

IMPROVEMENTS
For Season 1878,
—IN THE—
Patent Fire-Proof
CHAMPION
Agricultural Engine

Lock up Safety Valve.
Nickle-plated to prevent rust. Is set at 100° pressure, over which pressure cannot be raised. A Silent Guard to prevent Explosion cannot be tampered with without detection.

Hood or Guard for Furnace Door.
To obviate the slightest danger of sparks escaping from furnace on opening door, we put on an extended mouth-piece, which effectually prevents any fire escaping from the furnace.



Heavier Wheels.
We make the fellos and spokes much heavier of thoroughly seasoned first-class oak. Heavier tires. Improved the construction of the hub. No stronger or more durable wheel is made.

Cool Hubs.
A non-conductor of heat placed between hub and boiler, prevents excessive heating of wheels.

In short we the most Perfect Agricultural Engine in the world. If any one wishing to purchase an Engine desires to test our Engine with any other Threshing Engine, we are willing to furnish an Engine on the understanding that the Engine that is found to be the best is purchased.

Insurance Companies place no Restrictions on this Engine. Address,
WATEROUS ENGINE WORKS CO.,
BRANTFORD, ONT.

THE "CHAMPION" RECORD
FOR 1877.

Over Thirty-five Thousand Machines Sold.

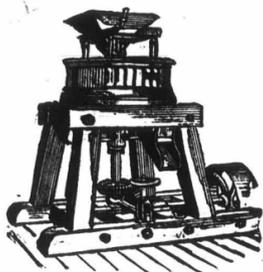
NO BREAKAGES—No vexatious delays in gathering the crops—NO CROPS DAMAGED while waiting for repairs—No telegraphing for repairs—NO REPAIRS TO BUY—No express charges to pay
—Easily adjusted to all kinds and conditions of grass or grain—A CHILD CAN
MANAGE IT—LIGHT IN DRAUGHT—A PERFECT MOWER
—THE BEST REAPER—The most simple and durable of all Harvesters—The best and cheapest machine in the market.

Purchasers Always Entirely Satisfied.
FOR 1878.

Forty Thousand Machines are being built,
Steel Frames being substituted for Wrought Iron Frames.
Malleable Iron chiefly used in place of Cast Iron.
Only Five Pieces of Cast Iron in Combined Machines
(Weight thereby reduced over Three Hundred Pounds).
Single Reapers, or Light Mowers.

The result is that the "Champion" will be the lightest in weight and draught of any machine in the market, and at the same time equally as strong and durable, and as free from liability to breakage as those built in 1877. The manufacturers are determined that it shall excel in every particular all other machines offered, regardless of first cost, and have therefore taken this UNPRECEDENTED STEP IN ADVANCE OF ALL THEIR COMPETITORS in the manufacture of Harvesting Machines. For further information, address,
JOSEPH HALL MANUFACTURING COMPANY, OSHAWA, ONTARIO.

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Of all Sizes, with or without the Motive Power.

PORTABLE MILLS
Including wood work, all set up before shipment, and plainly marked, accompanied by plans to erect by.

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CUSTOM MILL.

Portable Grist Mills.
ONE TWO AND THREE RUN OF STONES.
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Geraniums, Fuschias, Bedding Plants, Coleus, Asters, Stocks, Balsams, Petunias, etc., etc.
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By mail or express,

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