A. D. Drew,

Boot Pattern.

No. 47,623. Patented May 9, 1865.

Fig. 2.

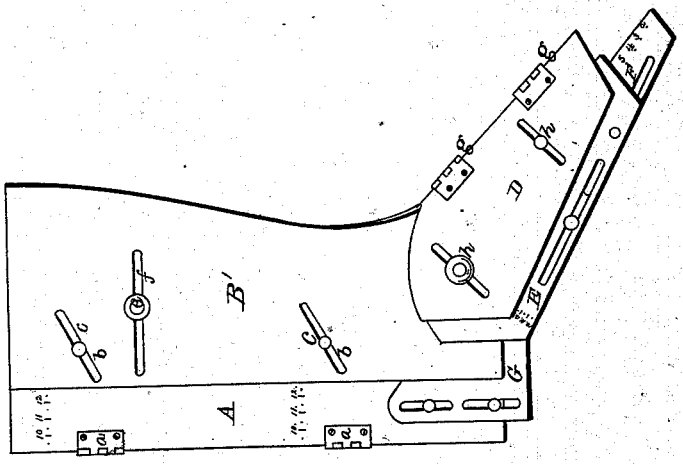
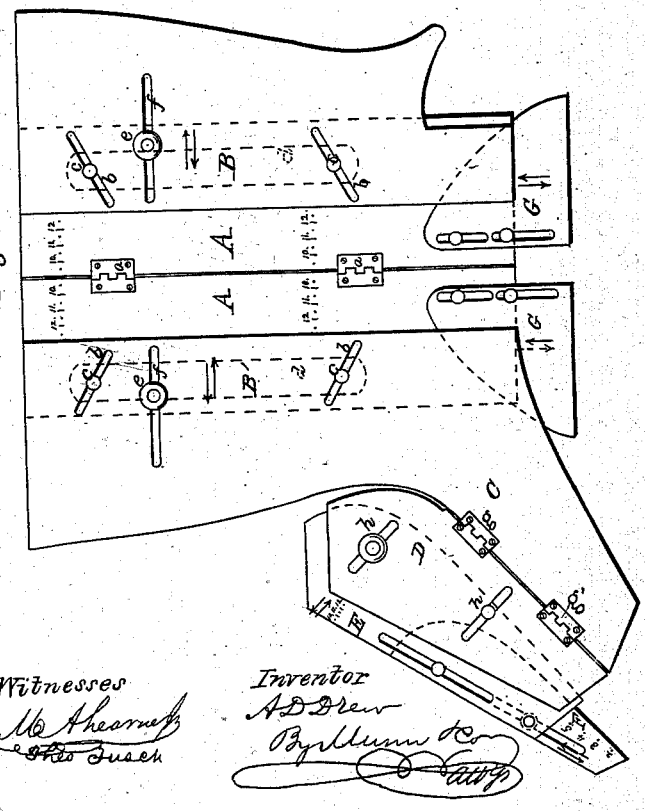


Fig. 1.



Witnesses
M. Ahearn
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By Munn & Co
Attys

UNITED STATES PATENT OFFICE.

ALVAH D. DREW, OF DIXON, ILLINOIS.

IMPROVED PATTERN FOR CUTTING BOOTS.

Specification forming part of Letters Patent No. **47,623**, dated May 9, 1865.

To all whom it may concern:

Be it known that I, ALVAH D. DREW, of Dixon, in the county of Lee and State of Illinois, have invented a new and useful Pattern for Cutting Boots; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a face view of my invention in an unfolded state. Fig. 2 is a view of the same in a folded state.

Similar letters of reference indicate like parts.

This invention relates to a new and useful pattern for cutting leather for boots in such a manner as to form a continuous seam, and at the same time avoid the labor of crimping. This mode of cutting boots, or, rather, cutting the leather for boots, was patented by Seth S. Drew, October 13, 1863; and the object of this invention is to obtain an adjustable pattern to facilitate the cutting of leather for boots in this manner.

A A represent two pieces of sheet metal of rectangular form connected together by hinges *a a;* and B B′ represent two pieces of sheet metal, which are attached to A A in such a manner as to be capable of being adjusted laterally, each piece B B′ having two parallel oblique slots, *b b*, made in it, through which bolts *c* pass, said bolts passing through oblique slots in A A, but having a reverse position to the slots *b b*, the ends of the bolts *c* passing through plates *d*, which are by the sides of the plates A A′. These plates *d* are shown by dotted lines in Fig. 1.

By this arrangement it will be seen that the pieces or plates B B′ may be adjusted or moved farther inward or outward from the hinged edges of A A and in a direction at right angles with the same. The plates B B′ may be secured at any point desired within the scope of their adjustment by means of set-screws *e*, which pass through slots *f* in the plates B B′, as shown in both figures.

The piece or plate B′ has the foot portion C of the pattern formed or cut out with it, and this foot portion has a wing, D, connected to it by means of hinges *g g*, said wing being supplied with an adjustable plate or slide, E, which may be secured at any desired point by set-screws *h h*, and the slide E has an adjustable toe-piece, F, attached to it.

The direction of the movement of the adjustable parts B B′ E F is indicated by the red arrows, and besides the adjustable parts above referred to the plates A A are each provided with an adjustable plate, G, both of which are shown in Fig. 1, and the direction of their movement indicated by red arrows.

The device is used as follows: The several parts are unfolded or spread out, as shown in Fig. 1. The parts B B′, E, F, and G G being adjusted according to the size of the boot required. After the parts or plates B B′ are adjusted the slide E of C is adjusted and the wing D turned over on C, and the plates G G adjusted so that their lower edges will extend down in line with the inner corner of E, as shown in Fig. 2. The wing D is then turned back and the device laid upon the leather, with the set-screws *e h* upon it, and the knife is passed around the edges of the parts B B′ and the outer part of E, (the foot portion.) The wing D is then turned over on C and the knife passed along by the lower edges of G G and E, and the work is done.

I claim as new and desire to secure by Letters Patent—

An adjustable pattern composed of two parts or plates connected together and arranged substantially as shown, for the purposes of cutting leather for boots in the improved or patented form or style specified.

ALVAH D. DREW.

Witnesses:

HARVEY MORGAN,

JOHN LYMAN.