

(No Model.)

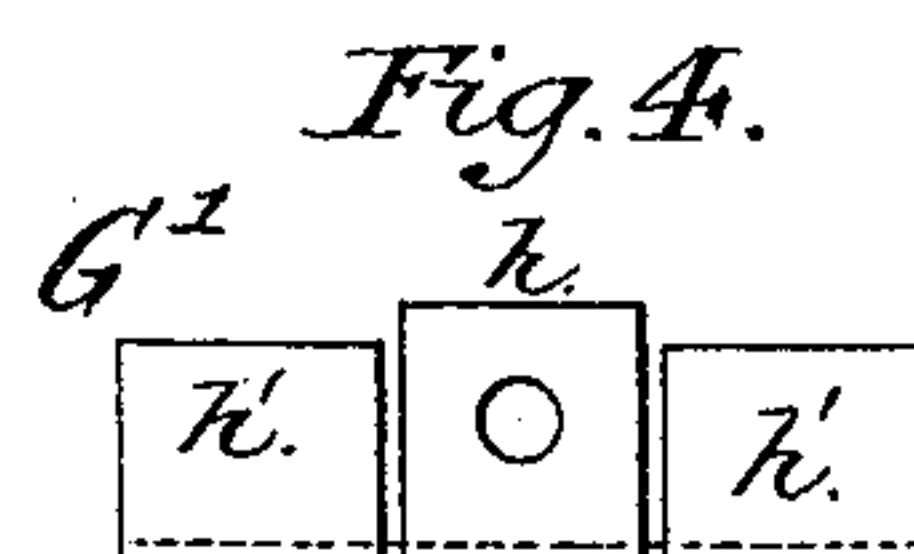
