

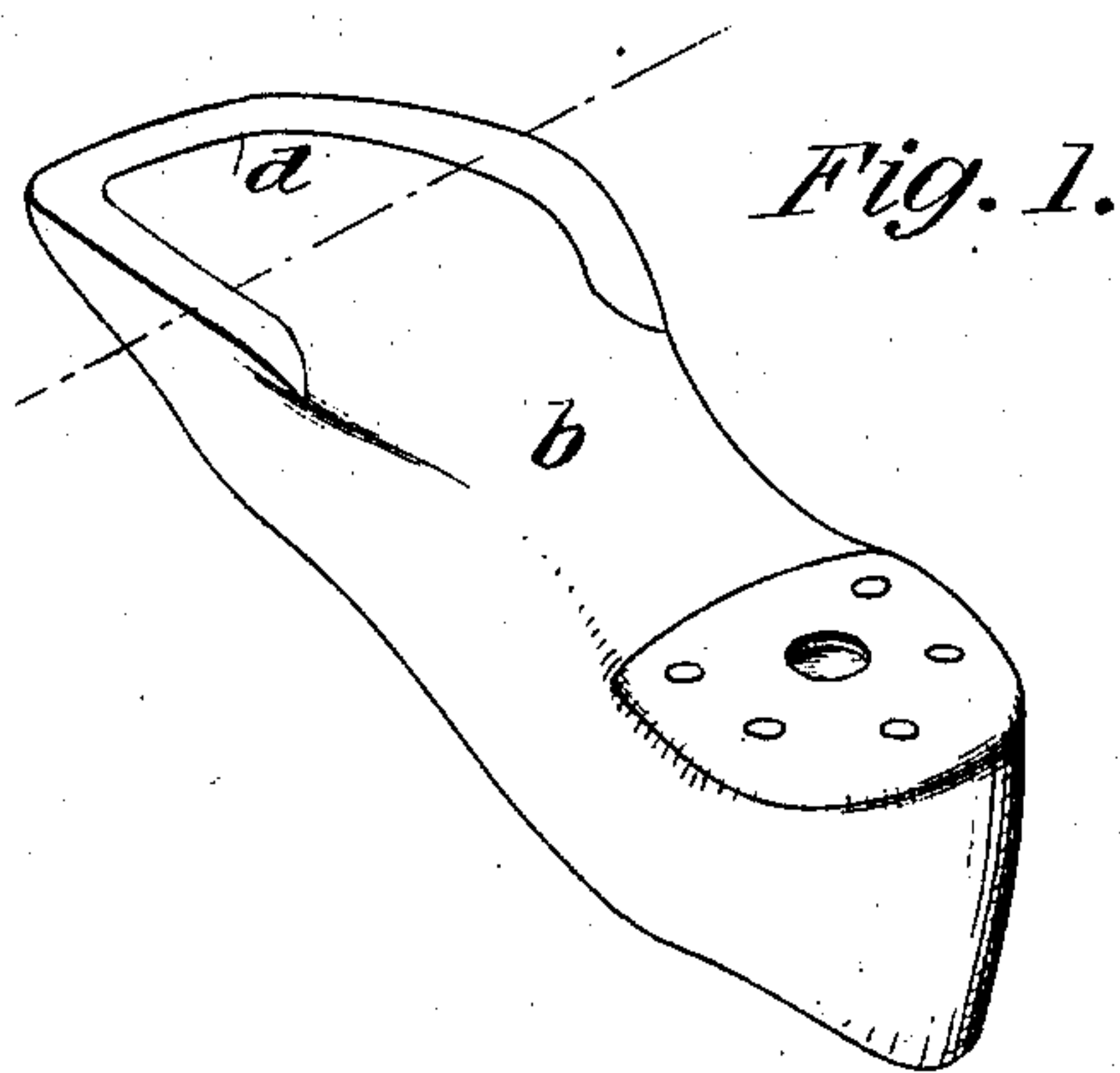
(No Model.)

W. POND.

BOOT AND SHOE LAST.

