

B. F. SPARROW.
METALLIC TIP FOR BOOTS OR SHOES.

No. 67,920.

Patented Aug. 20, 1867.

Fig: 1.

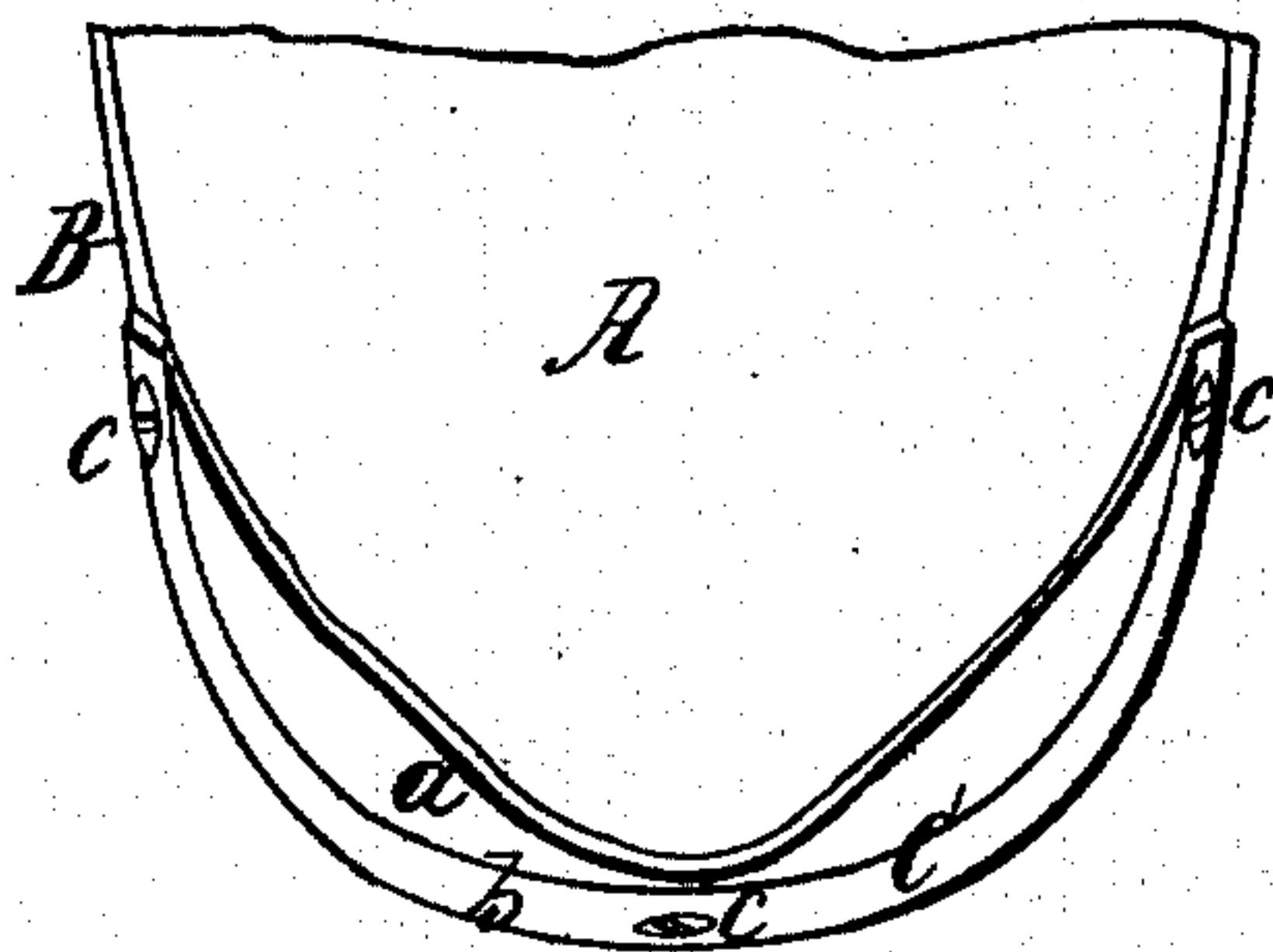


Fig: 2.

