

No. 656,290.

Patented Aug. 21, 1900.

A. HERMAN.

TOOL FOR FINISHING BOOTS OR SHOES.

(Application filed Oct. 17, 1899.)

(No Model.)

Fig. 1.

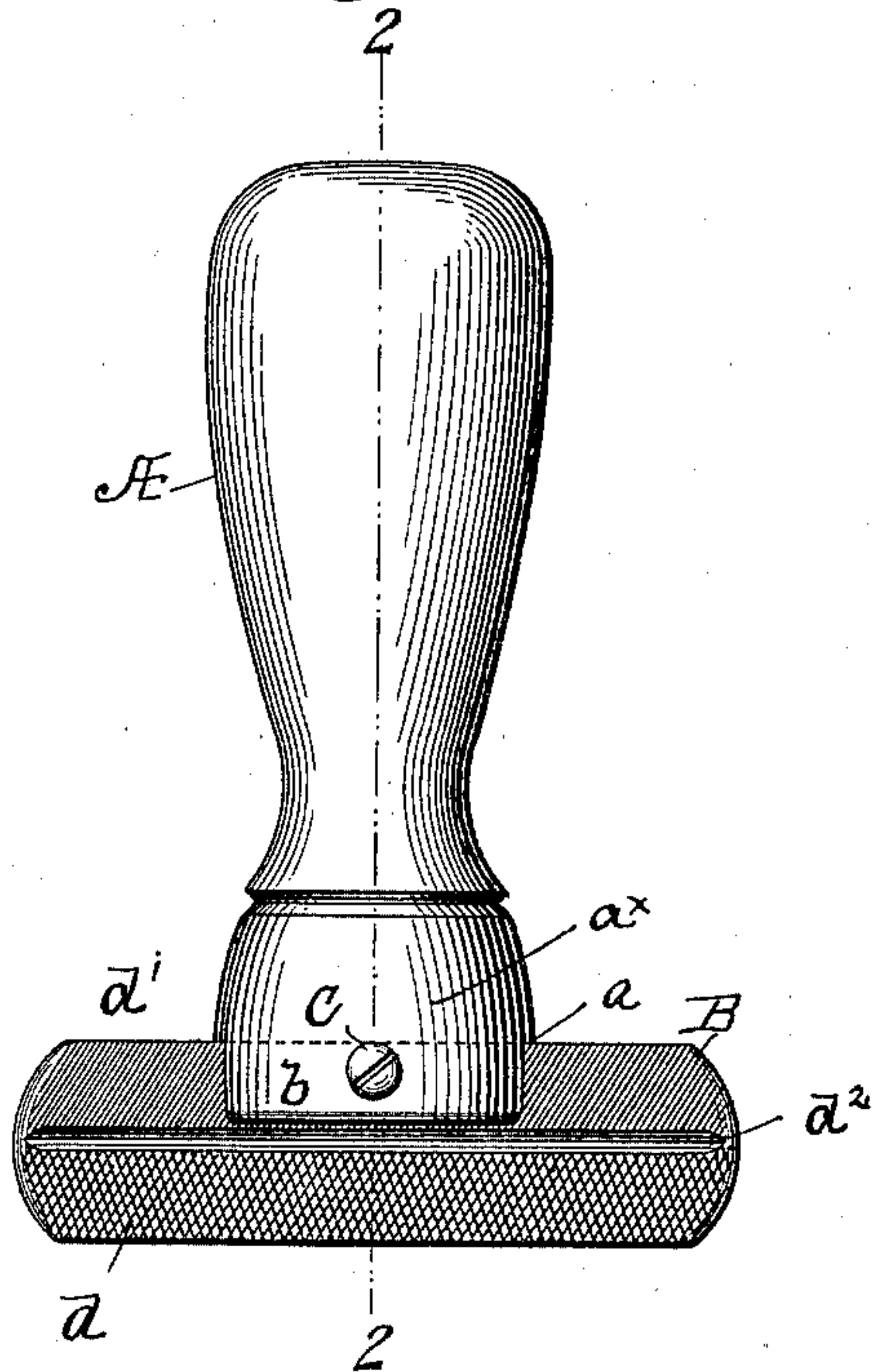


Fig. 2.

