

J. L. BARKLEY.  
Harness-Loop Press.

No. 224,983.

Patented Mar. 2, 1880.

Fig. 1.

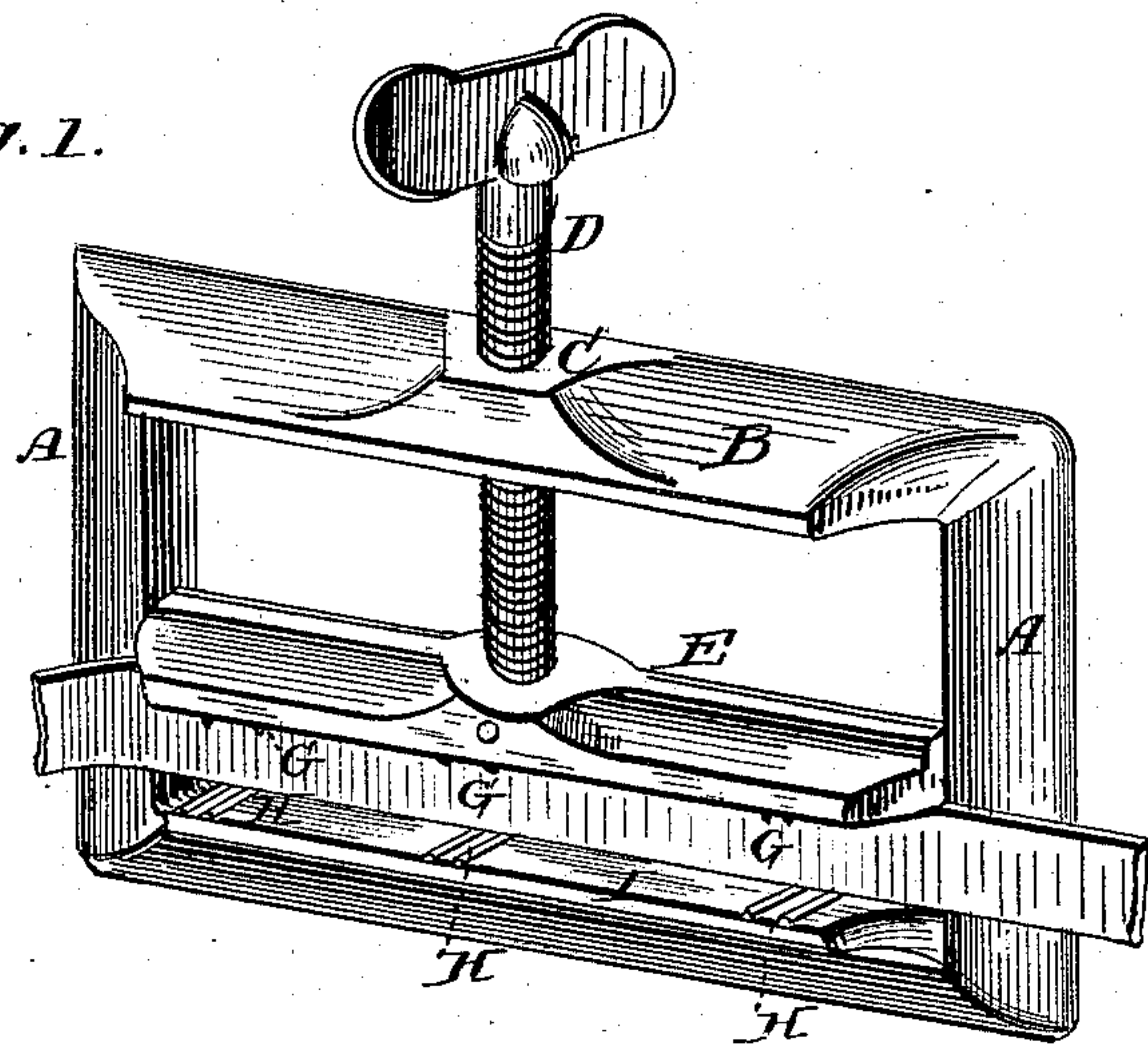


Fig. 2.

