

(No Model.)

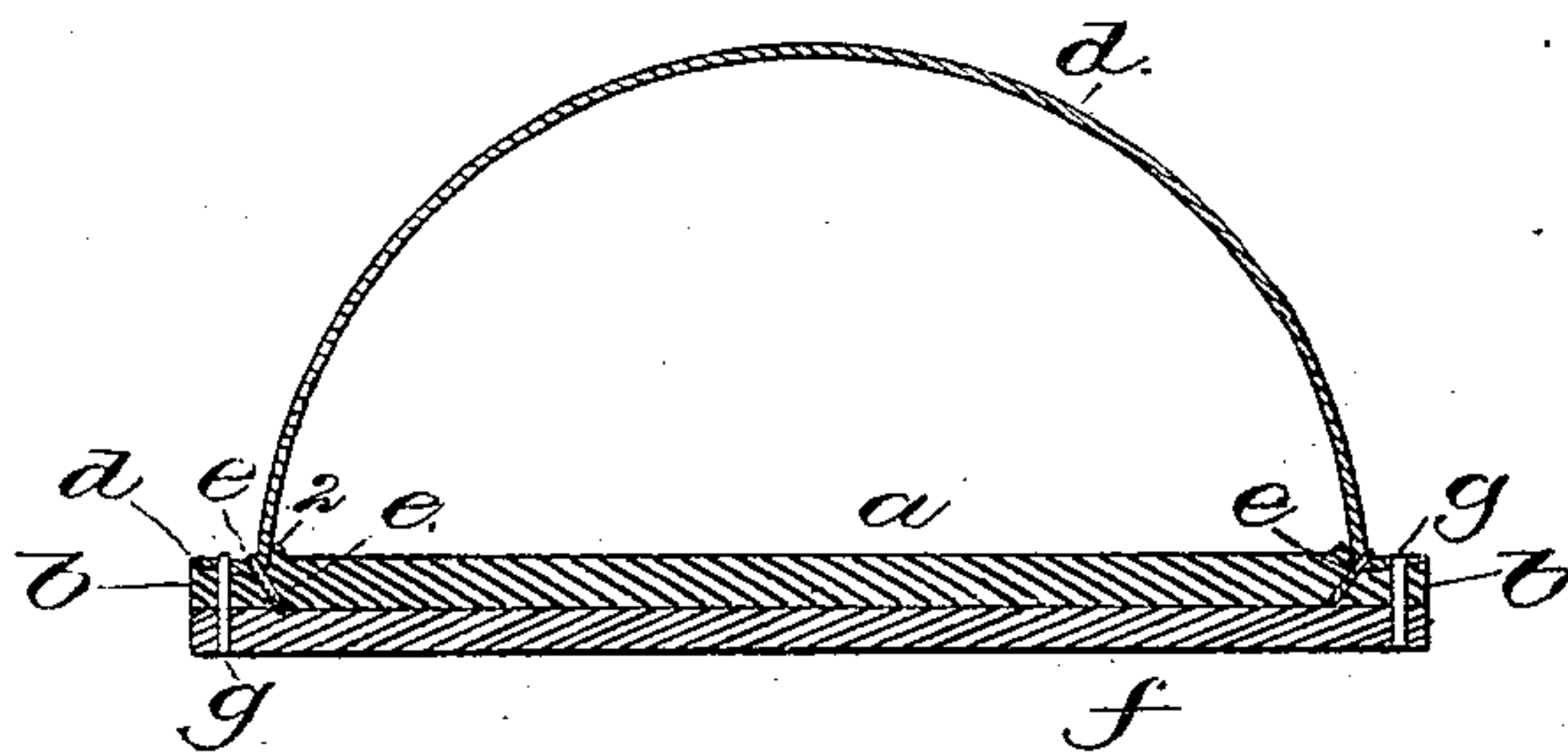
O. E. LEWIS.

BOOT OR SHOE.

