

C. Meyer,

Rubber

No. 34,689,

Patented Mar. 18, 1862.

Fig. 1.

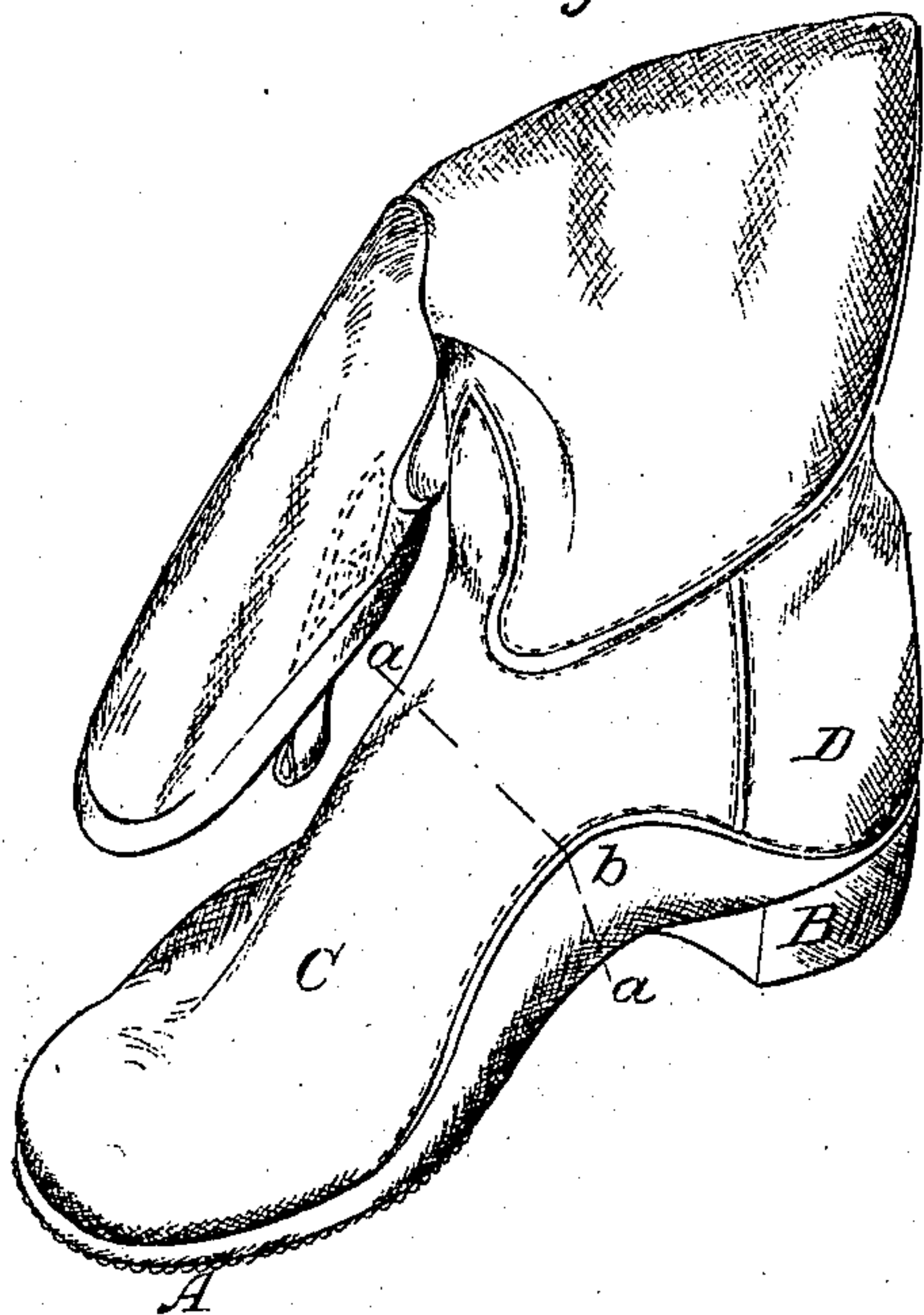


Fig. 2.

