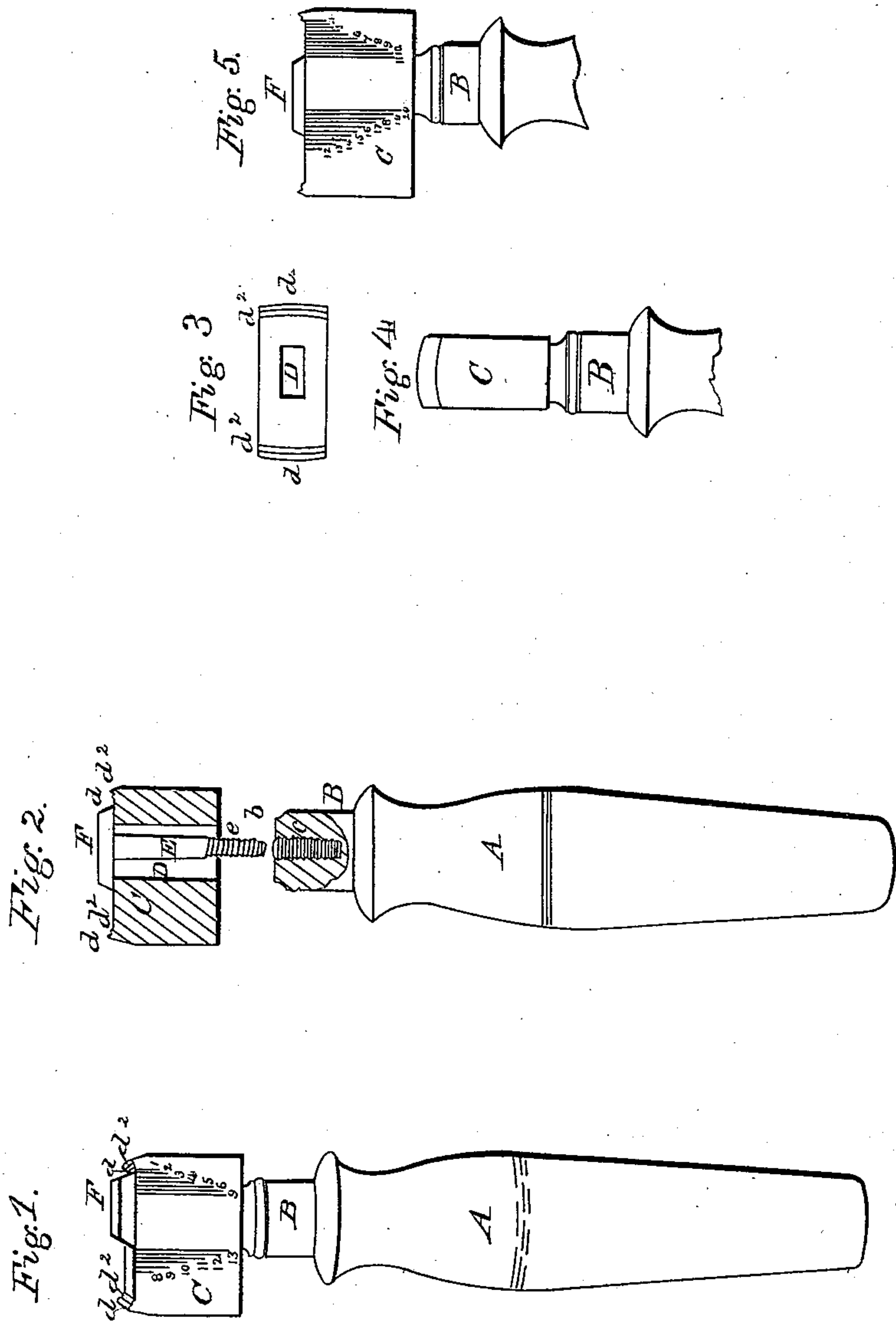


J. Flock,
Shoemakers' Tool,
No. 42,652, *Patented May 10, 1864.*



Witnesses

B. O. Gordon
 A. Turner.

Inventor

J. Flock by his attorney
 Sidney D. D. D.

UNITED STATES PATENT OFFICE.

