

THE
TORONTO LIGHT BINDER
 Light and Simple,
 Strong and Efficient.

These Machines are made of two sizes, to cut 5 and 6 feet and fitted complete with Sheaf Carrier Attachment; will pass through 10 and 12 feet gateways.

By the introduction of this Machine, the worry, care and anxiety, delays, breakages, loss and labor of the harvest field vanish forever.

Before placing your orders examine the Toronto thoroughly.

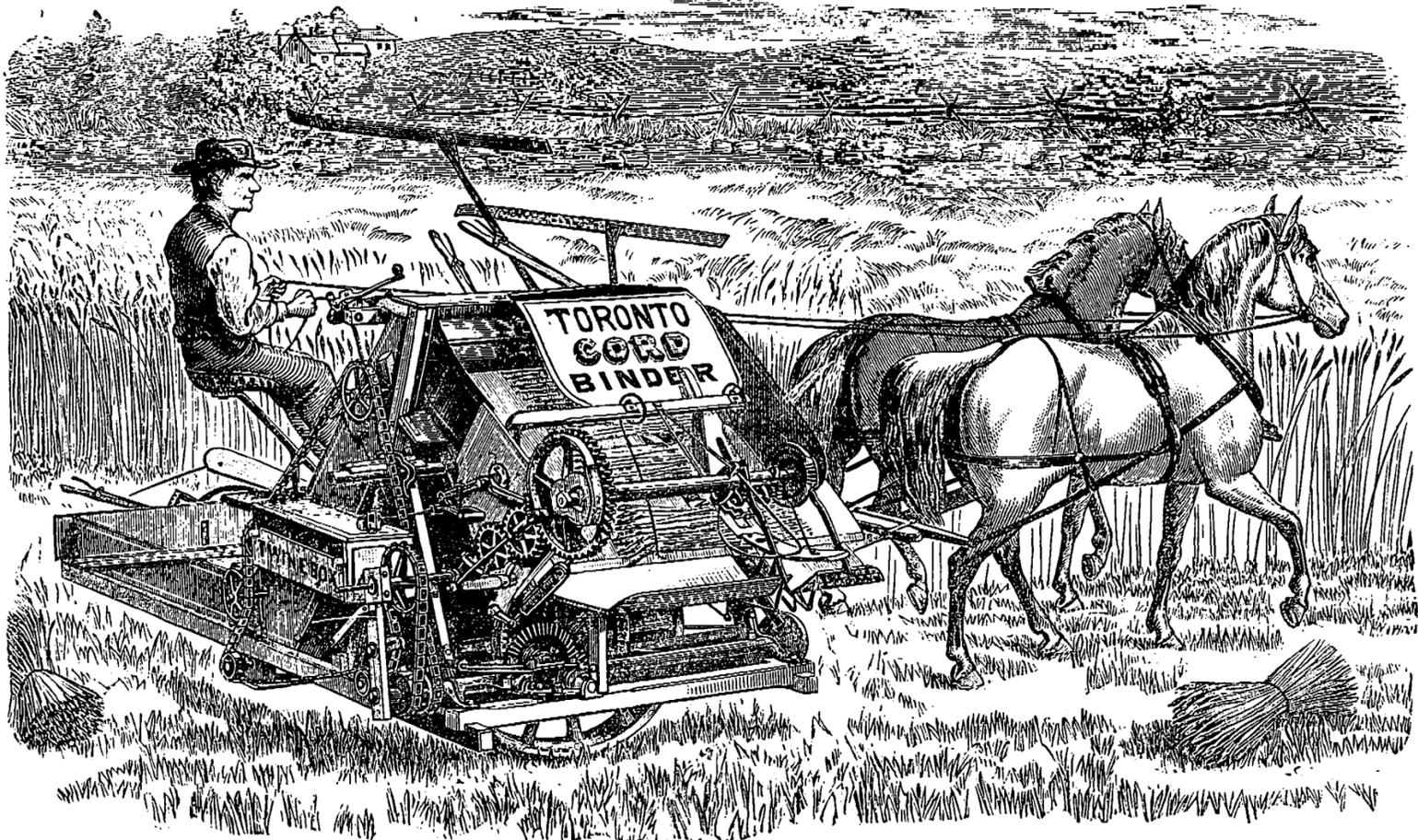
A Splendid Machine.

Recently a number of gentlemen were invited by Mr. J. Bernie, to witness the working of a Toronto Elevator Cord Binder, made by the Massey Manufacturing Company, which was cutting wheat in a large field belonging to Mr. John Stagg at the north end of the farm. The machine is known as the Toronto Elevated Cord Binder, and was driven by Mr. William Rogers. The machine has been in his possession for a long time and has done splendid work, giving the best of satisfaction.

He has cut this season some 96 acres of grain and in every case the machine gives perfect satisfaction, not only to Mr. Rogers, but to his patrons. When the word go was given the three horses attached to the Binder walked off at a lively pace, and the sheaves started to drop out at the side at the rate of twenty-five a minute. The grain was badly lodged in some places, but the levers by which the driver controls the movements of the machine enabled him to raise and lower the knife when desired and thus overcome this difficulty with ease. The great quantity of rain during the past season has caused the undergrowth of grass to be very luxuriant, and to give a great deal of trouble to some reapers by choking, etc. None of this was observable in the Toronto. This very desirable effect is caused by a new and simple trip that throws the binding mechanism into gear just at the right time. By the use of this device the size of the sheaf is graduated according to its weight, a much more desirable way than by bulk. The field in which the Binder was working was not very level, but the roughness did not make any appreciable difference in the work of the ma-