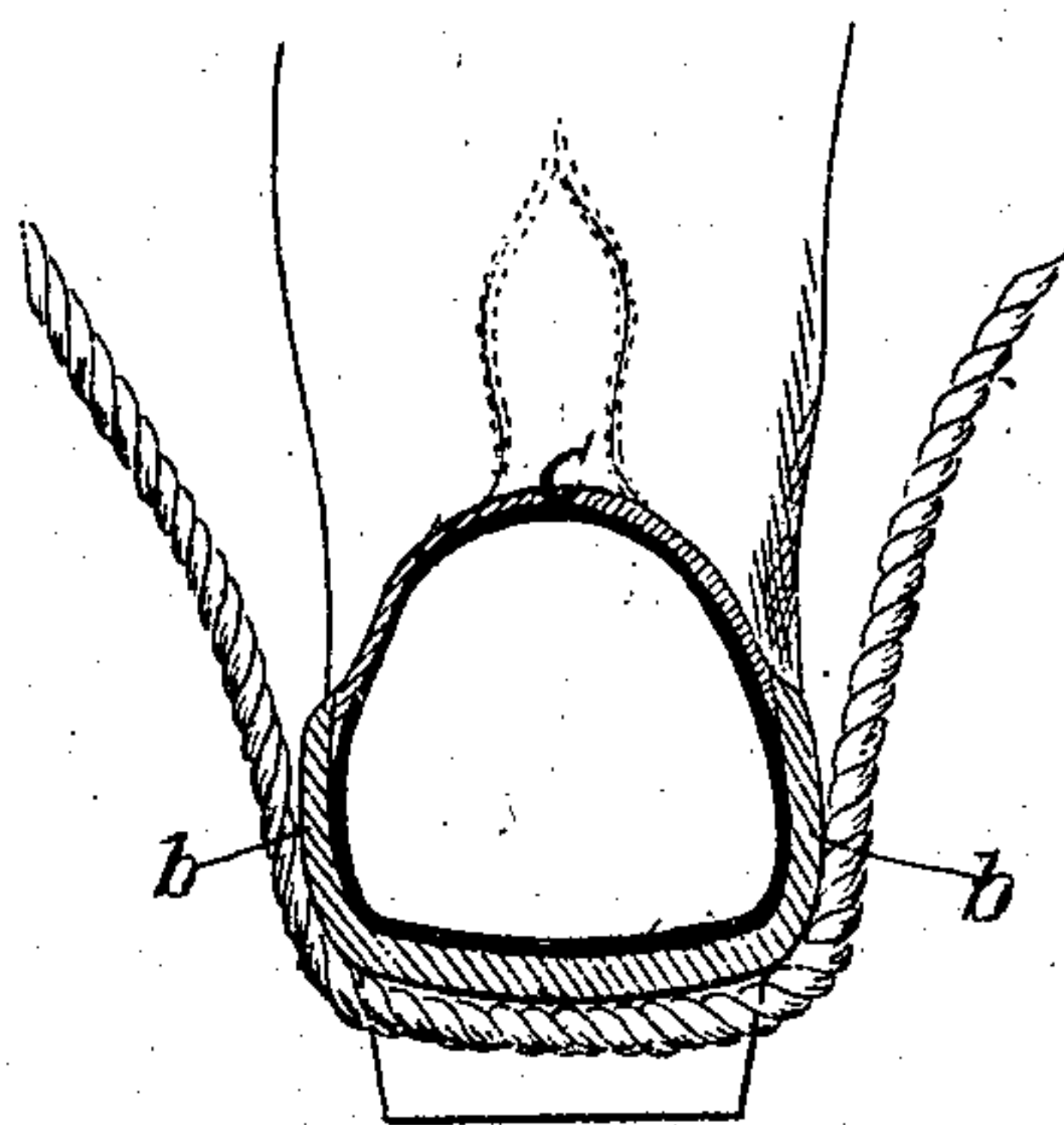
