



MASSEY'S

ILLUSTRATED

A JOURNAL OF HARVESTING MACHINERY

The Massey Manufacturing Co. }

TORONTO, JULY, 1883.

{ No. 3.

WIT.

A man advertised for a "helpmate who shall be a companion of my heart, my head, my lot." A candidate for the situation wrote, "I don't care to know anything about your head or heart, but how big is your lot?"

Distinguishing trait of animal spirits: A horse laugh.

A restaurant advertises its sausages as "unapproachable," just as if one were going to like sausages they couldn't get right close to.

A Russian proverb says: "Before going to war pray once, before going to sea pray twice, before getting married pray three times."

What is the difference between a seal-skin hat and a vivid imagination? Why, one is a fancy fur tile, and the other is a fertile fancy.

A bald-headed man, who has heard that the hairs of a man's head are numbered, wants to know if there is not some place where he can obtain the back numbers.

A young man while brushing his teeth last week lost his hold on the tooth brush and swallowed it. The next time he will brush his teeth with a shoe brush, and tie a float to the handle of it.

The latest American invention is a chair capable of 180 different positions. It is intended to satisfy a man with a boil below the back of his neck that there's no comfortable position for him.

"I can never, never express my love for you," he said in a burst of emotion as his arm tightened about her waist, and she helped him out of the difficulty in a breath of girlish intuition by suggesting that he could "send it all by mail for three cents."

She was asked what she thought of one of her neighbors by the name of Jones, and with a knowing look, replied: "Why, I don't like to say anything about my neighbors, but as to Mr. Jones, sometimes I think, and then again I don't know, but after all, I rather guess he'll turn out to be a good deal such a sort of a man as I take him to be."

The reaping machine came into practical use about the year 1853, and the self-binder made its first good record in 1880.

Twelve hundred head of sheep sold in England lately for \$15,000, the highest price on record at a large sale.

WISDOM.

The wisdom of purchasing from the Massey Manufacturing Company has been verified by thousands of customers scattered over this Dominion. Note the quality of our products and buy from the old established house, The Massey Manufacturing Company.

Grasses and clover do best on a rather firm soil having a fine surface.

The best fire-escape is when your wife gets up in the morning and makes it.

You may know mock modesty as you do mock turtle, from its being the product of a calf's head.

It is not merely the individual but society that suffers by every idle, every selfish, every mean, every unjust man.

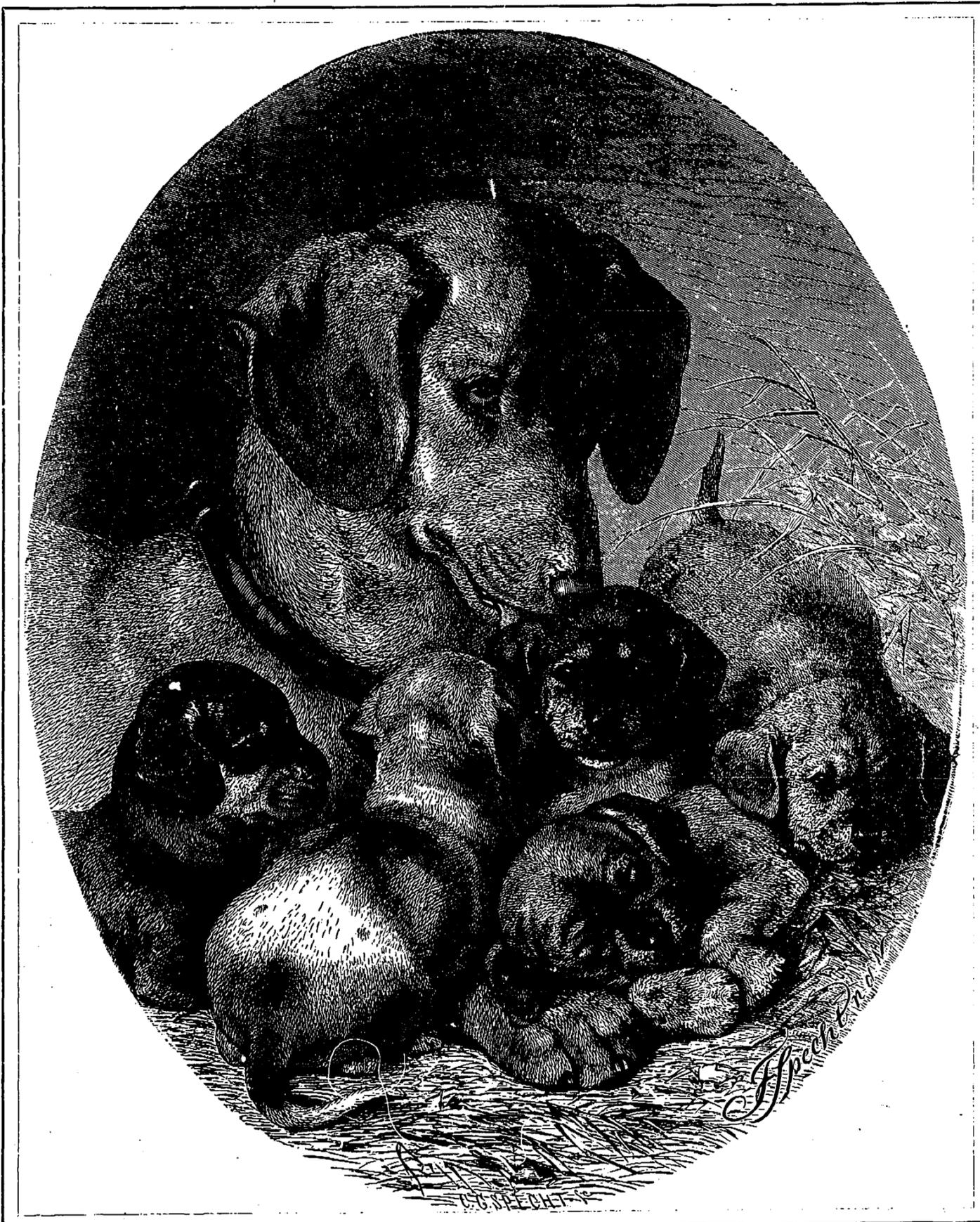
The guards on the Massey Mower are made of malleable iron, and contain hardened steel plates which may be easily removed and replaced at a small cost when worn out.

A recent dictate of fashion is important to all married men. It is that small checks will be *en vogue* for spring and summer silk dresses. It generally takes such large checks.

It is not wisdom to allow the harvest-time to come and find you without a machine. Get one now while you are sure of it, and become thoroughly acquainted with it before the time you want to use it.

A Connecticut man has invented a machine for counting money. Editors have long felt the want of some such labor-saving machinery; and now if the Connecticut man will put an attachment on his machine to enable a man to get money as fast as it will count it, he can sell the machine for seven dollars and a half.

Weeds need constantly to be looked after and taken by the foretop. Remember that every weed that is allowed to go to seed this year will be replaced by hundreds and thousands next year. "One year's seeding" of weeds is said to produce "fifteen years of weeding," and it is not far from the truth."



A HAPPY FAMILY.

"Father," said Johnny Fizzletop, "can't you spare money enough to get me a gun?" "My son, when I can spare a boy I will get you a gun."

TWO OF A FAMILY!

THE TORONTO
—AND—
MASSEY MOWERS

Acknowledged the Best,
Most Simple and Most
Durable Mowers
in Canada.

3,000 Now Built for 1883.

These machines are so well known throughout the Dominion of Canada—from Prince Edward Island on the East, to Vancouver and British Columbia on the West—that having published a full description of them in our former issues, and as the proof of the pudding is in eating it, we allow some of our customers to speak in their behalf on this occasion, and to their valued testimony we call your special attention.

Cut 100 Acres Last Season.

WILLIAMSFORD, April 16th, 1883.

Massey Manufacturing Co.:

GENTLEMEN,—The Toronto Mower I purchased from your agent, Thomas Williscroft, last season is far better than I expected. I have cut with it 100 acres, consisting of peas, oats, barley, millet and hay. I can safely recommend it to all farmers wanting a first-class Mower.

WILLIAM EDMUNDS.

KINLOSS, Langside P.O., Ont., Feb., 1883.

The Massey Manufacturing Co., Toronto:

GENTS.—The Toronto Mower I purchased from your agent, E. McKenzie, is the best I ever saw used. I cut over rough and smooth land and found it to be just what your agent said, easily handled and light in draft—the champion of Mowers. I am well pleased with it. Any one purchasing the Toronto Mower will do well; I would recommend it to any one wanting a Mower.

Yours truly, JOSEPH WADLE.

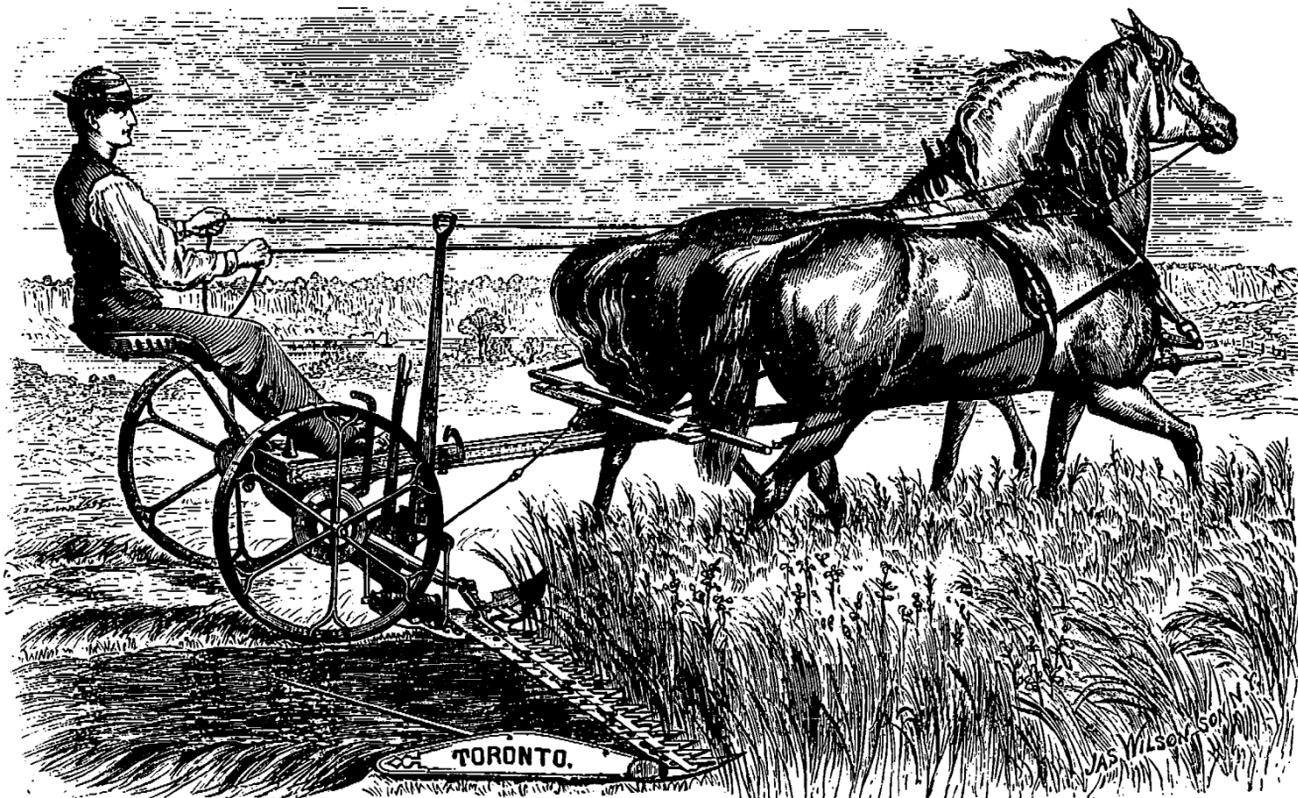
GLENELY, Sept. 6th, 1882.

Thos. Williscroft, Esq.

Agent Massey Manufacturing Co.:

DEAR SIR,—I am glad to be able to state that we have had no breaks in the Mower we got from you. It does its work well and gives good satisfaction.

Yours truly, GEORGE LEDINGHAM.
Dornock P.O.



THE TORONTO MOWER.

"Why are so many Horses Cross and Snappish."

