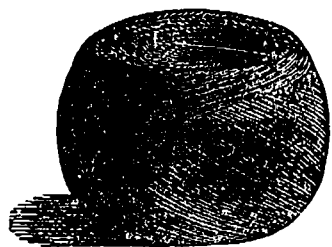


# HOW THE KNOT IS TIED ON THE TORONTO CORD BINDER.

## A Triumph of Genius! A Triumph of Success!!

Since twine has become the recognized material for binding grain, fresh interest has been awakened in this article of commerce.

No one needs any argument to show them the advantages of cord over wire. Inventors and manufacturers were quick to see the necessities of the hour, for wire had no sooner reached the point of genuine success than the brains of inventive genius were racked to bring out a successful twine knotter. That success has been attended with remarkable results, and any one who takes the pains to examine the work of the knotter on the Toronto Cord Binder will be greatly interested in this wonderful achievement.



FIRST, THE CORD.

We have placed our order for a large quantity of cord and will be in a position to supply all who are in want of this commodity, whether for machines of other years or for new. It is sold in bundles of from 25 to 35 or 50 to 65 lbs. weight, and can be obtained from any of our agents.



TWINE KNOT TIED BY THE TORONTO CORD BINDER

The cord or twine used is about the size shown in the cut of the knot, and the form of the tie is fairly illustrated by this same picture. You will notice that the expansion of the sheaf has a tendency to tighten the knot, and when the bundles are tossed on end for shocking there is no danger of the knot slipping or becoming untied.

The "Bill Hook Knotter," used on the Toronto Binder is the simplest device yet invented for tying a knot. There are no traps about it and absolutely no complicated parts to wear or become disarranged by use or carelessness.

Figure 1 represents the first operation in tying the knot. The knotter hook has made one revolution, wrapping the cord around the rear end of the beak, and the bill stands open to receive the opposite ends of the string as shown in the picture. When this end of the twine is drawn through, the tongue or under part of the bill closes and presents the operation as shown in Fig. 2.

Figure 2 The loop or platt is now completed and held in proper position by the closed bill tongue until the knot stripper, which is a curved piece of steel, strips or pulls the loop off of the bill and leaves it as shown in Figure 3.

Figure 3. A cam motion now operates the roller on the back end of the tongue piece, causing it to open and eject the First Operation in Knot Ty-knot, which is quickly cut off from the mainpart of the cord by means of a small knife, and the twine-bound bundle is tossed to one side, completing the operation.

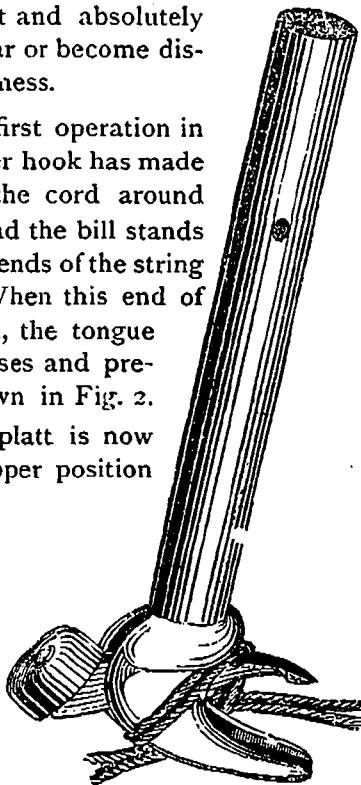


FIGURE 1.

He waited to see just how it went,  
And felt it a pleasure to make the reports  
he sent,  
The satisfaction received is very good  
reason  
For the sale of a large number there next  
season.

STRATHROY, August 2nd, 1882.

The Massey Manufacturing Co.:

GENTS,—I feel it a pleasure to let you know that the Binder I purchased from you through your Agent here, Mr. Berdan, has given every satisfaction. Your man you sent to start it is, we find, in every way competent in the management of the Binder. It will be the means of selling a number next year.

Yours respectfully,  
GEO. LAMON.

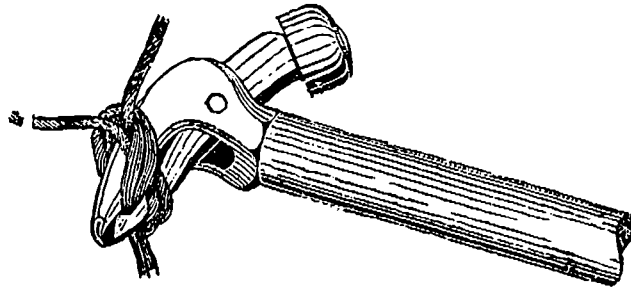


FIGURE 2.

Toronto Knotter Hook Forming the Cord Loop.

Quite satisfied 't has paid him its value  
already,

Is the report we get from Mr. R. B. Elgie,  
He did his work with three men less,  
Look over his letter and read the rest.

DAVISVILLE, Sept. 11th, 1882.

To the Massey Manufacturing Co.:

GENTLEMEN,—I feel as though I ought to let you know what success I have had with your Binder. I am quite satisfied that it has paid me its value already, and would not be without it for double the money; it has worked like a charm, not having the least trouble with it. I cut and bound 140 acres with it, and did with three men less and had not to work half as hard myself as in previous years. And all my neighbors who saw it work say they never saw one work so well before, they all say it is the best machine going, and I feel satisfied myself it is, as I have seen others work and not give half the satisfaction this one of yours does.