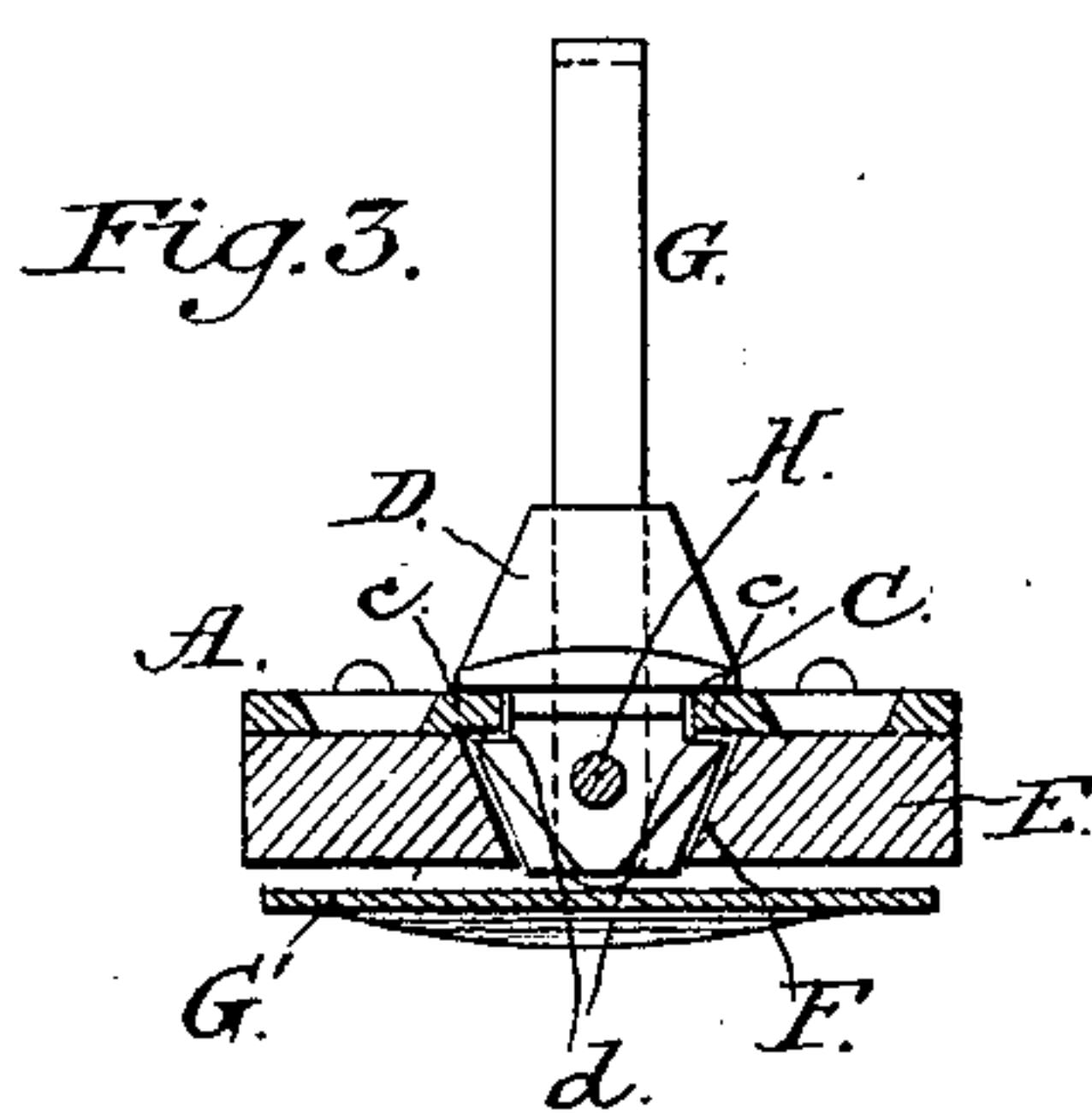
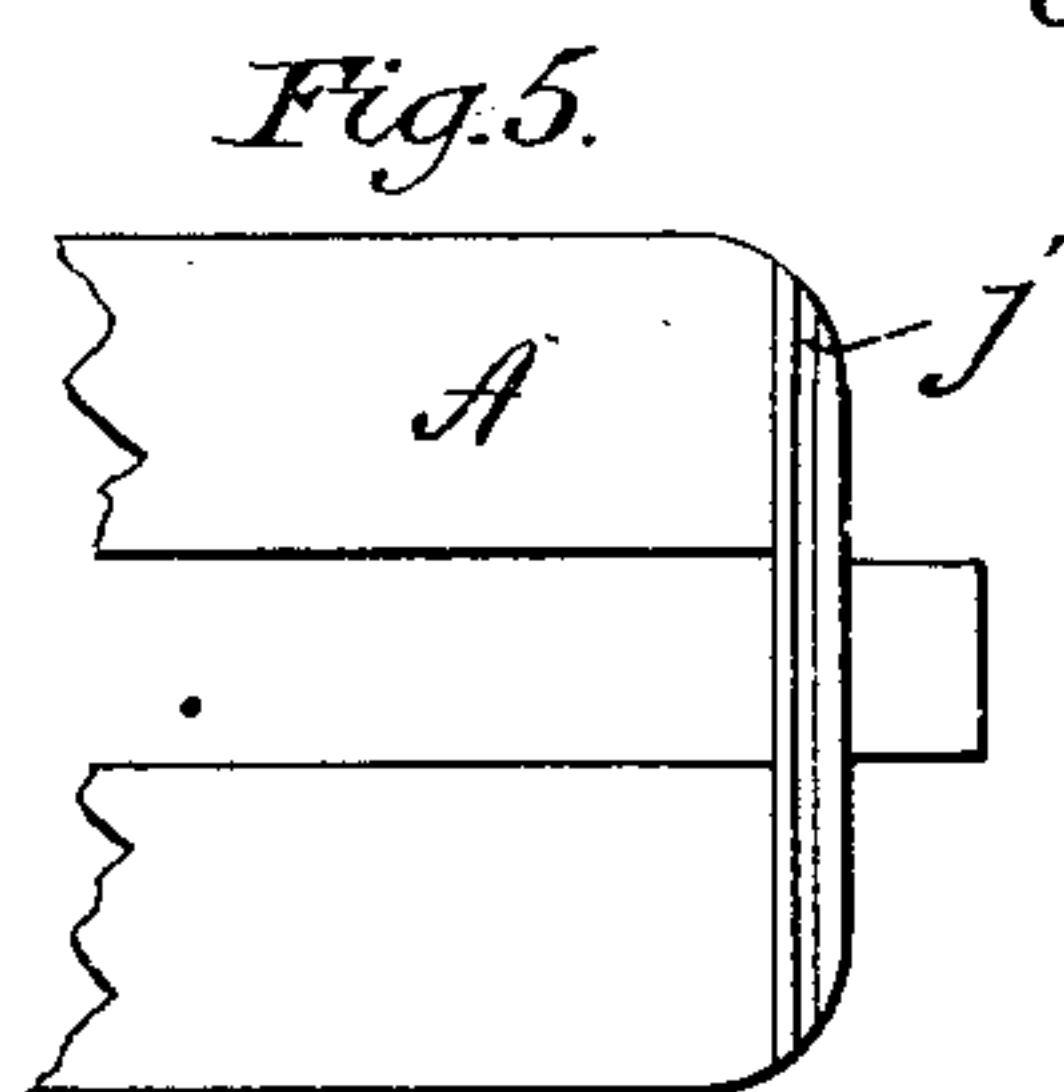
