

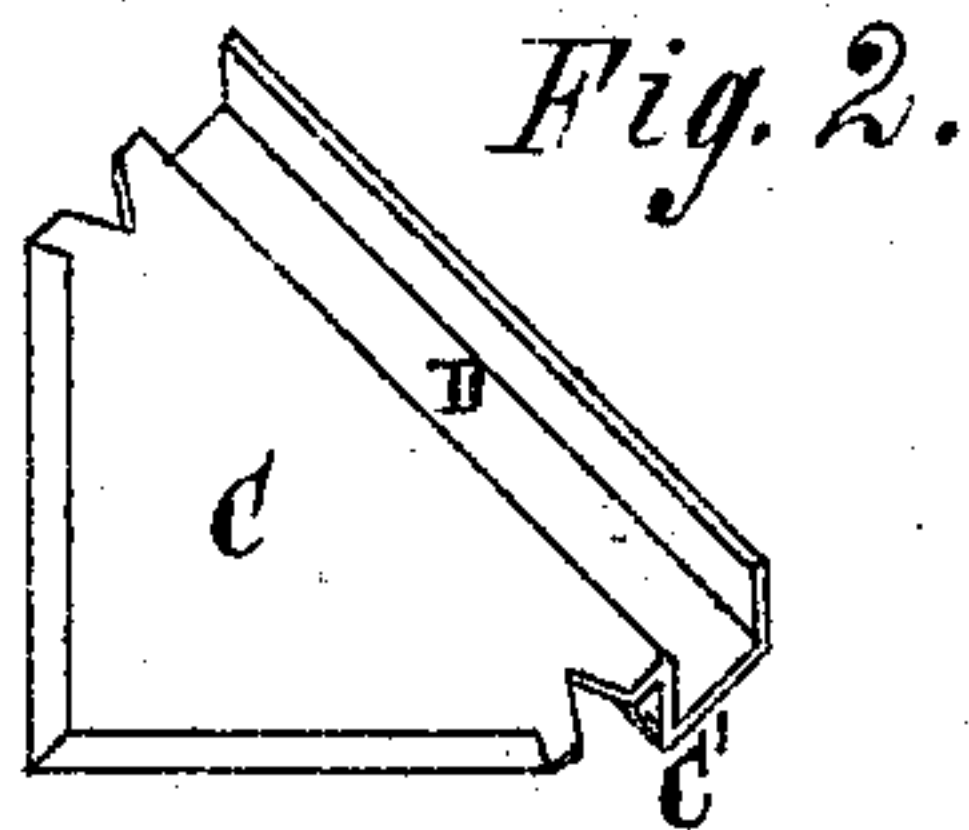
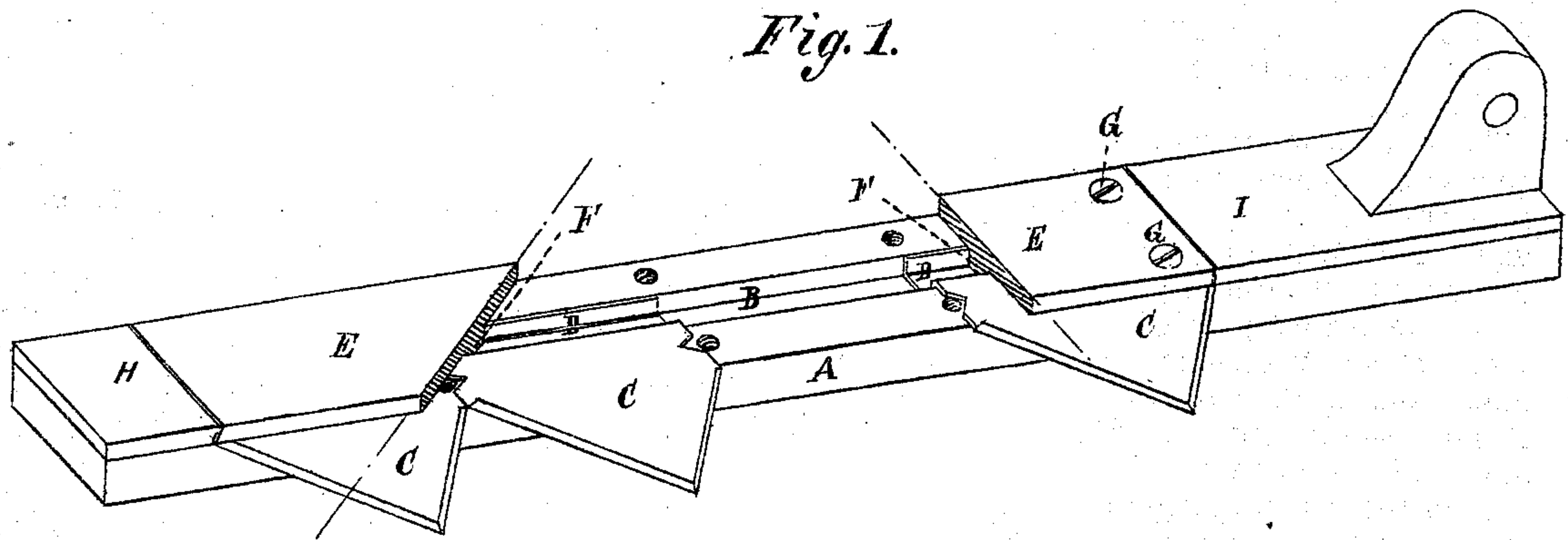
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J. A. BONHAM & A. J. HARRINGTON.

