

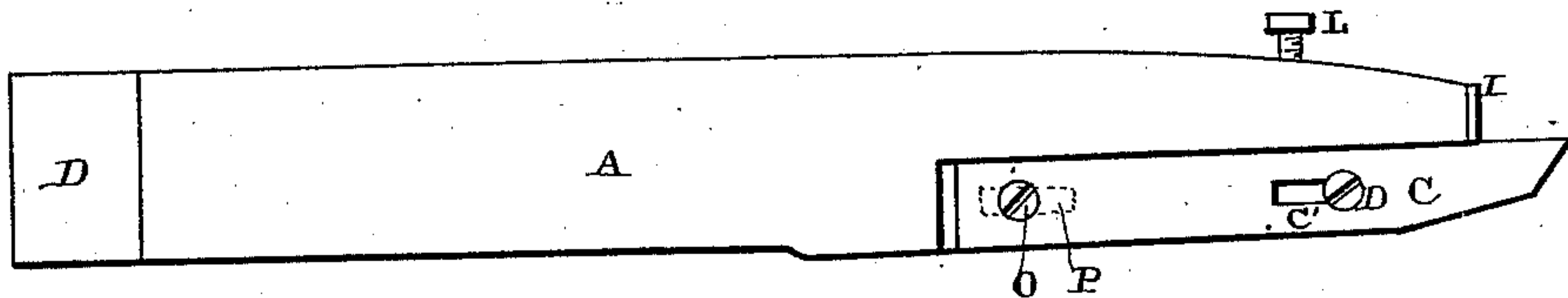
(Model.)

W. F. LARKIN.  
SHOE MAKER'S TOOL.

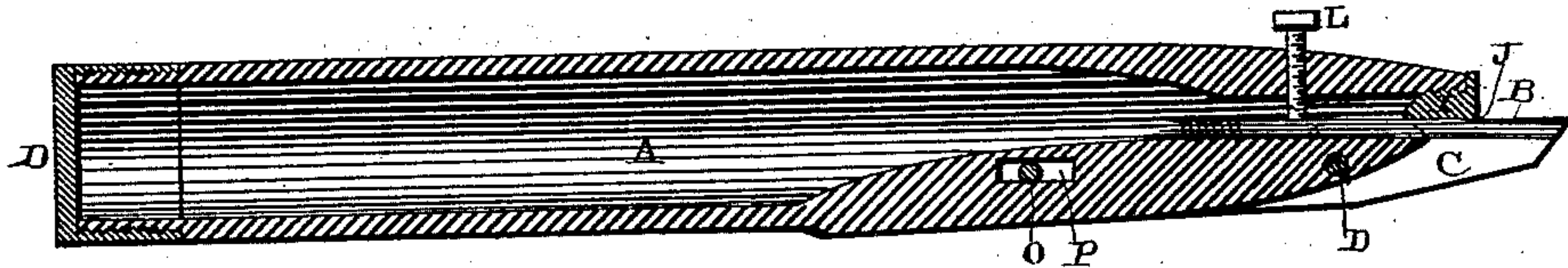
No. 285,279.

Patented Sept. 18, 1883.