"Why? Because the fools are not all dead yet."
"Horses hate to be 'pecked' at. Some men are afraid of horses, and animals know it; they despise 'em, and are cross only to those who have no business with them. But horses are made cross by the way they are treated. If they have kind usage they become gentle; if rough they respond in the same way.

"I have become so well versed in horses that I can read their thoughts, and when I am in their company I know very quickly just what they think of me."

"You recognize, then, the reasoning power in horses?"
"Most decidedly, sir. When I select a horse for my school I pick out those that exhibit wit. I go a good deal by the formation of the head and the brightness of the eye. Horses have ambition and show it in their make-up. When I put the horse in the school I begin by finding out the disposition. Then they go into a kindergarten and learn the simplest things first."—*Boston Globe*.

FOR a home-made disinfectant dissolve a bushel of salt in a barrel of water, and with the salt water slack a barrel of lime, which should be wet enough to form a kind of paste. For the purpose of a disinfectant this home-made chloride of lime is nearly as good as that purchased at the shops. Use it freely about sinks, cellars, gutters and out-houses, and in this way prevent sickness, suffering and expense.—*Christian Advocate*, Buffalo.

Considers Himself Fortunate.

CULROSS, Teeswater P.O., March 6, 1883.

The Massey Manufacturing Co.:

I consider myself very fortunate in procuring one of your Massey Mowers from your agent, E. Mackenzie. I have cut over some very rough ground with it and must confess that the Mower satisfied me. The draft is very light—no side-draft whatever—and the tilting apparatus is the most convenient I ever saw. I would also give testimony in favor of the Massey Harvester, which has given me entire satisfaction. It excels all the machines I have ever tried. My fall wheat was very heavy last harvest and in every shape but standing straight, but the Massey Harvester did its work complete.

I will recommend the Massey Mower and Harvester to all wanting machines.

Yours truly, GEORGE MCDANIEL.

Two Seasons Use.

OXFORD, Feb. 15, 1883.

The Massey Manufacturing Co., Toronto:

GENTLEMEN,—I have used the Massey Mower for two seasons, the Sharp's Rake and Massey Harvester the last season, and may say they have given me general satisfaction.

HENRY CROWDER.

Nine billion pins were sold in the country last year, and the young man that got his arm entangled around a young girls waist swears he knows where they all went to.

ROXTON FALLS, QUE.,
Dec. 1st, 1882.

Wm. McEvilla, Esq.:

Agt. Massey Mfg. Co.,

DEAR SIR,—It gives me great pleasure to recommend the Toronto Mower which I bought of you last summer. It has done all you said it would. As for mowing around stones and stumps I had no trouble with it the first time I ran it. I should say that all those who are about buying a machine can find none more suitable than the Toronto Mower.

Yours respectfully,
F. RACINE.

COLDWATER, ONT.,
April 14th, 1883.

Massey Mfg. Co.:

I beg to testify to the excellence of the Massey Mower your agent, Mr. Manning, sold me last year. Having given it a thorough test I find it the best I have ever used or seen. I feel great pleasure in recommending it to farmers.

GEORGE DURNFORD.



THE MASSEY MOWER.

THE MASSEY HARVESTER

Has twice the sale of any other
Reaper in Canada.

2,000 BEING BUILT FOR 1883.

Has no Side Draft,
Cuts a swath of five feet,
Weighs 800 pounds,
Is easily operated,
Has no equal,

**AND IS JUSTLY CALLED
THE QUEEN OF HARVESTERS!**

1883 is the sixth season for the Massey Harvester. This machine weighs about 800 pounds, and is a medium between the heavy, cumbersome machines and those of a light and flimsy texture.

The main frame is of wrought iron, of a single piece, surrounding the main driving wheel.

The gearing is neatly encased, to shield it from dirt and obstructions.

"Nigger Mighty Happy."

PLANTATION SONG.

Hog start a-runnin' when de overseer callin';
Whipperwill holler when de jew-drops fallin';
Duck keep a-quackin' when de hard rain po'in';
Crow flock togedder when de young corn growin';
Pig gwine to squeal when de milk-maid churnin';
Nigger mighty happy when the blackberries turnin'!

Squ'el go to jumpin' when de scaly-barks comin';
Bee-martin sail when de honey-bee hummin';
Lean horse nicker when de punkin-vine spreadin';
Rabbit back his ear when de cabbage-stalk headin';
Rooster start a-crowin' when de broad day breakin';
Nigger mighty happy when de hoe-cake bakin'?

Big fish flutter when he done cotch de cricket;
Bullfrog libely when he singin' in de thicket;
Mule git slicker when de plantin'-time over;
Colt mighty ga'ly when you turn him in de clover;
An' it come mighty handy to de nigger man nater
When he soppin' in de gravy wid a big yam 'tater!

Black-snake waitin' while de old hen hatchin';
Sparrer-hawk lookin' while de little chicken scratchin';
Big owl jolly when de little bird singin';
'Possum gwine to clam whar de ripe 'simmons swingin';
Nigger mighty happy—of he aint wuf a dollar,—
When he startin' out co'tin' wid a tall stan'in' collar!

J. A. Macon, in *The Century Bric-a-Brac*.

Repairs are kept on hand at all our Agencies.

Thirty cents worth of velvet, three cents worth of wire and forty cents worth of feathers can be stirred up and sold for \$25.

A SOUTHERN SCARECROW.



"Hi! thar, you budhads, doan you spile dem water-millions!"

UNAPPROACHED AND UNAPPROACHABLE.



POPULARITY IMMENSE,
DEMAND NEVER SUPPLIED.

THE MASSEY HARVESTER.

The pitman is placed on a straight line with the knife, which economises power and prevents the possibility of breaking knife heels, and avoids unnecessary strain upon the gearing.

The rake is driven directly from the master wheel by a universal joint connection, which imparts a very uniform, easy, and positive motion to the rakes. The operator can raise or lower the height of cut while the machine is in motion.

The driver has complete control of the machine without leaving the seat.

It is immense in saving lodged, tangled, or heavy grain.

Verdict—A True Bill in Favor of

PITTSBURGH TP., Co. Frontenac, Sept. 15, '82.

I purchased a Massey Harvester this year which proved to be a perfect satisfaction. I cut 180 bushels sown of grain with it, and think that there is no machine made that works so well, so light on team, and so easily managed, together with its strength—it is a gem.

(Signed,) ROBERT H. PATTERSON.

An English paper says that it costs as much to carry a bushel of wheat twelve miles on a turnpike in England as across 3,000 miles of ocean from an American seaport.

This picture is a good representation of a Twine Bound Sheaf, tied with the Toronto Cord Binder. No unnecessary compression is used, not a straw broken or a head of grain wasted. The bundles can be handled with safety and no danger of them coming untied when stacking. The bands offer no obstacles when threshing the grain, and no injury is done the stock by feeding upon the straw, as is the case when wire is used for tying the bundles.

Testimony from North Simcoe.

COLDWATER, April 14th, 1882.

The Massey Manufacturing Co.:

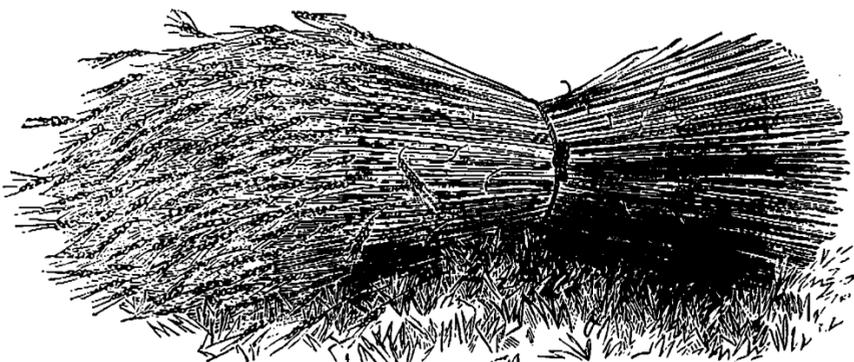
Your agent, Mr. W. H. Manning, having sold each of us one of your Massey Harvesters, with which we are extremely well pleased, being satisfied they are far the best in the market, are desirous of giving our testimony in favor of their superior qualities.

We have worked them in both lodged and standing grain, on hillsides as well as on level ground, finding they do their work on both equally well. They are easily managed, also very light in draught, combined with great strength and durability.

We can confidently recommend them to any farmer.

- H. L. LOVERING,
- THOS. LOVERING,
- ALFRED MOON,
- ALEX. MILLER,
- JOHN DUNLOP.

If you intend to purchase Harvesting Machinery this year, and wish to purchase the best, place your order with us or our Agent at once, to avoid disappointment. Remember we had 1,500 orders that we could not fill last year, although we built over 9,000 Machines and Rakes.



Wheat Sheaf bound with Twine by the Toronto and Massey Low Down Binder.

SHARP'S RAKE THE SHARP'S RAKE.

HAS NO SUPERIOR!
HAS NO EQUAL!!

Has twice the sale of any Rake
in Canada.

18,000 Made and Sold since 1874.

4,200 Being Made for 1883.

MADE ONLY BY

THE MASSEY MANUFACTURING CO.

AND SOLD UPON THE TERMS:

"NO EQUAL OR NO SALE."

It has 24 Steel Teeth.

The Teeth are all oil tempered.

The Teeth are all made in our own Factory.

The Teeth are all put to a 22 and 24 inch test.

The Spokes are of the very best hickory.

The Spokes are made in our own Factory.

It is built with special tools.

It is built of the best material.

It is very light in draft.

It is very strong and durable.

It is admitted to be the best.

It is easily held down to form any sized win-
row desired by the operator.

Run Away With.

Theory and practice do not always agree—a fact which a good-natured but rather unpractical country clergyman once found to his cost. His youngest son, whom he was educating at an agricultural college, came home at the first vacation, eager to display his newly acquired knowledge.

On the afternoon of his return, his father chanced to speak of a kicking cow that troubled him.

"Oh," said the son, confidently, "I can soon stop that. We learn all those things at college."

"Well, my boy," replied the father, "there's no time like the present. It's just about milking-time; suppose you try it now?" and he led the way to the barn. For the convenience of the operator, the animal was led out and tied to a tree.

"Now," said Sam, the son, "it's very simple. All you've got to do is to put a weight on her back and then she can't kick. Don't you see?"

"H-m! I'll see later. But we'll try it," answered the clergyman.

"What shall we use for a weight?" said Sam. "Look here! I'll make a weight of myself, and you can milk." And so saying he mounted the cow's back.

For a moment the animal seemed too much surprised to move. The minister began to milk, and then up went her heels and Sam found himself on his back.

"A striking, but not exactly a successful illustration," dryly remarked the father.

"The theory's all right," persisted Sam, ruefully rub-

4,200 Being Made for 1883.



SHARP'S HORSE RAKE.

18,000 Made and Sold since 1874.

It Takes a Woman to Get Even.

On a Lake Shore train coming into Detroit the other day was a newly-married couple, the bride appearing to be about twenty-five years old, and the groom being a dapper little chap a year or two younger. A lady who came aboard at Wyandotte took a seat just ahead, and after a few minutes she heard the pair criticising her bonnet and cloak and general style. Without showing the least resentment in her countenance, she turned around in her seat and said:

"Madam, will you have your son close the window behind you?"

The "son" closed his mouth instead, and the "madam" didn't giggle again for sixteen miles.

The Massey Manufacturing Company pay for wages about fifteen thousand dollars per month.

MASSEY, Co. Grey, April 16th, 1883.

Massey Manufacturing Co.:

GENTLEMEN,—I bought one of your Sharp's Rakes last season from your agent, Thos. Williscroft. I raked over forty acres, and thirty acres was new land, and did not break any part of it. I can safely recommend it to the public in this country.

MATHEW CEASER.

It is both a self and hand Dump Rake.

It is easily operated by a child capable of driving a horse.

It is adjusted for all varieties of crops and surface.

It rakes a swath of eight feet.

It has no equal.

It has twice the sale of any Rake in Canada.

It is sold upon the terms, "No Equal or no Sale."

Once Again.

Mr. German after speaking in highest terms of the Massey Harvester sends us the following unqualified testimony in favor of the Sharp's Rake:—

I may also state I purchased one of your Sharp's Horse Rakes two years ago, and it is *the Rake*. It has not cost me one cent for repairs, and it is as good to-day as when I got it. My little boy of 13 years does all the work with it on my farm of 200 acres; two years ago he cut or raked out 35 acres of peas with the Sharp's Rake. In my opinion it is the best and most durable Rake in the market.

