

C. D. READ.

Improvement in Cutting Apparatus for Harvesters

No. 128,326.

Patented June 25, 1872.

Fig. 1

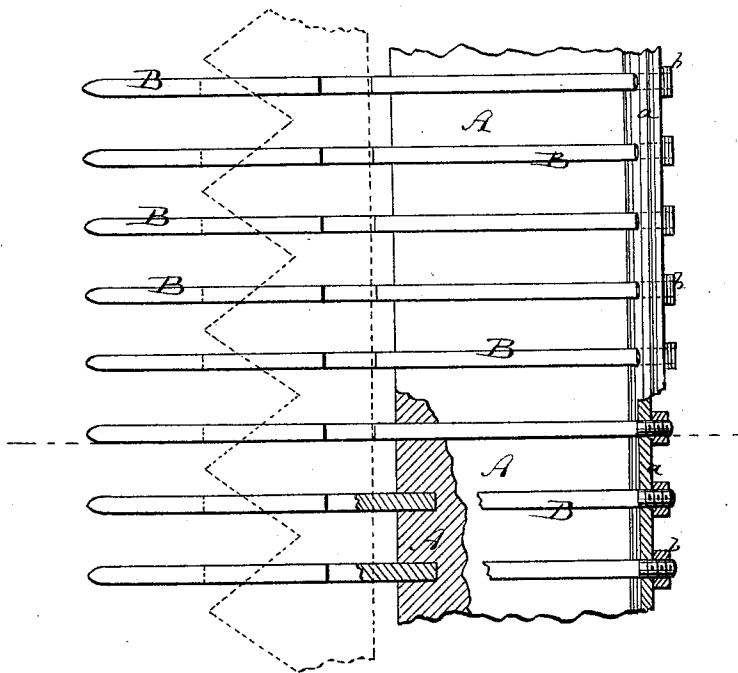
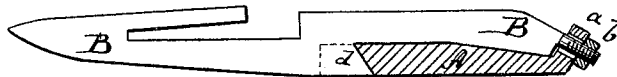


Fig. 2.



Witnesses:

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IMPROVEMENT IN CUTTING APPARATUS FOR HARVESTERS.

Specification forming part of Letters Patent No. 128,326, dated June 25, 1872.

Specification describing a new and Improved Harvester Finger-Bar and Finger, invented by CALVIN D. READ, of Ayer, in the county of Middlesex and State of Massachusetts.

Figure 1 represents a top view, partly in section, of my improved finger-bar. Fig. 2 is a vertical transverse section of the same.

Similar letters of reference indicate corresponding parts.

This invention has for its object to simplify the construction of the fingers and bar of a mowing-machine; and consists in constructing and arranging the same as hereinafter described.

A in the drawing represents the finger-bar. B B are the fingers. The finger-bar is rolled in form of the cross-section shown in Fig. 2, being made somewhat thinner toward the back, and with an upwardly-projecting flange, *a*, at the back edge. Each finger is made of plate-steel, and can be cut out at one operation, requiring afterward but a little further manipulation than the turning on of a screw-thread at the rear end for the reception of a nut, *b*. The slope on the face of the finger-bar serves in part to prevent longitudinal displacement

of the finger, and to take some strain off the nut *b*, which bears against the flange *a*, the latter being notched or perforated for the reception of the threaded parts of the fingers. In front the bar A is notched to admit beveled downward projections *d* of the fingers. These projections keep the fingers down on the bar, and prevent their backward displacement. The fingers are placed in such proximity to each other on the finger-bar that there will be two or three or more for every V-knife of the cutter-bar. This arrangement facilitates the operation of the knives.

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

The combination of the fingers B, provided with downward projections *d* and threaded rear ends, with the finger-bar A, notched at its front edge, and having the perforated flange *a*, as shown and described.

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