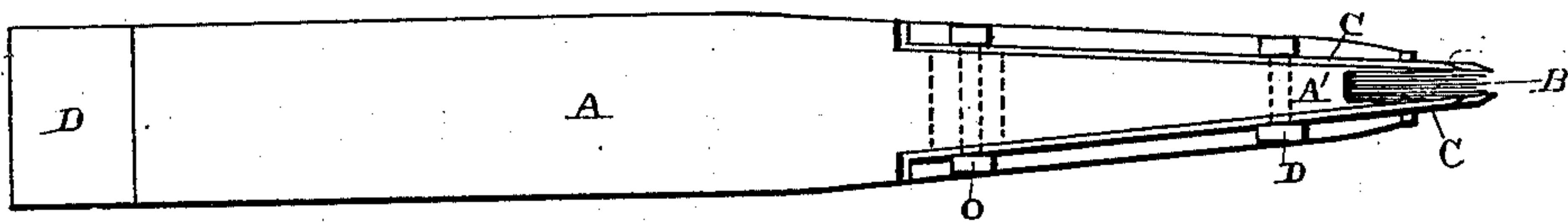
*Fig. 1.*



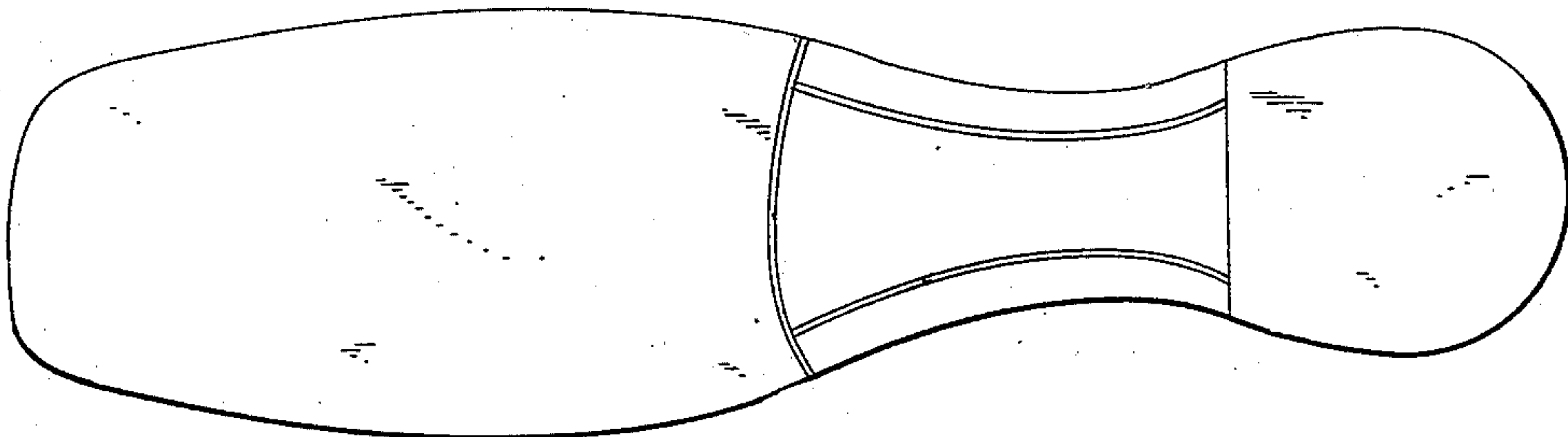
*Fig. 2.*



*Fig. 3.*



*Fig. 4.*



— Witnesses. —

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J. W. Garner

— Inventor. —

Wm. F. Larkin,

per  
J. A. Lehmann, atty



# UNITED STATES PATENT OFFICE.

WILLIAM F. LARKIN, OF HAVERHILL, MASSACHUSETTS.

## SHOE-MAKER'S TOOL.

SPECIFICATION forming part of Letters Patent No. 285,279, dated September 18, 1883.

Application filed January 15, 1883. (Model.)

*To all whom it may concern:*

Be it known that I, WILLIAM F. LARKIN, of Haverhill, in the county of Essex and State of Massachusetts, have invented certain new and useful Improvements in Shoe-Makers' Tools; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in shoe-makers' tools, to be used in the ornamentation of the soles of boots and shoes; and it consists in the combination of a hollow handle which receives the ink, suitable adjustable slotted blades which are attached thereto, and which incline toward each other at their front ends, and an adjustable brush, the brush being held in between the blades, so as to ink the scores as fast as they are formed, as will be more fully described hereinafter.

The object of my invention is to produce a tool which will cut turned-up ornamental scores on the bottom of boots and shoes, and blacken them at the same time that the scores are being formed.

Figure 1 is a side elevation of my invention. Fig. 2 is a vertical longitudinal section of the same. Fig. 3 is a bottom plan view. Fig. 4 illustrates the kind of score produced.

A represents a hollow handle, which serves as a reservoir to receive the ink or other coloring-fluid, and which is provided with the removable screw cap or cover D at its outer end. A small opening is formed through its opposite end, and which receives the small screw-plug I, which has a groove, J, formed in its under side, where the brush B passes through, and through which groove the ink is fed to the brush. The brush is held in position by means of the set-screw L, and can be adjusted back and forth, according to the width of score being formed. The under side, A', of the handle, at its inner end, has straight beveled sides, which approach each other at their outer ends, as shown in Fig. 3, and against these sides are clamped the blades C, having the slots C' made through them for the bolt D' to pass through. Through the rear ends of the blades are made simple holes, through which is passed the screw-bolt O. Through the handle, as shown in Fig. 2, is made a slot, P, through which the bolt O

passes. By loosening the nuts on the two screw-bolts the two blades can be adjusted freely back and forth, for the purpose of increasing or decreasing the width of the score cut. As the blades are inclined toward each other, as shown in Fig. 3, the farther they are moved outward the nearer the ends approach each other and the narrower is the score cut, and the farther the blades are moved inward the more their ends are separated and the wider is the score. The cutting ends of these blades are beveled from their outer sides, while their inner sides are perfectly straight, and hence when the points of these blades are forced down into the leather a score is formed having turned-up edges. As the brush projects forward in between these blades and is kept constantly saturated with ink, the score is colored as fast as it is formed. As the edges of the score are cut and turned up from the balance of the sole, there is no danger of the ink or coloring-fluid touching any other part of the sole, and hence clean and sharply-cut work is done. Designs of any kind may be rapidly cut on leather by means of this tool.

I am aware that a fountain has been provided with a brush and an adjustable gage for blackening along the edges of a sole only. My invention differs from this in having two adjustable cutting-blades and an adjustable brush, the tool being adapted to cut scores and blacken them at the same time in all directions over the bottom of the sole, as shown in Fig. 4.

Having thus described my invention, I claim—

1. The combination of the fountain-handle, a brush, and the two blades for cutting the scores, substantially as shown.

2. The combination of the fountain-handle, the two adjustable cutting-blades which are inclined toward each other at their front ends, and a brush which is located between the blades, substantially as set forth.

3. The combination of the fountain-handle, the two adjustable blades, and the clamping-bolts with the brush and a set-screw for holding it, substantially as shown.

In testimony whereof I affix my signature in presence of two witnesses.

Witnesses: WILLIAM F. LARKIN.  
DAVID B. TENNEY,  
RAYMOND NOYES.