

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.

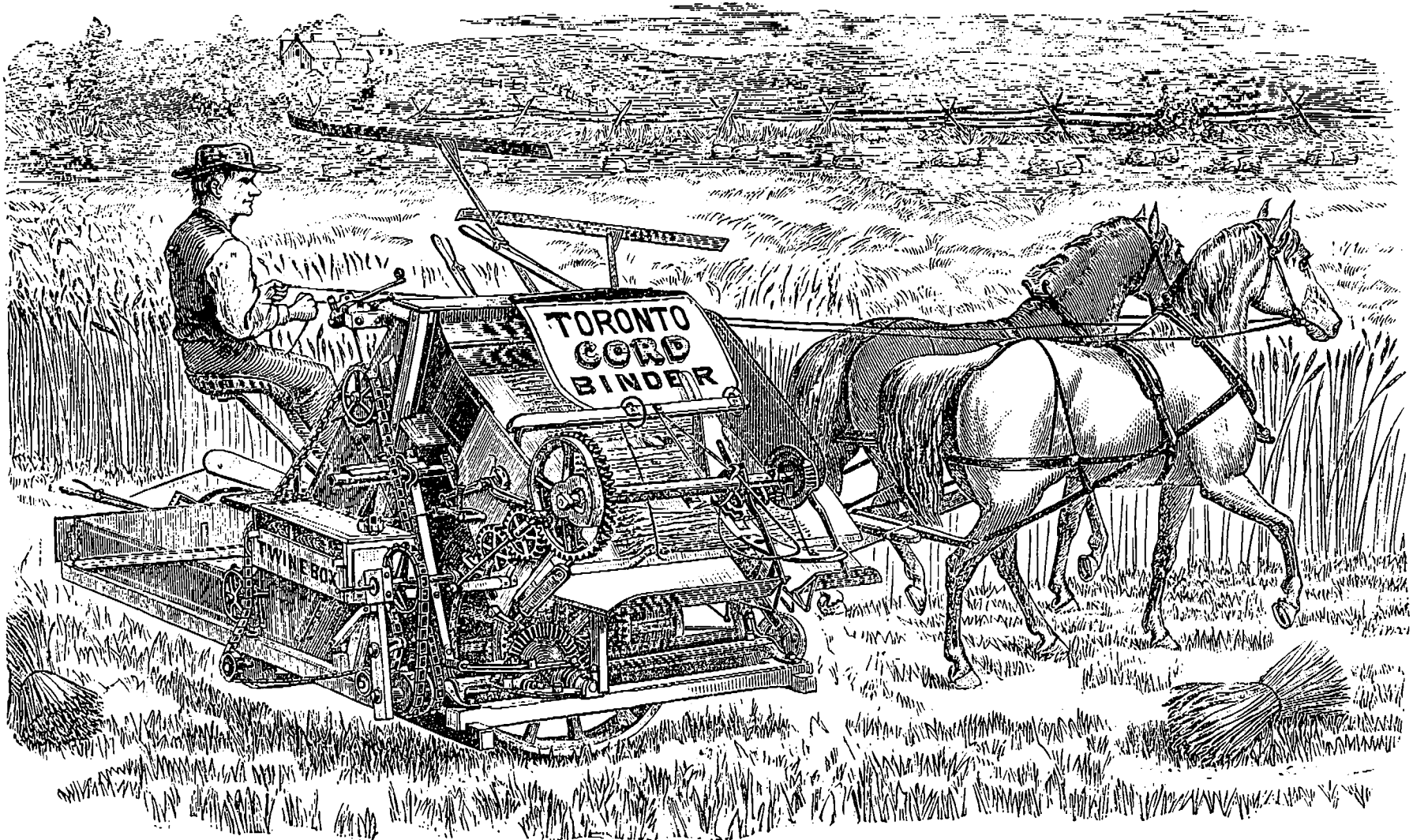
THE BUTTS PACKER is a rake that brings the butts of the grain down in square form to the Binder.

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.