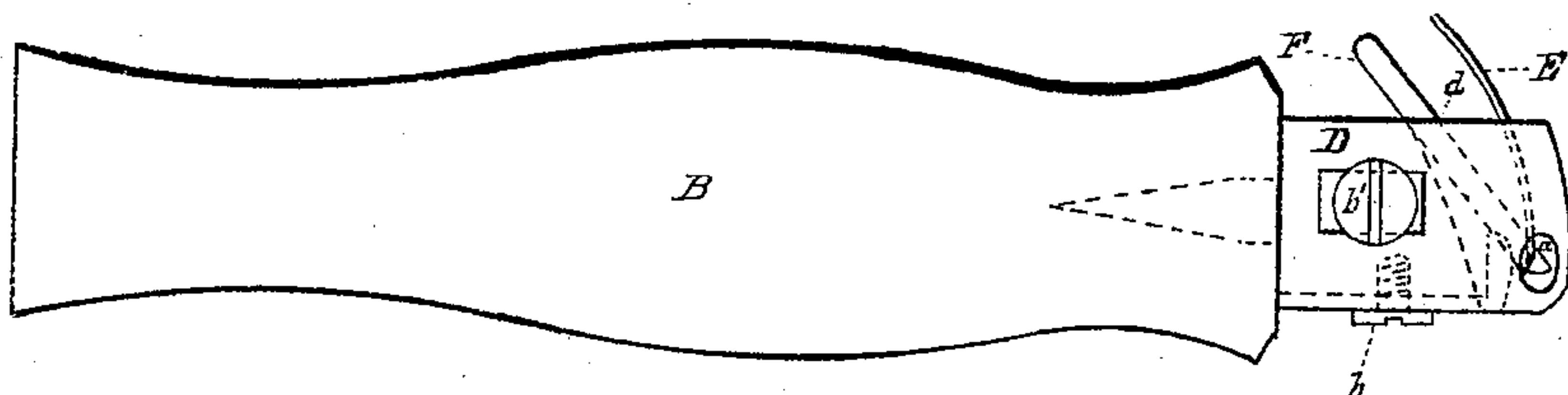
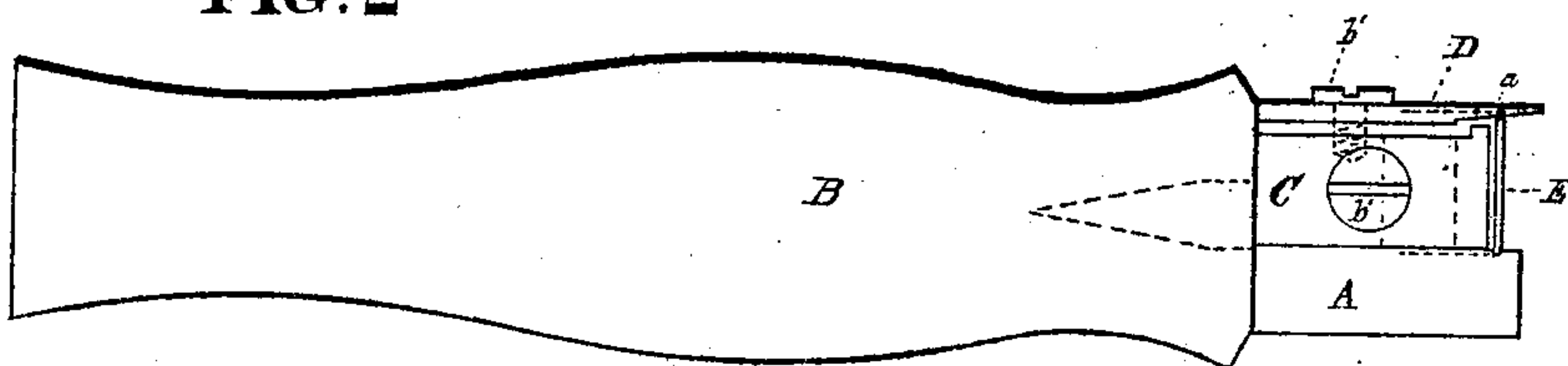


**B. J. TAYMAN.**  
**Edge Planes for Trimming the Soles and Welts**  
**of Boots and Shoes.**  
 No. 139,034. Patented May 20, 1873.