JOHN FLOCK, OF NEWARK, NEW JERSEY.

IMPROVED COLLISH.

Specification forming part of Letters Patent No. 42,652, dated May 10, 1864.

To all whom it may concern:

Be it known that I, JOHN FLOCK, of Newark, in the county of Essex and State of New Jersey, have invented, made, and applied to use an Improved Collish or Iron for Smoothing the Sides of the Soles of Boots and Shoes; and I do declare that the following is a full, clear, and correct description of the same, reference being had to the accompanying drawings, making part of this specification, and to the letters of reference marked thereon, in which—

Figure 1 is a perspective view of my improved collish; Fig. 2, a sectional view of the same; Fig. 3, detached view of block employed; Fig. 4, detached view of handle, standard, and block; Fig. 5, a view of block when provided with a scale running from one (1) to twenty-one (21.)

In the drawings, like parts of the invention are designated by the same letters of reference.

The nature of my invention consists in the construction and operation of an improved smoothing-iron for smoothing the sides of the soles of boots and shoes, as hereinafter set forth.

To enable those skilled in the art to make and use my invention, I will speak of its construction and operation.

A shows the handle of my improved collish or iron for smoothing the sides of the soles of boots and shoes, which handle A is provided with the standard or support B. This standard or support B is made with the central opening, *b*, having upon it the screw-thread *c*.

C shows the block supported by the standard or support B, and having upon its face a scale formed of a series of vertical lines and figures placed at given distances from each other, the distances from the right-hand and left-hand sides of the block C to said lines corresponding to the sizes of the soles usually used in the manufacture of boots and shoes, said sizes being designated by the figures placed at the foot of the lines.

It will be seen that the various sizes of soles used, from one (1) to seven (7,) may be estimated from the right-hand side of the block C, and those from eight (8) to thirteen (13)

from the left-hand side of the block C. The block C is provided with the mortise D, for the reception of the shank E of the guide F, said mortise being made sufficiently large to allow the guide F to be adjusted to any line upon the scale. The top of the block C is made convex, and is provided at each end with the lips *d d*².

F shows a convex guide, which guide when in use rests upon the block C, and is held in any desired position by means of the shank E. This shank E has a screw, *e*, cut upon it, and passes through the mortise D, and is screwed into the central opening, *b*, in the standard or support B. The guide F is slightly beveled at each end, and, in conjunction with the lips *d d*² upon the block C, forms the iron for smoothing the sides of the soles.

My improved collish or iron being thus constructed, its operation is as follows: The shank E of the guide F is passed through the mortise D in the block C, and the guide F is moved along upon the block C until either end of it (as the case may be) falls directly over the size of sole upon the scale which the operator may desire to smooth. The shank E is then screwed into the opening *b* in the standard or support B, and the guide is held firmly in its position upon the block C. My improved iron is then heated, and when heated placed upon the sole of the boot or shoe, the side of which sole is inclosed between the lips *d d*² of the block C and the end of the guide F, and by moving the tool rapidly to and fro over the face or side of the sole the same is in a short time polished.

At present each shoe-maker is compelled to use for the purpose of smoothing the soles of boots and shoes an iron specially adapted to the particular size of sole, and it is no uncommon occurrence to find in the shoe-maker's work bench twenty-five irons, each of a different size, and each adapted to a particular size of sole.

My improved iron is capable of adjustment in a convenient manner to thirteen different sizes, and may be increased (see the drawings, Fig. 5) to twenty-one sizes, and my intention is to place in the hand of the shoe-maker a compact, convenient, and useful tool at one-

tenth the cost of the irons now necessarily employed.

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

The convex guide F, constructed substantially as shown, when combined with the block

C, constructed substantially as shown, handle A, and support B, as and for the purpose specified.

JOHN FLOCK.

In presence of—

A. SIDNEY DOANE,
A. TURNER.