E. CHENEY.

ROCKING DEVICES FOR HARVESTERS.

No. 192,681. Patented July 3, 1877.

Fig: 1.

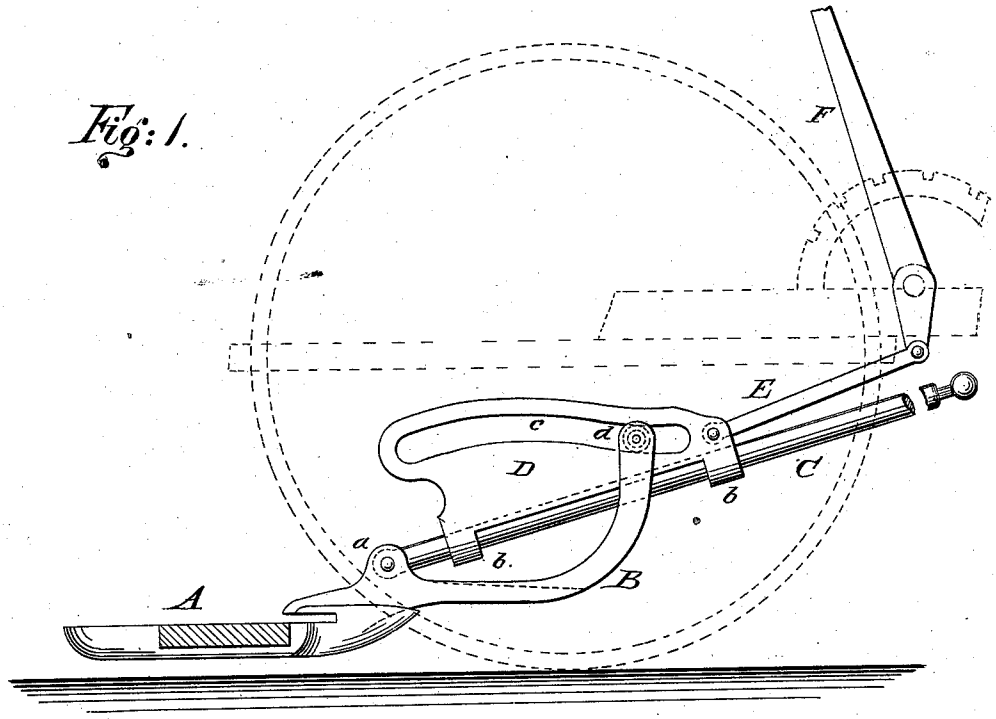
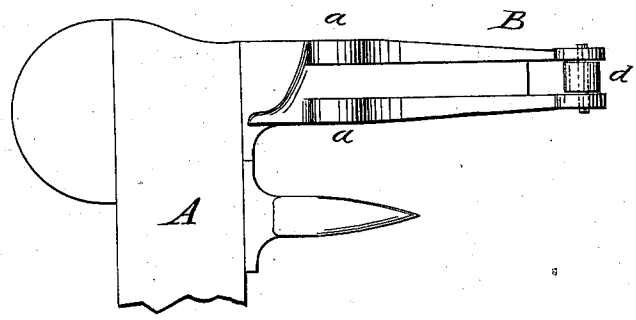


Fig: 2.



WITNESSES:

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IMPROVEMENT IN ROCKING DEVICES FOR HARVESTERS.

Specification forming part of Letters Patent No. **192,681**, dated July 3, 1877; application filed May 21, 1877.

To all whom it may concern:

Be it known that I, EDWARD CHENEY, of Geneva Lake, in the county of Walworth and State of Wisconsin, have invented a new and Improved Tilting Device for Harvesters, of which the following is a specification:

Figure 1 is a side view of my improved tilting device. Fig. 2 is a top view in detail.

Similar letters of reference indicate corresponding parts.

This invention relates to means for tilting the cutting apparatus of reaping and mowing machines; and the nature of my invention consists in combining, with the draw-bar and slotted shoe of the finger-bar, an adjustable cam or slotted wedge and a hand-lever, whereby the attendant can tilt the cutting apparatus, and give it any desired angle of inclination, as will be hereinafter explained.

In the annexed drawing, A designates the cutting apparatus of a reaper or mower, and B is the inner shoe, which is slotted vertically, and extended from the finger-bar forward and upward, as shown in Fig. 1. C designates a draw-bar, which is pivoted between ears *a*, formed on the shoe B, and also pivoted to the draft-frame. This draw-bar will allow the cutting apparatus to be tilted, and it will also allow it to be raised and depressed. D designates a cam or slotted wedge, which is connected by clips *b b* to the draw-bar C, and which is free to be moved on this bar in a direction with its length. The slot *c* in the cam is curved, as shown in Fig. 1, and receives an anti-friction roller, *d*, which is applied to the upper end of the shoe B. The cam or slotted wedge D has pivoted to it a rod, E, which is connected to a hand-lever, F, arranged in a position convenient to the driver's seat.

It will be seen from the above description that by vibrating the lever F the cam D is moved on the draw-bar, and the cutting apparatus is tilted. The cam acts positively on the shoe of the finger-bar, and the roller *d* prevents undue friction.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The slotted cam or wedge D, adjustable on the draw-bar C, and combined with the shoe B, substantially in the manner and for the purpose described.

EDWARD CHENEY.

Witnesses:

JOHN A. SMITH,

CHARLES S. FRENCH.