Yours, etc., A. B. GERMAN.

BRICKLEY, Jan. 8, 1883.

bing his back; "the trouble is, I ain't heavy enough. Now if you'll just get on, I'll warrant it'll be all right."

"H'm! perhaps," answered his father, with a glance at his own portly form.

"There is some difference in weight. Don't know but I'll try it, but mind I don't mean to risk a tumble. Get that rope by the door there and tie my feet underneath. Then let her kick if she can!"

The good clergyman was soon mounted and after a little difficulty securely tied. Sam attempted to milk. At his first touch up went the cow's heels again. This followed again and again.

"Sam!" exclaimed his father, "I can't stand this—cut the rope!" Sam whipped out his knife, but in his confusion cut loose—not his father, but the cow!

The animal, thoroughly frightened, ran frantically through the open gate out into the road toward the village, with the elder clinging to her for dear life. The people stared, almost mute with surprise, as they saw their pastor racing through the town on a cow's back.

"Why, par—parson! Where—where *be* you goin'?" stammered an amazed deacon. "The Lord and this cow only know!" came faintly back as onward his cow rushed.

Fortunately some farmers coming along, took in "the situation," and after some effort succeeded in stopping the cow, and the poor minister was released more dead than alive. For a long time the parson refused to listen to "any more college notions," and Sam feared he might lose the remainder of his college course. But his father wisely concluded that if "a little knowledge was a dangerous thing," the best remedy was a larger dose.

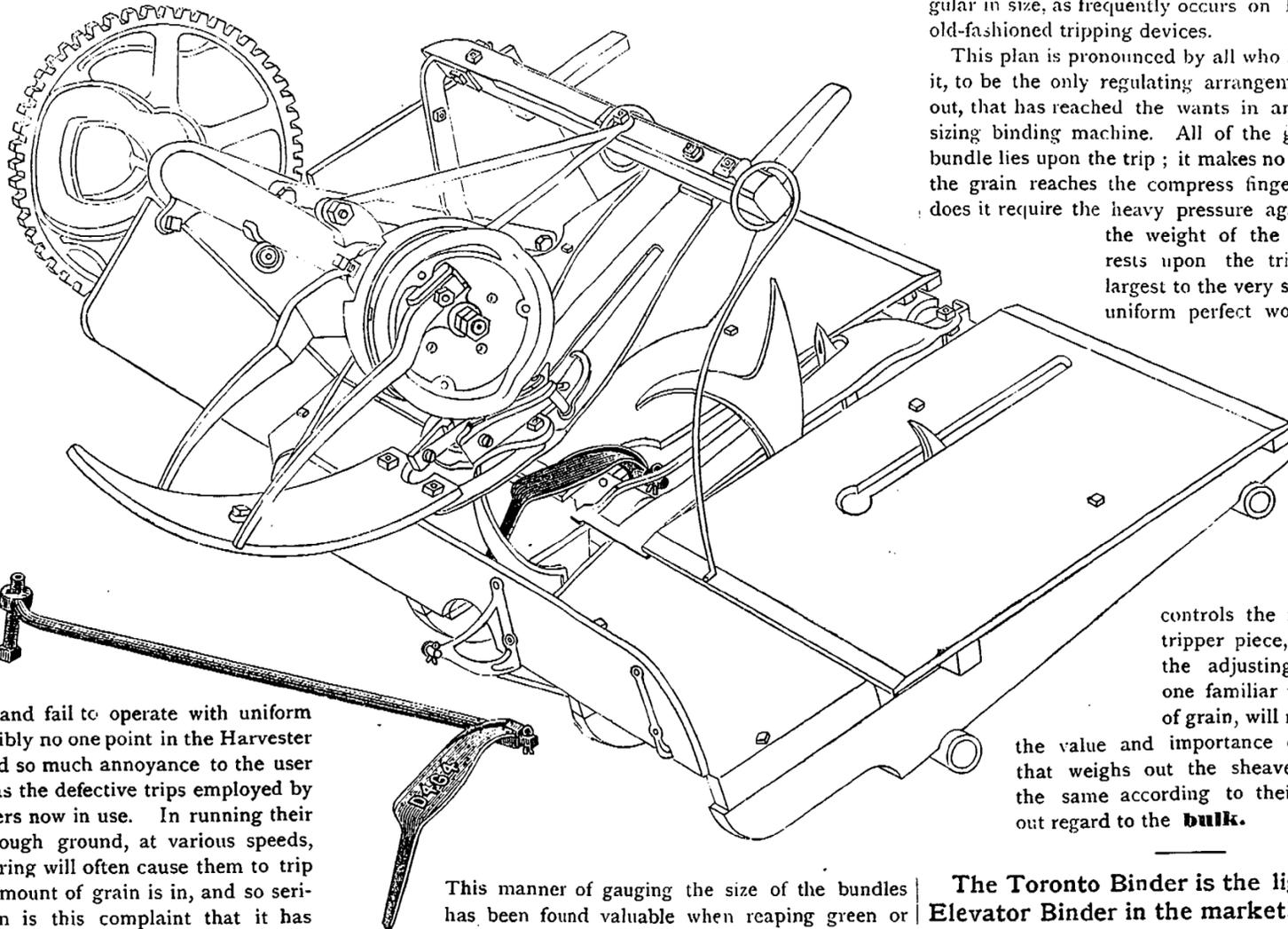
OUR NEW PATENT BINDING TRIP

For Starting the Binding Mechanism on the Toronto Elevator Binder.

The only perfect Trip in use—Easily adjusted—Weight not Bulk decides the size of Sheaf.

READ ITS MANY ADVANTAGES.

ONE of the most serious difficulties encountered by the inventors of grain binding machinery has been that of creating some reliable, simple and effectual method of setting off the binding machinery, when a sufficient quantity of grain had been deposited in the receptacle to make a proper sized bundle. Many plans to accomplish this have been and are in use today, but all of them are more or less uncertain and fail to operate with uniform regularity. Possibly no one point in the Harvester Binder has caused so much annoyance to the user of the machine as the defective trips employed by the various Binders now in use. In running their machines over rough ground, at various speeds, the jolting or jarring will often cause them to trip before a proper amount of grain is in, and so serious and common is this complaint that it has



largely operated against a general introduction of Harvester Binders.

The new tripping device used on our Binders operates upon the correct principle of **weighing** the bundle, rather than depending upon its bulk to size it. That is, the accumulation of grain as deposited **on the trip** starts the binding mechanism into operation for tying the sheaf. No grain can be delivered on this plate or trip without its being accurately weighed, and when a sufficient amount is placed thereon, the weight of the grain depresses the plate until it trips the binder into operation.

wet grain, as it is desirable to bind it into smaller sheaves, and as the action of this automatic trip depends upon the weight of the grain, it naturally sets off and binds a smaller bundle of grain in such conditions, than a machine that depends upon bulk to form the sheaf.

This device is exceedingly simple and reliable; the entire mechanism consists of only three plain, small metal parts, as shown in the drawings on this page. The regulation of the size of the bundle is so perfect that while very sensitive, in setting off, as to the size desired there is no liability whatever of the bundles being irregular in size, as frequently occurs on Binders using the old-fashioned tripping devices.

This plan is pronounced by all who have seen or tried it, to be the only regulating arrangement ever brought out, that has reached the wants in an automatic grain sizing binding machine. All of the grain to form the bundle lies upon the trip; it makes no difference whether the grain reaches the compress finger or not: neither does it require the heavy pressure against the packer; the weight of the grain in all cases rests upon the trip, and from the largest to the very smallest sheaf, the uniform perfect working of the machine will be observed.

The operator may adjust it very quickly, from the largest to the very smallest size, either by the set screw which

controls the movement of the tripper piece, or by the use of the adjusting spring. Every one familiar with the handling of grain, will readily understand

the value and importance of an instrument that weighs out the sheaves and regulates the same according to their **weight**, without regard to the **bulk**.

This manner of gauging the size of the bundles has been found valuable when reaping green or

The Toronto Binder is the lightest weight Elevator Binder in the market.

Mr. J. C. Dance testifies in favour of the Toronto Binder.

KINGSMILL, May 3rd, 1883.

To the Massey Manufacturing Co.:

DEAR SIRS,—I send you this respecting the Binder I purchased from you last season, and take pleasure in saying that, after taking off a harvest of over 200 acres, most of which was cut with the Binder, that I was well pleased with it, as it does everything any reasonable man can expect of such a machine. Most of my grain was as badly lodged and tangled as any I ever saw, especially 60 acres of wheat which averaged 1,000 sheaves to the acre.

Being one of the first to purchase a Binder, I have been particularly interested in their progress as an agricultural implement, and I believe the time is near at hand when binding by hand will be a thing of the past.

Yours, etc.,

J. C. DANCE,
Kingsmill P. O.

The Toronto Binder has not any shaky rocker pitman connection under the platform as on other machines.

AN Irish officer had the misfortune to be dreadfully wounded in one of the battles in Holland. As he lay on the ground, an unfortunate soldier who was near him, and was also severely wounded, made a terrible howling, when the officer exclaimed: "Hold yer row, will ye? Do you think there is nobody killed but yourself?"

The Massey Manufacturing Company have built more Reapers, Mowers, Binders, and Hay Rakes than any other Manufacturers in Canada.

"So you have got twins at your house," said Mrs. Bezumbe to little Tommy Samuelson. "Yes, ma'am, two of 'em." "What are you going to call them?" "Thunder and Lightning." "Why, those are strange names to call children." "Well, that's what pa called them as soon as he heard they were in the house."

OUR RAKE PYRAMID

1874	350	1874
1875	1,000	1875
1876	1,200	1876
1877	1,500	1877
1878	2,000	1878
1879	2,150	1879
1880	3,000	1880
1881	3,200	1881
1882	4,000	1882
1883	4,200	1883
TOTAL		22,600

22,600 Sharp's Horse Rakes made by the Massey Manufacturing Co. since 1874. See the increase each year and consider the cause.

NOTE.—For several years prior to the year 1875 we also manufactured another style of Horse Rake which we subsequently discarded, finding Sharp's rake so much superior.

A VOICE FROM 29 FARMERS.

DRAYTON, Jan. 6, 1883.

The Massey Manufacturing Co., Toronto:

GENTLEMEN,—Please find the following names of farmers that bought machines from me last season. They all told me to tell you to give in these testimonials the best recommend of your machinery you ever printed.

Yours truly,

JAMES GREGORY.

Township of Peel, County of Wellington.--

- James Lowes, Massey Harvester, Massey Mower and Sharp's Rake, Con. 13, Lot 4.
- Henry O. Gillie, Massey Harvester, Con. 14, Lot 1.
- Charles H. Lowes, Massey Mower, Con. 13, Lot 5.
- Samuel Johnston, Sharp's Rake, Con. 6, Lot 5.
- Dickinson Fletcher, Massey Harvester, Con. 7, Lot 1.
- George Powley, Sharp's Rake, Con. 6, Lot 4.
- Reuben Donner, Sharp's Rake, Con. 6, Lot 3.
- Robert Johnston, Massey Mower and Sharp's Rake, Con. 7, Lot 9.
- William Owens, Sharp's Rake, Con. 4, Lot 15.
- Charles Maynes, Sharp's Rake, Con. 9, Lot 15.
- Henry F. Studridge, Sharp's Rake, Con. 11, Lot 8.
- F. English, Sharp's Rake, Con. 12, Lot 9.
- William Daley, Sharp's Rake, Con. 13, Lot 3.
- John Bell, Massey Harvester and Sharp's Rake, Con. 14, Lot 16.
- James H. Whiteley, Massey Mower, Con. 9, Lot 1.
- William Blackwell, Massey Harvester, Con. 13, Lot 2.

Maryborough Township, County of Wellington.--

- Andrew Mitchell, and John Harrington, Con. 14, Lot 16.
- A. Kilpatrick, Massey Mower, Con. 15, Lot 9.
- A. Maxwell, Massey Mower, Con. 15, Lot 14.
- John Barry, Sharp's Rake, Con. 15, Lot 17.
- Wallace Farewell, Sharp's Rake, Con. 13, Lot 14.
- Ira Marshall, Massey Mower, Con. 12, Lot 16.
- Richard Walker, Massey Harvester, Con. 12, Lot 14.
- James E. Stephenson, Toronto Mower, Con. 12, Lot 13.
- John Fleming, Massey Mower, Con. 7, Lot 11.
- J. L. Snyder, Toronto Mower, Con. 10, Lot 12.
- John Booth, Toronto Mower and Sharp's Rake, Con. 9, Lot 9.
- C. Hendry, Massey Harvester, Con. 9, Lot 17.