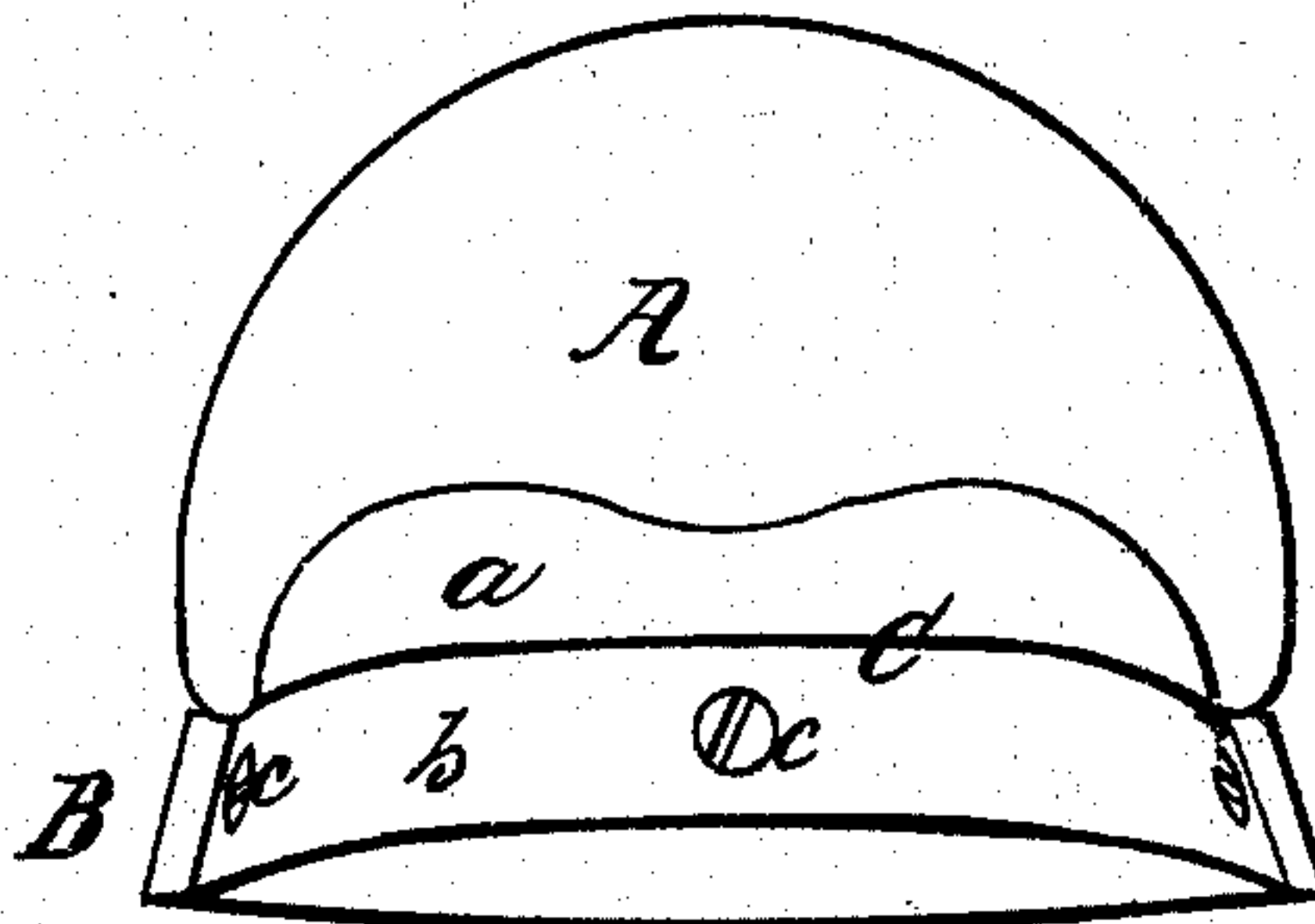


Fig: 3.