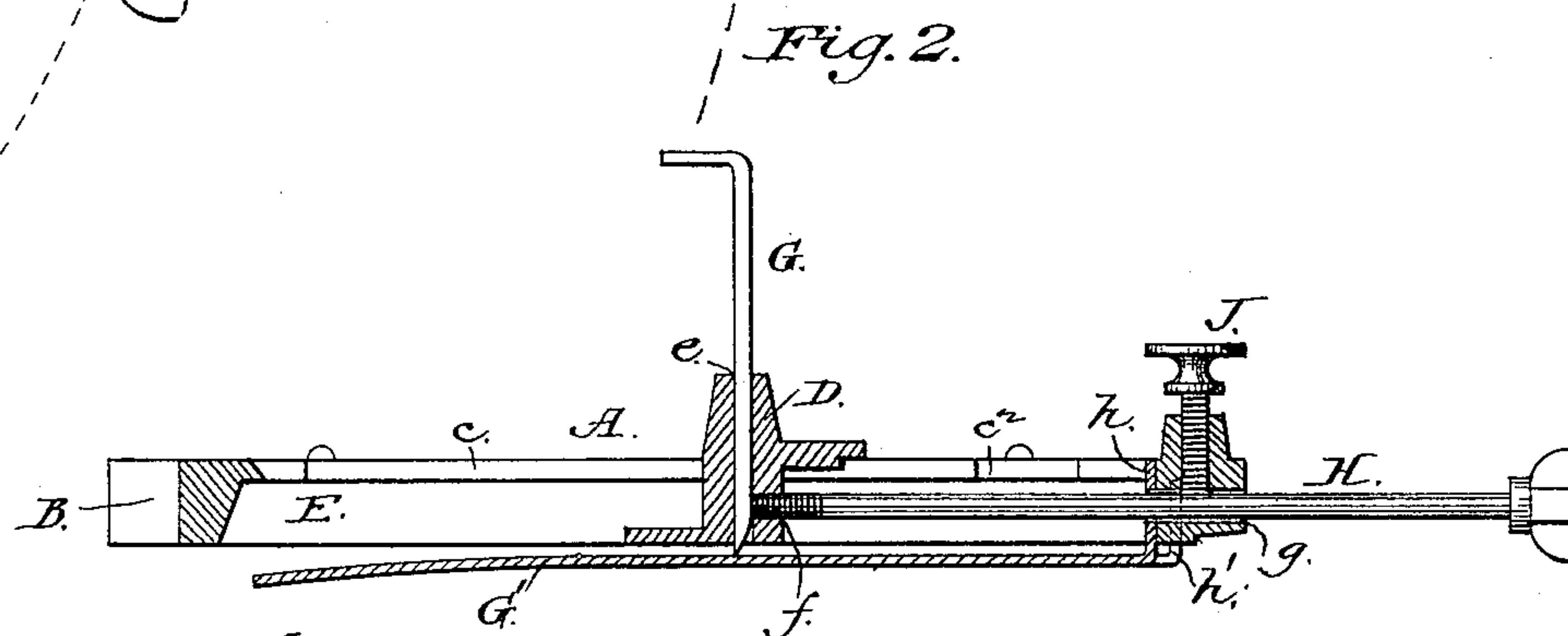
