

(No Model.)

D. HALL.

OVERSHOE.

No. 300,774.

Patented June 24, 1884.

Fig. 3.

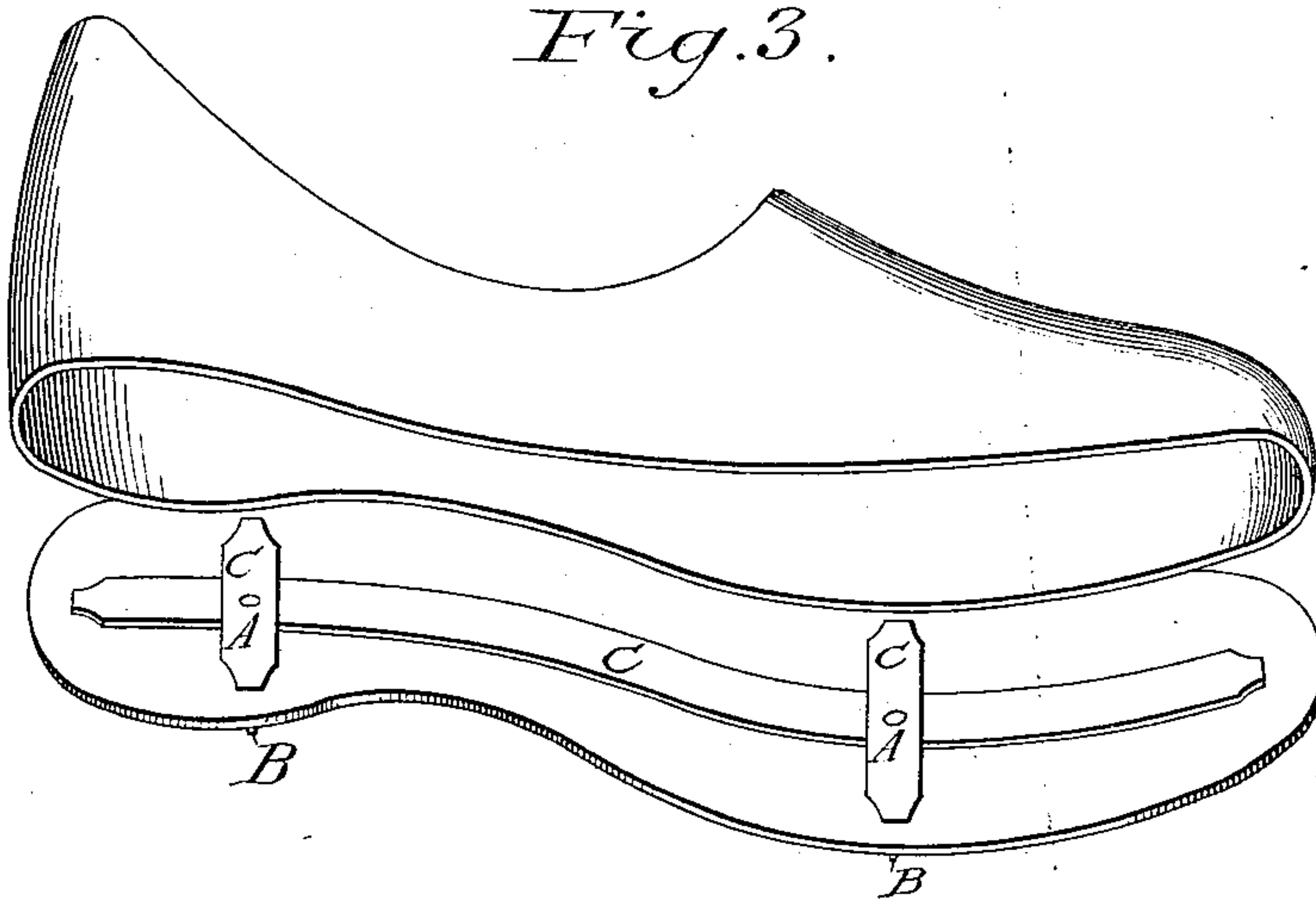


Fig. 1.