DID you ever watch a dog gape? For thoroughness and entire absence of affectation and mock shame-facedness, there is nothing like it. When a dog gapes, he doesn't screw his face into all sorts of unnatural shapes in an endeavor to keep his mouth shut with his jaws wide open. Neither does he put his paw up to his face in an apologetic way, while gaping in ambush as it were. No, sir; when he gapes he is perfectly willing that the whole world shall come to the show. He braces himself firmly on his fore feet, stretches out his neck, depresses his head, and his jaws open with graceful moderation. At first it is but an exaggerated grin, but when the gape is apparently accomplished, the turns out his elbows, opens his jaws another forty-five degrees, swallows an imaginary bone by a sudden and convulsive movement, curls up his tongue like the petal of a tiger-lily, and shuts his jaws together with a snap. Then he assumes a grave and contented visage, as is eminently becoming to one who has performed a duty successfully and conscientiously.—*Boston Transcript.*

FREEZING PUMPS.—When a pump tube freezes solid, do not pour in hot water in the common way with the hope of thawing. The hot water will stay at the top, and that will be the end of it. But procure a lead tube, or any other kind of pipe, place the lower end directly on the ice in the pump, and with a funnel pour hot water in at the top. The weight of the water in the pipe will drive it hot against the ice, the pipe settling as fast as the ice melts, and the whole will be cleansed out in an incredibly short time.



The Toronto Cord Binder is fitted with an Angular Steel Cutter Bar.

A Good Machine.

Mr. Editor and Brother Farmers:

GENTLEMEN.—I have been patiently waiting for some years to see if the long heads of the Dominion would bring the self-binder reaping machines to perfection so that I could procure the best machine that could be made. As nothing new appeared in this locality during this untoward harvest I was determined to see a Self-Binder work in tangled grain, and at the eleventh hour of my harvest I applied to Mr. O. C. Wilson, of Seaforth, agent for the Toronto Cord Binder to procure for me one of those machines as quickly as possible, and I must say he did not neglect his instructions, but filled the order in the shortest possible notice. After thoroughly testing the machine, I must say that I never had anything in the shape of machinery that I liked so well or that gave me such good satisfaction, and I do not think that a machine was ever better tested on the continent of America. To say that the grain I cut with it was badly lodged would be but a faint description of its condition and it not only cut and gathered it clean but made excellent sheaves of it. I have, therefore, very great pleasure in recommending the Toronto Cord Binder to any who may be inclined to purchase. In fact I can not find language in which to express the unbounded satisfaction the machine gave me in every particular. It did its work powerfully and expeditiously and without any breakage or mishaps.—*GEO. SPROAT, Tuckersmith. — Huron Expositor, Sept. 21st, 1883.*

AN interesting article on the manufacture of malleable iron will be found on page 5.

chine, which cut a swath fully six feet in width, shaving the stubble as close as desired. The Binder is easily adjusted to any length of grain, having a range or sliding rod fifteen inches in length, and the sheaves are very neatly and evenly bound. The adjuster is directly under the control of the driver. From fifteen to twenty acres a day is the average capacity of the Binder. Other advantages possessed by the Toronto Self-Binder are a relief rake at the heel of the knife which feeds all the grain that gathers there into the elevator, and keeps that place free from everything. The elevator belts are good and wide with the wooden slats securely riveted on, and having the belt bearings kept taut at all times and in all seasons by means of coiled springs. This, we think, is a very desirable feature. The knife has a six inch stroke and is driven from the heel entirely. In fact all the improvements that a long experience and first-class talent can suggest are embodied in the Massey machine, which is built of the best material, and well deserves the attention of the farmers. Besides being the strongest and most desirable, it is the lightest elevator Binder built.—*Brockville Weekly Times, August 31, 1883.*

Now, don't make the mistake so many fall into, by waiting until the last moment before ordering their machines. You will gain nothing by waiting, and run the risk of being unable to get what you want. Order at once and save annoyance and confusion both to manufacturer and purchaser, and become well acquainted with your machine before you require to use it.

1884 is the fourth year for the Toronto Cord Binder.

The following gentlemen in the vicinity of Uxbridge are purchasers of the Toronto Cord Binder and used them during the harvest of 1883.

UXBRIDGE P.O., Reach Tp., Jan. 14th, 1884.

The Massey Mfg. Co., Toronto:

GENTLEMEN,—We cannot allow this winter to pass without notifying you of our success with the Toronto Cord Binder we purchased through your agent, John Galloway, of Uxbridge (who, by the way, we must say, is in every way reliable and trustworthy). We have cut and bound over one hundred acres of grain, some very short and some very long, and lodged and tangled very badly, and we must say that it worked to our entire satisfaction, cutting a level swath, doing a perfect job, and causing no more trouble than an ordinary Reaper; had no stops and no breaks. We also cut a field of twelve acres on a side hill which we believe has at least 400 stumps, and besides doing a first-class job, and drew as easily with three horses as any ordinary Harvester with two. Consequently we feel it our duty to give it our unqualified recommendation, believing it to be the best in the market, to which the neighbors will testify.

We are, yours, etc.,

N. DURE, SR., N. DURE, JR., J. DURE, F. DURE.

The following gentlemen, purchasers of the Toronto Cord Binder in 1883, also add their testimony in favor of this Machine:

F. ELLIOT, J. BELL, JAS. GREGG,
 J. ELLIOT, JR., T. ALLAN, H. C. BRENT,
 W. & J. PAGE, A. KINSEY, D. ROSS,
 JOS. BARTON.