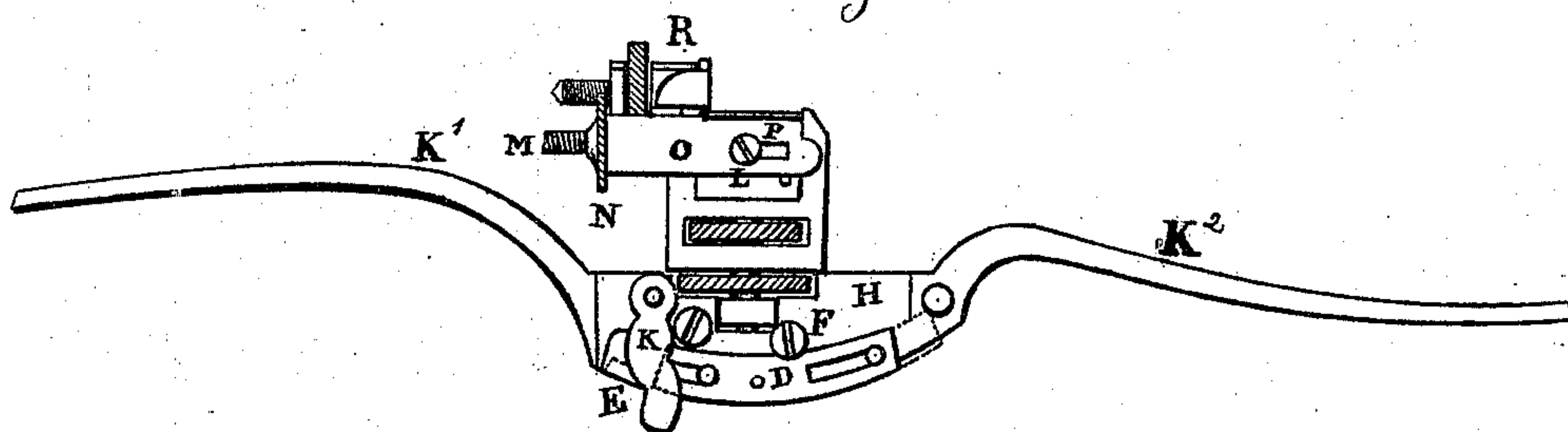
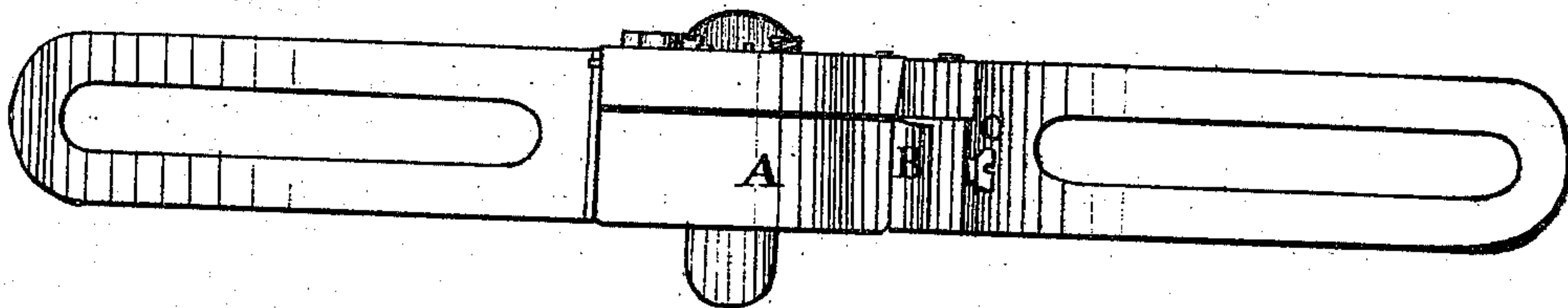


*A. B. Clark,*  
*Shoe Shave.*  
*No. 100,724.* *Patented Mar. 15. 1870.*

*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



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*att'y*

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*A. H. Whittier*  
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# United States Patent Office.

A. B. CLARK, OF NORTH OXFORD, MASSACHUSETTS.

*Letters Patent No. 100,724, dated March 15, 1870.*

## IMPROVED BOOT AND SHOE-SHAVE.

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, A. B. CLARK, of North Oxford, in the county of Worcester, and in the State of Massachusetts, have invented a new and useful Improvement in Boot and Shoe-Shaves; and do hereby declare that the following description, taken in connection with the accompanying plate of drawings hereinafter referred to, forms a full and exact specification of the same, wherein I have set forth the nature and principles of my said improvement, by which my invention may be distinguished from others of a similar class, together with such parts as I claim and desire to secure by Letters Patent.