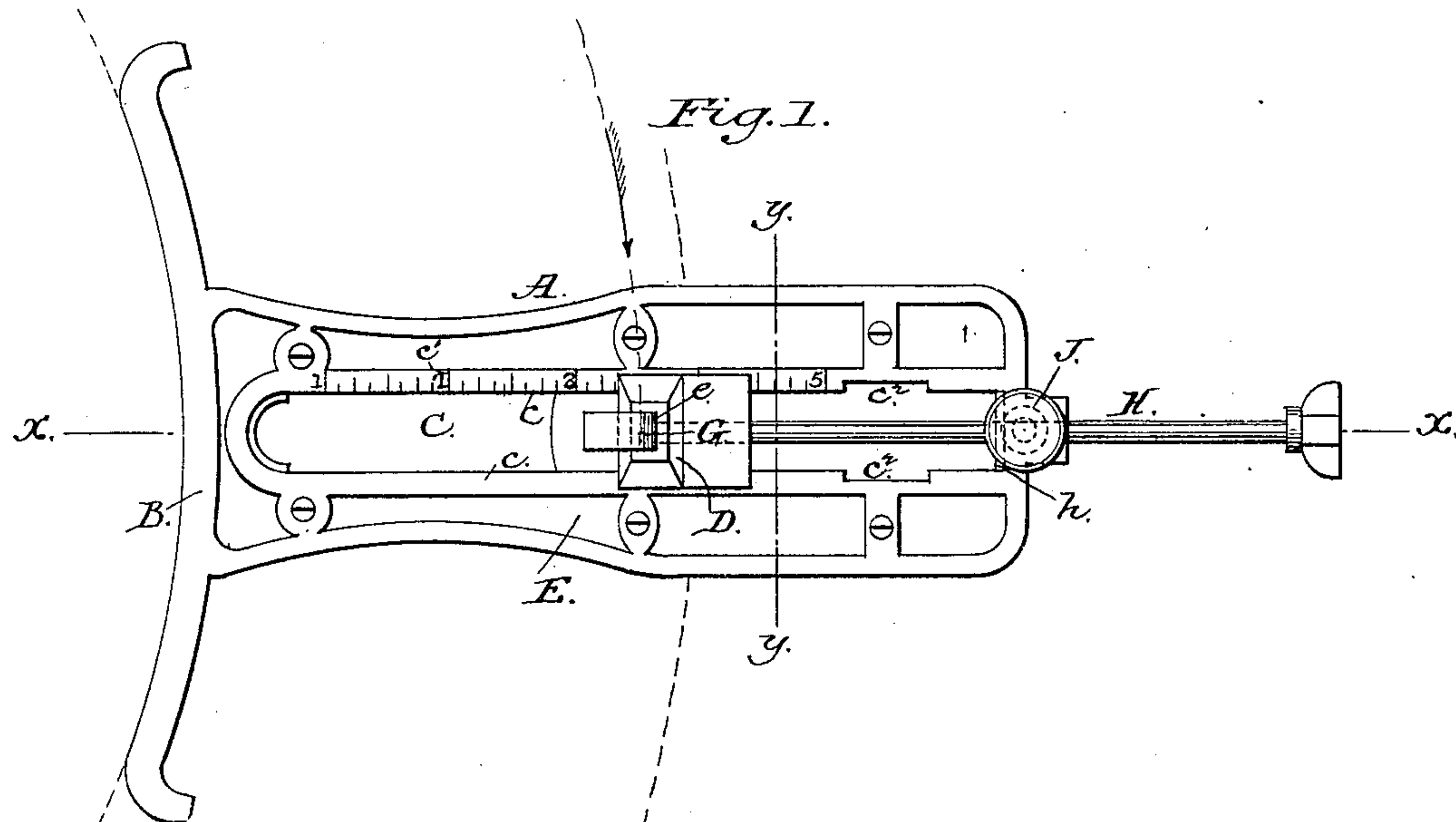
2 Sheets—Sheet 1.

