

J. H. Swain,

Last.

No. 77,931.

Patented May 12, 1868.

Fig. 1.

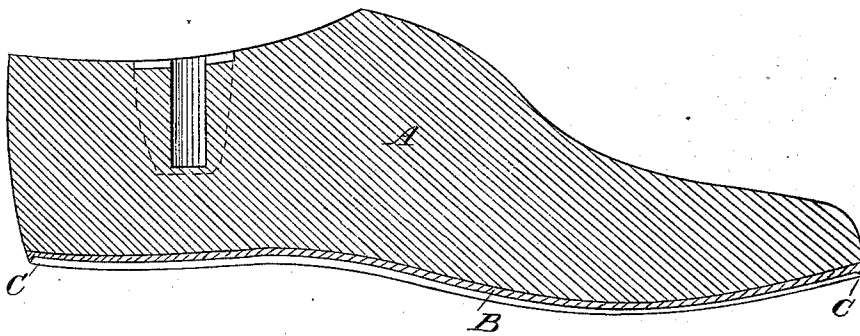
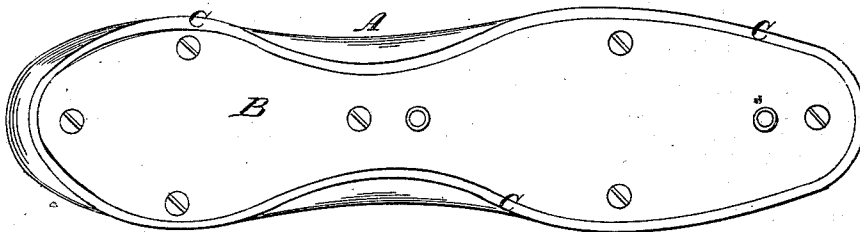


Fig. 2.



Witnesses.

Geo. W. Strong

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By his Attys

Dewey & Co.

United States Patent Office.

JAMES H. SWAIN, OF SAN FRANCISCO, CALIFORNIA.

Letters Patent No. 77,981, dated May 12, 1868.

IMPROVED BOOT AND SHOE-LAST.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, JAMES H. SWAIN, of the city and county of San Francisco, State of California, have invented an Improved Boot and Shoe-Last; and I do hereby declare the following description and accompanying drawings are sufficient to enable any person skilled in the art or science to which it most nearly appertains to make and use my said invention or improvements without further invention or experiment.

My invention relates to the construction of a last for the manufacture of nailed or pegged boots and shoes, and consists in attaching a metal bottom or sole to the ordinary last. This bottom or sole has a projection or flange on its face, so that when the pegs or nails are driven through the sole they will be battered down or be turned up and clinched, and not protrude through the upper leather, as is the case where a wooden last or a metal face or bottom is employed, without the flange or projection around it.

Referring to the drawings, forming a part of this specification, for a further illustration of my invention—

Figure 1 is a side elevation.

Figure 2 is a bottom view.

A represents a last, constructed of wood, and having a metal bottom or sole, B, attached to it. The plate is constructed with a flange or projection, C, which is made flush with the edge, and which inclines towards the centre, so that when the nails or pegs are driven down, their ends will strike the incline, and be turned inwardly and be clinched.

Also, in the manufacture of screwed work, the screw, as it penetrates through the leather sole, will be arrested by the projection upon the plate before it penetrates too far, thereby rendering it unnecessary to cut off the projecting end.

If the last is made entirely of metal, the flange may be cut upon the face, in the same manner as it is now cast with the plate.

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

The projection or flange C, or its equivalent, on the face of the last, substantially as and for the purpose specified.

In witness whereof, I have hereunto set my hand and seal.

JAMES H. SWAIN. [L. S.]

Witnesses:

C. W. M. SMITH,
GEO. H. STRONG.