

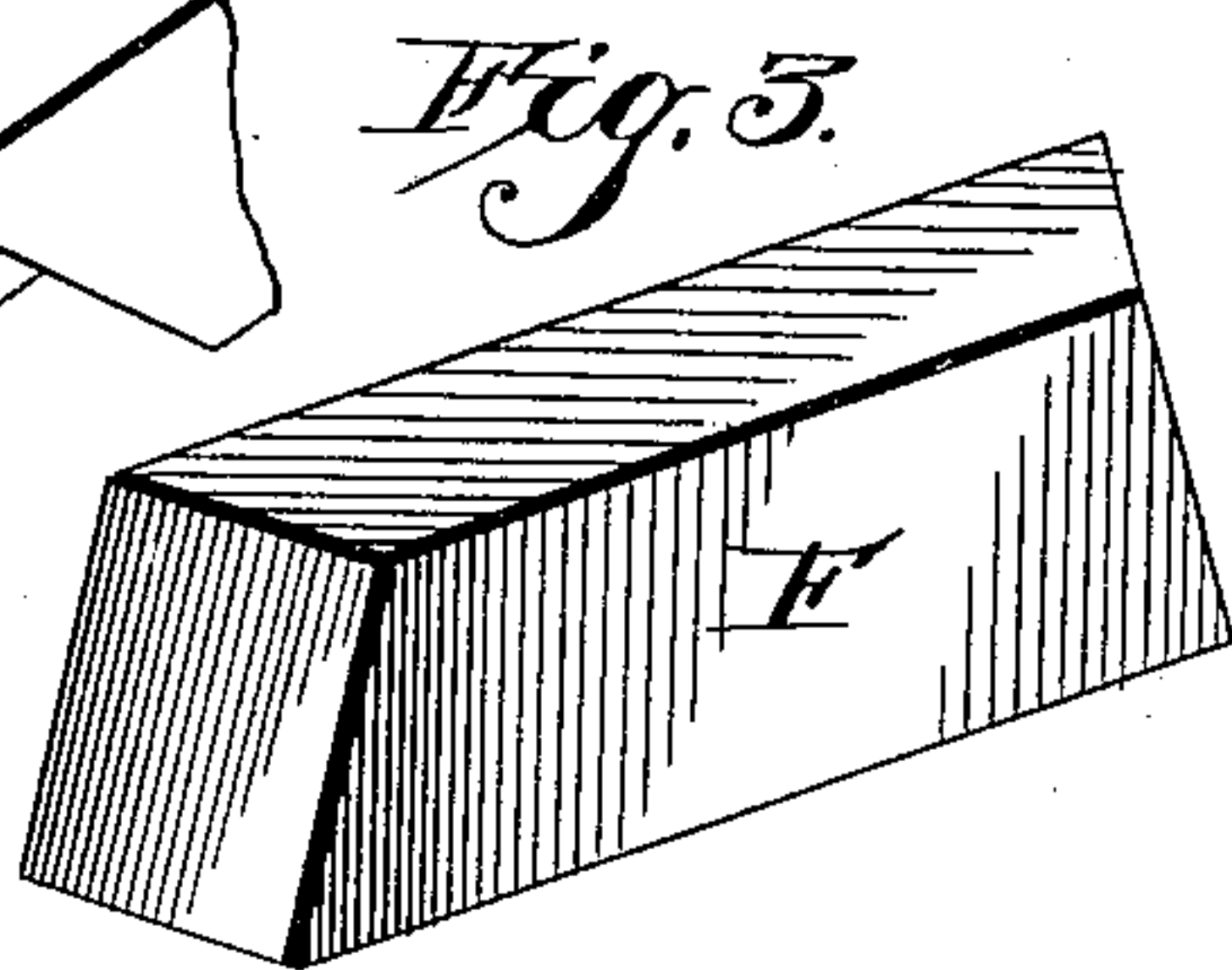
