(No Model.)

C. J. ADDY.

HEEL BEADING AND WHEELING TOOL.

No. 270,622. Patented Jan. 16, 1883.

Fig. 1.

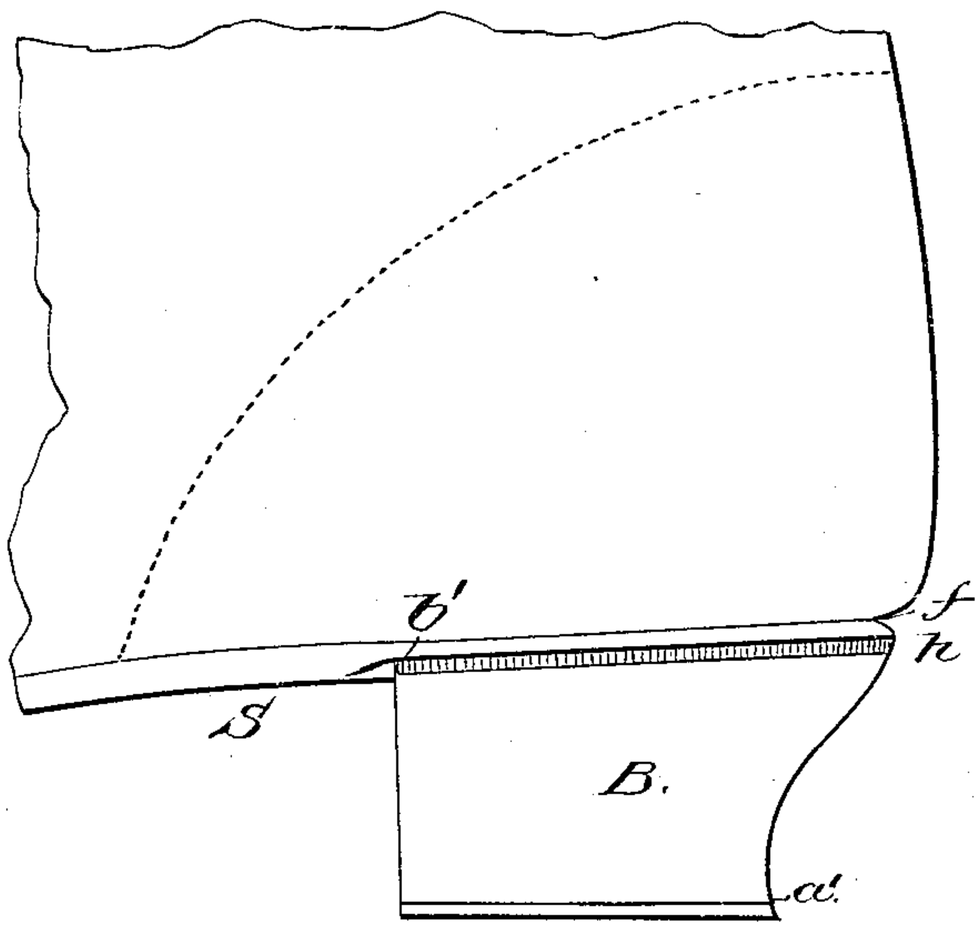


Fig. 2.

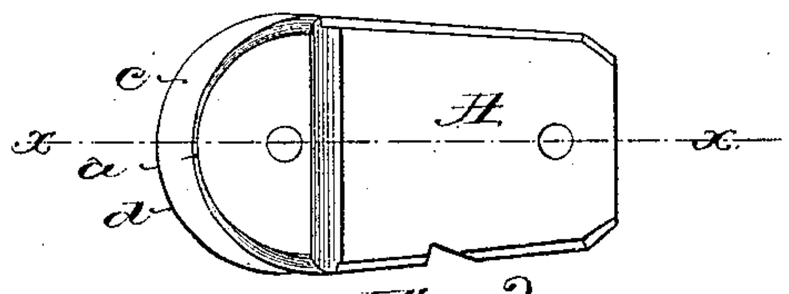


Fig. 3.