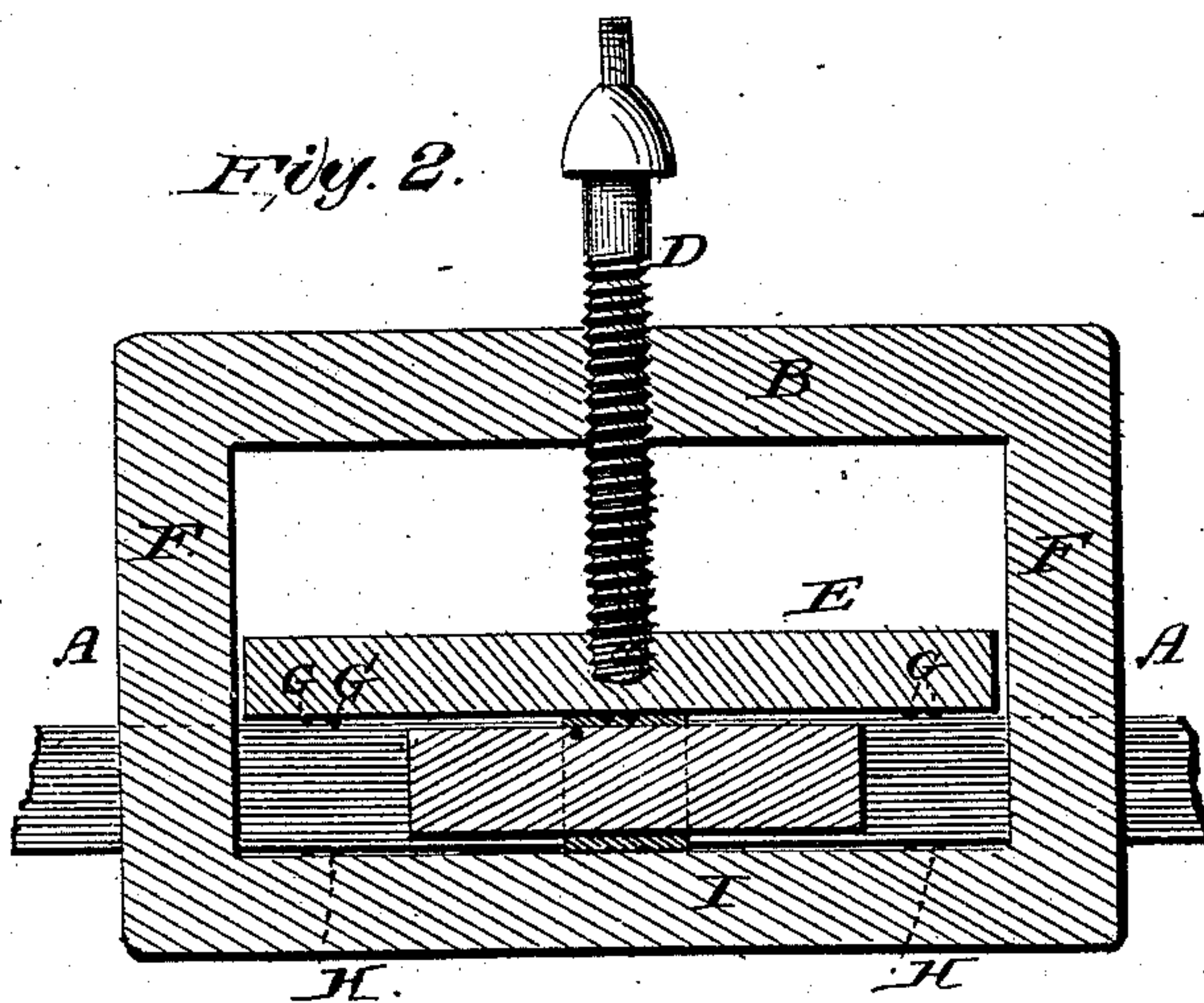
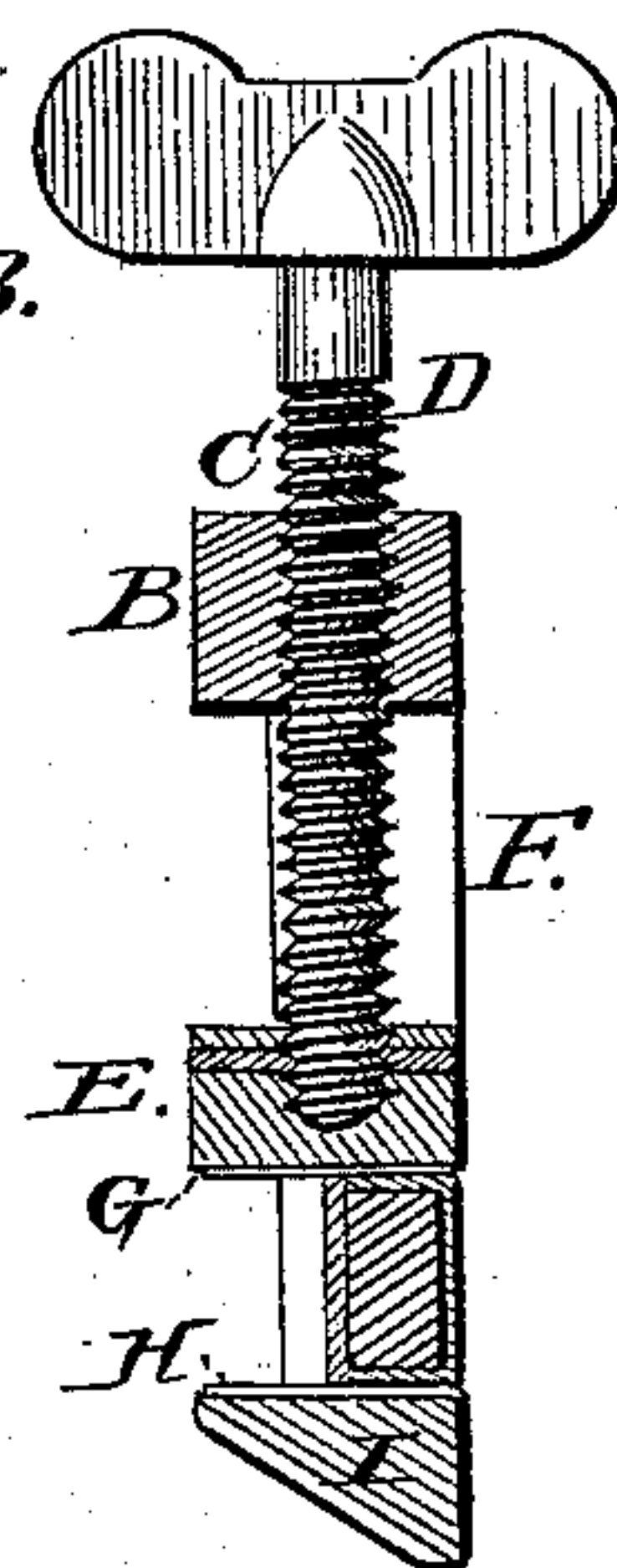