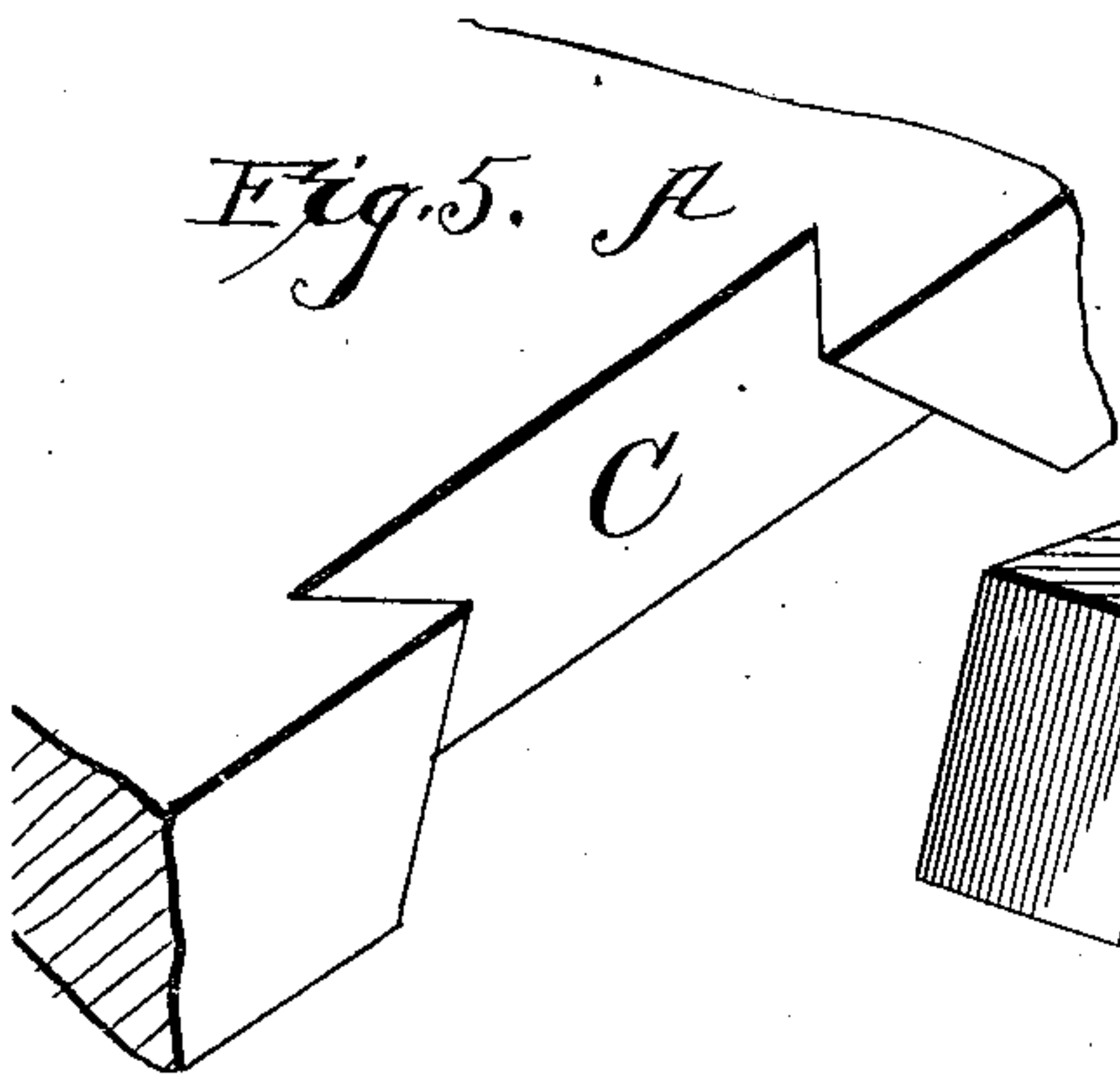
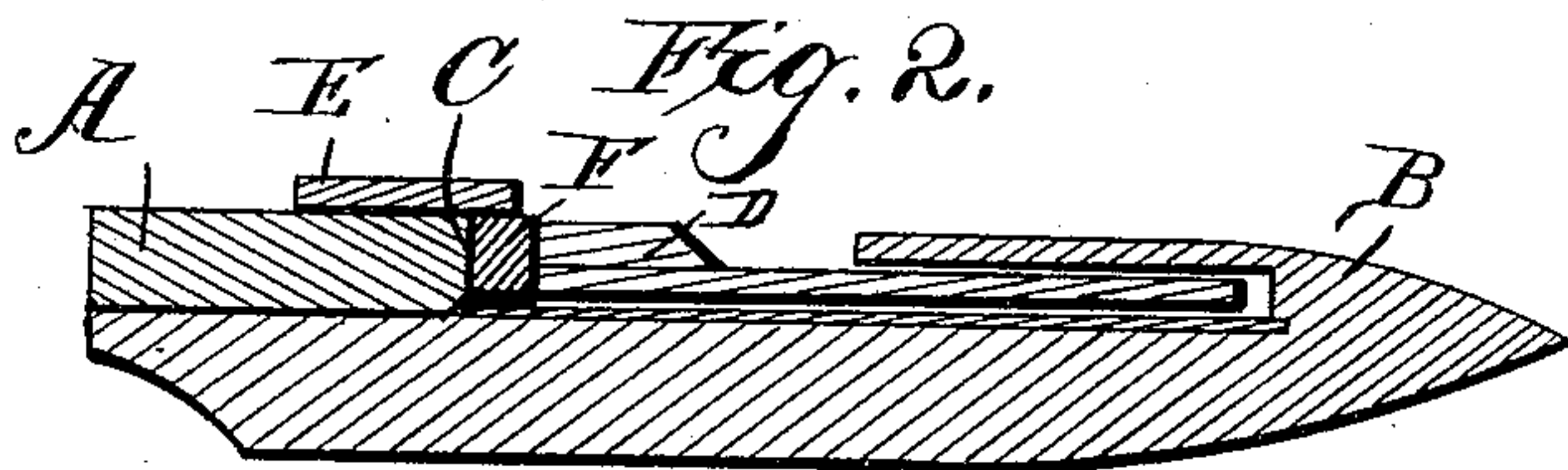
