



THE LITTLE OLD MILL.

There's a little mill
At the foot of the hill,
And a little dam,
And a little old mill,
Shabby and still;
And the little old miller who once was there,
With snow-white clothes and powdered hair,
Who measured the grain,
And who took the toll,
He is now as silent and still
As the moveless wheels in the little old mill;
And he sleeps in the churchyard cold and 'lorn,
Near the little mill where he ground the corn.

Long years ago
In the Summer's glow,
And the Autumn's blow,
And the Winter's snow,
It was full of life;
The waters rushed through the narrow bay,
And the tick-tack song was heard all day,
Grinding the grain
That daily came
Down the crooked lane
To the old mill's door.
Poys and men—men and boys
Chatted amidst the old mill's noise,
Related their sorrows, spoke of their joys,
Joked and laughed for many an hour
While the miller turned the grists to flour.

Where are they
To be found to-day?
They silent are and still
Like the miller and the mill.
All their grists of life have been ground;
All of them sleep beneath the mound;
For like the mill
At the foot of the hill
They had their day
And passed away.
Some were weak and others were strong;
Some died young, while others lived long—
One by one they dropped by the way,
And not a survivor lives to-day.

But the mill runs along
With the same old song
And the same fresh glow
Of years ago.
Warm and cold, it never grows old;
And its banks still bloom with crimson and gold,
Just as it did when the miller was there
With snowy garb and powdered hair;
And the life stream flows
Through joys and woes;
And others now ride
On the life-long tide,
Just as those did who went to that mill,
Just as those to follow us will,
Till the wheels of Time shall stand as still
As the rattling wheels of that old mill.

—West Chester Local News.

The Ogilvie Company will convert their grain warehouse at Neepawa into a 40,000 bushel elevator.
H. W. Hansell, of Pense, Assa., has purchased the interest of I. R. Reilly in the Regina Milling Company.
Mr. James Carnegie has purchased the Port Perry grist mill, planing, door, sash, etc. factory and saw mill.
Adam Nelson, of Mountain City, Man., has leased the mill at that place lately operated by Frank Belford.

The McFarlane Milling Company, Sherbrooke, Que., have recently introduced roller machinery into their mills.
In Canada and the United States the loss of mill property through fires during March amounted to \$350,000.

Mr. W. C. Caldwell, of Lanark, Ont., will add the necessary machinery to his mill for manufacturing rolled oatmeal.
The town of Neepawa, Man., will grant Messrs. Timewell & Son, of Winnipeg, \$500 towards the erection of an elevator at that point.

The Limerick Harbor Commissioners have reduced the tax on foreign flour imports entering that port from two shillings to one shilling.
Messrs. Dobson & Campbell have made arrangements to take possession of the grist mill at Woodville, and will put in the roller process.

Mr. S. A. Milligan, formerly miller at the Huron Roller Mills, Penetanguishene, has taken charge of the Simcoe Mills, Tottenham, Ont.
Assignments of flour mill operators in Ontario are reported as follows: Thomas and Isabella Holmes, Chatham; Stephen Harvie, Glenmorris.

Joseph Savage was sentenced to twelve months in the Central Prison recently for tampering with the machinery in May Bros' flour mill at St. Thomas, Ont.
The farmers of Gladstone, Man., express a strong desire for a 75-barrel roller mill, but it is not likely they will undertake the work without outside assistance.

The Lyan Valley mills, near Simcoe, Ont., have been sold by auction to Mr. Wm. F. Sinden, formerly head miller for Mr. N. C. Ford, for the sum of \$5,400.

The decision of the Grand Trunk Railway Co. to close the elevators at Dalhousie and Port Colborne has been changed. The elevators will be run this season as usual.

Mr. Priner, owner of the flour mill at Battleford, N. W. T., has contracted with the Dominion Government to do the grinding for the Indians of that locality for a period of six years.

The Belle River grist mill owned by W. & J. G. Greey, Toronto, was burned to the ground recently. Loss, \$10,000; insurance about \$2,000. This is the third mill burned on the same site.

An esteemed contemporary gravely asserts that Mr. Denne, of Newmarket, has shut down his planing mill for the purpose of putting in the Cochrane system of rolls. This is funny enough for Grip.