M. HILD.

ROUNDING JACK FOR HAT BRIMS.

No. 368,397.

Patented Aug. 16, 1887.



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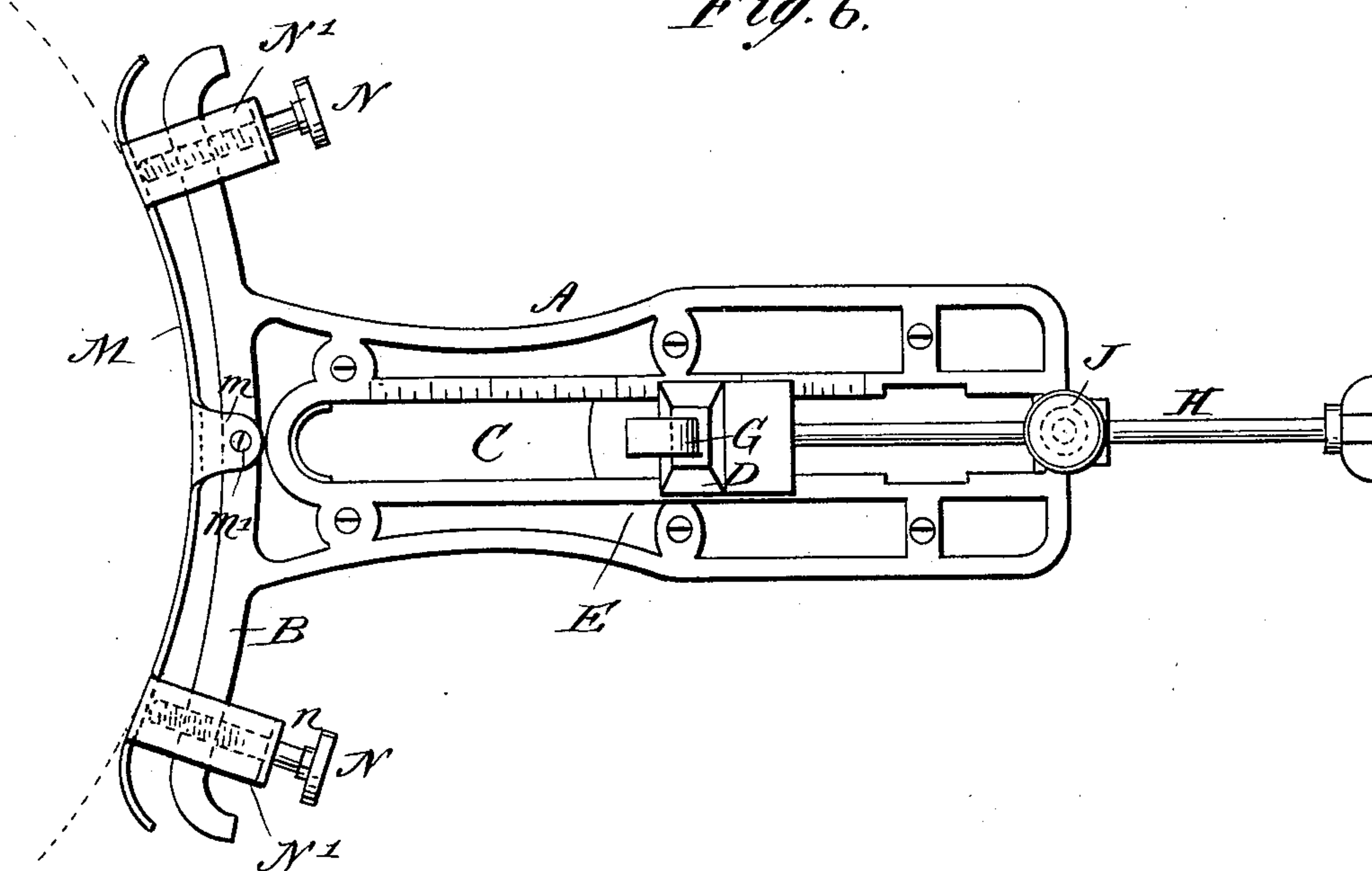
ATTORNEYS.

2 Sheets—Sheet 2.

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*Fig. 6.*



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# UNITED STATES PATENT OFFICE.

MICHAEL HILD, OF PHILADELPHIA, PENNSYLVANIA.

## ROUNDING-JACK FOR HAT-BRIMS.

SPECIFICATION forming part of Letters Patent No. 368,397, dated August 16, 1887.