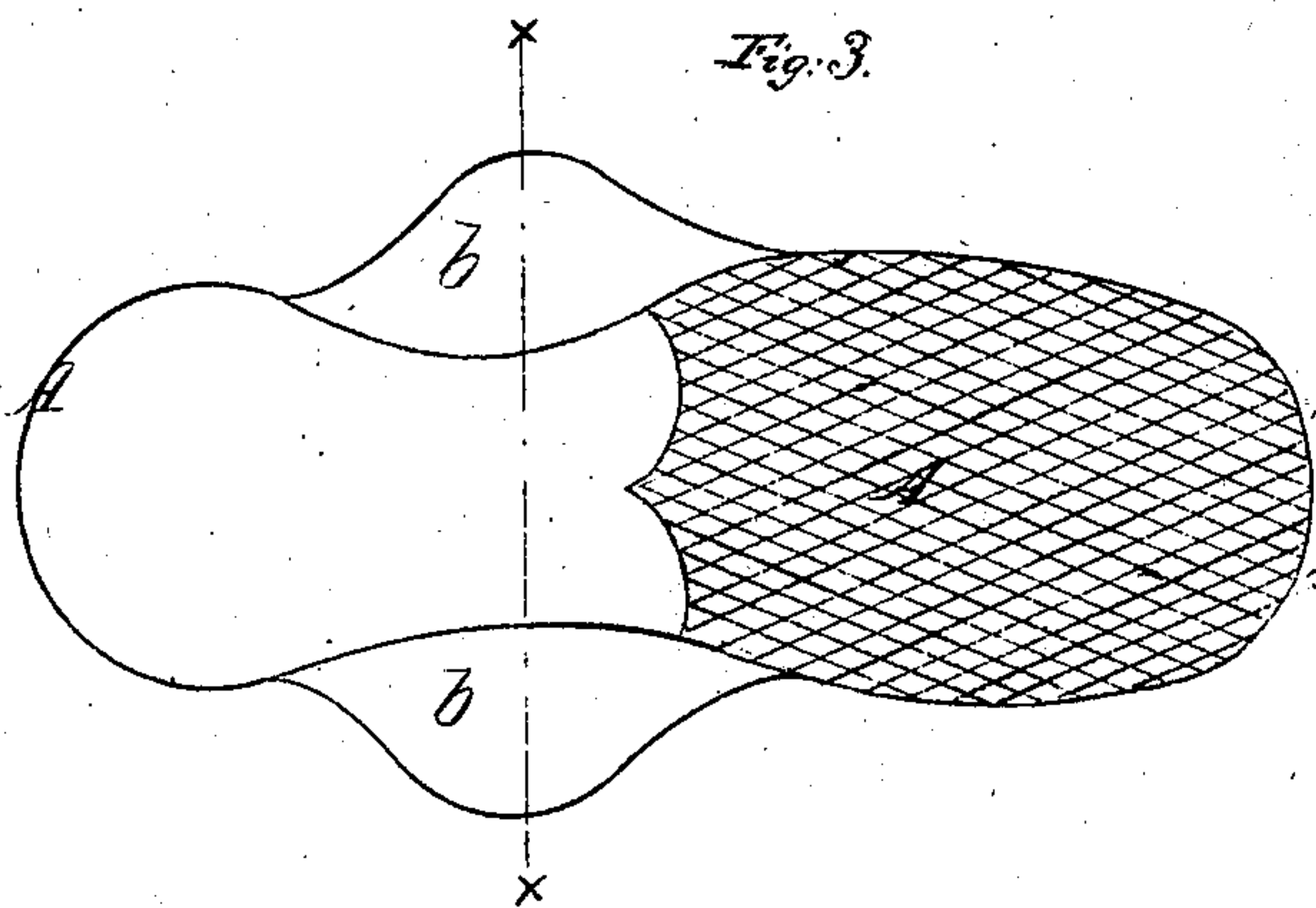