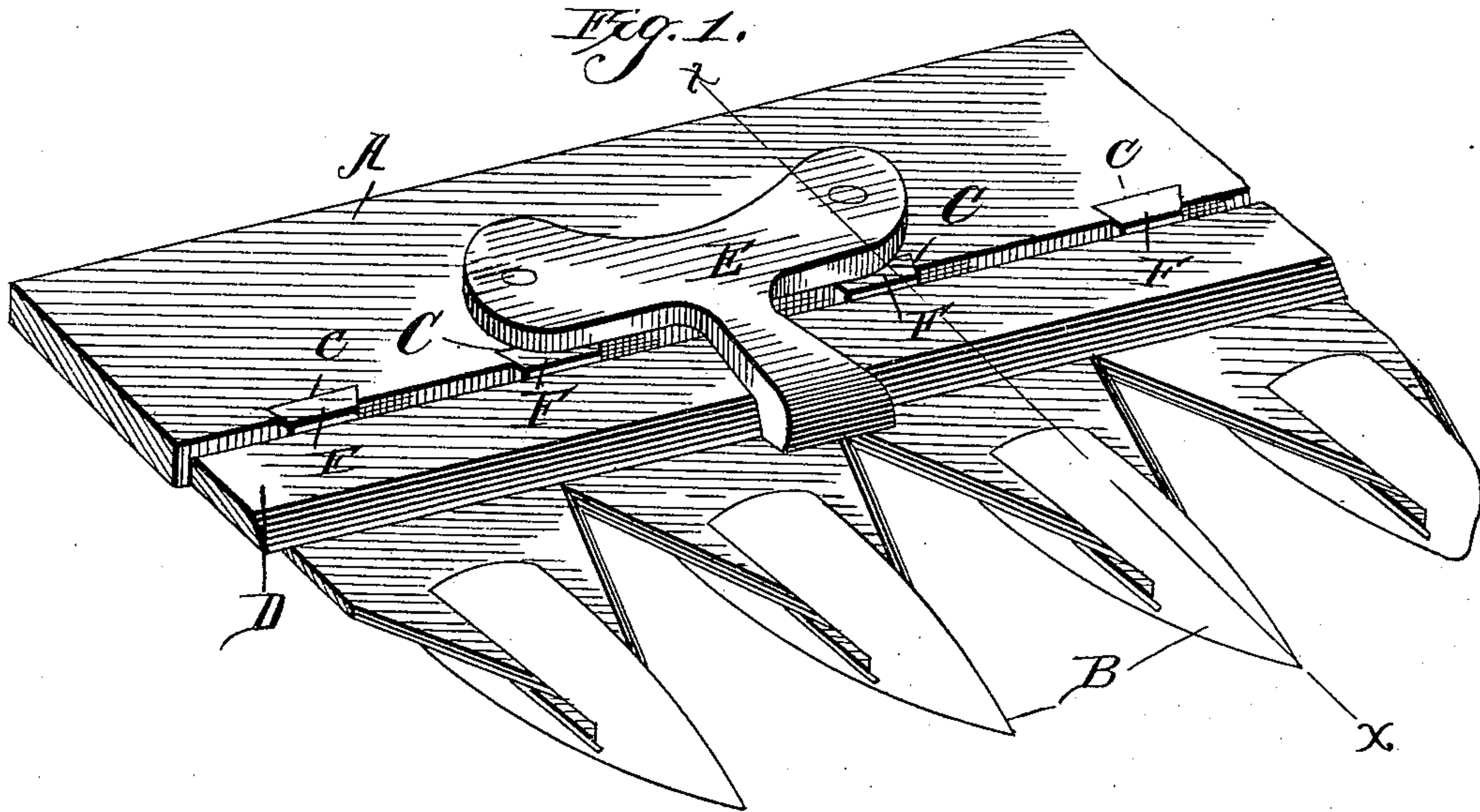
(No Model.)

