

(No Model.)

J. W. ROGERS.  
Boot and Shoe Tip.

No. 241,423.

Patented May 10, 1881.

Fig. 1.

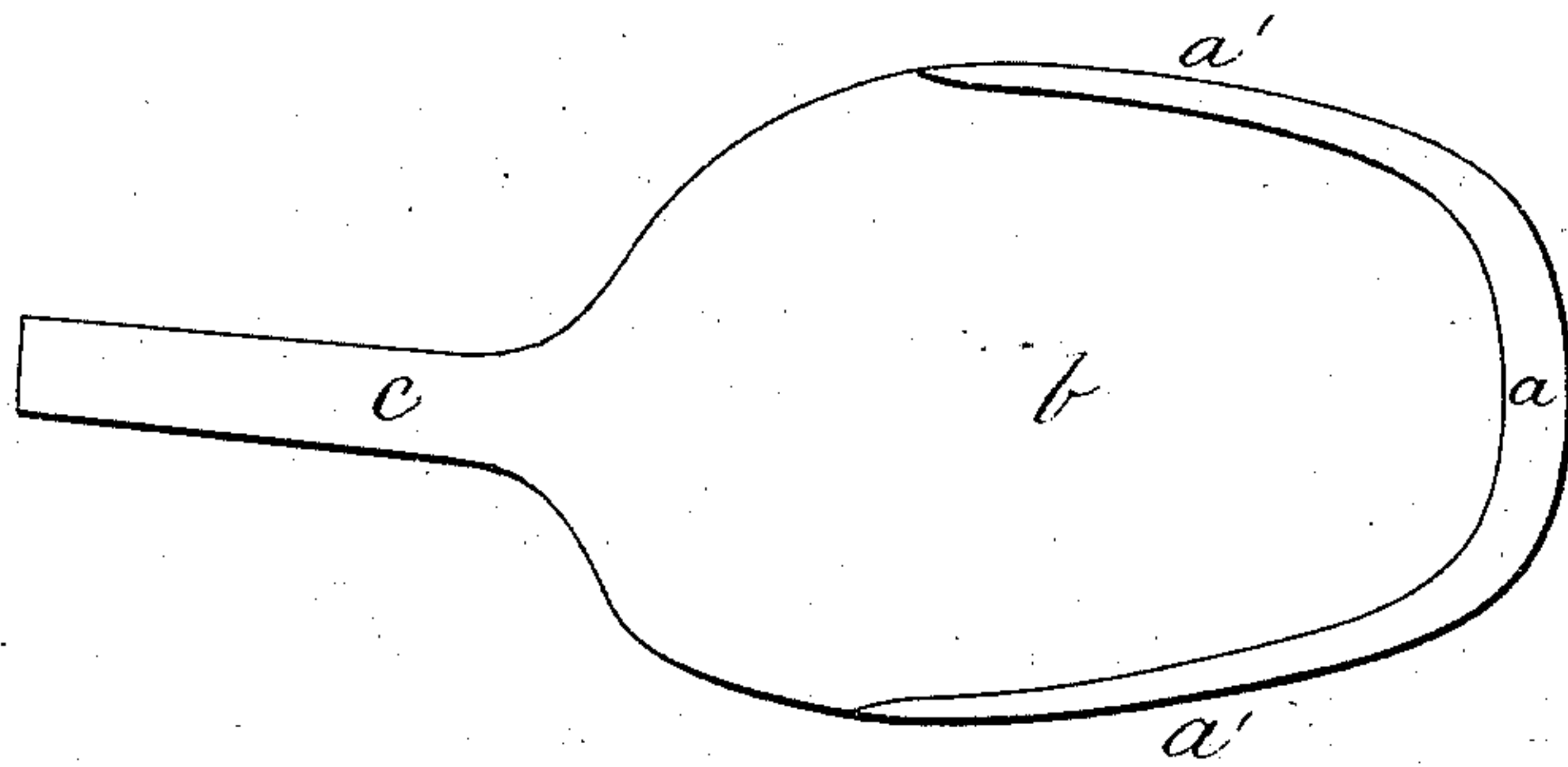


Fig. 2.

