(No Model.)

J. H. BARR.

FEED BOARD FOR THRASHING MACHINES.

No. 457,948. Patented Aug. 18, 1891.

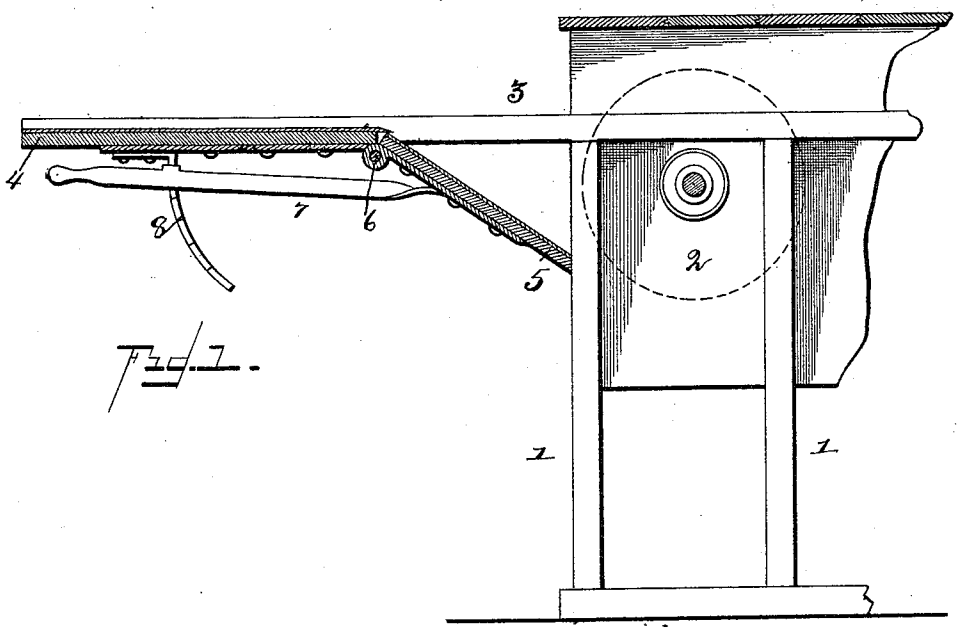


Fig. 1.

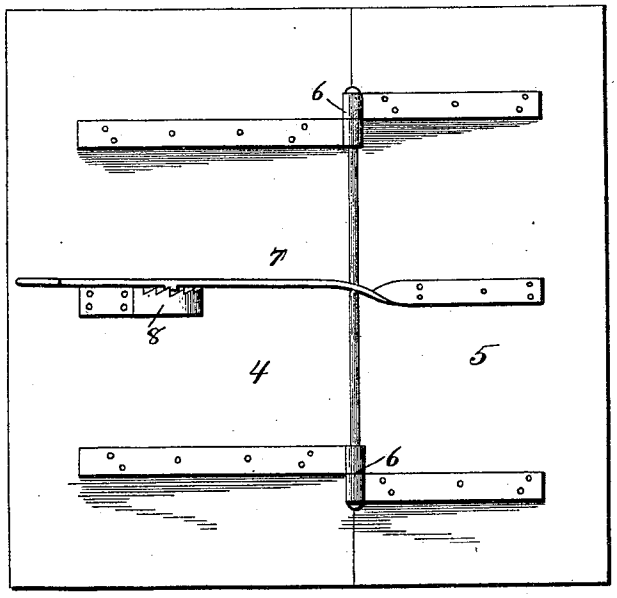


Fig. 2.

WITNESSES:

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UNITED STATES PATENT OFFICE.

JOHN HENRY BARR, OF MERIDEN, KANSAS.

FEED-BOARD FOR THRASHING-MACHINES.

SPECIFICATION forming part of Letters Patent No. 457,948, dated August 18, 1891.

Application filed February 18, 1891. Serial No. 381,912. (No model.)

To all whom it may concern.

Be it known that I, JOHN HENRY BARR, a citizen of the United States, and a resident of Meriden, in the county of Jefferson and State of Kansas, have invented certain new and useful Improvements in Feed-Boards for Thrashing-Machines; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

My invention relates to improvements in feed-boards for thrashing-machines, the object being to provide an adjustable board for the above purpose, the angle of which, with reference to the cylinder of the machine, can be regulated at will for the purpose of varying the size of feed-opening to suit different varieties of grain.

The invention consists in the novel construction and combination of parts, hereinafter fully described, and specifically pointed out in the claim.

In the accompanying drawings, Figure 1 is a longitudinal sectional view of a portion of a thrashing-machine with my improved feed-board applied thereto. Fig. 2 is a plan view of the board detached.

In the said drawings, the reference-numeral 1 designates the frame of the machine, and 2 is the beating-cylinder, which may be of any ordinary or suitable construction.

The numeral 3 denotes the side bars of the machine, which project outwardly, as shown in Fig. 1, and to which is secured one of the leaves of the adjustable feed-board. The feed-board consists of two parts or leaves 4 and 5, one of which 4 is secured to the side bars 3, as above set forth. The two leaves are hinged together by means of the hinges 6, the leaf 5 being adjustable with relation to leaf 4, so that its angle or inclination may be varied. The lower edge of the leaf 5 rests just in front of the beating-cylinder, so that the grain from the board can be readily fed thereto. Secured to the under side of leaf 5 is a forwardly-projecting lever 7, which is adapted to engage with a segment 8, having a series of ratchet-teeth, by means of which the leaf 5 can be adjusted and held in position.

The operation of the invention will be readily understood by those skilled in the art to which it pertains, and its advantages and merits will also be apparent, so that no detailed description is necessary.

Having thus described my invention, what I claim is—

The combination, with a thrashing-machine, of an adjustable feed-board made in two parts 4 and 5, the part 4 being rigidly secured to the side bars of the machine and provided with a downwardly-projecting segment having rack-teeth and the part 5 hinged to part 4 and provided with a rearwardly-extending lever adapted to engage with said segment, whereby the size of the feed-opening may be varied, substantially as described.

In testimony that I claim the foregoing as my own I have hereunto affixed my signature in presence of two witnesses.

JOHN HENRY BARR.

Witnesses:

L. M. ESHORN,

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