My invention relates to that class of devices known as shoe-shaves, and

Its nature consists in certain improvements in the details of the same, consisting

First, in supplying the small mouth-piece with a slide-cap, attached to the same by means of a small iron screw, and operated by a screw-bar and nut, for the purpose of coring a perforation for the reception of the half-sole or welt, and so regulating the size of the same, by means of the screw and nut aforesaid, as to receive any sized half-sole which may be desired, and cut both soles down to the required finish with one stroke of the shave.

Second, in combining with the said mouth-piece a metallic apron, attached firmly to the same, and running back and over the rear of the binding-screw, for the purpose of preventing the clogging of shavings in front of the binding-screw.

Third, in combining with the larger side of the shave a swing-block, operated by a screw, by means of which the knife is held in position, set forward when it wears out, and in providing the larger side of the shave with an arcular adjustable slide-cap, attached to and connected therewith by two pins or screws, in such a manner as to regulate the aperture to any required thickness of stock, and be tightened firmly by means of small iron set-screws.

And also, in combining with the angular-shaped aperture a lever-gauge, turning upon a pivot-pin, and operated by an eccentric-headed screw, in such a manner that it may be adjusted to the required thickness of sole.

In the accompanying plate of drawings, which illustrates my invention and forms a part of the specification thereof, and in which corresponding parts are represented by similar letters,

Figure 1 is a side view of the shave, with my invention applied thereto.

Figure 2 is a bottom view of the same, and

Figure 3 represents a hollow handle.

The following is a full and exact description of the construction and operation of my invention.

A represents the larger knife of the shave, which is

of a curvilinear form, and the ends of which fit in lateral grooves, cut for their reception respectively in the sides of the handle and swing-block B.

The said swing-block is operated by the screw C, by means of which it is not only held firmly in position, but is set forward, when it commences to wear out.

A slide-cap, D, of curvilinear form, is attached to the mouth-piece H, by means of pins or screws passing through oblong slots cut in the said slide-cap D, which admit of the said slide-cap being laterally moved into the position represented by the dotted lines, or into any intermediate position, leaving an open aperture, E, also represented by dotted lines.

After being thus moved, the said cap may be held firmly in position by the small set-screw F. By this means the width of the aperture may be adapted to any thickness of stock made use of.

Attached to the mouth-piece is the lever or gauge K, turning upon a pivot-pin. The said gauge is adjusted by the eccentric brass head-screw, down against which it is turned when in use, so that it will enable the operator to trim any required thickness of single sole, an advantage over all other heel-shaves.

The handles K<sup>1</sup> and K<sup>2</sup> are of curvilinear form, but while the end of the handle K<sup>2</sup> curves below the plane of the top of the shave, the handle K<sup>1</sup> curves broadly above it, in order, if necessary, to pass through the shank without obstruction.

Attached to the mouth-piece L of the upper shave is the screw-bar M, upon which is the thumb-nut N.

The slide-cap O is secured to the same by a screw passing through the oblong slot P, in such a manner as to admit of its lateral movement.

The said slide-cap covers an aperture in the mouth-piece, made for the purpose of receiving the projecting part of the half-sole or welt.

The size of the said aperture may be accurately regulated by moving the slide to the right or left, and by the thumb-screw N, in such a manner as will enable the shave with one stroke to cut both soles down to a proper finish, thereby completing the work as neatly, and in half the time, of the ordinary way.

Directly under the knife and inside the frame is a thin metallic apron, attached firmly to the mouth-piece and running back and over to the rear of the binding-screw, for the purpose of preventing the clogging of shavings in front of the binding-screw, which is constantly liable to be the case without it.

R is a side guide, which is essentially the same as in other devices of this description.

In order to render the right handle light, and at the same time fill the hand, the handle may be covered with sheet metal of oval or other form, as is represented in fig. 3.

Having thus explained the construction, operation,



and relative arrangement of the component parts of my invention, I will indicate what I claim and desire to secure by Letters Patent in the following clauses, to wit:

1. In combination with the mouth-piece L, with its screw M, and thumb-nut N, the sliding cap O, substantially as and for the purpose described.

2. In combination with mouth-piece L, the thumb-nut by which it is vertically adjusted, substantially as specified.

3. In combination with the blade A, the swing-block B, with its screw C, substantially as and for the purpose set forth.

4. The sliding cap D, in combination with the mouth-piece H, with its screw F, substantially as and for the purpose described.

5. The arrangement of the gauge K, the eccentric screw F by which it is operated, and the sliding cap D, all constructed and operated substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 29th day of November, 1869.

A. B. CLARK.

Witnesses:

JOHN B. PRATT,  
FRANCIS CLARK.