C. REIMEL.

EDGE FINISHING TOOL FOR BOOTS AND SHOES.

No. 176,810. Patented May 2, 1876.

Fig. 1.

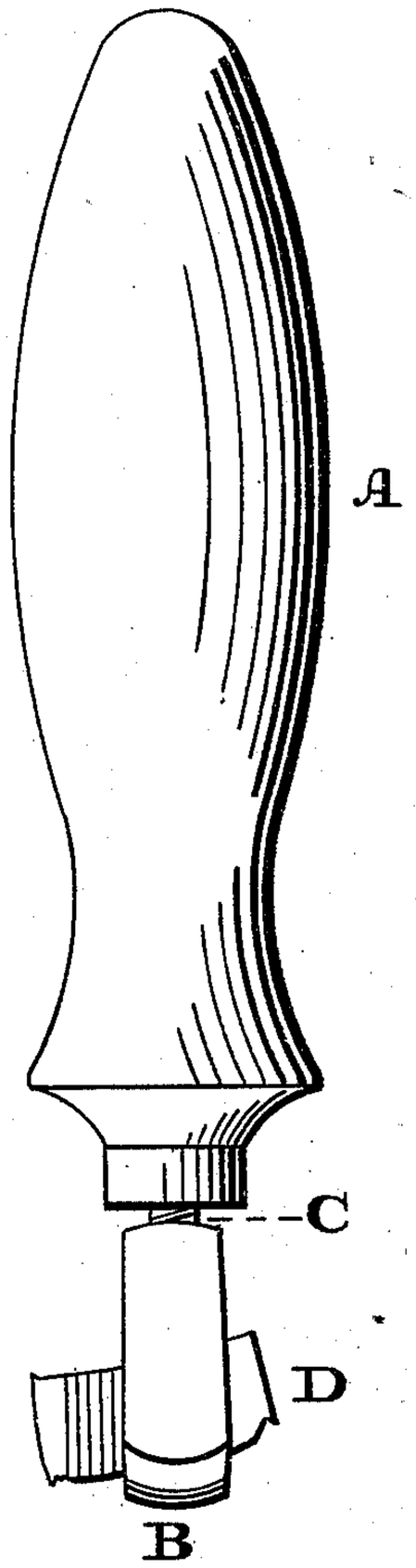


Fig. 2.

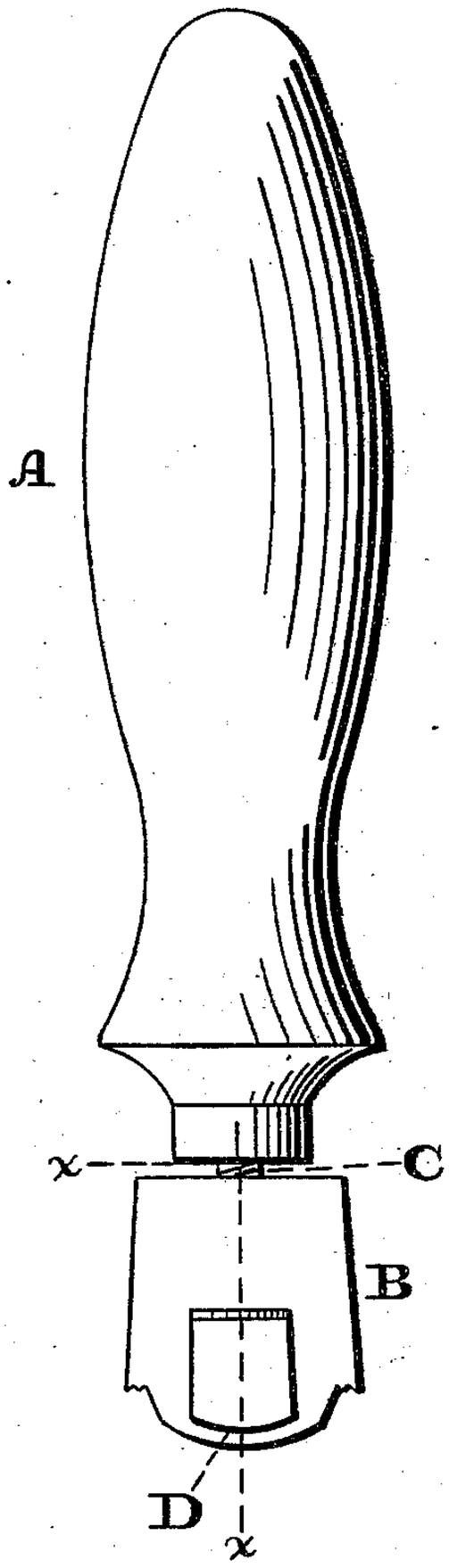
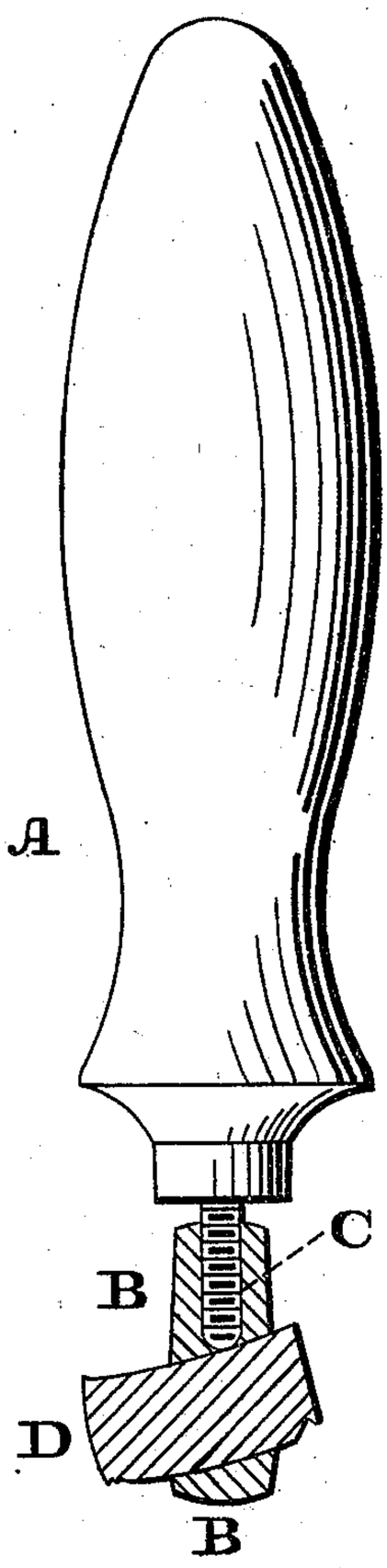