Mr. Judson computes that by the proposed Niagara Ship Canal which is intended to bring large steamers of 3,000 tons or 100,000 bushels 141 miles nearer New York than they can now come, there will be a saving of freight charges of not less than three-quarters of a cent per bushel.

A by-law for the purpose of issuing debentures to the amount of \$3,000 to be offered as a bonus to secure the erection of a roller process flour and grist mill in the town of Glenboro, will be submitted to the ratepayers of South Cypress, Man.

Mr. J. B. Pierce, who had intended to erect a new flour and saw mill at the village of Blairton, Ont., will select Marmora village instead unless the citizens of Blairton will bonus liberally a four mile line of railway to connect the village with the C. P. R. and C. O. R.

The Dickson Co., intend making considerable improvements at the old Otonabee flour mill, Ashburnham, Ont. The capacity of the mill will be increased from about 125 barrels to 200 barrels per day. They will also erect an elevator with a capacity of 30,000 bushels.

The sales of oatmeal by the Oatmeal Combine last month are said to have been nearly 50 per cent less than during the previous month. Considerable oatmeal is said to have been imported into Ontario from Manitoba, and to this is attributed the decreased sales.

The Oatmeal Millers' Combine doesn't appear to be working satisfactorily. Only twenty out of a total of about sixty mill owners have joined the organization, while several prominent manufacturers have entered into open competition with it. It is the inability of the minority to regulate the action of the majority that necessitates so many meetings and prolonged discussions on the part of the combine. We should not be surprised to hear of its early dissolution.

The Joint Stock Company's grain storehouse and contents at Chatsworth, Ont., were recently destroyed by fire. About 5000 bushels of grain, the property of G. Goods, of Toronto, and fifty cords of wood were consumed. The storehouse was built in 1882, at a cost of \$2,300, and had a capacity of about 40,000 bushels. It was insured in the Queen Insurance Co. for \$1,333.

A representative meeting of millers belonging to the Dominion Millers' Association was held in the Board of Trade rooms in this city on Thursday, April 19th, to consider the proposed amendments to the Grain Inspection Act. The changes suggested by the various Boards of Trade and by the grain and flour merchants of the country were fully discussed and their adoption will be recommended to the Government.

The present tariff act enumerates a list of articles which the Canadian Government are willing to place on the free list as soon as the United States Government removes the duty from similar articles imported into that country from Canada. This list includes wheat, flour and bran. Sir Charles Tupper has introduced a motion to strike wheat and bran and also Indian corn, and Indian meal from this list. In other words it is his intention that

these articles when imported into this country should be subject to duty irrespective of any action of the United States Government in the direction of altering the American tariff.

It is extremely difficult, says the *Millstone*, to finish red-dog on rolls, and we believe that the mill can be operated more profitably and satisfactorily in every way if the last reduction is made on buhrs. This applies more particularly to stock from soft wheat—such wheat as grows in the winter-wheat section and the soft spring wheat. If wheat be very hard it may be possible to carry out the full roller idea, but even there it is better to use buhrs because it takes less machinery when rolls are used than where buhrs are used judiciously. The sentiment which dictated the use of full rolls, which brought about the full roller mill idea, is giving away to common sense and buhrs are now used where it is advantageous.

PUBLICATIONS.

The thirteenth annual report of the Ontario Agricultural College and Experimental Farm has reached our table through the courtesy of the Minister of Agriculture for Ontario. From the report of the President we learn that the attendance at this institution of purely Agricultural students, is as large as any other college on this continent, except two.



The Whitty foundry is to be operated by the Mowat Manufacturing Company, of Toronto.

Vancouver City Iron Works, at Vancouver, B. C., are expected to begin operations on May 1st.

All the mills and factories along the Welland Canal were lately closed in consequence of the water being drawn off.

It is reported that the Canadian Pacific Railway Company intend to put up extensive workshops at Lachine, Que.

Mr. Russell, of Millbrook, is trying to make arrangements to manufacture at Port Hope a new patent non-exhaust steam engine.

The Government has given the Kingston locomotive works the contract to construct fourteen locomotives for the Intercolonial railway.

The Standard Oil Co., of the United States, is said to have obtained control with a view to operating the Alpha oil refinery at Sarnia, Ont.