"How old are you?" asked a conductor of a little girl trying to ride on half fare. "I'm twelve when I'm home, but pa says I'm only nine on the cars."

MASSEY'S ILLUSTRATED.

A Journal of Harvesting Machinery.



Massey's Illustrated will be mailed free to any one sending his address.

PUBLISHED BY

**THE MASSEY MANUFACTURING CO'Y,
TORONTO, ONTARIO.**

JULY, 1883.

FORTY THOUSAND copies of the April number of MASSEY'S ILLUSTRATED were issued, of which 10,000 were in the French language.

IF you want a Massey Machine you had better send in your order now. We are sending them out daily by car-loads.

OUR business in Manitoba alone now exceeds the amount of business done by us throughout the country four years ago.

BUY a Self-Binding Harvester and save your wife the trouble and labor of providing for so many hands at harvest time. Read what Mr. Haslett says about it.

1883 is the third year for the Toronto Cord Binder. It is steadily advancing in popularity. No Canadian Binder made so good a record in 1882.

A MONSTER cod-fish, weighing 100 pounds, was captured near Portland, Me., recently. It was 5 feet 5 in long, with girth of head 32 inches. There is no "fish story" about this.

THE old familiar cry that haunts us every spring has come to us again—cold winds, heavy frosts, wheat killed. Now just wait and see if it does not turn out better than you expect, and the results of harvest make you wonder at your doubt.

THE past session of the Ontario Veterinary College of this city, has been the most successful one in its history. There were 150 students in attendance, the graduates numbering 46. Large numbers came from the United States to gain the benefits of this institution.

OUR American cousins have honored our Queen this year on two memorable occasions—that of the opening of the great Suspension Bridge between New York and Brooklyn, and the opening of the Railway Exposition, Chicago, both of which occurred May 24th.

THE fastest time ever made by railway train on this continent was accomplished a few days since by the Vanderbilt train running from Essex Centre to Niagara Junction, a distance of 212 miles in 206 minutes. It is a matter of some interest to our readers to know that this remarkable record was made on Canadian soil.

A CITIZEN of Toronto having recently visited our Factory refers to the pleasure of his call in a letter, as follows: "I desire to express our hearty thanks for your kindness in permitting us to inspect your Workshops at large on Saturday last, and also for the civil manner in which we were treated by the employees. Although a resident of this city for many years, I was not aware of such an extensive manufacturing establishment being in operation. May prosperity attend you."

BEWARE!

The usual slanderous statements, false reports, and base methods resorted to on the part of some agents are still in operation, and we enter a bit of advice to the unwary purchaser. Remember the principal argument an unreliable salesman can give (when brought face to face with stubborn facts) is a lie. Our machines are too well known and their claims of merit too obvious to pass unnoticed by the farmer, and when a rival agent steps in (if he is a dishonest man) his strong effort is to prejudice the mind of the farmer against our machines, and in order to accomplish this nothing is too ridiculous or too untrue for him to say. Facts are stubborn things, and the fact of the popularity of our machines and the wisdom of our enterprises is a rock of difficulty for rival agents to overcome. All we ask is a fair trial, and when the ears of the farmer are filled with degrading statements about us or our machines let him enquire into the case for himself, examine our machines, ask those who have used them, and consult his neighbors. An honest agent busies himself in "talking up" the merits of the machines he represents, and not in running down other machines and other manufacturers. These lines are inserted that the credulous farmer may not be ensnared by the wiles of unscrupulous agents.

Testimony for the Toronto Cord Binder.

*Jarvis, Co. of Haldimand,
January 27th, 1883.*

The Massey Manufacturing Co.:

Gentlemen,—Having purchased one of your Toronto Harvester Cord Binder from your agent, Mr. Fullerton, I hereby testify that the machine has given entire satisfaction. I have cut and bound 100 acres with it and have not lost five minutes with anything going wrong with the machine. I believe it to be a very durable machine for the reason that it is very simple and runs with a slow motion, neither is it heavy in draught. In drawing in my grain I had not ten sheaves come loose. The way in which the reel and tilt work in lodged grain and on rough ground is complete. I guarantee to cut with my machine over as rough ground and in as lodged grain as any other machine and do as good work. I can cut and bind from ten to fourteen acres in ten hours. A farmer can save the cost of the cord in clean work, and board of the men it takes to bind his grain. I can recommend it to the farming community as being a profitable machine, as three of us can cut, bind and shock 100 acres in ten days of ten hours to the day, and the work is only exercise compared with the old style of binding.

*Yours truly,
ROBERT HASLETT,
Jarvis P.O.*

STICK A PIN HERE.

Chatham, April 4th, 1883.

MESSRS. STEPHENS & STRINGER,

Agts. The Massey Mfg. Co., Toronto:

GENTS.—About the Self-Binder which I bought of you last harvest I could not be better pleased with its work in every respect. I say positively when properly worked that it cannot be beat by any other Binder in the market. I cut and bound 120 acres of my heavy grain, and some of it was lodged in every shape, and it PICKED IT UP CLEAN AND BOUND IT IN GOOD SHAPE. There is no danger of it getting out of order. I did not break a single thing except two or three links which was my own fault. I would not be without it if I had not more than 30 acres of grain each year.

*Yours respectfully,
WM. H. SMITH,
Farmer, Kent Co., (Howard Tp.)*

Historic Points in the growth of the business of The Massey Manufacturing Co.

1847.—Business established at Newcastle by Daniel Massey, Esq., father of the President of the Company.

1852.—H. A. Massey, Esq., senior member of our present firm, made a partner in the business.

Commenced the manufacture of the **Ketchum Mower**, the first Mower turned out by our establishment, also the **Burrell Reaper**, the first reaping machine from our factory.

1855.—H. A. Massey, Esq., became *sole* proprietor of the business.

1857.—Began the manufacture of the **Manny Combined Reaper and Mower**.

1862.—First manufacture of the justly celebrated **Wood's Self-Rake Reaper**, the first successful **Self-Rake Reaper made in Canada**.

Introduction of the **Wood's Mower**.

1864.—Destruction by fire of the entire establishment of Mr. H. A. Massey at Newcastle.

1866.—A Mower and a Self-Rake Reaper were selected by a committee appointed by the Government and ordered from H. A. Massey to represent the manufactures of Canada at the great Paris Exposition held the following year.

1867.—First manufacture of a steel-tooth Wheel Rake, "The Ithaca," the first Horse Rake with automatic dump made in Canada.

1870.—Business incorporated into a joint stock company under the name of "The Massey Manufacturing Company," with H. A. Massey as President, and C. A. Massey Vice-President and Manager

1874.—Commenced to make the immensely popular **Sharp's Horse Rake**. See Rake Pyramid, page 5.

1876.—**Sharp's Rake** crowned with the highest honors at the Centennial Exhibition, Philadelphia.

1878.—Began the Manufacture of the celebrated **Massey Harvester**, the most extensively sold Reaper in the Dominion.

1879.—Completion of new and extensive buildings in Toronto, and

Removal of our entire establishment from Newcastle.

1881.—Purchase of the entire business and goodwill of the Toronto Reaper and Mower Company.

Enlargement of our Factory, including the addition of the **Knife and Bar Department**.

1882.—4,939 Reapers, Mowers and Binders, and 4,000 Horse Rakes our production for this year, the largest number ever made by any Canadian manufacturer in one season. General extension of our Works, and large outlay in tools and machinery.

THE TORONTO ELEVATOR BINDER Never chokes.

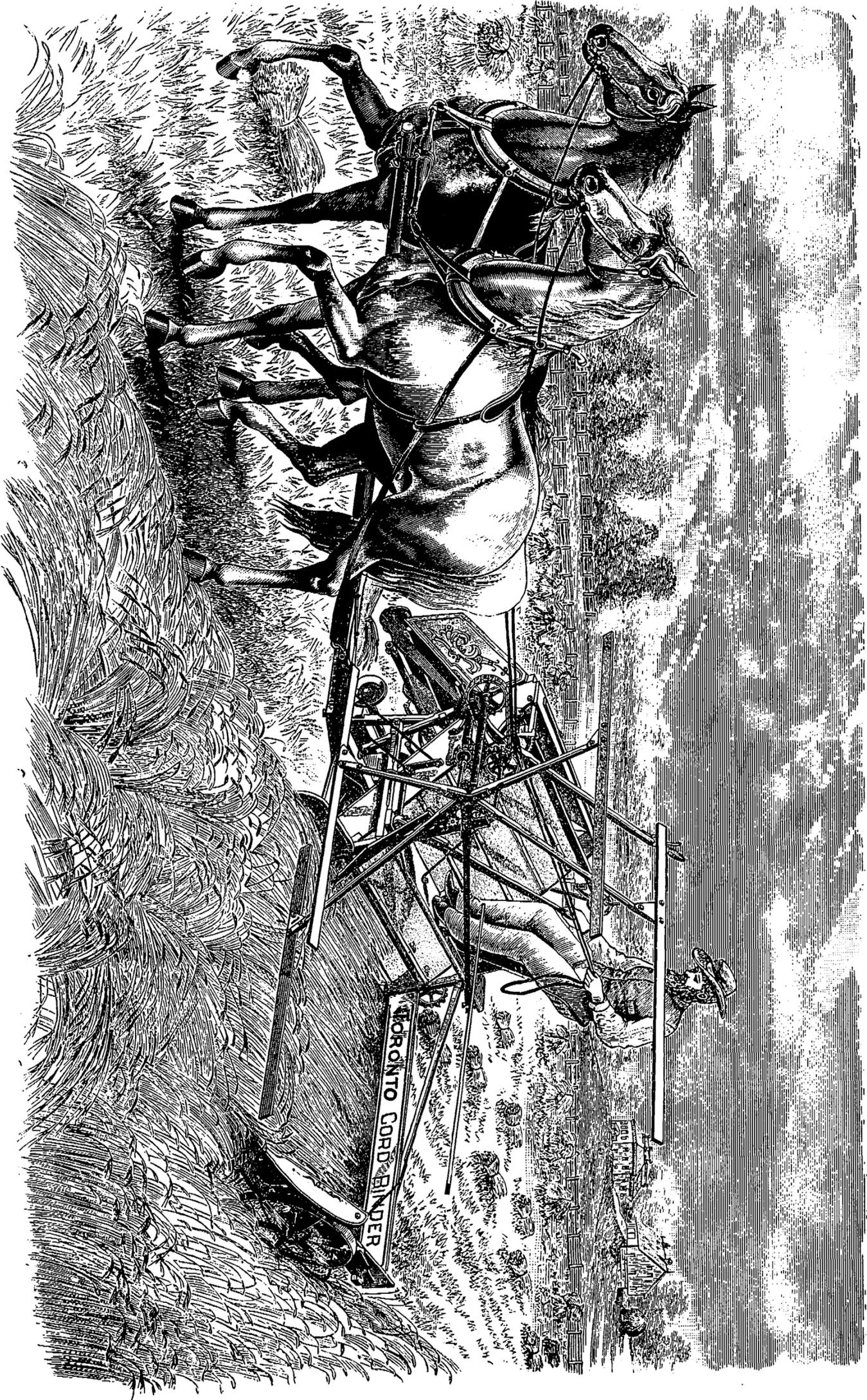
THE TORONTO ELEVATOR BINDER Is light in draft.

THE TORONTO ELEVATOR BINDER Is not an experiment but an acknowledged success.

THE TORONTO ELEVATOR BINDER Is of the most improved pattern.

THE TORONTO ELEVATOR BINDER Is the most simply constructed Elevator Binder in the market.

THE TORONTO ELEVATOR BINDER Has no weight on the horses' necks.



THE NEW IMPROVED TORONTO CORD BINDER.

1888.

THE TORONTO ELEVATOR BINDER Is built mostly of malleable iron, wrought iron and steel.
THE TORONTO ELEVATOR BINDER Has an angular steel cutter bar, the most expensive and best in use.
THE TORONTO ELEVATOR BINDER Will cut the shortest or longest grain, whether lodged or straight.