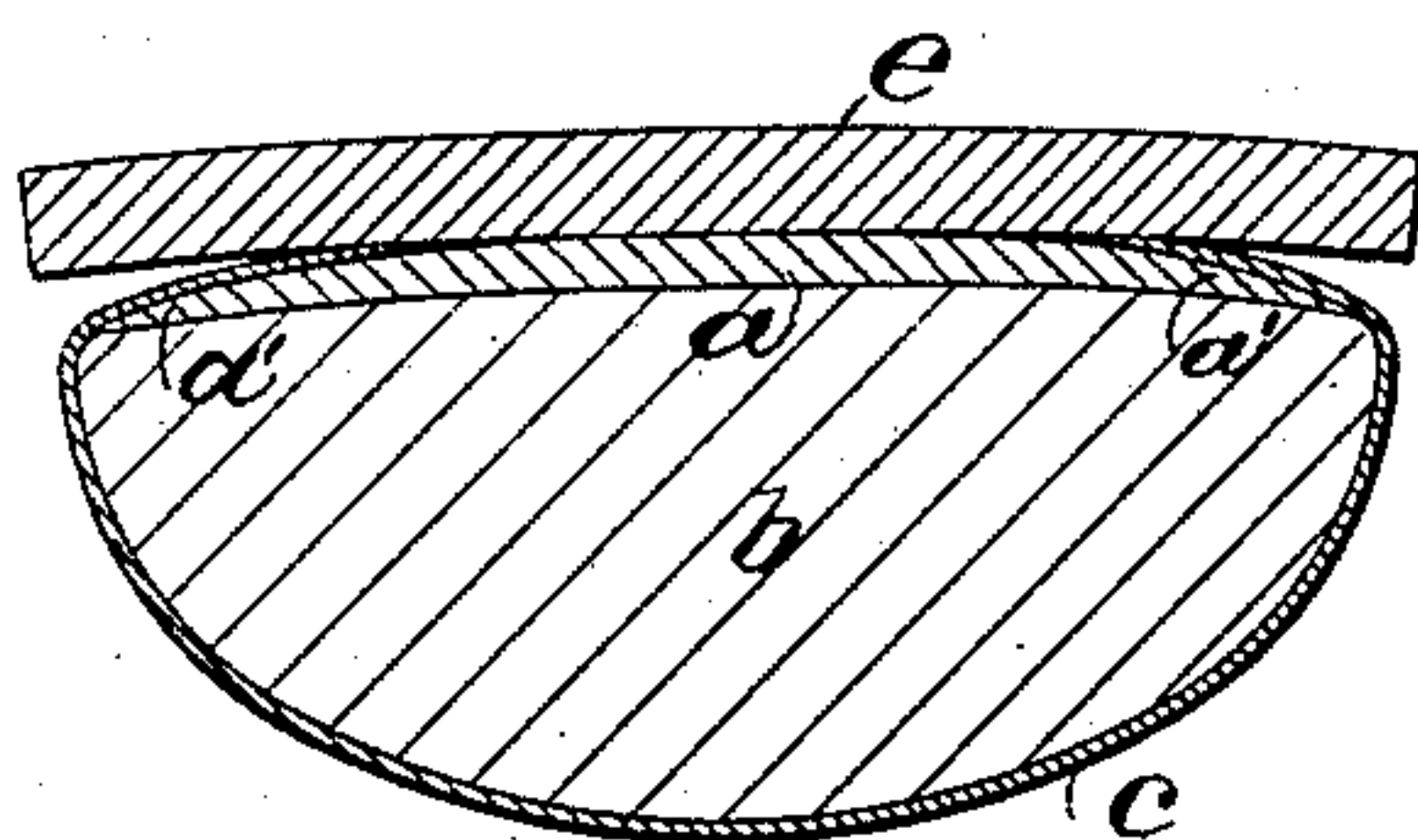
No. 294,146.

Patented Feb. 26, 1884.