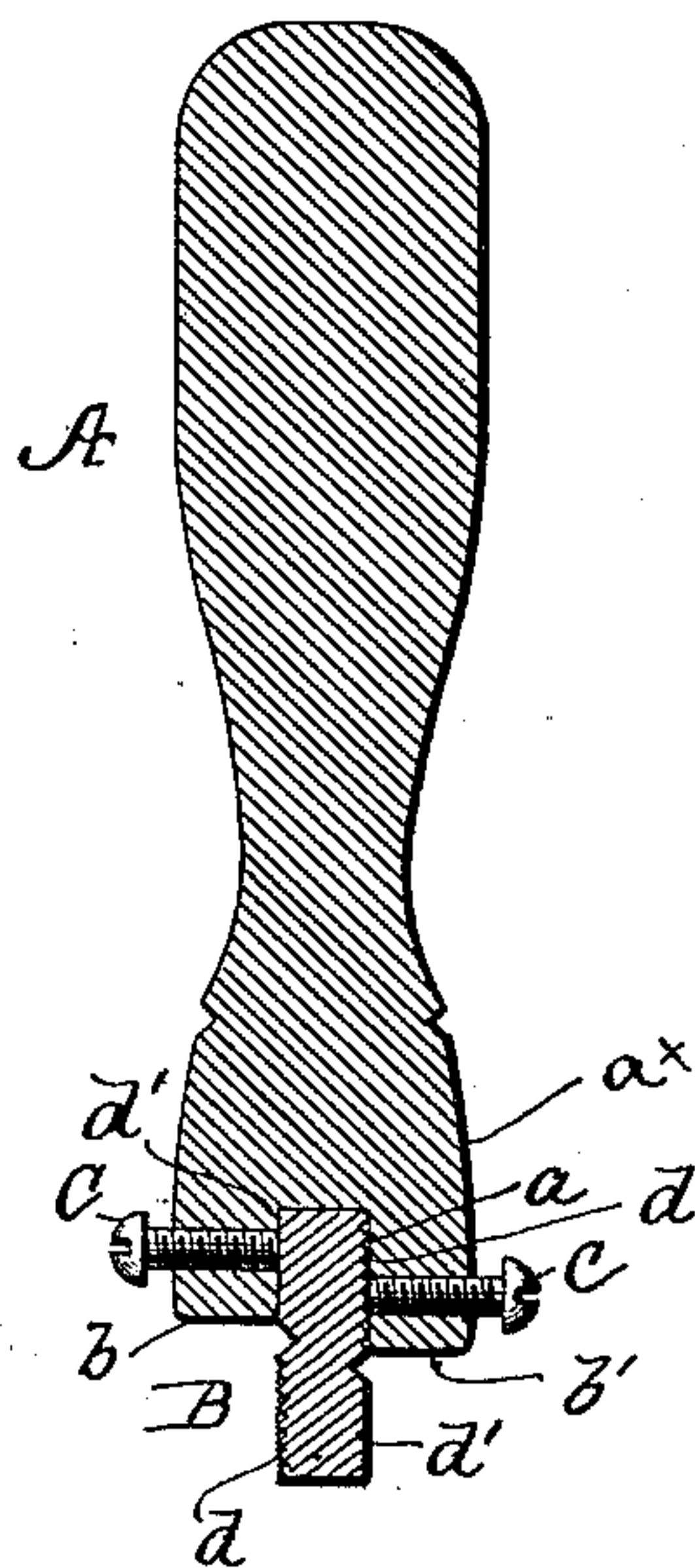