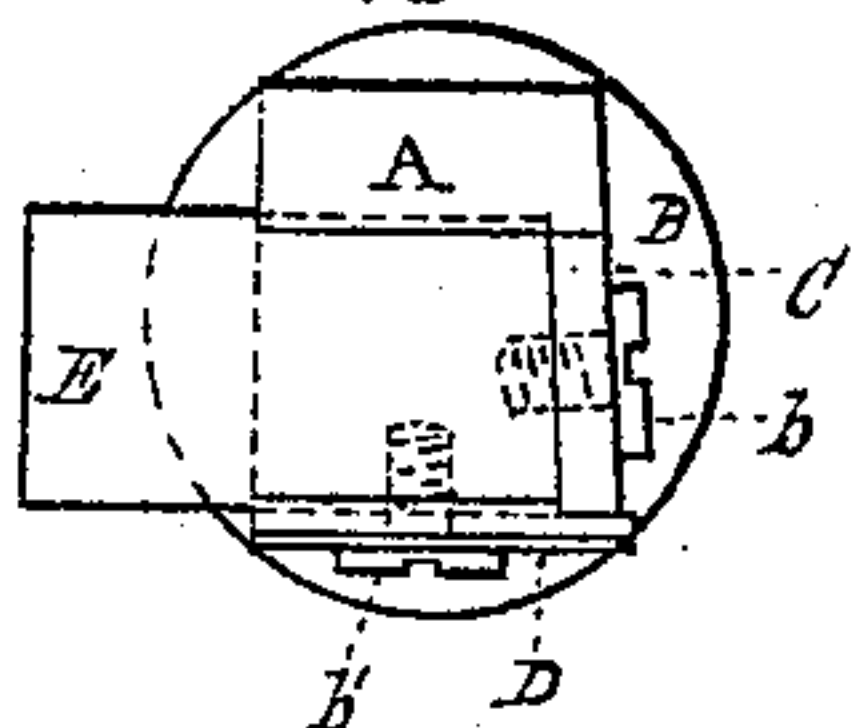
**FIG. 1**



**FIG. 2**



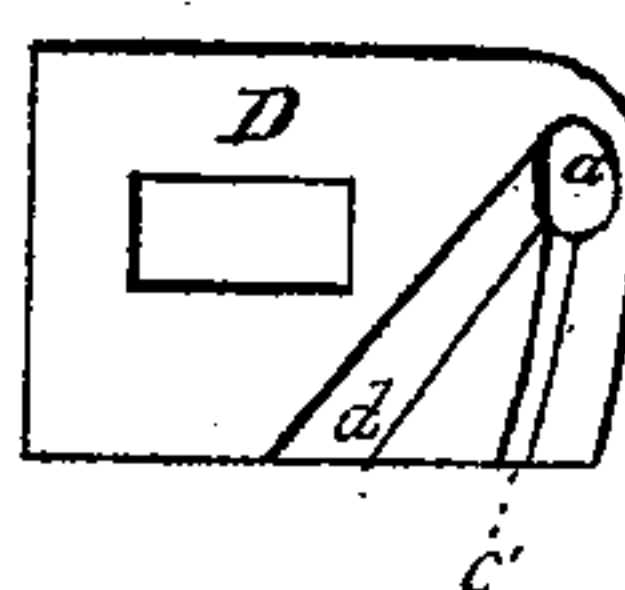
**FIG. 3**



**FIG. 4**



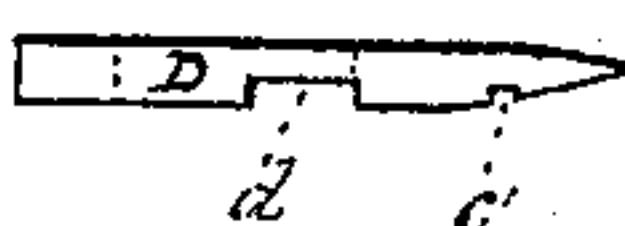
**FIG. 6**



**FIG. 5**



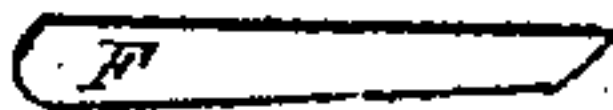
**FIG. 7**



**FIG. 8**



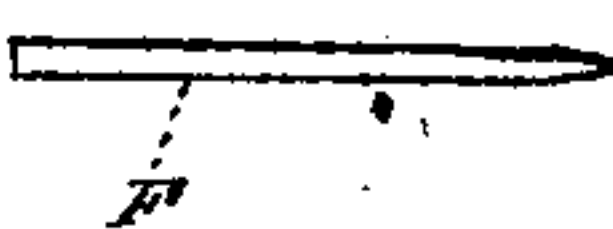
**FIG. 10**



**FIG. 9**



**FIG. 11**



WITNESSES

*Thomas J. Bewley*  
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INVENTOR.

*Benjamin J. Tayman*  
 By His Attorney  
*Stephen W. Wick*

# UNITED STATES PATENT OFFICE.

BENJAMIN J. TAYMAN, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN EDGE-PLANES FOR TRIMMING THE SOLES AND WELTS OF BOOTS AND SHOES.

Specification forming part of Letters Patent No. **139,034**, dated May 20, 1873; application filed September 28, 1872.

*To all whom it may concern:*

Be it known that I, BENJAMIN J. TAYMAN, of the city of Philadelphia and State of Pennsylvania, have invented certain Improvements in a Hand-Plane for Trimming the Soles and Welts of Boots and Shoes, of which the following is a specification:

My invention relates, mainly, to the combination of a knife for trimming the soles, and a cutter for trimming the welts, and a gage, guard, and lip with the cutter-stock. The invention also relates to an opening in the guard for the passage of shavings from the welt-cutter.

Figures 1 and 2 are side views, at right angles to each other, of the improved tool. Fig. 3 is an end view of the same. Figs. 4 and 5 are views, at right angles to each other, of the gage C. Figs. 6 and 7 are like views of the guard D. Figs. 8 and 9 are like views of the knife E. Figs. 10 and 11 are like views of the welt-cutter F.

Like letters in all the figures indicate the same parts.

A is the stock, and B the handle. C is the gage; D, the guard; E, the knife for trimming

the soles; and F, the cutter for trimming the welts; all of which are shown in detail from Figs. 4 to 11, inclusive. The guard D is provided with an opening, *a*, for the passage of the shavings from the welt-cutter. The entire edge of the guard is left smooth and even throughout to prevent injury to the upper, the opening *a* being a short distance from the edge, as represented in the drawing. The gage C is fastened, by means of the screw *b*, to the stock A. The knife E is placed in the grooves *c c'* of the stock A and guard D, and confined therein by means of the screw *b'*. The welt-cutter is placed in the diagonal groove *d* of the guard D, being confined, also, by means of the screw *b'*, as represented in the drawing, or in any other convenient manner.

I claim as my invention—

The combination of the welt-cutter F with the guard D, provided with the inclined groove *d* and set-screw *b'*, substantially in the manner and for the purpose set forth.

BENJAMIN J. TAYMAN.

Witnesses:

THOMAS J. BEWLEY,  
STEPHEN USTICK.