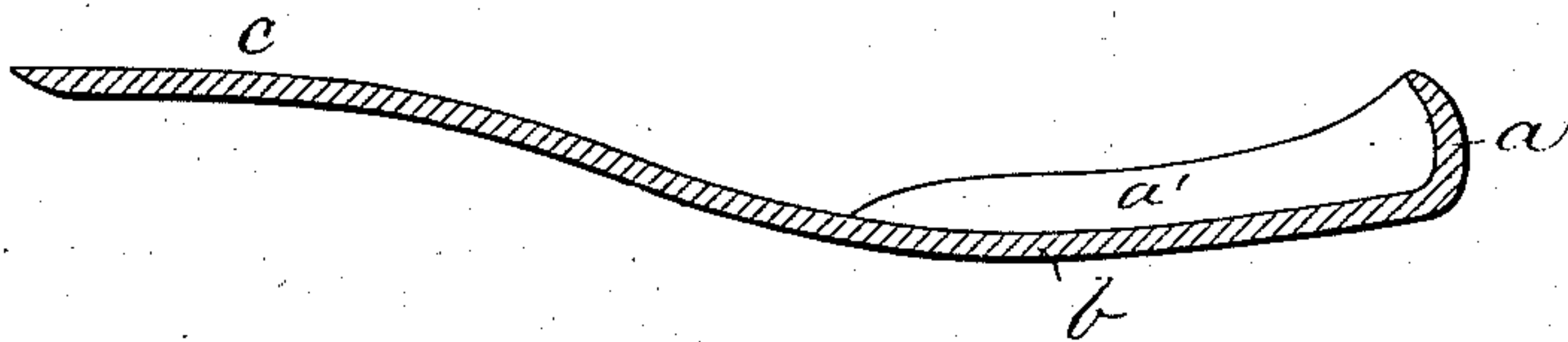
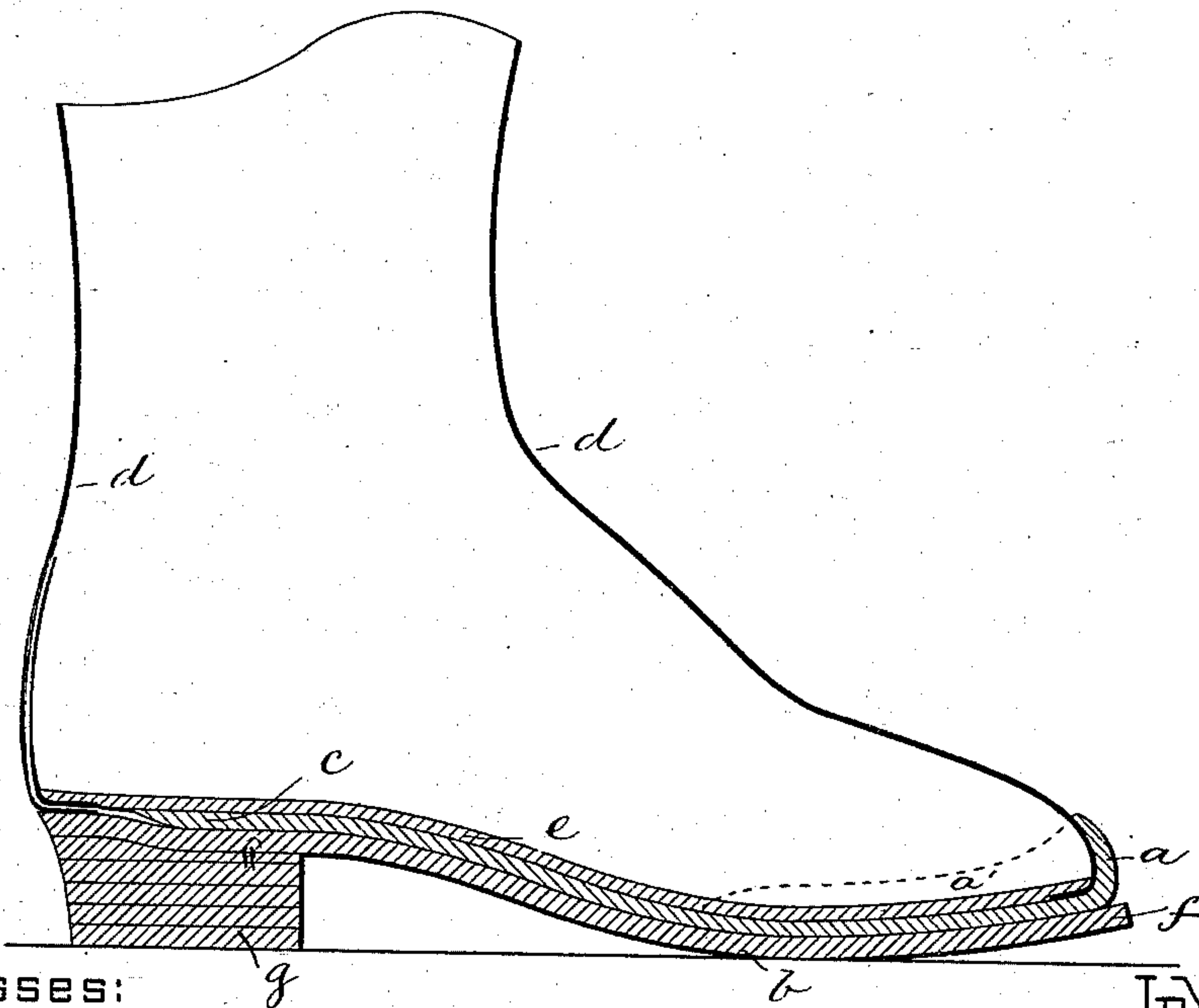