Application filed December 3, 1886. Serial No. 220,576. (No model.)

*To all whom it may concern:*

Be it known that I, MICHAEL HILD, of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented new and Improved Rounding-Jacks for Hat-Brims, of which the following is a full, clear, and exact description.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a plan view of my new rounding-jack. Fig. 2 is a longitudinal sectional elevation of the same, taken on the line  $x x$  of Fig. 1. Fig. 3 is a transverse sectional elevation taken on the line  $y y$  of Fig. 1. Fig. 4 is an end elevation of the guard-plate removed. Fig. 5 is a detailed view of the frame, showing the slot for receiving the tongues of the guard; and Fig. 6 is a plan view showing the curved breast provided with an adjustable guard.

The invention will first be described in connection with the drawings, and then pointed out in the claims.

A represents a frame of metal or other suitable material, formed or provided with the curved breast B, and formed with the central longitudinal passage or way, C, for the knife-stock D. If the frame A be made of metal, it will be provided with a wooden backing, E, formed with a passage, F, to correspond with the way C in the frame A, and the passage F will be made somewhat wider than the passage C, to expose the edges  $c$  of the frame A, which are embraced by the knife-stock D and form guides therefor. The knife-stock D is formed with the side grooves,  $d$ , to receive the edges  $c$  of the frame A, and with the vertical opening  $e$  to receive the knife G, and it is also formed with the screw-threaded opening  $f$ , to receive the rod H, which acts as a set-screw to the knife G, and also as an adjusting-rod for moving the knife-stock in the groove C, to set the knife for any desired width of brim. The rod H slides freely in an opening,  $g$ , formed in the frame A, and a set-screw, J, is fitted in the frame A, to impinge upon the rod H, so that when the knife-stock is moved by the rod to the proper position it may be secured by turning down the set-screw. The upper surface of the frame A is graduated, as shown at

$c'$ , to facilitate the accurate setting of the knife-stock, and in order to remove the knife-stock from the frame A, I form clearances  $c^2$  in the edges  $c$ , as shown clearly in Fig. 1.

G' represents the guard-plate for supporting the brim to be cut by the knife G, and it may be detached from the frame A, so that it may be used or not, as desired, and I prefer to attach it to the frame A by means of the tongue  $h$ , through which the rod H passes. At either side of the tongue  $h$  are formed the side tongues,  $h'$ , which enter a slot,  $j$ , made in the frame A, (shown in Fig. 5,) so that said tongues prevent the guard from lateral movement.

In Fig. 6 I have shown the curved breast B provided with a flexible guard, M, the ends of which may be adjusted by the screws N, threaded into the guard to form a curve of greater or less radius, according to the size of the hat-crown. The guard is formed with the central lip,  $m$ , secured to the center of the breast B by a screw,  $m'$ . At or near its ends the guard is formed with the plates N', through the lips or flanges  $n$  of which the screws N pass, so that the guard is held in place at its ends by the screws.

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

1. A rounding-jack having the breast B and formed with a passage, C, in combination with the knife-stock D, adjustably held in said passage, substantially as described.

2. In a rounding-jack, the knife-stock D, held by the flanges  $c$ , in combination with a rod attached to the stock for adjusting it, substantially as described.

3. In a rounding-jack, the rod H, held loosely in the main frame and screwed into the knife-stock for securing the knife, substantially as described.

4. In a rounding-jack, the main frame provided with a sliding knife-stock and sliding adjusting-rod attached to the knife-stock, in combination with a set-screw for locking the adjusting-rod, substantially as described.

5. The guard K, formed with a tongue, in combination with the main frame, the knife-stock, and the rod H, substantially as described.

6. The frame A, formed with the slot  $j$  and

the rod H, in combination with the guard K, having tongues *h h'*, substantially as described.

7. The guard M, provided with the lip *m*, in combination with the adjusting-screws N,  
5 passed through the breast B, substantially as described.

8. The guard M, formed with the flange *m*,

and plates N', having flanges *n*, in combination with the breast B and the adjusting-screws N, substantially as described.

MICHAEL HILD.

Witnesses:

H. A. WEST,  
C. SEDGWICK.