

(No Model.)

H. A. WILLIAMS & W. A. PRESTON.

CUTTER BAR.

No. 265,906.

Patented Oct. 10, 1882.

Fig. 1.

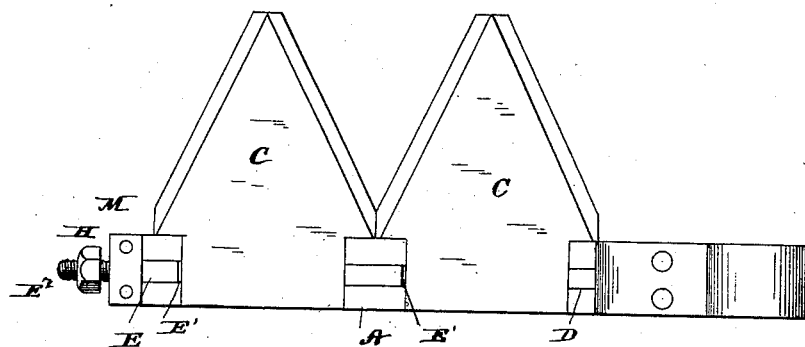


Fig. 2.

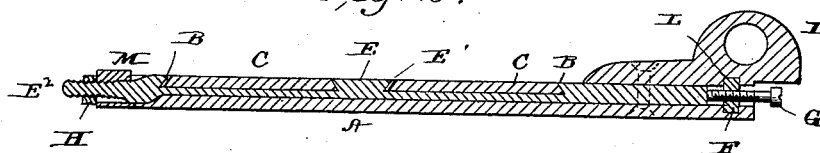
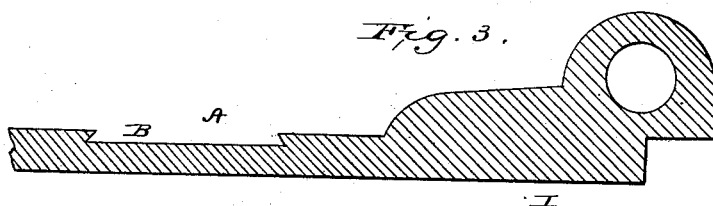


Fig. 3.



Witnesses.

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# UNITED STATES PATENT OFFICE.

HENRY A. WILLIAMS AND WILLIAM A. PRESTON, OF PRINCETON, INDIANA;  
SAID WILLIAMS ASSIGNOR TO SAID PRESTON.

## CUTTER-BAR.

SPECIFICATION forming part of Letters Patent No. 265,906, dated October 10, 1882.

Application filed May 9, 1882. (No model.)

*To all whom it may concern:*

Be it known that we, HENRY A. WILLIAMS and WILLIAM A. PRESTON, of Princeton, in the county of Gibson, and in the State of Indiana, have invented certain new and useful Improvements in Cutter-Bars; and we do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

This invention has for its objects to provide certain means whereby the knives or cutters may be secured to the cutter-bar of a harvester in a convenient and reliable manner. These objects we attain by the means illustrated in the accompanying drawings, in which—

Figure 1 represents a top view of a cutter-bar showing our invention; Fig. 2, a longitudinal section of the same; and Fig. 3, a sectional view of the eye portion of the cutter and a portion of the bar, showing both in one piece.

The letter A indicates the cutter-bar, which is provided with recesses B at suitable distances apart, having undercut sides for the reception of the shanks of the cutters or knives C, which are beveled at their edges so as to fit under the undercut sides of the recesses. The bar is provided with a longitudinal groove, D, which contains a bar, E, which is also provided with recesses E', having undercut sides corresponding to the recesses in the cutter-bar. The cutter-bar, near one end, is provided with a nut or screw-threaded bearing, F, through which passes a set-screw, G, which is adapted to bear upon the end of the longitudinal bar

E. The opposite end, E<sup>2</sup>, of the bar is screw-threaded and provided with a nut, H, as shown.

The letter I indicates the head of the cutter-bar, which is provided with an eye, and which may be made separately or in one piece with said bar, as may prove convenient. The said head is recessed at L, so as to fit over the screw-nut, and it projects beyond the end of the bar, so as to protect the set-screw from dirt and injury. The knives or cutters are held to their seats by forcing the longitudinal bar forward and holding it by means of the set-screw and nut, the undercut recesses in the said bar binding the cutters to their seats. The cutter-bar is provided with a plate, M, which sets over the end E<sup>2</sup> of the longitudinal bar and holds it in place.

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

In a cutter-bar, the combination, with the longitudinally-grooved and transversely-recessed main bar, provided with a head made integral therewith, and having an overhanging portion, of the adjusting screw or bolt and its bearing, whereby the binding-bar is protected, as set forth, and made to bind and hold the knives, substantially as described.

In testimony whereof we affix our signatures, in presence of two witnesses, this 24th day of March, 1882.

HENRY A. WILLIAMS.  
WILLIAM A. PRESTON.

Witnesses:

E. E. WILKINSON,  
ROBERT ERVIN.