THE TORONTO ELEVATOR BINDER Is under complete control of the driver when on his seat.
THE TORONTO ELEVATOR BINDER Weighs the size of its sheaf and does not depend upon bulk.
THE TORONTO ELEVATOR BINDER Has the famous "Toronto" pitman connections.

THE TORONTO ELEVATOR BINDER Has no side draft.

THE TORONTO ELEVATOR BINDER Drives its knife from the front and has no rickety rocker pitman connection under the platform, as on other machines.

THE TORONTO ELEVATOR BINDER Is built with special tools.

THE TORONTO ELEVATOR BINDER Has the most improved lock gear.

THE TORONTO ELEVATOR BINDER Has great capacity.

THE TORONTO ELEVATOR BINDER cuts a swath of six feet.

THE TORONTO ELEVATOR BINDER Has the most improved trip device.

THE TORONTO ELEVATOR BINDER Has an adjustable reel.

The most complete list of Harvesting Machinery ever offered to the Canadian Farmer is made by the

Massey Manufacturing Co.,

FOR THE SEASON OF 1883.

THE MASSEY HARVESTER,

THE MASSEY MOWER,

THE TORONTO MOWER,

THE SHARP'S RAKE,

THE TORONTO CORD BINDER,

A Grand Total of 10,500 Machines and Rakes will be built by us this year.

How many Apples did Adam and Eve Eat?

How many apples did Adam and Eve eat? Some say Eve 8 and Adam 2, a total of 10 only. Others figure the thing out differently. Eve 8 and Adam 8 also; total 16. But if Eve 8 and Adam 82, certainly the total will be 90. Scientific men, however, on the strength of the theory that the antediluvians were a race of giants, reason something like this: Eve 81 and Adam 82, total 163. Wrong again. What could be clearer than if Eve 81 and Adam 812, the total was 893? Then if Eve 811st and Adam 812, would not the total be 1623? Perhaps, after all, the following is the true solution: Eve 814 Adam, Adam 8124 Eve; total, 8938. Still another calculation is possible: If Eve 814 Adam, Adam 81242 oblige Eve; total, 82056. Even this, however, may not be a sufficient quantity. For, though we admit that Eve 814 Adam, Adam when he 8181242 keep Eve company, total, 8,182,056. All wrong. Eve, when she 81812 many and probably felt sorry for it, and her companion, in order to relieve her grief, 812, therefore, Adam, if he 81814240fy Eve's depressed spirits, hence both ate 81,896,854 apples. —*Free Press.* Oh, pshaw! you mean that in Adam it was be942814240fy Eve, and it made Eve, when she 8126 as a dog. So between them they consumed, by those kind of mathematics, 942,822,366. Next!—*Siftings.*

On the whole, it is better to carry your hand in a sling than a sling in your stomach.

The journey of life is tiresome, and when a man arrives at the end he is out of breath.

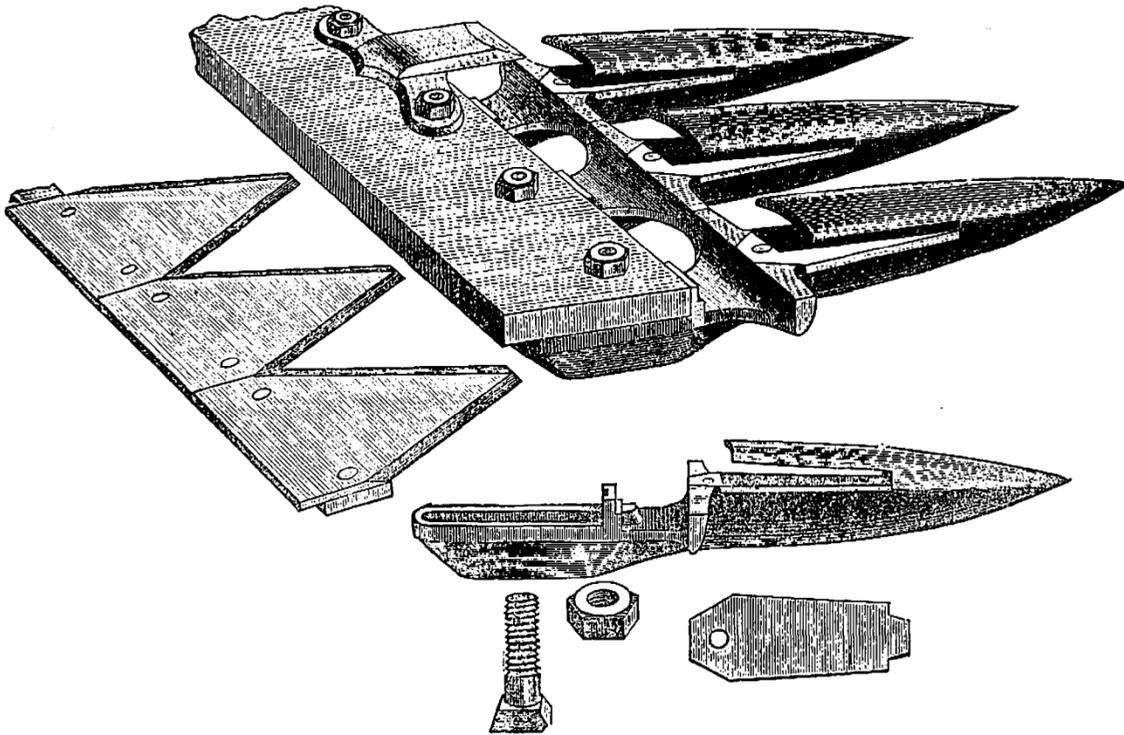
Men Wanted.

It has been truly said that the great want of the age is men. Men of thought; men of action. Men who are not for sale. Men who are honest to the heart's core. Men who will condemn wrong in friend or foe—in themselves as well as others. Men whose consciences are as steady as the needle to the pole. Men who will stand for the right if the heavens totter and the earth reels. Men who can tell the truth and look the world and the devil right in the eye. Men that neither swagger nor finch. Men who can have courage without whistling for it, and joy without shouting to bring it. Men through whom the current of everlasting life runs still, and deep and strong. Men too large for sectarian limits, and too strong for sectarian bands. Men who know their message and tell it. Men who know their duty and do it. Men who know their place and fill it. Men who mind their own business. Men who will not lie. Men who are not too lazy to work, nor too proud to be poor. When in office, the workshop, the counting-room, in the bank, in every place of trust and responsibility, we can have such men as these, we shall have a Christian civilization—the highest and best the world ever saw.

"WM. F***, ST. MARY'S, ONT."—The best thing you can do with your old, broken-winded mare is to shoot the poor creature, no matter if she was your best brood mare twenty years ago. You could no more breed a sound colt from her now than you could get a sound reaper from one of the old broken-winded reaper companies that made good enough machines twenty years ago.

The Cutting Apparatus

on the Toronto as well as the Massey Mowers and Reapers is constructed with steel Cutter Bar, malleable iron Shoes and Guards, all faced with hardened steel cutting edges. The Guards have milled fittings, very accurate, and each bolted to the Finger Bar by a single strong bolt, and can be quickly removed to repair or sharpen. The Knife is constructed with the extension of the section projecting in rear of the knife back for the purpose of supporting the Knife, independent of the back, and holding the cutting edge close to the guard plates. This gives to the knife and guards a perfect shearing action. The heel of



The Guards and Knife Sections as used on the Toronto and Massey Mowers and Reapers.

the knife is riveted to the back in such a manner that in case of wear or breakage it can easily be replaced by a new one, with but little trouble or expense.

We are the only manufacturers in Canada making their own Knives, Sections and Ledger Plates for Guards. For this special branch of the business we have erected a large and separate building, fully equipped with machinery, grindstones and tempering furnaces, and a competent foreman is specially detailed to superintend this very important branch. This matter being under our own supervision enables us to produce an article of superior quality.

Farm Life.

It is a common complaint that the farm and farm life are not appreciated by our people. We long for the more elegant pursuits, or the ways and fashions of the town. But the farmer has the most sane and natural occupation, and ought to find life sweeter, if less highly seasoned, than any other. He alone, strictly speaking, has a home. How can a man take root and thrive without land? He writes his history upon his field. How many ties, how many resources he has; his friendships with his cattle, his team, his dog, his trees, the satisfaction in his growing crops, in his improved fields; his intimacy with nature, with bird and beast, and with the quickening elemental forces; his co-operation with the cloud, the sun, the seasons, heat, wind, rain and frost. Nothing will take the various social distempers which the city and artificial life breed out of a man like farming, like direct and loving contact with the soil. It draws out the poison. It humbles him, teaches him patience and reverence, and restores the proper tone to his system.

Cling to the farm, make much of it, put yourself into it, bestow your heart and your brain upon it, so that it shall savor of you and radiate your virtue after your day's work is done.—*Illustrated Champion.*

REMEMBER, the Massey Manufacturing Company do not make everything from a Toothpick to a Steam-engine, as many manufacturers, but make a specialty of Harvesting Machinery which enables them to turn out a better article than others.

The Massey Manufacturing Co. have now 400 workmen engaged building their celebrated machines.

A Letter from Prominent Lambton County Farmers who used a Toronto Cord Binder.

MOORE, March 1st, 1883.

Massey Manufacturing Co., Toronto:

DEAR SIRS,—In regard to the Toronto Cord Binder which we purchased from your agents, McGurk & Cruickshank, last season, we would say that it has given us entire satisfaction in every respect. We cut a large amount of grain with it, some of it very heavy and lodged, and some of the ground was very rough and cut up considerably with cross furrows and ditches. In fact we found that on rough land it worked fully better than the common Reaper, on account of its very large main wheel. We used it some with two horses only, and it did not seem to draw any heavier than the old combined machine.

The only fault we found in it was its width, it being too wide to go through an ordinary gate, but after using we are quite willing to put up with that inconvenience rather than go back to the hand-binding.

We are informed you are building a Low Down Binder without elevating canvass, which will go through a ten-foot gate. If so, and it does as good work as ours, we would heartily recommend it. Some have an idea that oats and barley should not be bound up as cut, but we have found no injury to result from doing so, but find it much better to have it stood up in shocks and secured in case of rain.

We would also say that two of us did the same work that it took four or five to do the season before, and we kept up to our work better, without letting any of our grain get over ripe.

Hoping that all who purchased your machines last season and those purchasing them in the future, may have as good reason to recommend them as we have,

We are, yours very truly,
ALEX. BROWN,
WENDEL BROWN.

How Drew would do.

(From the Wall Street News.)

About the time that Daniel Drew began his Wall street career he was up in the country one time to visit some friends, and two farmers called upon him to decide a case. One had sold to the other five bushels of wheat, and proposed to measure it in a half bushel, and sweep the top of a measure with a stick. The other objected, and Uncle Daniel was asked to decide.

"Well, legally speaking, a bushel is only a bushel," he answered.

"And can the measure be swept off?"

"I think it can."

"What with?"

"Well, if I was selling wheat I should probably use half the head of a flour barrel."

"Which edge of it?"

"Gentlemen, that is a point I cannot now decide on," sighed the old man. "If I was selling to a widow or a preacher I am certain that I should sweep the measure with the straight edge, but if I was selling to a man who pastures his cows in the road and his pigs in his neighbors corn, I am afraid I should use the circular side and scoop a little to boot."

A glance at the statistics of the world shows that the United States possesses in round numbers 38,000,000 cattle, India, 30,000,000, and Russia, 29,000,000. The latter has 20,000,000 horses, the United States 10,500,000.

A young man in Iowa was so impatient to see his girl that he paid forty dollars for a locomotive to run him thirty-five miles. When he got there she was sparking his rival and a big dog had possession of the front door-steps.

Don't despise the small talents; they are sometimes needful as well as the great ones. A candle is sometimes as useful as the sun.

Harvester Binding Twine, Where it is grown, and how it is made.

