(12) **United States Patent**
Hale

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(54) **THRASHING MACHINE**

(76) Inventor: **Luke Hale**

Luke Hale of Hillsborough New Hampshire

Letters Patent.

The schedule referred to in these Letters Patent and making part of the same, containing a description in the words of the said Luke Hale, himself of his improvement in the machine for threshing grain.

To all whom it may concern.

Be it known that I Luke Hale of Hollis in the county of Hillsborough and State of New Hampshire, have invented an improvement in the machine for threshing grain, it being a portable machine, and the following is a full and exact description of my said invention to wit

The frame or box is made of common boards three and half feet long, four and half feet high, and eighteen inches wide, made square with a board in the centre, standing perpendicular, sixteen inches wide to filer, it being the width of the inside of the box and runs below the box one foot to form a leg; at one end are two posts four inches wide within the box, and the same length at the bottom as the sixteen inch board, and running up to the top of the box which forms all the standing parts within the square box and inside of the two posts is another box, half width and half without three feet and a half long, running to the centre of the square box, and as high as the square box, and as low as the floor or bottom of the posts, and six inches wide outside, with the upper corner cut as the inside of the lower corner also. In the centre of the narrow box, are placed the beaters and cleats, the beaters which consist of four, are placed in a cast iron hub, the beaters are round iron, with a shaft through the hub with a wheel on the shaft outside of the box, to band to.

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A hopper is on the side of the square box. The grain after being beaten, is thrown up by the beaters, upon a revolving endless screw, which separates the straw from the grain. Below the endless screws is a fan enclosed in a circular case which fans out the dust and the grain comes out at the bottom of the square box.

What I claim as my invention, is the manner in which the Machine is arranged.

Witnesses
Benjamin Talley
William Jones

Luke Wade

L.W.
H.H.

[468 w.]