The citizens of St. Mary's, Ont., have carried a by-law to grant a bonus of \$30,000 to the Maxwell Manufacturing Co. to remove their works from Paris, Ont., to that town.

Messrs. Keough & Protter's foundry and machine shops at Chatham, Ont., which were recently destroyed by fire have been rebuilt on a larger scale, and are once more in operation.

It is said Messrs. Walker & Son, of Walkerville, have offered the Barium Wire & Iron works Company, of Windsor, a free site, free dock and coal at wholesale prices if the company will remove to that place. They also offer to subscribe for a certain amount of the company's stock.

The estimate of an English chemist, recently published, credits a ton of ordinary gas coal with containing 1500 pounds of coke, 20 gallons of ammonia water and 140 pounds of coal, resolvable further into 70 pounds of pitch, 18 pounds of creosote, 15 pounds of heavy oils and other amounts of naphtha, yellow naphthaline, alizarine, aurine, aniline, toluidine anthracine and toluene.

The use of gasoline as a fuel for small motors is taken advantage of in a recent invention of a small engine to be attached to bicycles and tricycles. With this it is claimed a maximum speed of ten miles an hour can be attained upon level ground. Sufficient fuel and water can be carried for a tour of twenty-five miles, and the weight of the whole plant, with tanks filled, is but 185 pounds.

Manufacturers who contemplate putting in the incandescent electric light, on representations that the amount of power required to drive the required dynamo or dynamos is quite insignificant, not worth considering, etc., are advised by the *Locomotive* to go slow. The lights are generally wanted at the precise time of the day and the year when the amount of steam required for other purposes, especially heating, is at a maximum, and a power required to furnish them is very considerable. Not more than ten incandescent lights worth having can be furnished continuously for one horse-power at the engine, and some of them require more power than this.

A Brockville, Ont., paper says: "Messrs. Boyd & Co. bought from Mr. Brown, of St. Chrysostom, Que., lately, the engine and boiler at one time used by the South brothers in their saw mill. On unscrewing the cylinder-head the other day, the workmen were astonished to find the interior filled with rubbish, which proved to be a squirrel's nest and the remains of its winter store of food. The little fellow had found an entrance by the steam pipe and following the sinuosities of the valve-box with the ease of a first-rate machinist had made its home in the cylinder, which it completely filled with its gathering food."

A Toledo paper says: "The stockholders in the Cochrane Manufacturing Company, after thorough investigation of the Cochrane patents, have decided not to put their money into the scheme unless they (the Toledo parties) are indemnified by Cochrane and Fuller against any loss which might fall upon them by reasons of the alleged co-partnership in the patents by Geo. T. Smith, of Jackson, Mich. The facts in regard to Mr. Smith's claims have been published. Mr. Fuller, who represents Mr. Cochrane, has written the Toledo parties, refusing to guarantee any such indemnity."

The Ogilvie mill in Winnipeg is turning out 850 barrels a day.
A grain elevator will be built at Louisville, Ont., by T. B. Jackson.
The new 1,250 barrel Keewatin mills will be started early in May.
A. K. McLeod, of Birtle, Man., has rented the High Bluff flour mill.
There is said to be a good opening for a flour mill at Manitou, Man.
The oatmeal combine has decided not to increase prices at present.
Over 1,500 car loads of flour have passed through the Sault during the past month.
Mr. James Pettenger, of Nostand, has purchased the grist mill at Fenelon Falls, Ont.
A new 54 inch turbine water wheel has just been put into Norris roller mill at St. Catharines.
The erection of large elevators, coal docks and mills is contemplated at Sault Ste. Marie.
The large Keewatin mill is converting wheat into flour at the rate of 1,200 barrels per day.
The northern elevator in this city is to be closed in a few days to allow of repairs being made.
The ratepayers of the municipality of Norfolk are advocating for a grist mill at Austin, Man.
A grain elevator will be built at Waterford, Ont., by Dr. Duncombe and Mr. R. Shannon.
The milling firm of Vassal & Niquette, Grantham, Que., has been succeeded by H. Vassal.
A joint stock company is being formed at Birtle, Man., for the purpose of erecting a flour mill.
J. M. Lowrie, grain dealer, Birtle, Man., will erect an elevator of twenty thousand bushels capacity there.