A. WOMACK.

FINGER BAR FOR REAPERS, MOWERS, &c.

No. 407,387.

Patented July 23, 1889.



Witnesses
Henry J. Dietrich
A. E. May

Inventor
Alexander Womack

By *his* Attorneys
Chas. Snow

UNITED STATES PATENT OFFICE.

ALEXANDER WOMACK, OF EMMETT, IDAHO TERRITORY, ASSIGNOR OF ONE-HALF TO ANDREW KELLEY, OF SAME PLACE:

FINGER-BAR FOR REAPERS, MOWERS, &c.

SPECIFICATION forming part of Letters Patent No. 407,387, dated July 23, 1889.

Application filed February 5, 1889. Serial No. 298,768. (No model.)

To all whom it may concern:

Be it known that I, ALEXANDER WOMACK, a citizen of the United States, residing at Emmett, in the county of Ada and Territory of Idaho, have invented new and useful Improvements in Finger-Bars for Reapers, Mowers, &c., of which the following is a specification.

The invention relates to improvements in finger-bars for reapers, mowers, &c.; and it consists in a certain novel construction and combination of devices, fully described hereinafter in connection with the accompanying drawings, and specifically pointed out in the appended claims.

In the drawings, Figure 1 is a perspective view of a portion of a finger-bar provided with my improvements. Fig. 2 is a transverse sectional view of the same to show the relative positions of the parts. Fig. 3 is a detail perspective view of one of the removable blocks. Fig. 4 is a detail plan view of the same. Fig. 5 is a detail perspective of a portion of the finger-bar.

Referring by letter to the drawings, A designates the finger-bar, carrying the guard-fingers B B, and provided at its front edge, respectively over the said fingers, with the recesses C C.

D designates the cutter-bar, which fits at its rear edge close to the front edge of the finger-bar, and E designates the securing-plate, which is attached to the finger-bar and extends over the cutter-bar to hold the latter from rising at its rear edge.

The wear-blocks F are dovetailed, being beveled at their ends in two ways—namely, upwardly and forwardly—thereby making the rear side wider than the front side and the lower edge longer than the upper edge. The recesses C in the front edge of the finger-bar conform in shape to the blocks, so that the latter fit snugly therein, being inserted from the lower side of the finger-bar, and the lower edges of the blocks bear on the upper sides of the fingers, and are thereby prevented from dropping out of position. The blocks cannot

be raised vertically out of the recesses, and they cannot be drawn forwardly out of the same, owing to the beveled shape of their ends, and when worn out they may be removed by slipping them downward and may be replaced by new blocks. The front sides of the blocks project slightly beyond the front edge of the finger-bar, so as to receive the wear of the rear edge of the cutter-bar, and thereby protect the finger-bar.

I am aware that it is not broadly new to provide finger-bars with removable wear-blocks, and do not claim this; but heretofore it has been the practice to secure the said blocks in place by means of screws and similar devices, which, when the blocks become worn, are difficult to remove, and are also liable to rust in place, whereas the improved blocks are held in place by their peculiar shape, and when worn may be readily removed after removing the fingers.

Having thus described the invention, I claim—

1. The combination, with a finger-bar having dovetailed recesses in its front edge, said recesses having forwardly and upwardly converging end walls, of the wear-blocks fitted in the said recesses and having their ends converging upwardly and forwardly, and means for supporting the blocks, substantially as specified.

2. The combination of the finger-bar having guard-fingers attached thereto, of the wear-blocks beveled toward their front sides and toward their upper edges, fitted in similarly-shaped recesses in the front edge of the finger-bar and bearing at their lower edges on the fingers, respectively, whereby the latter serve to hold the blocks in place, substantially as specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

ALEXANDER WOMACK.

Witnesses:

JOHN L. PERKINS,
B. R. HUGHES.