Fig. 3.



Witnesses  
E. S. Jacob  
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by Mason, Pennick & Lawrence  
his atty's.



# UNITED STATES PATENT OFFICE.

C. MEYER, OF NEW BRUNSWICK, NEW JERSEY.

## IMPROVEMENT IN BOOTS AND SHOES.

Specification forming part of Letters Patent No. 34,689, dated March 18, 1862.

*To all whom it may concern:*

Be it known that I, C. MEYER, of New Brunswick, in the county of Middlesex and State of New Jersey, have invented a new and useful Improvement in the Manufacture of Boots and Shoes; and I do hereby declare the following to be a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

My invention is more particularly intended for the benefit of persons whose occupations are upon the water, as fishermen or boatmen, and who, from the incidents of their daily work, have occasion to use the foot in belaying ropes—as, for instance, when a rope is run out from a windlass, say, for the purpose of casting a seine or when drawing it in, it is convenient and desirable to place the foot upon the rope in the position indicated in the drawings, and thus retard or guide its movement. Such act, however, as boots and shoes are usually constructed, brings the friction of the rope upon the weakest part of the “upper”—that is to say, if a shoe be used for this purpose the rope clasp- ing its sides, as shown in the drawings, Fig. 2, will impinge or rub against the vamp-fox- ing and the quarter-foxing at a point where they meet and are sewed together, and if a boot be worn then the rope will impinge against the point where the front and rear uppers meet, and in either case the seam at the sides of the boot or shoe will very soon become worn out; but even if the seam at such point should not become worn the boot or shoe would soon fail under the action of a rope, as stated, owing to the fact that the weakest portion of the leather which is used for making boots and shoes is ordinarily dis- posed by the manufacturers of those articles at the very place where, for the purpose I de- sign their use, the stoutest part of the boot or shoe is required.

In the drawings, Figure 1 shows a boot with my improvement applied. Fig. 2 is a vertical section of Fig. 1 in the line *a a*; and Fig. 3, a plan of my boot or shoe sole, seen applied in Fig. 1.

After a boot or shoe is so far completed in

the well-known manner as to require the ad- dition of a “sole” and a “heel,” I cut out a sole in the outline, as shown at A, Fig. 3, the widest portion thereof being in the line *x x*, and forming ears *b* on each side of that por- tion of an ordinary sole which is the least in width. Such sole is then attached to a boot or shoe, as seen in Fig. 1, previous to which the heel B may be secured to it, or the heel may be applied after the sole is secured per- manently in place.

In the present case I have shown my im- provement applied to an india-rubber boot having a rubber front C and back D, with a rubber sole A applied thereto, as described; but I contemplate the application of such formed soles to boots and shoes when made of ordinary material, as leather. As, for in- stance, when the sole is made of rubber and applied to a rubber boot or shoe it can be se- cured thereto by the ordinary process of unit- ing such material, and if made of leather and applied to a leather boot or shoe the ears *b* may be secured to the uppers by stitching, the bottom or main portion A of the sole be- ing secured to the uppers either by stitching or pegging in the usual manner. The ears *b*, (shown in color in Fig. 3,) rising upon either side of the shank of the sole, and being se- cured to the sides of a boot or shoe, effectually protect its body from the effect of the peculiar wear to which it is now subjected in the use named, and this at the cost of a mere trifle over the cost of an ordinary boot or shoe; and so constructed a boot or shoe will wear quite as long when applied to the purpose to which it is peculiarly adapted as will an ordi- nary boot or shoe under its ordinary use.

Having thus described my invention, what I claim as new, and desire to secure by Let- ters Patent of the United States, is—

So extending the width of the shank of a boot or shoe sole that when applied to a boot or shoe said sole shall form a lateral wearing protection on each side of the boot or shoe, in the manner and for the purpose set forth.

C. MEYER.

Witnesses:

JAS. C. EDMONDS,  
JOS. FORD.