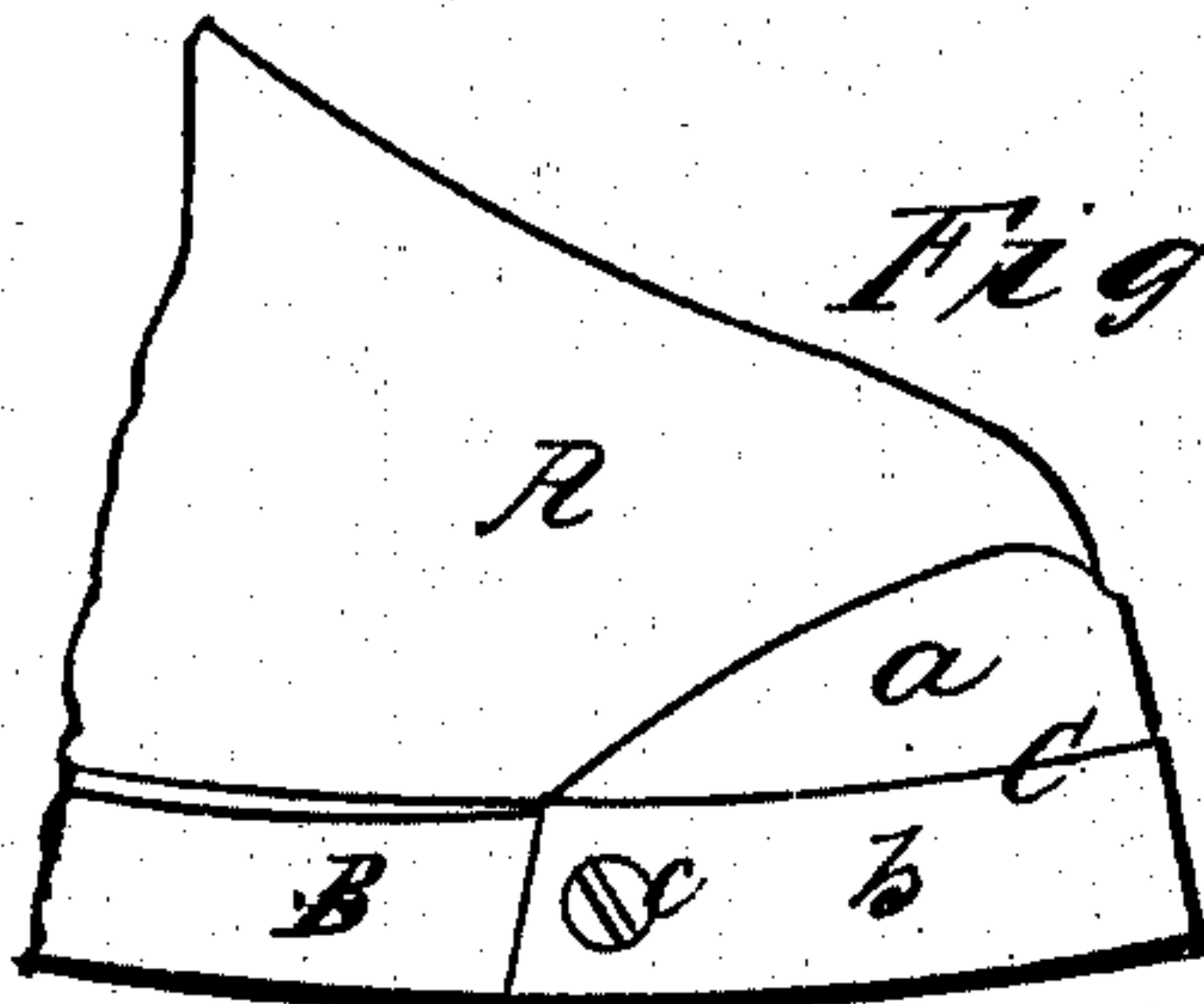


Fig: 4.

