[47.]

WILLIAM J. OXER.

Improvement in Harvester Cutter.

No. 119 170. Patented Sep. 19, 1871.

Fig. 1

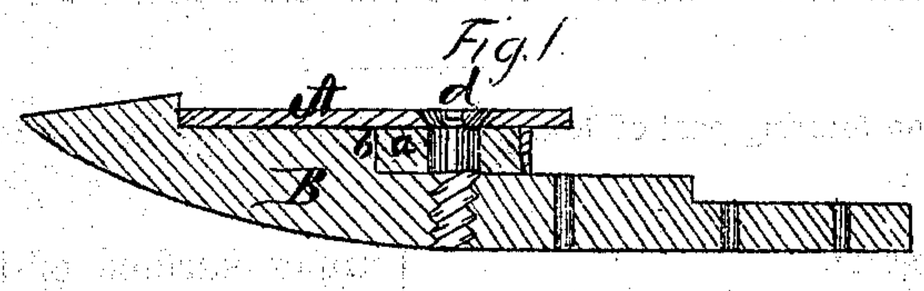


Fig. 2.

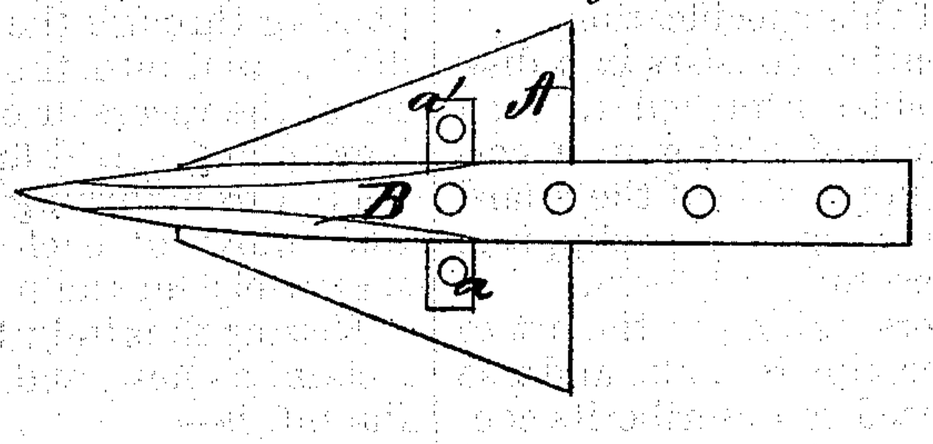


Fig. 3

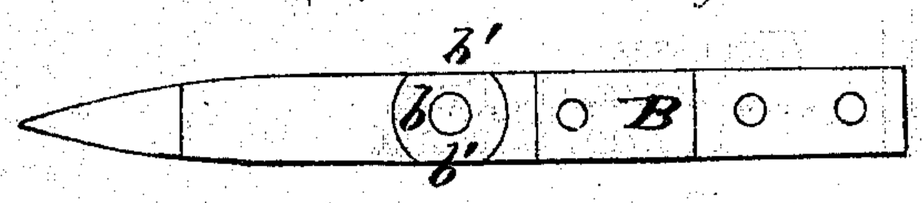
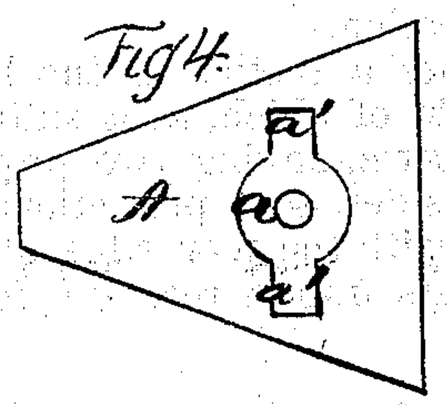


Fig 4.



Witnesses
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UNITED STATES PATENT OFFICE.

WILLIAM JAMES OXER, OF WILLIAMSPORT, INDIANA.

IMPROVEMENT IN HARVESTER-CUTTERS.

Specification forming part of Letters Patent No. 119,170, dated September 19, 1871.

To all whom it may concern:

Be it known that I, WILLIAM JAMES OXER, of Williamsport, in the county of Warren and in the State of Indiana, have invented certain new and useful Improvements in Leger-Plate Connection for Cutter-Bars; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon making a part of this specification.

The nature of my invention consists in a disk with projections on two sides attached to each leger-plate of a finger-bar, and fitting in a corresponding recess on the upper side of the guard to prevent the section from turning or slipping, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a longitudinal vertical section of one section of a guard-finger with its leger-plate attached. Fig. 2 is a bottom view of the same; and Figs. 3 and 4 are detached views of said guard and section.

A represents a section of the leger-plate, on the under side of which, at a suitable point, is secured a disk *a*, having two projections, *a' a'*, on opposite sides, said projections being on a line parallel with the rear edge of the section. The disk *a* fits into a recess, *b*, formed in the upper surface of the guard B a suitable distance in front of the place where the cutter-bar is usually situated. The recess *b* is circular to correspond with the disk *a*, and has openings, *b' b'*, cut in the sides for the projections *a' a'* to fit into. The disk, with its projections, is fastened to the leger-plate by means of a rivet through each projection, and a single screw, *d*, fastens the section to the guard; said screw passing through the section A, the center of the disk *a*, and into the guard B through the center of the recess or cavity *b*. By this means the leger-plate is held firmly on the guard and prevented from turning or slipping, and at the same time allows of each section being taken apart separately for the purpose of grinding.

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

The combination of a leger-plate A with disk *a* and projections *a' a'*, and the guard B with recess *b* and openings *b' b'*, the section and guard being joined together by means of a single screw, *d*, all substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 22d day of June, 1871.

WILLIAM JAMES OXER.

Witnesses:

DANIEL L. REIZ,

DANIEL BOWLUS.