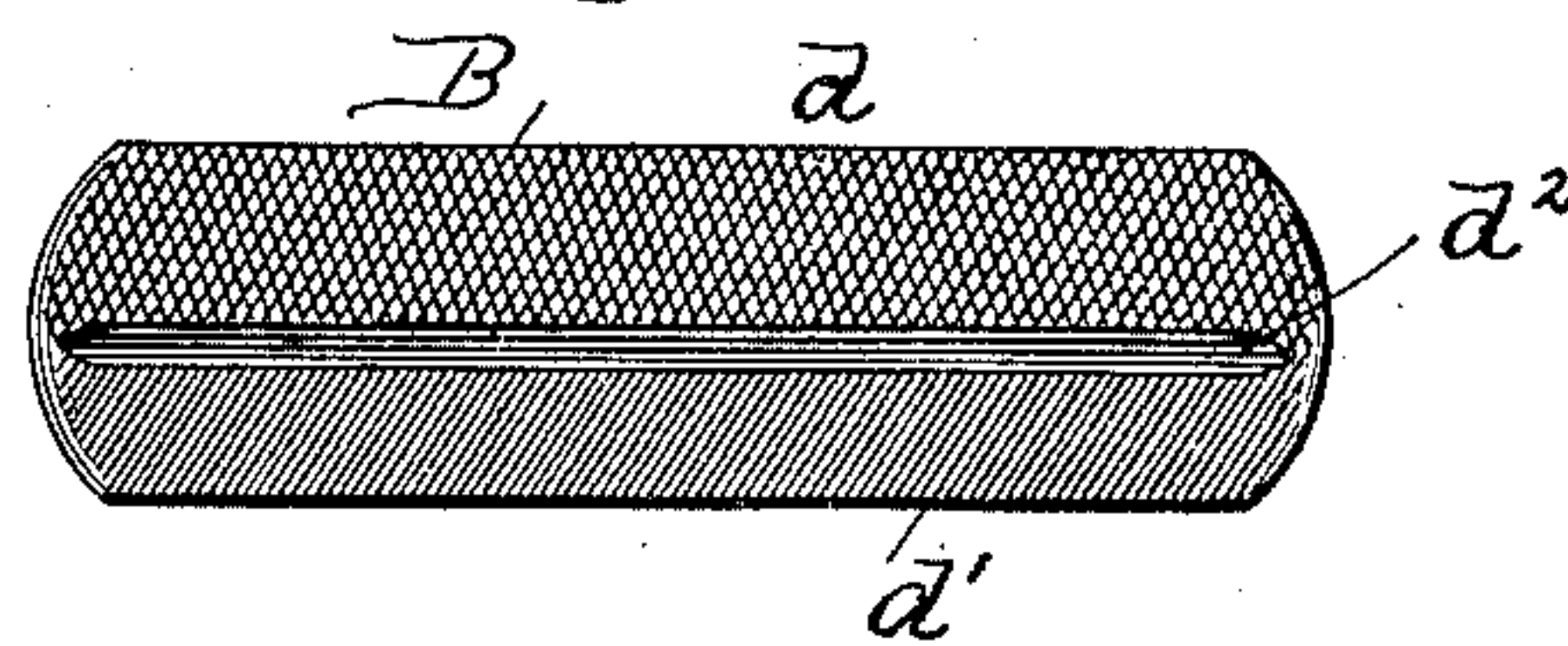


