

UNITED STATES PATENT OFFICE.

S. A. SHURTLEFF, OF NORTH CARVER, MASSACHUSETTS.

FORE-IRON FOR THE USE OF SHOEMAKERS.

Specification of Letters Patent No. 26,129, dated November 15, 1859.

To all whom it may concern:

Be it known that I, S. A. SHURTLEFF, of North Carver, in the county of Plymouth and State of Massachusetts, have invented
5 a new and Improved Fore-Iron for the Use of Shoemakers; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part
10 of this specification, in which—

Figure 1, is a perspective view of my invention applied to its work; Figs. 2 and 3, side views of ditto.

Similar letters of reference indicate corresponding parts in the several figures.

This invention relates to a new and improved tool or implement used by shoe makers for burnishing or finishing the edges of the soles of boots and shoes and technically termed a fore-iron.

The object of the invention is to obtain an implement that may be adjusted to compensate for wear so that the tool is rendered more durable than those of ordinary construction.

To enable others skilled in the art to fully understand and construct my invention I will proceed to describe it.

A, represents the handle of the implement which may be of ordinary construction.

B, is the stock provided with a taper tang or shank *a*, which is driven into the handle and secures the stock thereto. The stock B, is formed of a rectangular bar *b*, having two
35 arms *c*, *c'*, projecting from it at right angles; the tang *a*, being connected with the innermost arm *c'*, and the arm *c*, being at the outer end of the bar *b*, as shown clearly in Fig. 2. The stock and tang may all be
40 formed of one piece of metal.

C, is a movable jaw or gage which is formed of a bar having an opening in its upper part to admit the outermost arm *c*, the inner end of said bar having a V-shaped
45 notch made in it to fit on the outer surface

of the arm *c'*, which is of inversely corresponding form. The outer end of the bar projects a little beyond the outer surface of the arm *c*, and it is recessed in its outer surface, as shown at *d*, to form a burnisher
50 or iron for light soles. The jaw or gage may be secured at any point on the arms *c*, *c'*, by means of set screws *d'*.

To the outer side of the bar *b*, of stock B, a plate D, is attached by a set screw *e*, said
55 set screw passing through a slot *f*, in the plate D, and into the bar *b*. The outer edge of the plate D, is slightly rounded longitudinally and it is grooved so as to form a bead at the edge of the sole, see Fig. 2. The
60 outer surface of the arm *c*, is rounded and it forms the burnishing surface of the tool, the plate D, forming the bead. As the edge of plate D, wears it may be adjusted outward by relaxing the screw *e*. The outer
65 edge therefore of arm *c*, will not require to be filed down as hitherto in order to compensate for the wear of said beading plate. The jaw or gage C, is adjusted farther out
70 or in from the plate D, to suit the thickness of the sole.

The tool or implement is manipulated in the usual way, the gage C, bearing against the outer side of the sole.

I do not claim the adjustable jaw or gage
75 C, for the purpose of compensating for different thicknesses of soles for that has been previously used, but

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

The adjustable beading plate D, applied to a stock B, and arranged substantially as shown to form an improved article of manufacture for the purpose specified.

S. A. SHURTLEFF.

Witnesses:

W. S. SAWVY,
SAUL W. EDDY.