ordinary sawn board.

Adjoining this room is the important and extensive two-manual department, where are seen in course of construction organs with two banks of keys, and showing a grand combination of keys, stop action and pedal base, giving the finest effects when skilfully manipulated. These instruments are used mainly in churches. Upstairs in this building, in size 200x50 feet, is the ensemble department, where a vast number of instruments are nearing completion, and where we find action making, tuning, fly finishing, and case fly finishing, while in an adjoining room we find hand polishing, where cases are hand rubbed the same as piano cases, which operation is said to be one secret of the beautiful and lasting finish of the Doherty organs.

Machinery hall, size 275x50 feet, is furnished with shafting and pulleys nearly its entire length, and with the greatest collection of fine working, labor-saving machinery we have ever seen together, all being new, designed principally by the firm, and built especially suitable for their own work. On the second floor of this building is the action machine room, where not only action material is manufactured, but also keys, for the firm make their own keys and couplers, and have done so for years. In this department are also the silver and copper plating racks and material, and on the same floor we come to the finishing room, while adjoining are the varnishing and flowing parlors.

In the annex to machinery hall is the engine room, where the magnificent 150-horse power Wheelock engine supplies power for all the machinery in the buildings described, and runs an electric dynamo supplying the 500 lights of the factory, dwelling house and stables. There are also the force pumps connected with the waterworks (all their own system), with a capacity of 50 gallons per minute. In close proximity to the engine room is the dry kiln, with a capacity of 100,000 feet of lumber, said to be the largest and most efficient in Canada, constructed on the department, fan and rail best system, and heated by both exhaust and live steam, and with accommodation for several carloads of lumber simultaneously. On another part of the grounds, surrounded by millions of feet of logs, a steam sawmill is daily reducing these into lumber for use in the factory, and for sale.

The aim of the firm, however, has been to make the excellence of their organs an inducement to purchasers rather than to impress them with the magnitude of their factories or the vastness of their product, believing that quality is of much more consequence to the purchaser than quantity, and their long experience and added knowledge, gained not only by study, but also by practice, has enabled them to invest their organs with a value and character which are strangers to many of the instruments in the market to-day. They make a great variety of styles of organs, from the smallest single-reed instrument to the largest cathedral organ, and having great scope and power. The piano-case organ is, however, the favorite style now in this country for parlor use. In construction, the Doherty organ is thoroughly substantial. In fineness of finish it is unsurpassed. In tone, absolute purity, perfect equality and ample power are combined in the highest degree of perfection, securing a great variety of finest effects, the makers claiming to put not only brains, but also conscience, integrity, soul and sympathy into their instruments, and the uniform testimony of those who have used them for years fully endorses these claims. See their advertisement on page 421 in this issue, and send for their illustrated and descriptive catalogue.

Ayrshire Bulls. Write to J. YULL & SONS, Carleton Place, for special prices on Ayrshire bulls from 11 years to 6 months. Four over 15 months, fit for service, from special milking stock. Sired by prize bull, Jock of Burnside—1684—, also females of all ages. Shropshire sheep of all ages; a number of fine ram lambs. Berkshire pigs of either sex, of the best bacon type. B. P. Rocks.

PERSIATIC Sheep Dip AND ANIMAL WASH.

A NON-POISONOUS LIQUID "DIP."

Kills Ticks. Kills Red Lice. Heals Wounds.

Greatly Improves quality of WOOL.

For Horses, Cattle, and Pigs. Removes all insects. Thoroughly cleanses the skin.

Leading "STOCKMEN" endorse it as the CHEAPEST and most EFFECTIVE "Dip" on the market.

SOLD BY ALL 50 cents PER QT. DRUGGISTS, CAN.

Special rates in larger quantities.

MADE ONLY BY

THE PICKHARDT RENFREW CO., LIMITED, STOUFFVILLE, ONT.

EUROPEAN ADVERTISEMENTS.

FAMOUS ALL OVER THE WORLD.

ALFRED MANSELL & CO., LIVESTOCK AGENTS AND EXPORTERS, SHREWSBURY.

BRITISH STOCK selected and shipped to all parts of the world. Write for prices to ALFRED MANSELL & CO., Shrewsbury, England, or to our American representative, Robert Miller, Stouffville, Ont., Canada.

J. E. CASSWELL, Laughton, Fellingham, Lincolnshire, breeder of Lincoln Long-wooled Sheep, Flock No. 46. The flock was in the possession of the present owner's great-grandfather in 1785, and has descended direct from father to son without a single dispersion sale. J. E. Casswell made the highest average for 20 rams, at the "Annual Lincoln Ram Sale," 1895 and 1897. The 1896 rams were all sold for exportation. Rams and ewe hoggs and shearlings for sale, also Shire horses, Shorthorns, and Dark Dorking fowls. Telegrams: "Casswell, Fellingham, Eng." Station: Billingham, G. N. R.

The Danesfield Pedigree Stock

IMPORTERS desirous of securing selections of either Shire horses, Alderney-Angus cattle or Hampshire Down sheep should inspect the stud, herd and flock, property of Mr. R. W. Hudson, which are kept in the highest degree of purity that care and selection can produce, at Danesfield, Marlow, Bucks, England. Specimens of horses, cattle and sheep have been largely exhibited at the principal English shows during 1899 with very prominent success. For full information, etc., apply:

MR. COLIN CAMPBELL.

ESTATE OFFICE,

DANESFIELD, MARLOW, BUCKS, who will be happy to make arrangements for inspection, or to quote prices.

W. W. Chapman,

Secretary of the National Sheep Breeders' Association, Secretary of the Kent or Romney Marsh Sheep Breeders' Association, and late Secretary of the Southdown Sheep Society.

Pedigree Live Stock Agent, Exporter and Shipper. All kinds of registered stock personally selected and exported on commission; quotations given, and all enquiries answered.

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Breeder and importer of registered Oxford Down Sheep. Selections from some of the best flocks in England. Stock for sale at reasonable prices. Inspection invited. 6-1-y-o