Fig. 3.



Witnesses:

Henry Chadbourn.  
Edwin P. Bostwick.

Inventor:

Josiah W. Rogers.  
by  
Alban Andren.  
his atty.

# UNITED STATES PATENT OFFICE.

JOSIAH W. ROGERS, OF SALEM, MASSACHUSETTS.

## BOOT AND SHOE TIP.

SPECIFICATION forming part of Letters Patent No. 241,423, dated May 10, 1881.

Application filed June 21, 1880. (No model.)

*To all whom it may concern:*

Be it known that I, JOSIAH W. ROGERS, a citizen of the United States, residing at Salem, in the county of Essex and State of Massachusetts, have invented certain new and useful Improvements in a Combined Boot and Shoe Tip, Filling, and Shank; 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 appertains to make and use the same, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

This invention relates to improvements in boot and shoe tips, and it is carried out as follows: It consists of the combination of a tip, filling, and a shank, made of one single piece, preferably molded, of vulcanized india-rubber, as will hereinafter be more fully shown and described, reference being had to the accompanying drawings, in which—

Figure 1 represents a plan view of my invention, and Fig. 2 represents a longitudinal section thereof. Fig. 3 represents a longitudinal section of a shoe provided with my improved tip, filling, and shank-piece combined.

Similar letters refer to similar parts wherever they occur on the different parts of the drawings.

The object of this invention is to make a tip which, when secured to the boot or shoe, shall also serve as a water-proof filling, to prevent dampness from striking through the bottom of the boot or shoe, in addition to its rear extension and service as a shank-piece for giving the desired filling or fullness to the central part of the shank when covered by the outer sole.

My invention, when united to a boot or shoe by means of sewing or pegging, as usual, will render it more elastic and of a much neater appearance as compared with others in which the tip, filling, and shank are made in separate pieces.

In making boots and shoes with my inven-

tion a good deal of labor is saved, as my improved tip, filling, and shank-piece may be lasted to the upper and inner sole at one operation, whereas in the ordinary way the tip and filling and shank-piece had each to be lasted separately to the shoe.

On the drawings, *a* represents the tip with its side extensions, *a' a'*, filling *b* between the inner and outer soles, and shank-piece *c*, all molded in one single piece, as and for the purpose described.

In Fig. 3, *d d* represent the upper of a boot or shoe, on which *e* is the inner sole, *f* the outer sole, and *g* the heel, as usual, and it will be seen in said figure that the filling *b* and shank-piece *c* are arranged between the inner and outer soles, *e f*, as and for the purpose set forth, and that the tip *a* projects in front upward and on each side toward the shank more or less, for protection of the toe and sides of the boot or shoe.

The shank-piece *c*, which is an extension of the filling, is in the form of a neck or strip, the filling being reduced in width to form the shank. This differs materially from those cases in which the half-sole and tip have been made in one piece but no shank provided.

Having thus fully described the nature and construction of my invention, I wish to secure by Letters Patent, and claim—

1. A boot or shoe provided between its inner and outer soles with a filling, *b*, formed in one piece with the tip *a* and the neck or shank *c*, substantially as described.

2. A boot or shoe provided between its inner and outer soles with the water-proof filling *b*, formed integral with the tip *a* and the narrow neck or shank *c*, substantially as described.

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

JOSIAH W. ROGERS.

Witnesses:

ALBAN ANDRÉN,  
HENRY CHADBOURN.