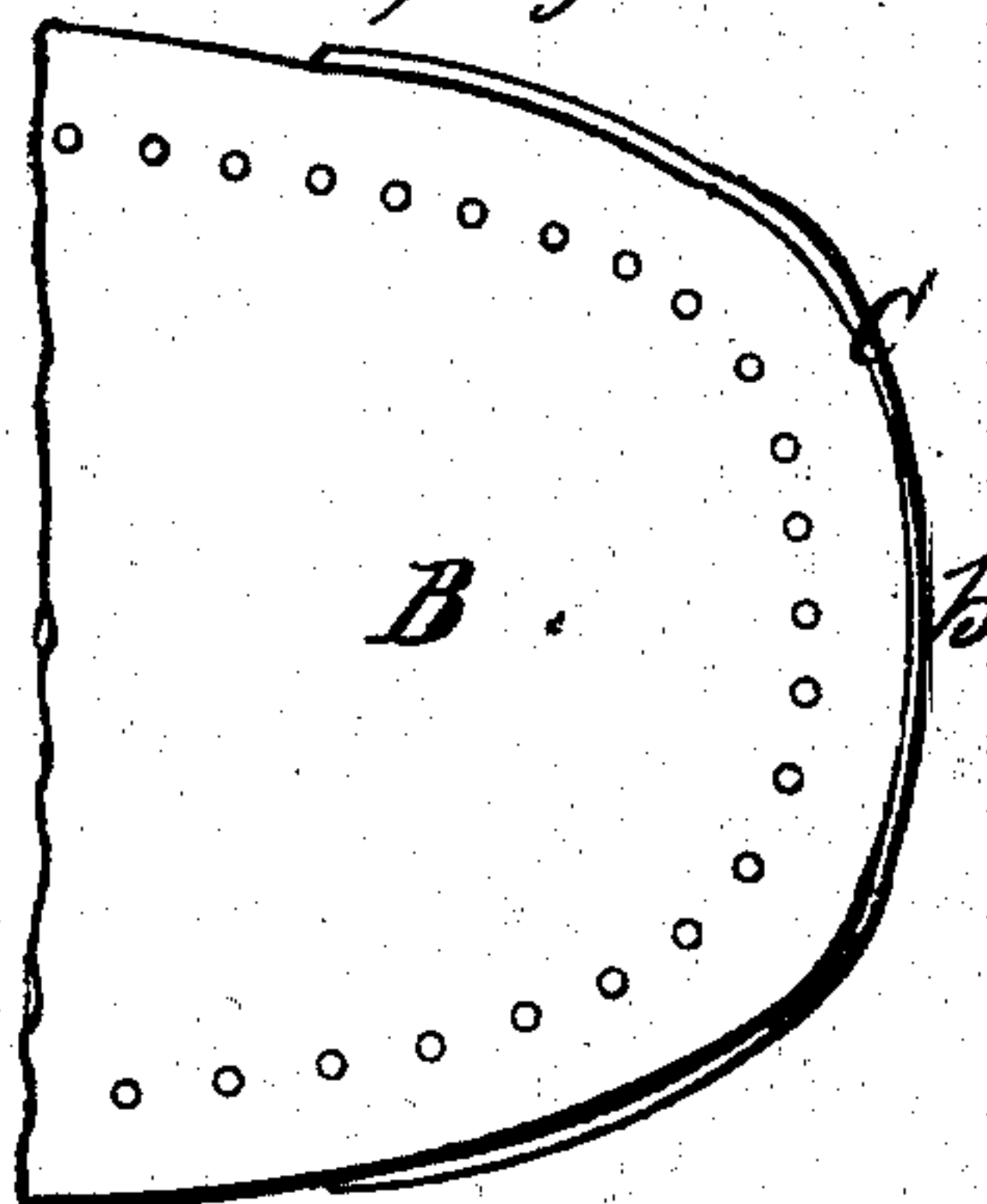
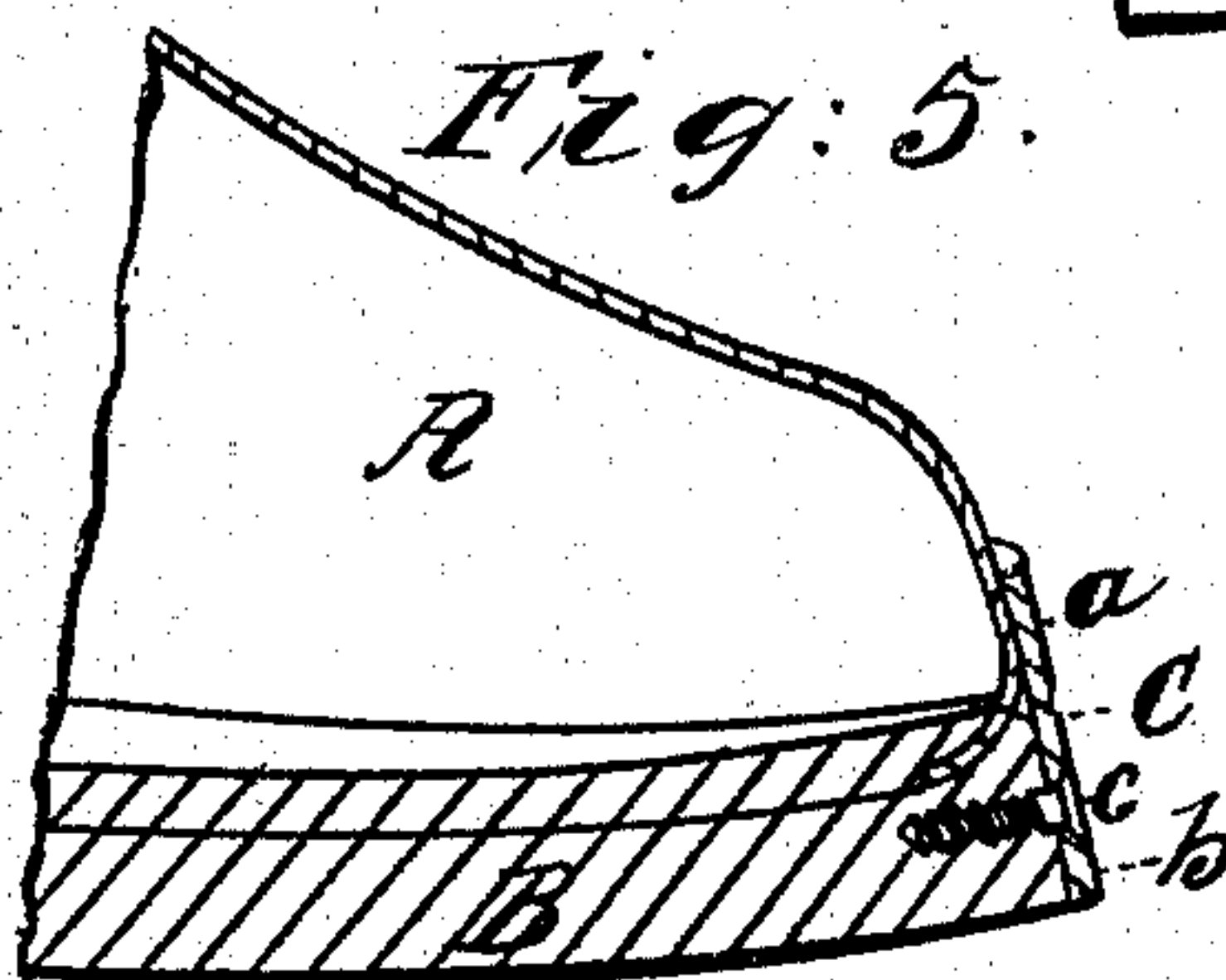


