

THOMAS E. MARABLE.

Improvement in Straw Cutters.

No. 125,822.

Patented April 16, 1872.

fig. 1.

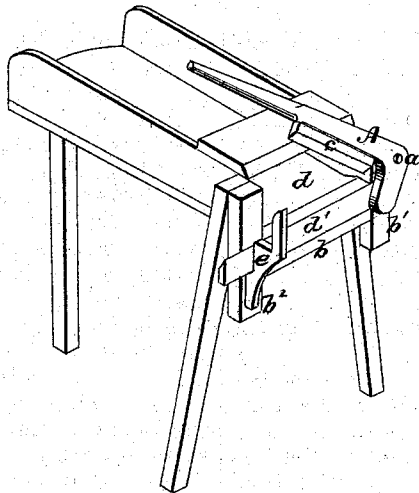
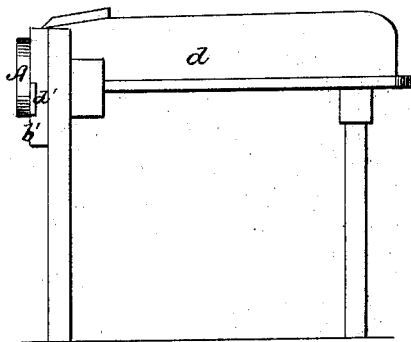


fig. 2.



Witnesses.

C. F. Brown.

J. E. Wener

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Thomas E. Marable

by *Geo. E. Brown.*

Atty.

UNITED STATES PATENT OFFICE.

THOMAS E. MARABLE, OF PETERSBURG, VIRGINIA, ASSIGNOR OF ONE-HALF
HIS RIGHT TO STARK A. PLUMMER, OF SAME PLACE.

IMPROVEMENT IN STRAW-CUTTERS.

Specification forming part of Letters Patent No. 125,822, dated April 16, 1872.

Specification describing an Improved Feed-Cutter, invented by THOMAS E. MARABLE, of Petersburg, Dinwiddie county, Virginia.

This invention consists in the combination, in the manner hereinafter described, of two blades, one reciprocating in a curve and the other horizontally, the former being rigidly attached to one arm of an elbow-lever, and the latter being pivoted to the extremity of the other arm of said lever, so that both blades are worked by the same lever.

Figure 1 is a perspective view, and Fig. 2 is a side elevation.

A is the elbow-lever aforesaid, the same being pivoted at *a* to an offset, *b*¹, of the front horizontal plate *b* of the machine-frame. The upper blade *c* is rigidly attached to the under side of the lever A in such a position that it will work across the end of the trough *d*, which holds the feed. The under blade *d'* is jointed at one end to the lower extremity of the lever A, said blade resting on a ledge formed lengthwise of the plate *b*, and playing in grooves formed crosswise of the offsets *b*¹ *b*²

of said plate, being held in said grooves by means of the elbow-lever A at one end, and at the other end by means of a socket, *e*, attached to the offset *b*², which socket also holds the lever A when turned down into a horizontal position. Either or both of the blades may be serrated along the edge, if preferred. When the lever A is worked, the blade *c* at every stroke shuts down past the blade *d'*, making a drawing cut in the same manner as a scissors-blade, and the blade *d'*, reciprocating horizontally, assists the blade *c* in severing the feed.

I claim as my invention—

The combination of the elbow-lever A with the blade *c*, attached directly to the lever A so as to work like scissors, and with the blade *d'*, pivoted at one end to the extremity of the elbow-lever, so as to reciprocate horizontally in connection with the blade *c*, all as specified.

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Witnesses:

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