Fig. 3.



Witnesses.
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UNITED STATES PATENT OFFICE.

ANDREW HERMAN, OF CHEYENNE, WYOMING, ASSIGNOR TO FRED
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TOOL FOR FINISHING BOOTS OR SHOES.

SPECIFICATION forming part of Letters Patent No. 656,290, dated August 21, 1900.

Application filed October 17, 1899. Serial No. 733,914. (No model.)

To all whom it may concern:

Be it known that I, ANDREW HERMAN, of Cheyenne, in the county of Laramie and State of Wyoming, have invented certain new and
5 useful Improvements in Tools for Finishing Boots or Shoes; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable
10 others skilled in the art to which it appertains to make and use the same.

This invention relates to certain new and useful improvements in tools for finishing boots and shoes.

In the half-soleing of boots and shoes it is
15 usually desirable after the new sole has been secured in position to rasp or scrape the surface thereof near the edge in such manner as to form a border from one-quarter to three-quarters of an inch wide, whereby the same
20 presents a more finished appearance than would otherwise be the case.

It is the object of the present invention to accomplish this result, and to that end I employ a handle or carrier provided with shoulders or guiding edges and arranged to hold a
25 scraping or rasping tool in such position as to act upon the surface of the leather when moved backward and forward, scraping and filing the edges of the sole to a full finish.

30 The invention will be hereinafter fully set forth, and particularly pointed out in the claim.

In the accompanying drawings, Figure 1 is a view in side elevation illustrating my invention. Fig. 2 is a transverse sectional view
35 on line 2 2, Fig. 1. Fig. 3 is a detail view of the scraping-tool.

Referring to the drawings, A designates a handle or carrier provided with a lower elongated head a^x of approximately-elliptical
40 form in plan and having a longitudinal slot or recess a , in which is designed to fit the edge of a scraping-tool B. The lower edges of the head a^x , adjacent the slot or recess a , are on different planes and form guiding-shoulders b b' , the latter projecting a short distance
45 below the former. Set-screws C, working in the handle or carrier, engage opposite sides of the scraping-tool B and prevent displace-

ment thereof while in use, said set-screws being on different vertical planes.

The scraping-tool B is formed of a flat approximately-rectangular piece of metal having a file-surface d and a rasp-surface d' on each side, making in all two files and two
55 rasps. Each file-surface d is wider than the rasp-surface d' , and the two are separated by a groove or depression d^2 . The teeth of the files are cut so as to run in one direction and the teeth of the rasps to run in the opposite
60 direction, so that when the tool is reversed in the handle or carrier the teeth thereof, whether file or rasp, will always run forward.

In practice the tool B is placed in the slot or recess a of the handle or carrier, one of the
65 file-faces d resting against the wall of said recess adjacent the shoulder b' . Each shoulder comes flush with the groove d^2 , the latter serving as a gage or guide in positioning the tool B. The set-screws C are then screwed
70 home to engage the opposite sides of said tool. The projecting file-face d is then placed on the surface of the sole, the shoulder b resting against the edge of the latter and serving to guide the tool in its movement. The work is
75 finished off by reversing the tool and repeating the operation with the projecting rasping-face d' , the edge or shoulder b' serving as the guide in this instance.

The advantages of my invention are apparent to those skilled in the art to which it appertains. It will be particularly observed that while I have described a specific form of scraping-tool, yet it is obvious that the ordinary shoemaker's rasp may be employed in
85 lieu thereof, or in lieu of forming the scraping-tool with file and rasping surfaces said surfaces may be provided with either file-teeth or rasping-teeth alone, as desired. The form of scraping-tool described, however, has
90 many practical advantages which are apparent. It will be further noted that by forming the shoulders on different planes a tool is provided by means of which borders of different widths may be made upon the shoe-sole. 95
Where the ordinary rasp is used, this may be accomplished by simply reversing the handle, while where the tool herein described is em-

ployed the same object is accomplished by reversing the tool.

A further advantage of my improved scraping-tool is that the same may be reversed
5 either end for end or edge for edge, as desired.

I claim as my invention—

A tool for finishing boots and shoes comprising a handle having a lower elongated head of approximately-elliptical form and
10 provided with lower bearing-shoulders formed on different planes, a longitudinal slot being formed in the bottom of said head intermediate of said shoulders, a reversible scraping-

tool located in said slot and having each of its faces provided with a filing and a scraping surface of different widths and separated
15 by a groove or depression, and binding-screws working in opposite sides of said head and engaging said tool, substantially as set forth.

In testimony whereof I have signed this
20 specification in the presence of two subscribing witnesses.

ANDREW HERMAN.

Witnesses:

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