Fig. 3.



Witnesses:  
Fred. G. Dietrich

J. L. Littell,

Inventor:

John L. Barkley,  
by C. L. Snow & Co.  
Attys.



# UNITED STATES PATENT OFFICE.

JOHN L. BARKLEY, OF GEORGETOWN, KENTUCKY, ASSIGNOR OF ONE-HALF  
OF HIS RIGHT TO JAMES E. CANTRILL, OF SAME PLACE.

## HARNESS-LOOP PRESS.

SPECIFICATION forming part of Letters Patent No. 224,983, dated March 2, 1880.

Application filed December 15, 1879.

*To all whom it may concern:*

Be it known that I, JOHN L. BARKLEY, of Georgetown, in the county of Scott and State of Kentucky, have invented certain new and useful Improvements in Harness-Loop Presses; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

Figure 1 is a perspective view. Fig. 2 is a longitudinal vertical sectional view; and Fig. 3 is a vertical cross-section.

Corresponding parts in the several figures are denoted by like letters of reference.

This invention relates to devices for pressing or embossing tug or other harness-strap loops; and it consists in the peculiar construction of a metallic frame for such use, as will be hereinafter fully described, and particularly pointed out in the claim.

In the annexed drawings, A represents a rectangular frame, provided in its upper side piece, B, with a threaded perforation, C, for a thumb-screw, D, carrying at its lower end a follower, E, sliding between the end pieces, F F, which are provided with suitable guides for said follower. The follower is, upon its lower side or face, provided with several transverse ribs, G G, facing similar ribs H H upon the upper side of the lower frame-piece, I, the object of said ribs being to form ornamental grooves or indentations in the sides of the loop to be embossed.

The upper and lower frame-pieces and the follower are all of equal width; but the end pieces are somewhat narrower, as will appear by reference to Figs. 1 and 3 of the drawings, where it will be seen that the front sides of the follower and of the upper and lower frame-pieces are beveled at the ends for the purpose of reducing them to the width of the end pieces of the frame. The rear sides of the upper and lower sides and the end pieces of the frame

and the follower are all flat and in the same plane, as shown.

In operation a loop-stick, of cast-iron or other suitable material, is fitted in the loop, which is then placed edgewise in the frame and the follower screwed down upon it, thus securing it in position and at the same time making ornamental indentations in the sides of the loop. The strap upon which the loop is secured is accommodated between the lower frame-piece and the follower, the beveled ends of which enable the strap to rest upon the side pieces without danger of being injured when the device is placed in the press or vise. The die is now placed against the face of the loop and the machine placed in the press or vise, when any desired amount of pressure may be applied.

By this invention it will be seen that harness-strap loops may be embossed or pressed upon the sides and face at the same time, and after being secured upon the harness-strap, thereby saving much time and annoyance.

It will also be observed that the necessary pressure may be applied in a harness-press or in an ordinary vise with equally good results. Any ordinary kind of die may be used.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

The rectangular frame A, having follower E, provided with transverse ribs and operated by thumb-screw D, the front side of said frame and follower being beveled and the rear side flat and in the same plane, and the upper and lower frame-pieces, B I, and the follower being of greater width than the end pieces, F F, as set forth.

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

JOHN L. BARKLEY.

Witnesses:

M. T. BRADLEY,  
JAMES E. CANTRILL.