Improvement in Harvester Cutters.

No. 122,801.

Patented Jan. 16, 1872.



Witnesses:
G. Motters.
A. M. Tanner

Inventor:
J. A. Bonham.
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PER *[Signature]*
Attorneys.

UNITED STATES PATENT OFFICE.

JOHN A. BONHAM AND ALVAH J. HARRINGTON, OF LOVELY DALE, INDIANA.

IMPROVEMENT IN HARVESTER-CUTTERS.

Specification forming part of Letters Patent No. 122,801, dated January 16, 1872.

Specification describing certain Improvements in Harvester-Cutters, invented by JOHN A. BONHAM and ALVAH J. HARRINGTON, of Lovely Dale, in the county of Knox and State of Indiana.

This invention relates to an improvement in harvester-cutters; and consists in the peculiar construction of sectional cutters and in the manner of attaching the same to the cutter-bar, as will be hereinafter more fully described.

In the drawing, Figure 1 is a perspective view of the cutter-bar, with a portion of the plate holding the cutters in place broken away to show the invention. Fig. 2 is a detail view of one of the cutters.

A in the drawing represents the cutter-bar, formed with a longitudinal groove, B, in its upper surface, which extends to near both ends of the bar. C are the cutters, the rear portions of which are bent in the manner shown at C' in Fig. 2, so as to fit into the groove formed in the cutter-bar. D is a channel in the rear upper surface of the cutters, which is formed in the process of bending the cutters. E represents a detachable plate or bar for holding the cutters in position. F is a longitudinal rib formed on the lower surface of said fastening-plate, which rib is of a corresponding length to the groove in the cutter-bar and fits into the channels in the cutters. The fastening plate E is held securely in place when applied to the cutter-bar by means of screws

G, which pass through the plate and enter the cutter-bar, notches being formed in the edges of the cutters to allow said screws to be inserted. The longitudinal displacement of the fastening-plate, when in position, is further prevented by means of the stop-plates H I, against which the ends of the fastening-plate bear and the lateral displacement by means of the rib thereon.

From the above description it will be perceived that a cutter-bar for reaping and mowing-machines is produced which shall be simple in construction and more effective in operation, as each individual cutter is made separate and can thus be easily replaced when broken by simply removing the fastening-plate.

Having thus described our invention, what we claim as new, and desire to secure by Letters Patent, is—

The combination of the cutter-bar A, provided with the longitudinal groove B, with the cutters C and detachable ribbed fastening-plate E, as set forth.

The above specification of our invention signed by us this 7th day of November, A. D. 1871.

JOHN A. BONHAM.
ALVAH J. HARRINGTON.

Witnesses to both signatures—attest:

JOHN S. KING,
JOHN GILMORE.

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