Fig: 5.



Witnesses:
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Lauritz Mollen.

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by his attorney
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BENJAMIN F. SPARROW, OF BOSTON, MASSACHUSETTS.

Letters Patent No. 67,920, dated August 20, 1867.

IMPROVEMENT IN METALLIC TIPS.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL PERSONS TO WHOM THESE PRESENTS MAY COME:

Be it known that I, BENJAMIN F. SPARROW, of Boston, in the county of Suffolk, and State of Massachusetts, have invented a new and useful Improvement in Metallic Tips for boots or shoes, and in the application of such tips thereto; and I do hereby declare the same to be fully described in the following specification, and represented in the accompanying drawings, of which—

Figure 1 is a top view.

Figure 2, a front elevation.

Figure 3, a side elevation.

Figure 4, a bottom view; and

Figure 5, a vertical section of the toe part of a boot or shoe, with my invention applied.

The common metallic tip, when applied to a shoe, has covered the toe of the upper alone; but with my invention it covers and protects the toe of the sole as well as that of the upper, and it is fastened to the edge of the sole.

In the drawings, A denotes the upper, and B the sole of a boot or shoe toe. The metallic tip is shown at C as composed of the upper and sole-guards *a b*, united in one piece, the sole-guard *b* being applied to the edge of the toe, and fastened thereto by means of screws *c c c*, which go through the part *b* and screw into the sole.

The sole-guard thus serves not only to support the toe-guard, but as a protection for the toe of the sole, to prevent the latter from being worn or injured while the shoe or boot may be in use.

I would remark that I am aware of the metallic fender or device shown in the United States Patent No. 34,461, such being for protecting the toe parts of the upper leather and sole of a shoe. This device differs from mine in having a central flange or projection to go between the soles; and furthermore the fender is extended underneath and across the outer sole, which is not the case with my invention, by which the central flange is dispensed with, and the toe-guard is fastened by screws going into the edge of the sole.

I make no claim to a metallic tip to be applied to the upper at its toe.

What I claim as my improvement, is—

The metallic upper and sole-tip or guard, as made, without any central flange, and with holes through it to receive screws, and arranged so that such screws may enter the outer edge of the sole when covered by such tip.

BENJAMIN F. SPARROW.

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