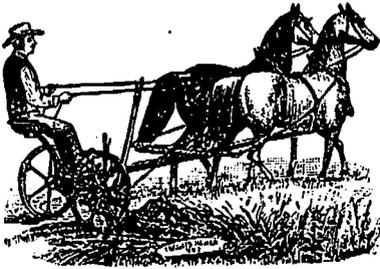


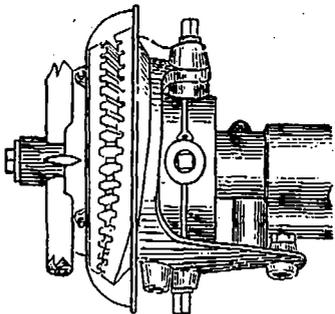
THE TORONTO MOWER

THE MONARCH OF THE MEADOW.

TRIED AND TRUE.



Two small bevel gears about the size and shape of a common dinner plate form the entire power for this wonderful machine. There has never been anything like it, and it is not likely there ever will be. It converts rotary direct into reciprocating motion, and is the only machine or contrivance that has ever successfully accomplished this. A shield about the size of a dinner plate is sufficient to cover the gear, consisting simply of a malleable ring two or three inches wide placed on the divider wheel. This single pair of gears, when properly set, are almost incapable of wear, require no attention, and are always in readiness. One of the gear wheels revolves slowly on its axis and the other gear opposite rotates around this revolving wheel, or rather gyrates. Eleven of the teeth of each of these gear wheels are always in contact. They do not wear, because they do not act in the manner of cog gear, sliding in and out on each other, with the entire strain of the machine at times thrown upon one single tooth, but eleven teeth of each being constantly in gear, and one wheel rotating round the other, that is, travelling with it, one being an external and the other an internal bevel. The two bevels fitting each other, work in harmony and unison with each other, without shock and without noise.



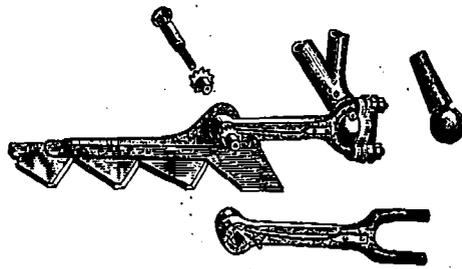
This can truly be said to be a noiseless operating machine.

This gear has been the wonder and admiration of the mechanical world. Thousands have examined it, but few have understood its simplicity. The short route to the work to be accomplished is a puzzle to the mechanics of the day.

From the two wheels, revolving around together, one of them making a revolution every eight feet travelled by the machine, to the knife receiving

twenty-two double vibrations during the same period of time, has been a stunner.

When this machine was first placed upon the market, now 13 years ago, the knowing ones shook their heads and talked of the new-fangled machine that must soon be laid away. Our competitors said, "It is a very pretty thing, noiseless and nice, but it cannot last." But after a period of 13 years' constant use of thousands upon thousands in Canadian fields, having mowed the grass in every civilized country, submitted to the most severe tests that mowing machinery was ever submitted to, and after the constant increasing demand for these machines (and there is not one of the machines where any care or attention was given to it whatever, but what is in use to-day) they admit what it says in unmistakable words, "I have come to stay."



In turning the machine in and out of gear, these two small bevel gears are removed sufficiently to free the cogs from contact. The machine then travels over the road as easily as an ordinary cart, no part of the gear working or wearing. While it is in this position the machine is capable of transportation around the world as long as a single pair of horses could travel their natural lives, yet the gears would not have been affected in the least, being thoroughly protected from mud or dirt, after having been freed from contact. The transportation of the machine over rough, muddy, or dusty roads is as free from difficulty as that of driving an ordinary wagon.

This machine might be properly called a sulky mower. The driving wheels are very wide apart. The driver rides on a fine, easy spring seat, located in the centre between the drive wheels, and rides as on a sulky.

In fact, so finished is the Toronto Mower for work and pleasure, that it is unnecessary to unhitch the team in the field, as it is quite comfortable and easy to drive to and from dinner or supper.

Another great feature of this wonderful machine is, the sickle will run in its elevated position. It is unnecessary to stop the knives to fold the finger bar or to raise it from a horizontal position to a vertical position, or to raise it to pass over obstructions, as stumps or trees, etc. The knife being in operation makes no difference.

Again, another great feature of this machine is that there is no pitman at the corner of the machine to come in contact with stones, stumps, and other obstructions. The driving mechanism is connected to the knife heel. The main shoe covers this connection and everything is safely protected.

The pitman connections are vastly superior to anything yet invented, being "ball and socket."

FARMER'S POCKET COMPANION.

Just out. Everybody wants one!

The Massey Manufacturing Co. have just issued a splendid POCKET COMPANION for 1889. It comprises a wallet, 3½ × 6½ inches, with Pocket, Page for Erasable Memoranda, and with a handsome folding cover lithographed in colors. There are 25 blank ruled pages for notes, cash accounts, etc.; several pages of valuable legal information, by consulting which the farmer may guard himself against sharp games, swindlers, etc.; also a few pages describing the machines manufactured by the Massey Co., beautified by fine wood engravings.

To farmers who send us their names and addresses on a post card, stating they expect to buy a Binder, Reaper, Mower, or Rake for next season (no matter of whose make), we will send a copy FREE. To all others, 10 cents each by mail.

Address,

The Massey M'f'g Co.,

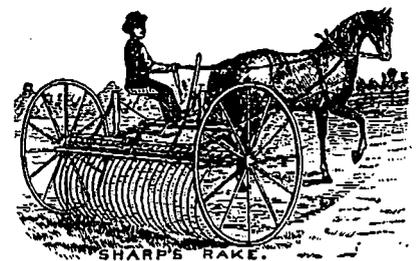
TORONTO, ONT.



THE MASSEY HARVESTER.



THE FAMOUS MASSEY MOWER.



WHO HAS NOT HEARD OF SHARPE'S RAKE?

The thousands upon thousands of them now in use is advertisement enough. You need not go far to see a sample. A child can operate it by hand or foot. It is the simplest, easiest operated, lightest and best hay or stubble rake ever invented.

