

L. E. STILWELL.

Improvement in Harvester-Cutters.

No. 129,068.

Patented July 16, 1872.

Fig. 1.

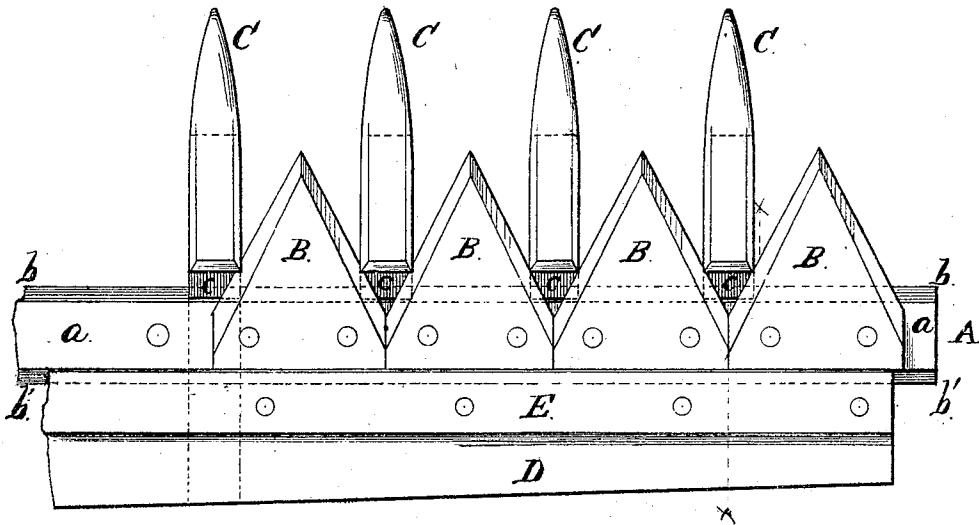
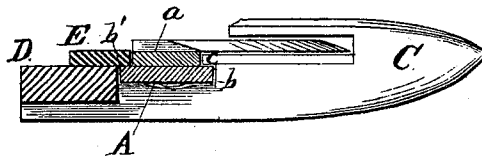


Fig. 2.



Witnesses.

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UNITED STATES PATENT OFFICE.

LEWIS E. STILWELL, OF FRANKLINVILLE, NEW YORK.

IMPROVEMENT IN HARVESTER-CUTTERS.

Specification forming part of Letters Patent No. 129,068, dated July 16, 1872.

To all whom it may concern:

Be it known that I, LEWIS E. STILWELL, of Franklinville, in the county of Cattaraugus and State of New York, have invented a new and useful Improvement in Sickle-Bars; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the accompanying drawing making a part of this specification, in which—

Figure 1 is a plan view; Fig. 2, a transverse section.

Like letters in both figures of the drawing indicate like parts.

The object of this invention is to prevent the cutter-bar from vibrating or springing from the cut, so that it will cut the grain clean without whipping it off; and the invention consists in constructing and combining the fingers with the cutter-bar and keeper, attached to the bar of the fingers, in such a manner as will prevent the dust from interfering with a free operation of the cutter-bar, as will be hereinafter more fully explained.

A is the cutter-bar, having a strap, *a*, attached to its upper side, the strap being narrower than the bar, so as to form a flange, *b'*, on each side. The cutters B are attached to the top of the strap, being riveted through it and the bar. C are the fingers, having their rear ends made to shoulder onto bar D, and attached thereto as ordinarily, so that the cutter-bar proper will come flush with the surface

of bar D, and hence admit of the keeper E, which is attached to the top of bar D, to lap squarely over the flange *b'* of the cutter-bar, the fingers having ledger-plates *c* projecting over the opposite flange *b*, thus forming a recess in each finger to receive and admit of the cutter-bar working freely therein without the liability of dust or dirt impeding its operation; and, as will be seen, the keeper and ledger-plates hold the cutter-bar down, so that it cannot vibrate or spring at any point along its cutting-line. This being the case, the cutter-bar will run with less power, cutting the grain clean without whipping it off or making a dragging-cut.

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

The cutter-bar A provided with strap *a*, so as to form a tongue or flange, *b*, on each side thereof, in combination with the fingers C having their rear ends constructed to shoulder onto bar D, in connection with the ledger-plates *c* and the continuous keeper E, all constructed and arranged in the manner and for the purpose as herein shown and set forth.

As evidence that I claim the foregoing as my invention, I have hereunto set my hand and seal in the presence of two witnesses.

LEWIS E. STILWELL. [L. S.]

Witnesses:

WILLIAM ELY,
WINFIELD S. HOVEY.