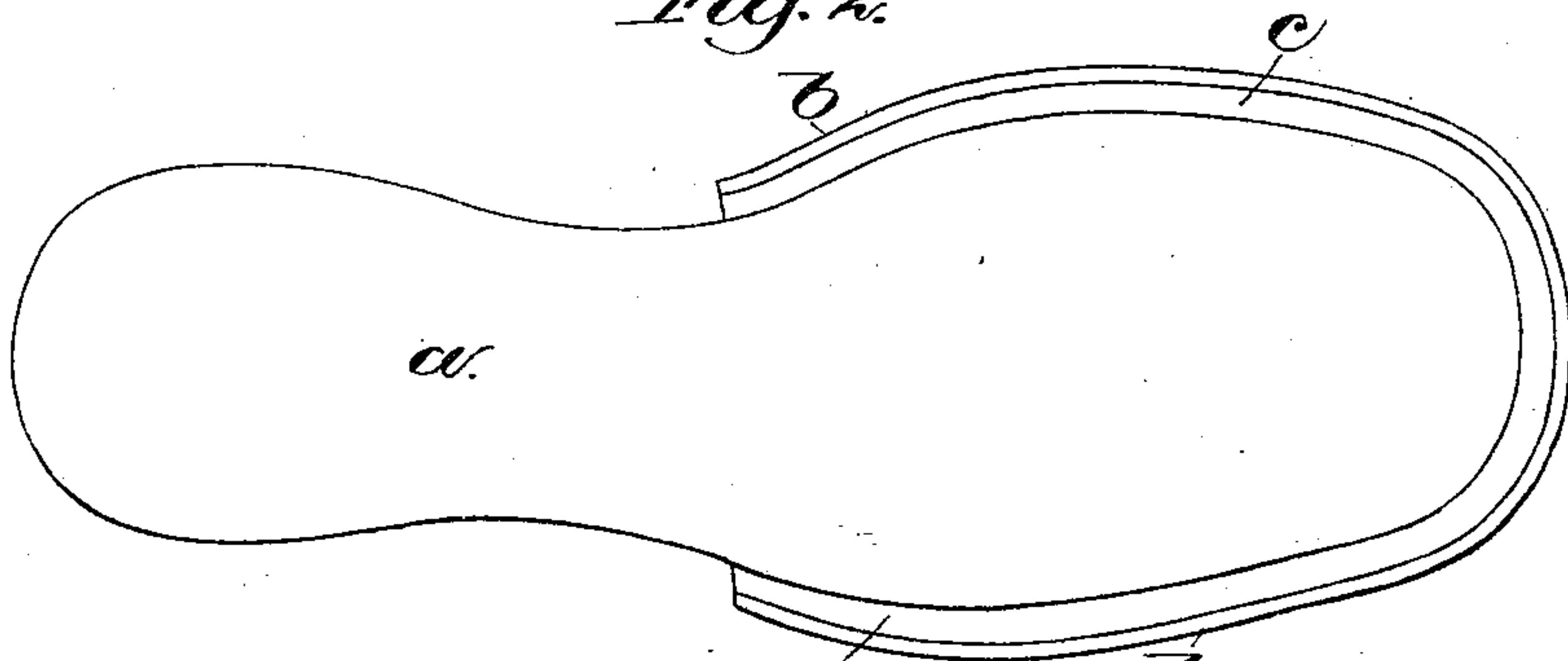
No. 270,596.

Patented Jan. 16, 1883.

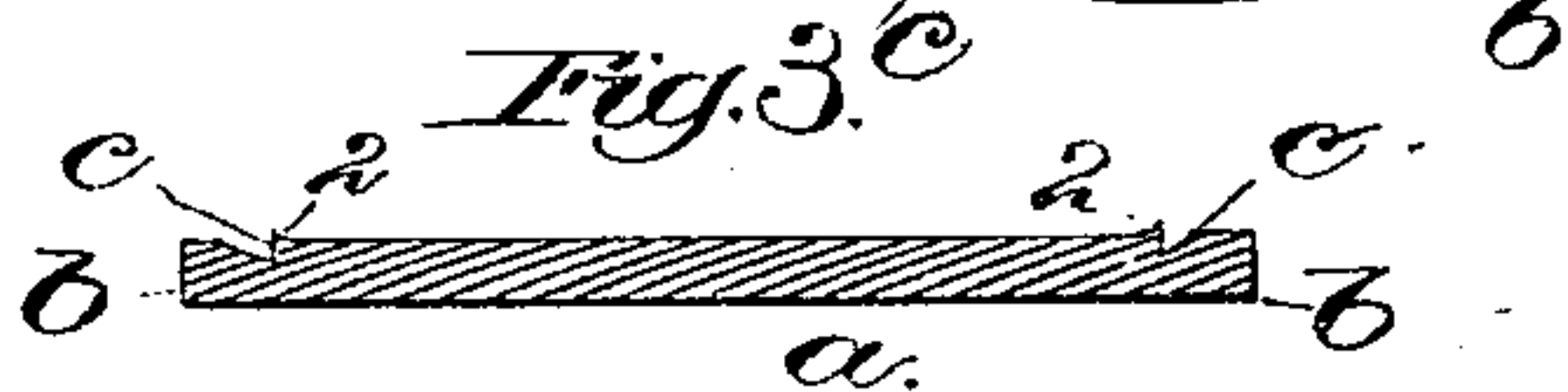
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



*Witnesses.*

*John F. C. Brinkert*  
*Fred A. Powell.*

*Inventor.*

*Orlando E. Lewis.*

*by Crosby Gregory*  
*Attys.*

# UNITED STATES PATENT OFFICE.

ORLANDO E. LEWIS, OF COLUMBUS, OHIO.