The article known as Harvester Twine has become so prominent a factor in the market that many of our readers will read the following description of its origin and manufacture, growth and sale as a domestic product, with interest :

Twines and cordage of all kinds are made from a variety of products : paper, wood, grasses, rush and sedge-weed, fibres of various varieties, etc., but the string largely used in the Self-binding Harvesters of to-day, is made either from the leaf fibre of the manilla and sisal trees, or from native hemp. The bulk of the Harvester cord, however, is of the variety known as manilla. The manilla tree is found in the Phillipine Islands, and grows to a height of 15 to 20 feet, and the large palm-like leaves stretch out from the trunk of the tree a distance of 6 to 15 feet. The fibre from which the twine is made is found in the stem and its branches of the leaf. When the trees are about to flower they are cut down and split lengthwise in four pieces. The petioles or stems which are the portions furnishing the fibres, are then pulled off. Those which grow near the centre are rejected as their fibres are not strong enough to be useful. To separate the fibre, the stems are thoroughly beaten with wooden clubs, and its separation is further effected by the use of a coarse hackle, after which the fibres are thoroughly washed, and when freed from the woody parts are hung upon poles or ropes to dry. The fibres are coarse or finer as they near the centre of the stem, the coarser being used for cordage and twines, while the finer fibres are woven into exceedingly fine fabrics such as shirting, veiling, etc., and these articles of apparel are dyed by the natives in fancy colors, and are quite pleasing in appearance as well as durable.

The manilla fibre after being prepared, is put up in bales of about 300 pounds each, and arrives in that condition in this country.

The sisal hemp is a fibre closely resembling manilla, and is found in Yucatan, one of the States of Southern Mexico. The plant from which it is obtained closely resembles the century plant, and the fibre is obtained from the stems of the leaves, much the same as the manilla, thereby enabling unreliable makers of binding cords to use a large preponderance of the fibre and sell it as a pure manilla. We therefore caution our customers against purchasing Binder Cord from outside parties, but to place their orders with us direct or through our agents and obtain the pure article.

The Harvester Cord supplied by us is of the variety known as Manilla.

The manufacture of rope and other cordage is familiar to many of our readers, and we will only give a hasty glance into how

"The Binder Cord is Made."

The first process after unbaling the fibre is to straighten out the hanks and place them in a large pan or vat, and thoroughly saturate them with whale oil ; this renders the fibre soft and pliable. They are then hacked or scutched by a revolving toothed cylinder, that effectually separates, cleans and straightens out the fine threads. It is then passed through a machine called a spreader or mixer which thoroughly disintegrates the fibre. This operation forms the threads into a round continuous roll called the sliver, which is nothing more nor less than a round, light, fluffy rope, similar in appearance, use and formation to the old-fashioned wool rolls that we saw our grandmothers twist into yarn on the old spinning-wheel. The roll of fibre now passes through another machine that still reduces the bulk of the roll and correspondingly increases the length ; thence the roll is passed through the drawing frame which further reduces its diameter and prepares it for the spinning jenny which takes up the sliver and twists it into the regular twine. After being spun the cord is wound on a bobbin by a process of winding direct from the spinning jenny, and then, after being re-wound upon another bobbin, in order to smooth down the loose floating ends, it is formed into balls of 3½ to 4 pounds each on a balling machine. During this latter operation the twine is carefully inspected by experienced operators and all defective cord is thrown out. The balls are then completed by tagging the inside end of the cord

denoting which end to use from, and then packing them into bags of from 25 to 65 pounds each. Great care should be taken in buying Harvester Twine, as a poor article will work badly on the best machine, and it frequently occurs that good reliable binders are condemned as not tying successfully, when in reality the fault lies in the cheap cord that is being used instead of a defective machine.

We have purchased for the coming harvest a large quantity of Binding Cord, and are in a position to supply all who are in want of it ; and those desirous of buying from us we advise, to place their orders early. It may be somewhat difficult to estimate just the amount of cord that will be required for the season, or even the quantity per acre, for the reason that if large sheaves are bound the quantity of cord will be much less than if the sheaves are made smaller. We presume that, taking the average of grain it would be safe to estimate about 1½ pounds of cord to the acre, if fair-sized sheaves are bound.



This represents a 50lb. Bag of Cord.

The Cord is shipped in bags varying in weight from 25 to 65 pounds each, and containing an equal number of balls, averaging in weight about 3½ pounds.

THE question sometimes arises can a firm doing so large a business turn out a machine as carefully and perfectly made as a smaller manufacturer? We answer, Certainly it can. By doing so extensive a business we are enabled to use expensive and special tools and machinery. There is also more uniformity and system in the work and a higher grade of mechanics employed.

THE TORONTO REAPER STILL RANKS AI.

Is without an equal in heavy
lodged grain.

Is built mostly of Malleable Iron.

LIGHT, STRONG, DURABLE.

POINTS OF EXCELLENCE.

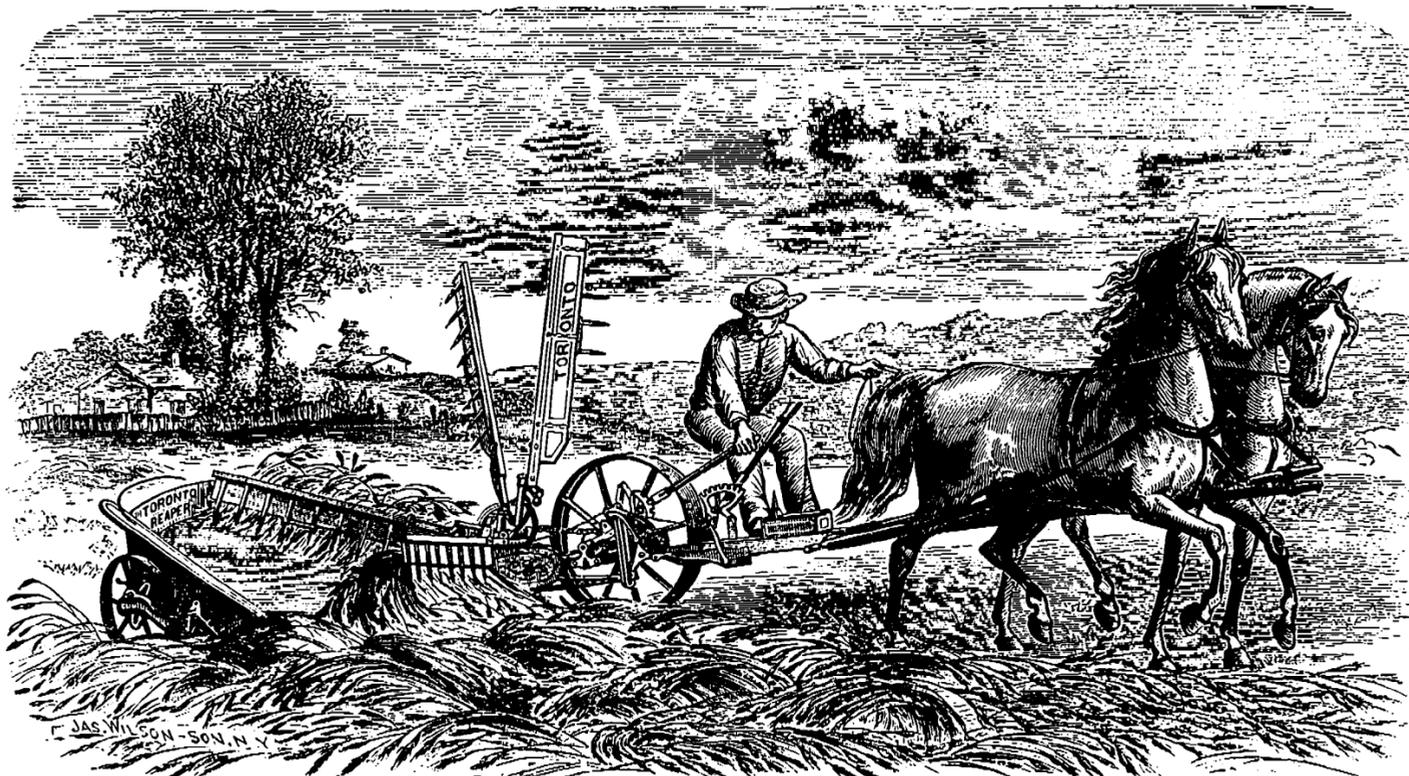
- It has the new Mechanical Gear.
- It is built largely of Malleable Iron.
- It weighs 800 Pounds.
- It cuts a swath of 5 ft. 6 in.
- It is readily adjusted to all conditions of surface and crop.
- Its draft is very light.
- It has no side draft.
- It is simply immense in saving down and tangled grain.
- The driver has complete control of the machine whilst on his seat.
- It is very strong.
- It is a great favorite where known.

HAWKESVILLE, Co. Waterloo, June 1st, 1882.

DEAR SIRS.—Am well pleased with the Toronto Reaper and Mower I bought from you. Have used them one season and have not lost any time in harvest, through breakages. These machines have undoubtedly a better quality of material than is to be found in any others we have seen. The objectionable pitman rod, one of the weak points of other machines, is not used in this machine. This does away with the friction and rattling noise of common reapers and mowers. They are easy on the team, on account of being evenly balanced and having no side draft. The Mower is very handy, for in passing an obstacle the cutter bar can be raised perpendicularly while the knives are in motion. I take great pleasure in recommending any one who wants a good reaper or mower to see the Toronto before purchasing elsewhere.

THOS. WILKINSON.

Unexcelled for Strength, Durability and Capacity.



The height of cut can be adjusted instantly
by the driver without leaving his seat.

THE TORONTO REAPER SAVING DOWN GRAIN.

A Good Word in favor of the Toronto Cord Binder from our German friend, D. Weber.

BERLIN, May 16th, 1883.

To the Massey Manufacturing Co.:

GENTLEMEN.—I have great pleasure in informing you that I have cut in the past season with one of your Toronto Cord Binders 120 acres of grain (wheat, barley and oats), which was very heavy, and some of it down and badly tangled, which it did to my entire satisfaction. My son 14 years of age drove it and did all the cutting without any delay or stoppage whatever. To me one of your Binders I consider is worth a good deal more money than any other Binder I have yet seen, for the following reason: The perfect manner in which it tied its sheaf in cutting 40 acres of oats which were badly down and tangled, in which all the sheaves it missed were fifteen, and in threshing my entire crop if there was a loose sheaf in it did not see it.

Yours truly,
DANIEL WEBER.

WATERLOO TP., May 23, 1882.

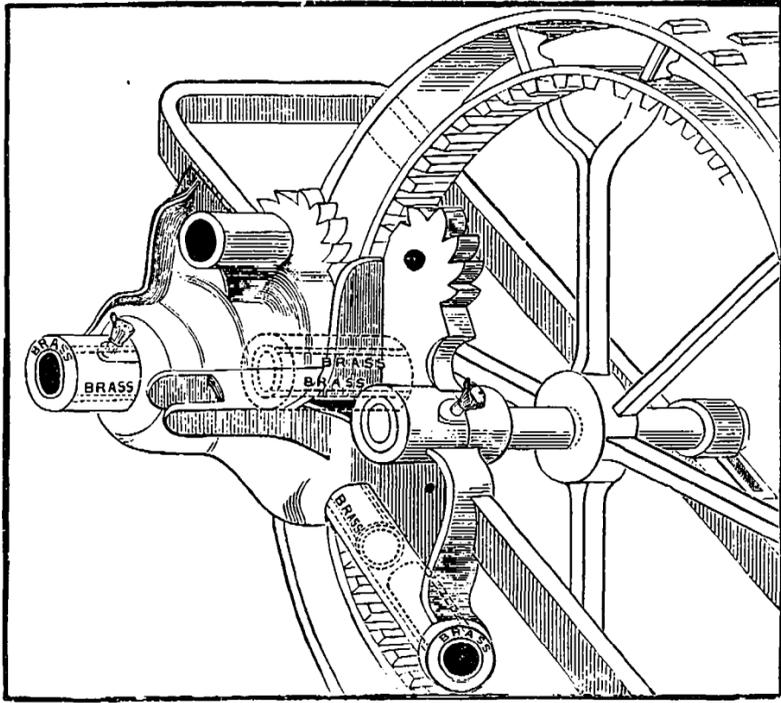
TO JOHN MOFFAT, ESQ., Berlin,
Agt. Massey Mfg. Co.:

SIR,—I hereby inform you that the Toronto Mower I bought from you last year gives entire satisfaction—fully up to all my expectations. I cut 24 acres of grass and to judge from the wear of the machine, if I may so call it, I may state that by proper care and attention it may last a lifetime. In the choice of material in its construction, workmanship, durability, simplicity and steadiness of motion, ease of draft and management and cheapness—taking the foregoing facts into liberal consideration this machine is not excelled by any other at present in the market. It is free of all shake, so objectionable in crank-pitman machines, and is almost entirely noiseless in its operation.