Fig. 3.



Witnesses:

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UNITED STATES PATENT OFFICE.

CHRISTOPHER REIMEL, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN EDGE-FINISHING TOOLS FOR BOOTS AND SHOES.

Specification forming part of Letters Patent No. **176,810**, dated May 2, 1876; application filed July 24, 1875.

To all whom it may concern:

Be it known that I, CHRISTOPHER REIMEL, of the city and county of Philadelphia and State of Pennsylvania, have invented a new and useful Improvement in Shoemakers' Edge-Tools; and I do hereby declare the following to be a clear and exact description of the nature thereof, sufficient to enable others skilled in the art to which my invention appertains to fully understand, make, and use the same, reference being had to the accompanying drawings, making part of this specification, in which—

Figures 1 and 2 are side views of the device embodying my invention. Fig. 3 is a side view, partly sectional, in line *x x*, Fig. 2.

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

This invention consists in a shoemaker's edge-tool composed of a handle having a screw fixed therein, which is combined with the stock and an adjustable bit therein for the purpose of securing said handle, stock, and bit together.

Referring to the drawings, A represents the handle; B, the stock, and C a screw, which, secured to the handle A, enters the stock and serves to connect the handle and stock. The screw C forms a fixed or stationary portion of the handle, and is operated by it only. In the stock B there is a transverse opening, in which is adjustably fitted a bit, D, and the screw C is so disposed in the stock B that, in tightening the screw, its point will come in contact with one side of the bit, and thus securely hold the bit in the stock.

The faces of the stock and bit are formed with working-edges characteristic of tools of this class, and the bit is made adjustable, so that more or less of its face on either side of the stock may be uncovered, thereby adapting the tool for work of various widths.

When the adjustment of the bit is completed the handle A is rotated so that the screw C will tighten against the bit, whereby the bit will be firmly held in the stock, and the handle and stock are tightly connected.

It will be seen that the bit and stock, and the stock and handle, will be simultaneously secured by a common motion of the screw.

If desired, the side of the bit may be gaged or graduated so as to direct the workman in properly adjusting the bit.

The bit and the opening in the stock through which it passes are of curved form, so that the curved face of the bit, which is serviceable in so many cases of shoemakers' work, will be preserved regardless of the extent of adjustment of the bit.

The curved form of the bit also serves to cause the screw to wedge the bit in the opening in the stock, whereby the said bit will be most firmly held in position.

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

The improved sole-edge-finishing tool, composed of the handle A, provided with the adjusting-screw C, the stock B, provided with a curved shoulder upon each side, and a curved slot adapted to receive an adjustable bit, D, all substantially as and for the purpose described.

CHRISTOPHER REIMEL.

Witnesses:
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