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E. WARREN.
THRESHING MACHINE.

Patented May 17, 1833.

Fig. 1.

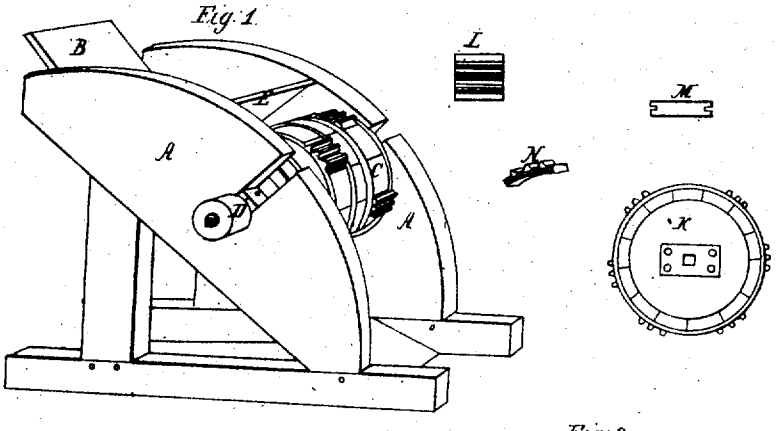


Fig. 2.

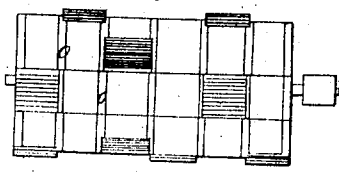
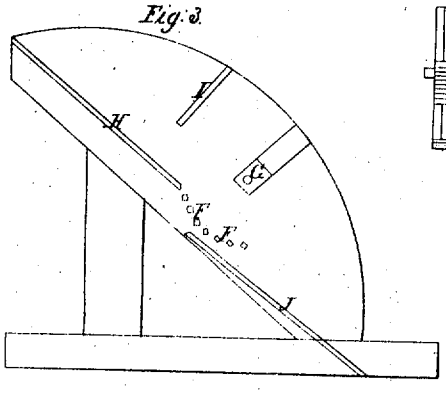


Fig. 3.



Witnesses;
Owen S. Warren
Wm. Thos. Dayton

Inventor;
Edmund Warren

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May 7. 1833

Edmund Warren

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 Edmund Warren himself, of his improvement in the Threshing Machine.

The frame is constructed of two bed pieces, two posts, and two side pieces. The bed pieces are about four feet long, the posts about two feet, and are placed in the back part of the bed pieces. The side pieces are about twelve inches wide, and about four feet two inches long, the front ends of which are attached to the bed pieces. The back part is confined to the tops of the posts. The incline is on an angle of about forty five degrees two cross pieces are placed in the posts and run in the forward part of the bed pieces, making the width two feet eight inches more or less, according to the grain to be supplied. The siege is for four horse power: sixteen inches wide is for one horse power. A cylinder is suspended about ten inches in front of the posts, the axle of which rests on the sides. The cylinder is formed by solid wood, or hollow, about eleven inches in diameter with the surface turned even.

About one fourth of the surface of the cylinder is covered with segments of wrought or cast iron about four inches long with wrought iron hoops within about three inches of each other. The segments of iron being so formed that the hoops pass into the ends of each about one half inch. Projections being in rows on each segment about one half inch from the base.

Two top pieces are placed on the side pieces over the axle of the cylinder, and the two side pieces at the back part form the entrance for the unthrashed grain. A concave of iron two with the edges up is placed under the cylinder covering about twelve inches of the cylinder. A cover is put upon the top over the cylinder, to prevent the dust or chaff from rising, and a fender on the back part of the entrance about twelve inches high to prevent the unthrashed grain from passing over the cylinder. A table is placed at the back part of the entrance

shoes

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taken in use of the height of the top of the cornice a little below the centre of the cylinder. The parts marked by me in the machine are the segments and heads of the cylinder so formed as to make a complete surface of great strength without the use of screws or nails, and also the form of the frame for cheapness and convenience

Engd. Wm Pyne

Mfd. Henry Hilliard

Edmund Warren

I. N. Goldsmith

(514 words)

(Petitd May 17 1833)

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