Farmers intending purchasing a Mower I would sincerely advise to take the new Toronto.

Yours, etc.,
JOHN HEIST, Berlin.

You can tell a merciful farmer as soon as he stops at a post. He takes the blanket off his wife's lap and spreads it over the poor horses.



Principal Bearings of the Massey Harvester.

In Lodged Grain Equal to an Ordinary Reaper.

KINGSMILL, Elgin Co., April 12, 1883.

Massey Manufacturing Co., Toronto:

GENTLEMEN,—It affords me much pleasure to inform you that the Toronto Cord Binder I purchased from your agent, Mr. Wilson, last season, has given me entire satisfaction. I tested it thoroughly—cut about 80 acres of heavy and badly lodged grain. It will take up lodged grain equally as well as any Single Reaper, and does most excellent binding. It is well constructed and of good material, and light of draft. I cut seven acres of heavy fall wheat in five hours with a very light team. I cannot speak too highly of its qualities, and can recommend it to all as a first-class Binder.

I remain yours respectfully,
W. S. ROGERS.

Simkins wants to know would it be proper to call a red-haired young lady a brick. It might be eminently proper, but no prudent man would try it more than once.

DOMINIONVILLE, Glengarry Co.,
May 24th, 1883.

The Massey Manufacturing Co.:

GENTLEMEN,—The Massey Mower I purchased of your agent, J. P. McNaughton, has exceeded all my expectations. It is easily operated, light of draft, and in fact anything that can be required of a first-class machine, and I would advise intending purchasers to examine the Massey machine before purchasing elsewhere.

ROBERTSON SPROUL.

MARTINTOWN, Glengarry Co.,
May 21st, 1883.

The Massey Manufacturing Co.:

DEAR SIR,—The Harvester I purchased from your agent, Mr. J. P. McNaughton, last season is the best I have run, having used different makes and had experience in harvesters for the last twelve years. I am convinced it is the lightest running and easiest machine to manage I know of, and the best feature I find about the machine is that it is not subject to breakage.

JOHN H. ROBERTSON.

STAYNER, January 8th, 1883.

The Massey Manufacturing Co.:

GENTLEMEN,—The Massey Harvester which we purchased from your agent, S. Coborn, last season gives entire satisfaction. It is the lightest running Reaper we ever handled and can highly recommend it to any party wanting a first-class machine.

ROBERT FLEMING, Stayner P.O.,
PATRICK ROSE, do.
WILLIAM GRIFFIN, Sunnidale.

APPLEBY P.O., NELSON TOWNSHIP,
Halton Co., January 12th, 1883.

The Massey Manufacturing Co.:

GENTLEMEN,—Two years ago I was in want of a Reaper and to satisfy myself which was the best I had a trial in my own field with some of the leading machines. There were present The . . . , The . . . and the Massey Harvester, and after a square test the Massey Harvester was pronounced by competent judges who were there to be the best, and I am satisfied I bought the right machine.

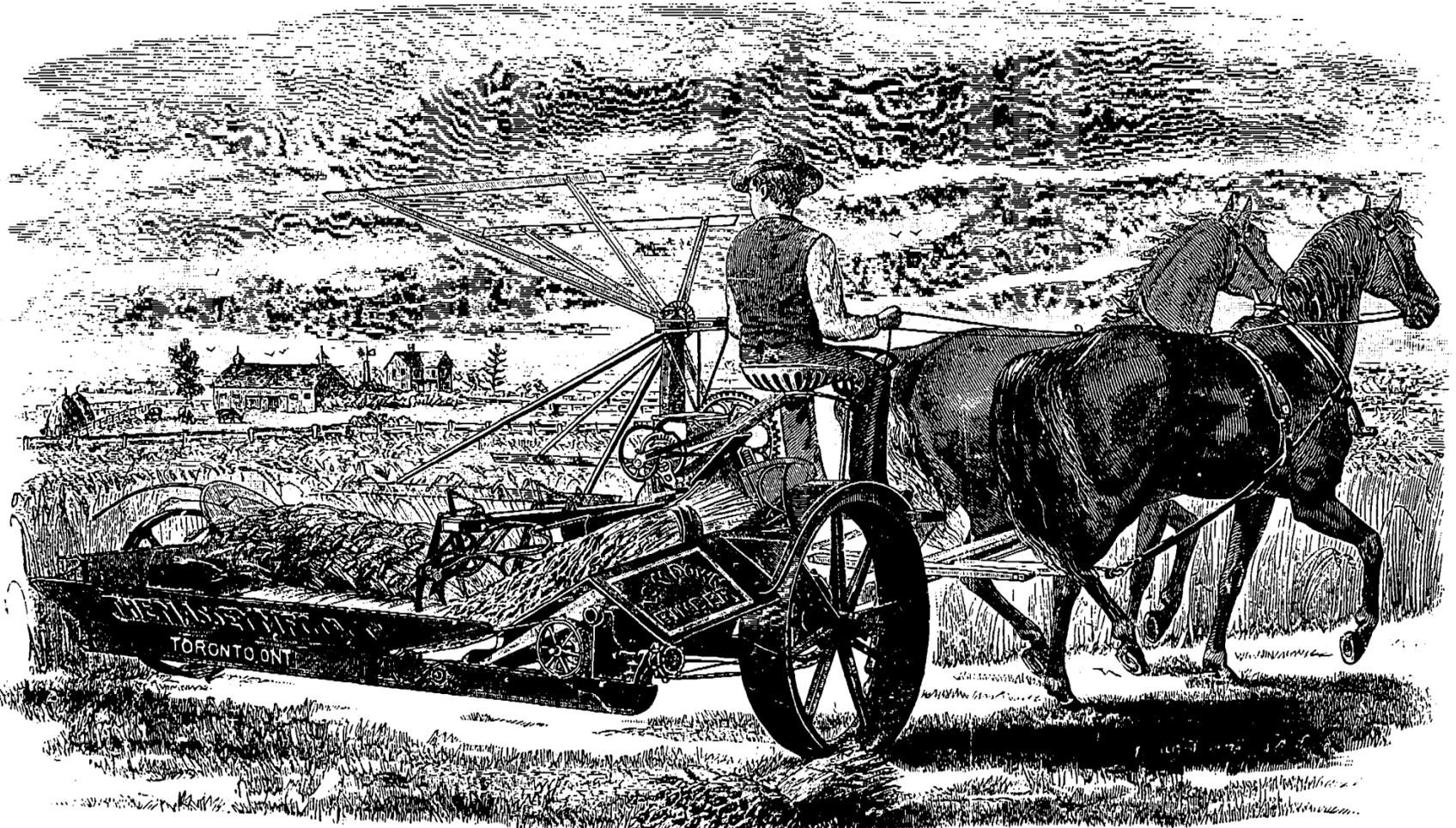
JOHN WALKER.

THE Massey Low Down Binder.

In this issue of our ILLUSTRATED it is unnecessary for us to make much mention or devote much space in giving a description of this machine, owing to the fact that we did so in our last issue, and that the 500 that we are building as an introduction, are now already sold.

with the exception of a very few that we have reserved to place in some remote localities from which we have not yet received an order. It is gratifying to us to know that the farmers of this Province have appreciated our efforts in placing before them the first Low Down Binder working successfully on this continent, and we thank our patrons for the cordial manner in which they have received this machine. We still have on hand a few of our well-known Toronto Elevator Binders, with which we can supply our Binder customers. This machine has

been thoroughly tested during the past three harvests, and has given immense satisfaction. A full description of this machine will be found on another page. The Toronto Binder is much improved and lightened for 1883, and we claim for it as being the best Elevator Binder in the market, its many points of excellence over all others must be seen to be appreciated, and we ask those who intend purchasing a Binder for the harvest, of 1883, to see the "Toronto" before placing their orders for any other machine.



500 B'ING MADE FOR 1883.

500 B'ING MADE FOR 1883.

THE MASSEY LOW DOWN BINDER.

The Massey Manufacturing Co.'s
EXTENSIVE FACTORY.

The Largest of the kind in Canada.

192,000 square feet, or over four acres floor space, equal to a workshop 36 feet wide, one mile long.

The wood engraving on this page represents our Factory as it has been, but not as now being extended—additions equal to 260 feet long, 60 feet wide and four stories in height are being built, the whole to be completed by October next—in time for use in next season's business. We will, in giving a short description of the Factory, speak of it as finished.

The works are situated on the old Exhibition Grounds, near the corner of King Street and Strachan Avenue, and occupy six acres. In the construction of the building over two million brick, one million feet of lumber, twelve hundred loads of stone, eighteen thousand panes of glass, etc., are used. The main building has a frontage of 485 feet on Massey Street, with an L or branch of 260 feet, all having an average of from 50 to 60 feet in width, and four stories in height, including basement. Total length therefore of main building 745 feet, four stories high.

The foundry and blacksmith shop is 270 x 60 feet. Knife and Bar and Rake Tooth department 100 x 36, two stories. Engine-room and Boiler-house 50 x 70. Tool-room and Patternmakers department, 20 x 40, two stories. These buildings are all brick. A frame storehouse 200 x 20; coal sheds, 400 x 15; a stable and driving-house, 50 x 75, and a substantial oil-house under ground, 27 x 33, completes the list. Two private R. R. sidings capable of holding 20 cars at a time—unloading and loading, are so placed as to deliver the raw materials at one end of the works and receive the finished product

at the opposite end. During a year's time no less than from 1,200 to 1,500 loaded cars are received and shipped, the simple handling of so great an amount of goods requiring a large staff of men.

The power is at present supplied by two 60 horse-power boilers and a 100 horse-power engine; also by a 30 horse-power portable engine and boiler (the latter will be at once displaced by two new 60 horse-power boilers, making four in all, and a new 60 or 75 horse-power engine). In no other Reaper and Mower factory in Canada can there be found so complete facilities and so plentiful a supply of the most expensive and at the same time necessary special tools and machinery, several of these costing from one thousand to upwards of two thousand dollars each.

The buildings are heated by steam. Five large and powerful steam elevators convey materials or finished work from one flat to another in the different departments.

The employees number over 400, (their pay-roll amounts to about \$15,000 a month,) and are in charge of fifteen foremen, the whole superintended by Mr. Matthew Garvin, our mechanical superintendent for several years. Two night watchmen have charge of the premises at night, and a day patrolman during the day. There are ten on the office staff and a board of three directors,—H. A. Massey, President; C. A. Massey, Vice-President, and General Manager, and George Metcalfe, Secretary.

Mr. C. D. Massey has lately taken the responsible position of Treasurer of the Company.

The new offices of the company (50 x 65 ft., four stories including basement) which will soon be completed, will be very handsome, and will have all the modern conveniences, and every attention has been paid to the health and comfort of all connected with the establishment. It is proposed to convert the second and third stories of the office building for the use of the employees as a Library, Reading-room, Dining or Concert Hall, etc., etc. The first or ground floor and basement being used for the general business of the Company. It is no idle boast when we state that the demand for our productions has always exceeded the supply, and that our sales are double

that of any of our competitors; this is from the simple fact that the machines made by us are the best in the market—of the best styles—made of the best materials—by the best workmen and best machinery to be obtained. It has always been our motto to turn out nothing but "The Best," and the best is always cheapest in the end. It is by patient, persevering labour for nearly forty years, backed by ample capital, and a conscientious effort to serve their customers well, that the Company and its founders have been able to gradually work the business up to its present state, and none more fully reaps the benefit of their splendid facilities or achievements than the best and the leading farmers of Canada, who are sure to be on their long list of customers.

The Massey Harvester equal to the emergency.

BRICKLEY, Northumberland Co., Jan. 8, 1883.

The Massey Manufacturing Co., Toronto:

GENTS,—I purchased one of your Massey Harvesters last August, from your agent, Mr. Thos. Clark, and I cut 70 acres over very rough, steep hills and stony ground, and it has not cost one cent for repairs. I had about four acres of badly lodged grain that I have had to cut with scythes the past two years. I put your Reaper to work in the tangled mass, and to my surprise it picked it up clean and laid it in a snug sheaf, with much ease on my horses. There is nearly every make of Reapers manufactured, in use in my neighborhood, and I prefer the Massey to any of them for lightness of draft, simplicity of construction, the ease by which it may be handled in rough ground and cutting and delivery of sheaf. I consider it is the best machine in the market.