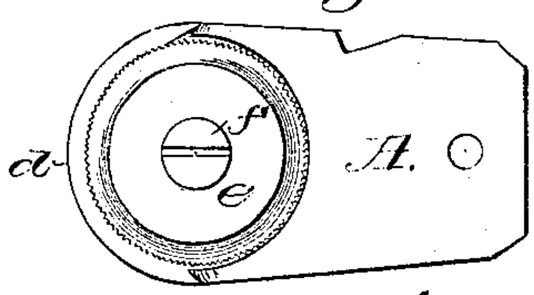
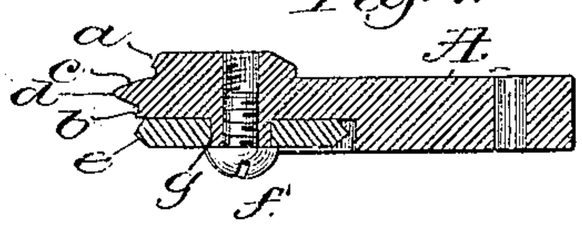


Fig. 4.



Witnesses.
John F. C. Preinkert
Fred A. Powell.

Inventor:
Charles J. Addy
by Crosby & Gregory attys.

UNITED STATES PATENT OFFICE.

CHARLES J. ADDY, OF MALDEN, MASSACHUSETTS, ASSIGNOR TO THEODORE A. DODGE, TRUSTEE.

HEEL BEADING AND WHEELING TOOL.

SPECIFICATION forming part of Letters Patent No. 270,622, dated January 16, 1883.

Application filed November 23, 1882. (No model.)

To all whom it may concern:

Be it known that I, CHARLES J. ADDY, of Malden, county of Middlesex, State of Massachusetts, have invented an Improvement in Heel Beading and Wheeling Tools, of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings representing like parts.

This invention has for its object to produce a tool having a beading-surface for the top-lift of the heel and a beading-surface and "wheeling-surface" for the edge of the sole about the top of the heel, the said tool being adapted for use either in a machine such as described in United States Letters Patent No. 268,593, granted to me, or by hand.

Figure 1 represents in side elevation a sufficient portion of a sole and the heel of a shoe to illustate the work which my improved tool is to perform. Fig. 2 is a side elevation of a tool embodying my invention; Fig. 3, an opposite side view; and Fig. 4, a longitudinal section on the line *x x*, Fig. 2.

The stock A of the tool has its front end curved and provided with a beading-surface, *a*, to form a bead—such as shown at *a'*, Fig. 1—at the lower or top-lift end of the heel B. The tool has a second beading-surface, *b*, to form a bead, *b'*, on the edge of the sole S. The surface *c* extends over the face of the top-lift of the heel when the bead *a'* is being made, the beading-surface *a* being then in use. The edge or lip *d* enters what is known as the "rand-crease" *f* when the beading-surface *b* or wheel *e* is in use. The wheel *e*, placed about a tubular projection, *g*, of the stock and in a recess cut into its face, is held in place thereon by the screw *f'*, as clearly shown in Fig. 4. The wheel, as it is rolled over the sole or the heel-rand, leaves a line of indentations or marking—such as shown at *h*, Fig. 1—it being commonly designated as "wheeling." The beading-surface *b* has its acting edge concentric with the periphery of the wheel *e*, so that the said surface *b* may operate as the wheel is being rolled backward and forward over the sole or heel at their junction.

I claim—

1. The tool having the beading-surface *a* and rest *c* to co-operate with the top-lift and the wheel *e*, all substantially as shown.

2. The wheel *e*, combined with the shank A, provided with the lip *d* and the beading-surfaces *a b*, the surface *b* being concentric with the periphery of the said wheel, all to operate substantially as shown and described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

CHARLES J. ADDY.

Witnesses:

JOS. P. LIVERMORE,

FRED A. POWELL.