I remain, yours truly,  
R. B. ELGIE,  
York Co., Davisville P.O.

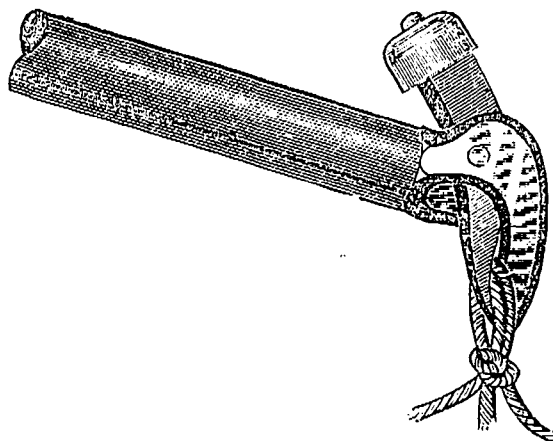
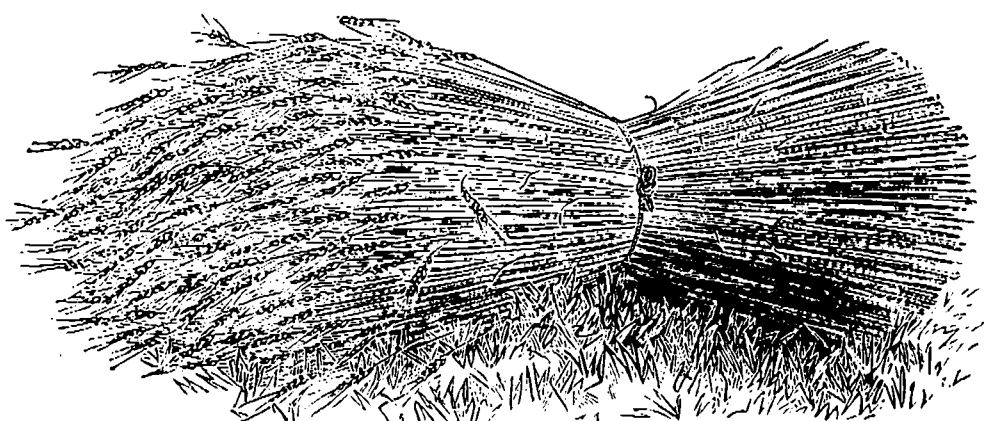


FIGURE 3.

Last Operation in Forming a Knot with Toronto Knotter.

Examine carefully the machines turned out by the Massey Manufacturing Company. and notice the material, the workmanship, and the general finish. They are without a superior and taken as a whole are without an equal.

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 bundle 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.



Wheat Sheaf Bound with Twine by the Toronto Cord Binder.

# THE MASSEY HARVESTER.

"Monarch of the Harvest Home,"

BY JOHN B. HARRIS.

When the latest sheaves are gathered,  
And the joyous people come,  
In the purple autumn twilight,  
To begin their "Harvest Home."

Who 'mid all the merry concourse  
Most deserves the meed of praise?  
Who shall wear the wreath of honor?  
Who be crowned with proudest lays?

Men of mighty thew and muscle;  
Sunbrowned youths and maidens fair;  
Whitehaired men and aged mothers,  
Rosy children—all are there.

All have toiled in just proportion,  
'Neath the burning August sun;  
Each has borne his faithful measure,  
Each his duty nobly done.

Strange to tell—a form insensate,  
Clad in steel and iron bright,  
Holds exalted state and honor  
'Mid the festive throng to-night.

Nameless? No! A name wide sounding  
Through the echoing halls of fame,  
Proudly bears he on his armour—  
History knows no loftier name.

Not by deeds of wrong and rapine;  
Not by blood, and wounds and tears;  
Not by happy firesides blighted,  
Has he won the name he bears.

But where peace with outspread banners  
Over all the smiling plain—  
When the laden ears were bending  
'Neath their load of golden grain.

Called her legions—forth exulting  
Saw them to the conflict come—  
There he won the name they gave him,  
"Monarch of the Harvest Home."

So he sits in state and honor,  
With the revellers to-night,  
Decked with garlands; wreathed with flowers,  
While the autumn moon beams bright.

Falling softly on his armor,  
From the blue o'erarching dome,  
Gild his name, "Massey Harvester,"  
"MONARCH OF THE HARVEST HOME."

## Music from the Far West.

From St. Francis Xavier, about Toronto  
Binder behaviour, on a 1,200 Acre Farm.

ST. FRANCIS XAVIER, Man., Dec. 20, 1882.

Massey Manufacturing Co.:

GENTS,—Regarding Binders, I may say the "Toronto" purchased through your Winnipeg branch, has many more good qualities than I had reason to expect in any machine—there seems nothing wanting—(the same may be said of your Mower). The "Toronto" is the second Binder for me. I consider your Cord Binder just what the farmers can rely upon when time is precious.

Yours truly,  
THOMAS LUMSDEN.

The machines turned out by our factory are made of the best material by first-class workmen using tools and machinery of the first grade.

A Toronto lecturer advocates imposing a tax on bachelors. He considers them as a whole, a miserable folk. But this of course don't effect our rural population; there are no bachelors there, the country girls are so nice the men will hang around.