Yours respectfully, A. B. GERMAN.

LIKE HIS FATHER.—"Come here to me," said an Arkansaw woman to her son. "Did you go down to the bakery as I told you?"

"None."

"Didn't I tell you to go?"

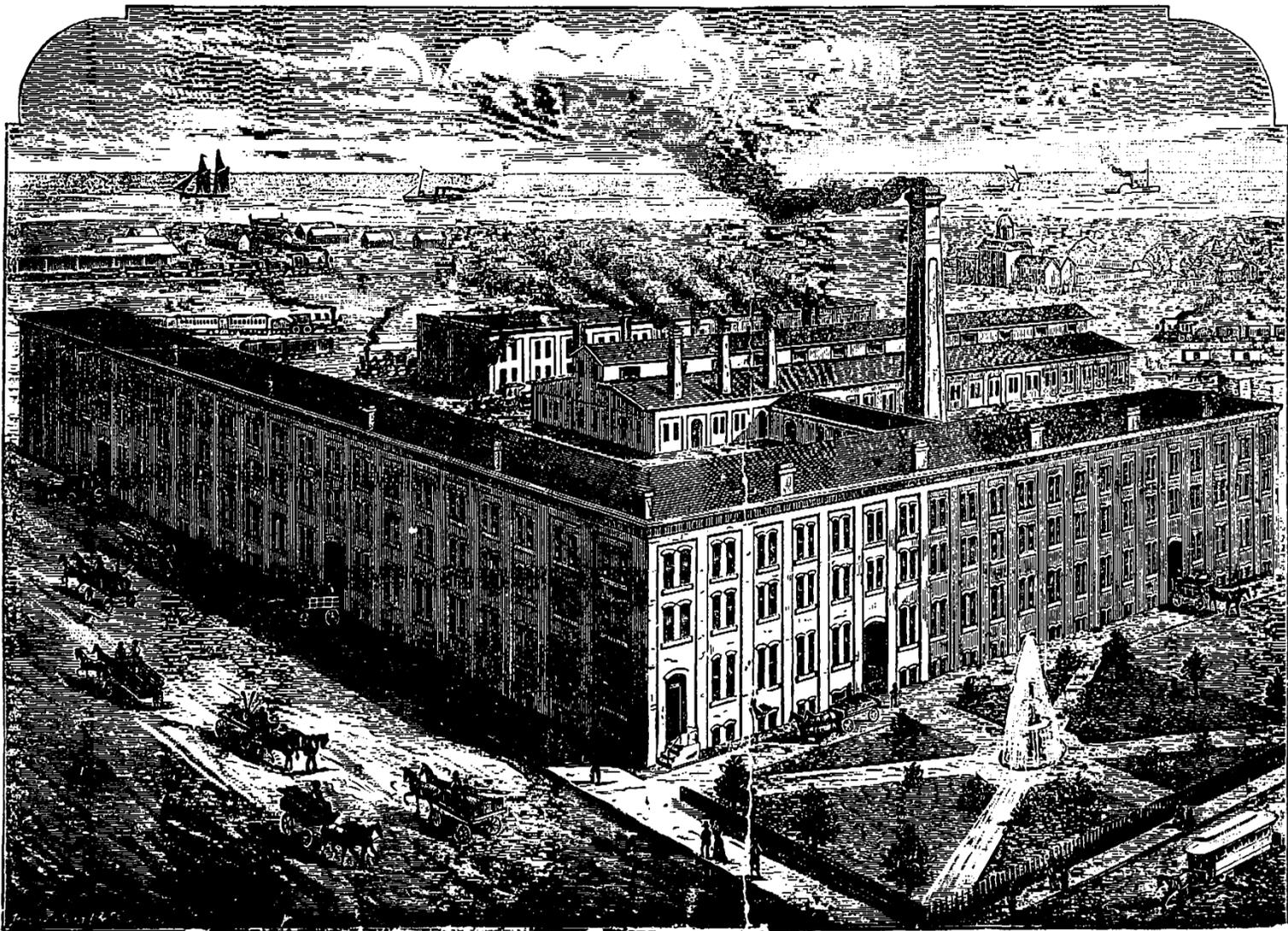
"Yessum."

"Why didn't you go?"

"Didn't want to."

"I am just going to have you whipped, sir, that's what I am going to do. You are as stubborn as a mule. You are just like your father."

The largest and most complete Factory in the Dominion of Canada devoted exclusively to the manufacture of Harvesting Machinery.



The largest and most complete Factory in the Dominion of Canada devoted exclusively to the manufacture of Harvesting Machinery.

THE MASSEY MANUFACTURING COMPANY'S WORKS, TORONTO, ONT.

NORTH-WESTERN BRANCH:

T. J. McBRIDE, Manager,

WINNIPEG, MAN.

QUEBEC BRANCH:

JAS. R. SHARP, Shipping Agent,
103-108 Common Street,

MONTREAL, QUE.

EASTERN BRANCH:

TIPPET, BURDITT & CO.,

ST. JOHN, N.B.

THE TORONTO CORD BINDER

Not an Experiment but a grand Success!

IT HAS BEEN THOROUGHLY TESTED.

THREE YEARS IN USE IN CANADA!

THE LIGHTEST ELEVATOR BINDER BUILT.

READ ITS MANY FEATURES.

THE MAIN WHEEL is very high, being 40 inches in diameter; it has an eight-inch tire, and the bearing in the centre is 16 inches long. The driving gear is fastened to the "rim" of the wheel and not to the wooden spokes. The Toronto main wheel will run a dozen years and not "cant over," or get loose or shaky.

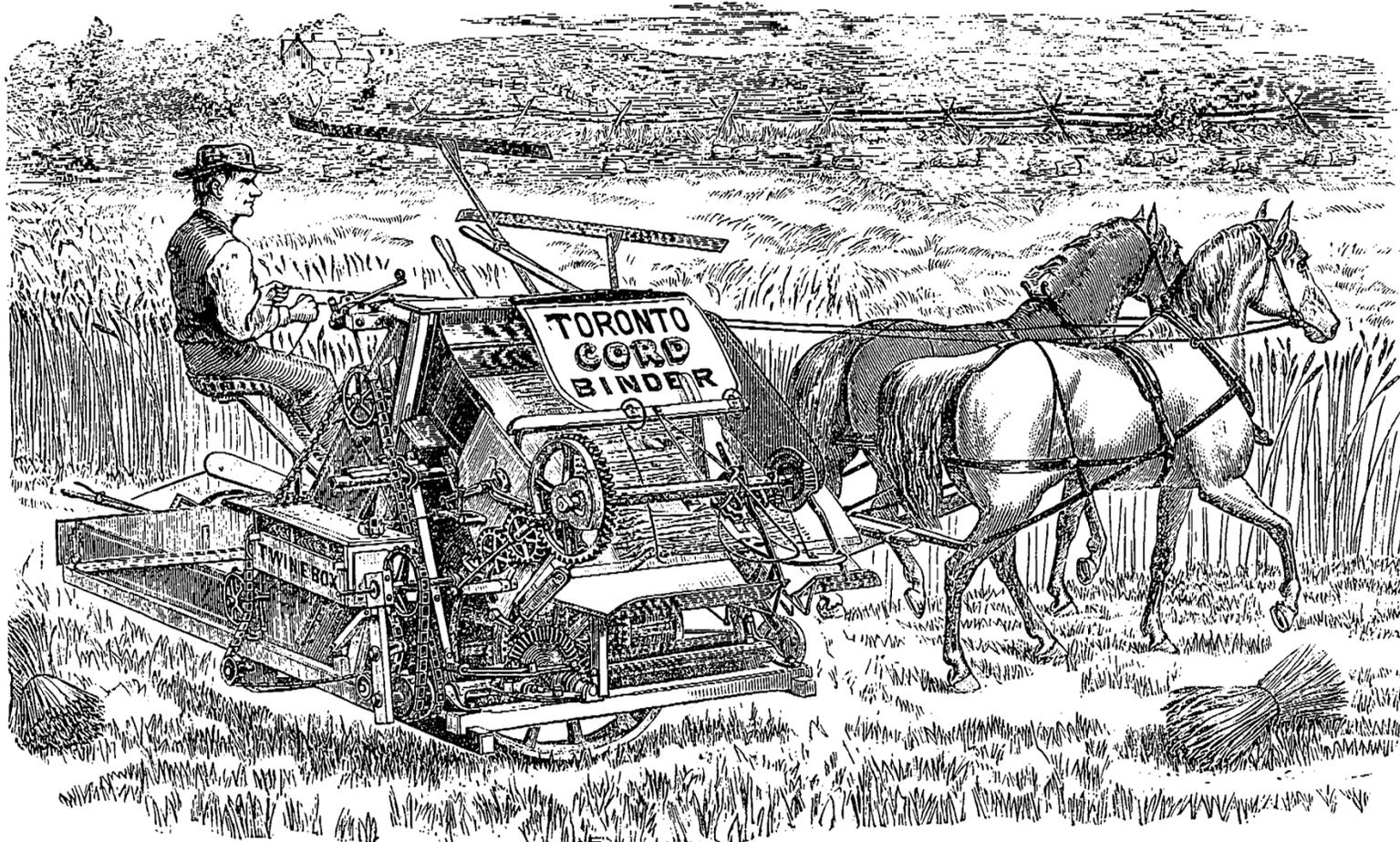
THE BUTTS PACKER is a rake that brings the butts of the grain down in square form to the Binder.

THE PLATFORM BELT upon which the grain falls, runs within half an inch of the knife. The Toronto will cut and convey the shortest length crop in a first-class manner.

THE REEL GEARING is a simple cog wheel connection with one of the elevator rollers. The troublesome long reel chains—used on other machines—are constantly curling up and breaking, are done away with on the Toronto.

OUR NEW LOCK of the Binder effectually prevents the breaking of the gear wheels, as it brings the gear to a standstill without the sudden jar that soon crystallizes the metal and causes the teeth to break out.

THE CUTTING APPARATUS of the Toronto is immeasurably superior to that used on any other Harvester or Binder. It consists of an angular steel Cutter Bar—the most expensive cutter bar ever made—it is of light weight but of immense strength. The guards are of wrought iron with case hardened face, and are securely riveted against a shoulder on the planed front of the cutter. This arrangement makes the Toronto Binder the most complete grain cutter now before the public.



—THE TORONTO CORD BINDER.—

THE BELT BEARINGS of the Platform and Elevator have spiral springs in the middle that keep the belts taut at all times, providing against the shrinkage or stretching of the canvas in any kind of weather. The Toronto is the only self-binding harvester that has this invaluable feature.

THE PITMAN has a long stroke, driving the knife through two guards, and it operates directly upon the knife heel, just as on a Mower or Reaper. The Toronto has no shaky rocker under the platform that drives the knife from the centre, as is found on other machines.

THE ELEVATOR BELTS are wider than on other Harvesters, giving greater capacity for elevating the grain. The canvasses are double at both edges, and protected by strips of leather. The wooden slats are very tough and are securely riveted to the belts and not loosely tacked. The Toronto never chokes or gives trouble.

THE RELIEF RAKE at the heel of the knife constantly feeds into the elevator all the grain that gathers here and disposes of the trouble heretofore experienced at this point. This well-adapted Rake is found only upon the Toronto, and free and clean elevation of the grain is impossible without it on any Harvester.

THE SHIFTER LEVER, for throwing the entire driving mechanism in and out of gear, can be very conveniently worked by the driver's foot.

THE CORD STRIPPER AND KNIFE is readily adjusted to guide and cut the twine properly. The common nuisance of bending and breaking the stripper is entirely avoided.

THE SHIFTING OF THE BINDER is arranged to perfection on the Toronto. The grain wheel is placed further forward than the master wheel of the machine, and the binding attachment is carried between the two wheels, so that the shifting of the Binder throws the weight from one wheel upon the other, and not upon the horses' necks, as on other Binders.

THE NEW AND SIMPLE TRIP, that throws the binding mechanism into gear at the right time, is a magnificent feature and is found only on the Toronto. The grain cannot in any way wedge and choke between the breast plate and the binding table, for just at the point where on other machines it would wedge is our new Trip, which consists only of a single rod and flap instead of 10 or 15 parts used in the trip of other machines. By the use of this device the size of the sheaf is formed according to weight, and not bulk as is the case with other machines.