## BOOT OR SHOE.

SPECIFICATION forming part of Letters Patent No. 270,596, dated January 16, 1883.

Application filed April 10, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, ORLANDO E. LEWIS, of Columbus, county of Franklin, State of Ohio, have invented an Improvement in Boots or Shoes, of which the following description, in connection with the accompanying drawings, is a specification.

My present invention is an improvement on United States Letters Patent No. 237,396, granted to me February 8, 1881, to which reference may be had, and has for its object to make a stronger and more serviceable boot or shoe of that class wherein the margin of the fore part of the upper is turned outward and stitched to the sole.

My invention consists in a boot or shoe having the outwardly-turned margin of its upper, about the fore part thereof, sunk and stitched down closely into a channel made in the foundation-sole about its fore part, a part of the said sole being extended or flanged, as shown, to have made in it the said channel and to serve as a welt, the edge of the said sole about its fore part, and preferably also the outwardly-turned margin of the fore part of the upper, being subsequently united by an independent row of sole-fastenings.

Figure 1 represents in cross-section a boot or shoe made in accordance with my invention; Fig. 2, a top view of one of my channeled foundation-soles, and Fig. 3 a cross-section of it.

The foundation-sole *a*, against which the stocking rests, is provided about its fore part with a flange, *b*, of greater or less width, according to the distance it is desired that the sole-edge project beyond the upper. The flange *b* is grooved or channeled at *c*, leaving a shoulder, 2, which is preferably extended somewhat above the level of the said sole at its center. In my patent referred to I employed a sole with this flange; but the flange was not channeled. In that patent the quarter and upper about the heel and shank of the sole had their edges turned inward under the heel and shank of the sole; but about the fore part the outwardly-turned upper was stitched directly upon the plane unchanneled top of the sole, and the stitches connecting the fore part of the upper with the said sole and the outer sole about the

fore part of the upper were made through and through the outwardly-turned upper, foundation-sole, and outer sole.

In my present invention I prefer to have the boot or shoe at the heel and shank made as in my said patent; but at the fore part, the upper being on the last, I place the outwardly-turned margin of the upper above the channel *c* and stitch the same to the foundation-sole *a* by stitches *e*, the latter bending and drawing the upper down into the said groove or channel, as shown, against the shoulder 2, which is thus interposed, as it were, between the foot and the said line of stitches, so that, were it possible for the seam made by the stitches *e* to "grin," the spaces or openings would not lead directly to the foot or stocking.

To apply the outer sole, *f*, it is laid upon the foundation-sole, the latter having been united to the upper, and the outer sole, foundation-sole, and preferably the outwardly-turned margin of the upper, are united by a series of sole-fastenings, *g*, preferably of wire; but it is obvious that any usual sole-fastening may be employed instead. That part of the foundation-sole which is extended outwardly beyond the line of stitches *e* serves fully the purposes of a welt.

To give greatest durability to the boot or shoe and lessen the liability of dampness and dust entering between the upper and foundation-sole at the series of stitches *e*, it is best to extend the sole-fastenings *g* through the outwardly-turned upper, and so, also, the extension of the upper outward to receive the fastenings *g* gives a better finish to the boot or shoe.

The fastenings *g* may, if desired, be buried or clinched in a channel at the outer face of the outer sole, *f*.

I have herein shown the outer sole and inner or foundation sole united about the fore part by means of a series of driven metal fastenings; but I do not herein broadly claim such, as that feature is made the subject of claim in my application No. 68,808, filed August 8, 1882.

I claim—

The foundation-sole *a*, provided about its fore part with the channeled flange, and the

upper having its marginal edges turned outward and secured in the channel of the said flange by stitches *e*, combined with the outer sole united to the said foundation-sole by a  
5 series of sole-fastenings, *g*, substantially as described.

In testimony whereof I have signed my name

to this specification in the presence of two subscribing witnesses.

ORLANDO E. LEWIS.

Witnesses:

G. W. GREGORY,  
W. H. SIGSTON.