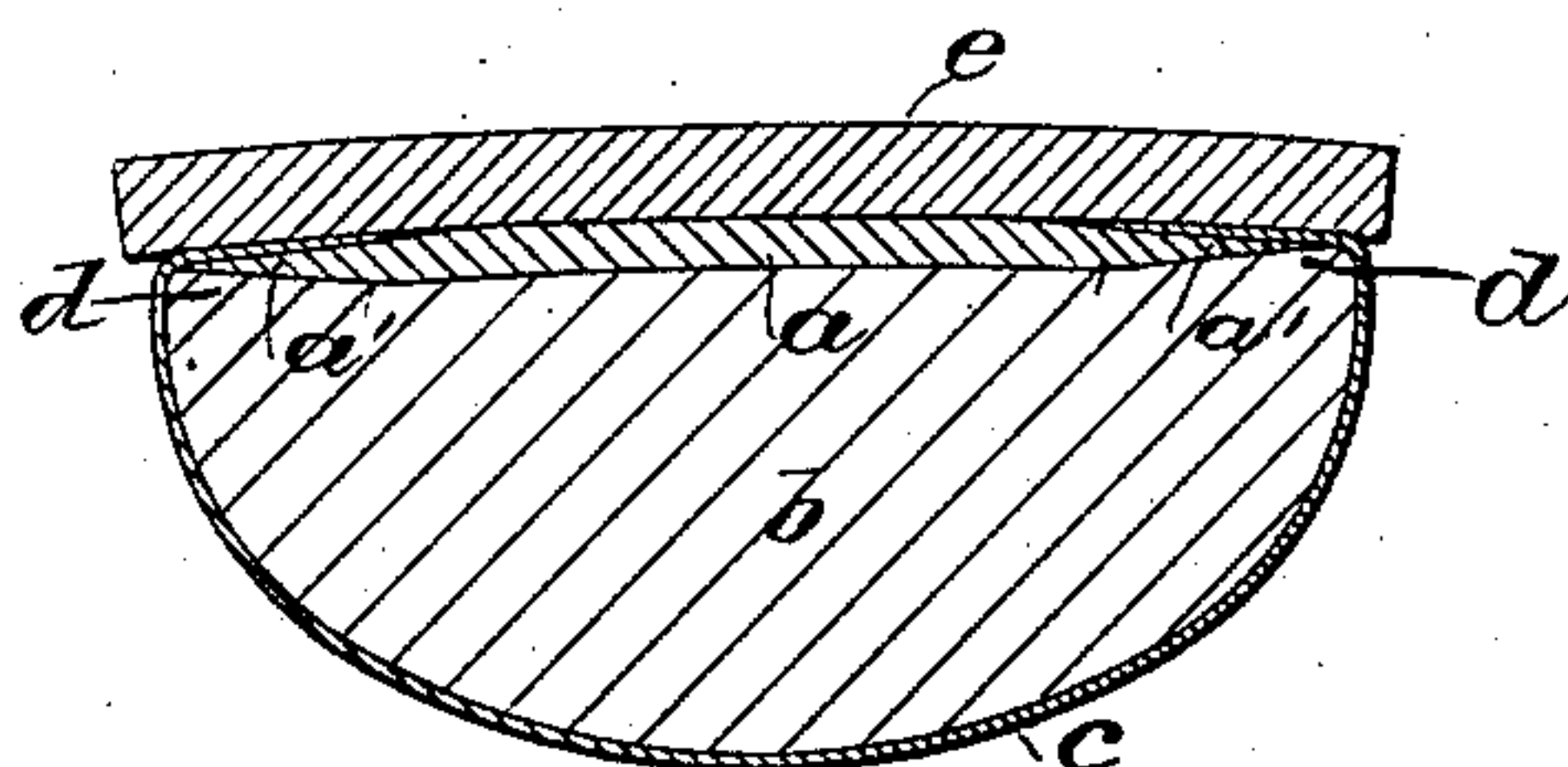


*Fig. 1.*

*Fig. 3.*



*Fig. 2.*



WITNESSES:

*James Deemer*  
*C. Sedgwick*

INVENTOR:

*W. Pond*  
BY *Munn & Co*  
ATTORNEYS.

# UNITED STATES PATENT OFFICE.

WILLIAM POND, OF KANSAS CITY, MISSOURI.

## BOOT AND SHOE LAST.

SPECIFICATION forming part of Letters Patent No. 294,146, dated February 26, 1884.

Application filed June 13, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM POND, of Kansas City, in the county of Jackson and State of Missouri, have invented certain new and useful Improvements in Boot and Shoe Lasts, of which the following is a full, clear, and exact description.

This invention consists in providing lasts for boots and shoes, made with the outer edge of the bottom elevated to any desired height and width and inclined or beveled inwardly, for the purpose of taking the place of the leather removed by the workman in beveling the edges of the insole.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of my improved last. Fig. 2 is a sectional elevation of the same, showing the insole, the upper, and sole in place upon the last before or ready for fastening; and Fig. 3 is a sectional elevation, showing the old form of last with the insole, upper, and sole placed thereon, ready for fastening.

In order to give a boot or shoe a finished appearance when completed, it is necessary to bevel the insole *a* by cutting a piece about one-half inch in width and nearly as thick as the sole itself from its outer edge, as shown at *a' a'*, Fig. 2. This leaves the surface of the insole *a* oval, and in the ordinary form of last, *b*, unsupported at its edges, making it necessary, after the last is withdrawn, to hammer the upper *c*, in order to make both the upper and insole lie close to the sole, as seen in Fig. 3. This hammering consumes considerable time, and to some extent injures the fibers of the upper stock, and sometimes causes the upper to crack near the sole. By my invention I overcome these objections by forming a last with the outer edge of the bottom elevated and inclined or beveled inwardly, as at *d*, thereby taking the place of the stock removed in beveling the insole, and holding the whole

in place until the boot or shoe is finished, as will be understood from Fig. 2.

By the use of my improved last it will be seen that the edge of the insole is kept, practically, in a level position upon the bottom of the last while the upper *c* is being fastened, and while the outer sole, *e*, is being secured, and will remain so after the last is withdrawn, so that, besides the advantage of avoiding the labor of hammering and danger of cracking the upper above mentioned, the elevation or cushion *d* holds all the stock more firmly together while being fastened than by the old form of last, making the edges more solid; and the cushion *d* also keeps the edges of the insole turned away from the foot, making the boot or shoe more comfortable to the wearer; and in all machine-sewed work the groove made for holding the thread weakens the sole, so that in beating out the work the stock may be partly and sometimes is wholly broken. The elevation or cushion *d* of the improved last supports the edges of the sole outside the groove, and entirely overcomes this difficulty, and in all cases a better surface for the outside sole is secured at less cost and labor than by the old form of last; and, besides this, a boot or shoe made on this improved last becomes in its general form more like the regular hand-sewed work, and will be less liable to run over at the counter, and the whole bottom will wear more evenly.

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

A boot or shoe last provided on the extreme outer edge of its bottom, around the toe portion, with the inwardly inclined or beveled elevation *d*, to adapt it to take the place of the stock removed from the insole and form a firm seat for the latter, substantially as herein shown and described.

WILLIAM POND.

Witnesses:

W. F. FAHS,  
D. B. FUNK.