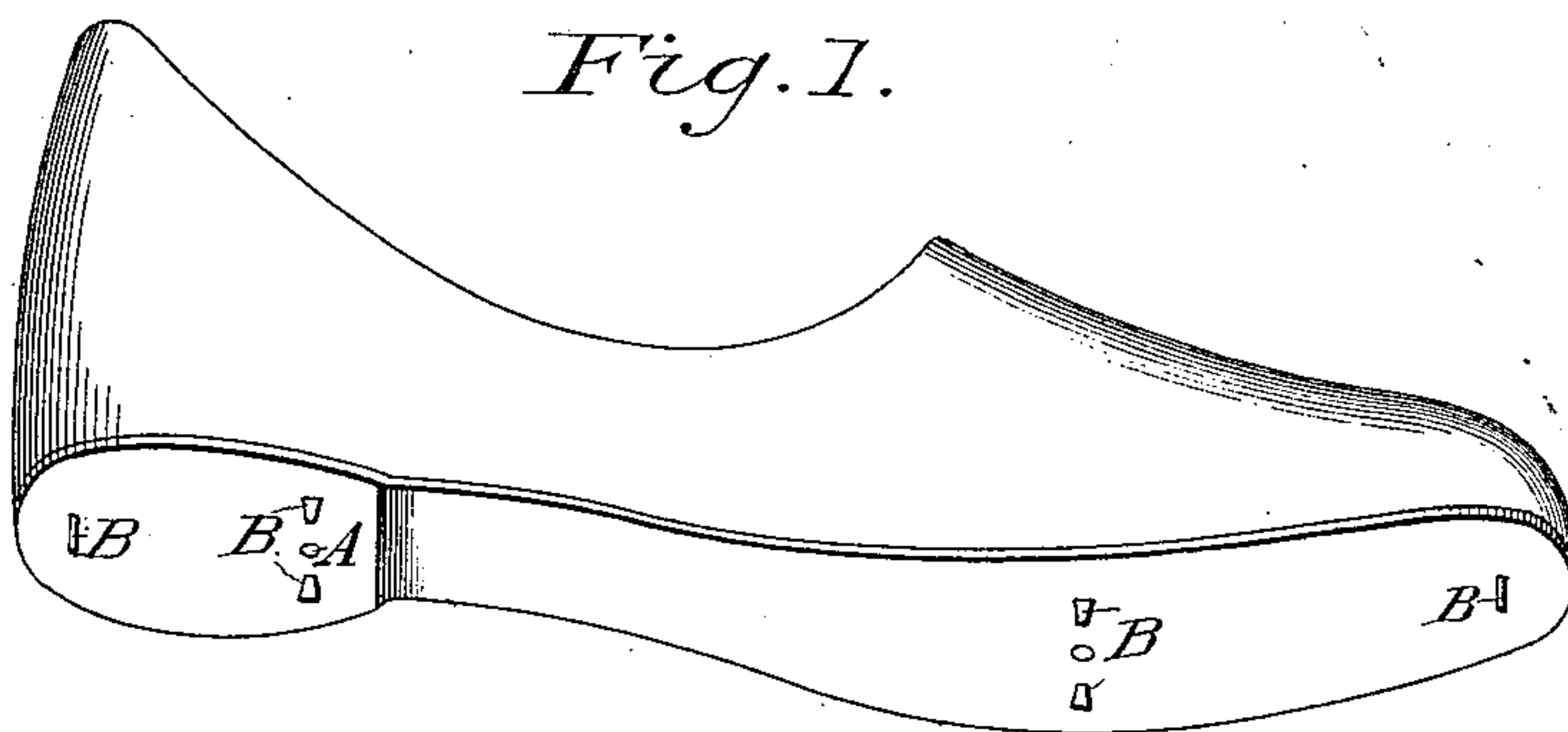
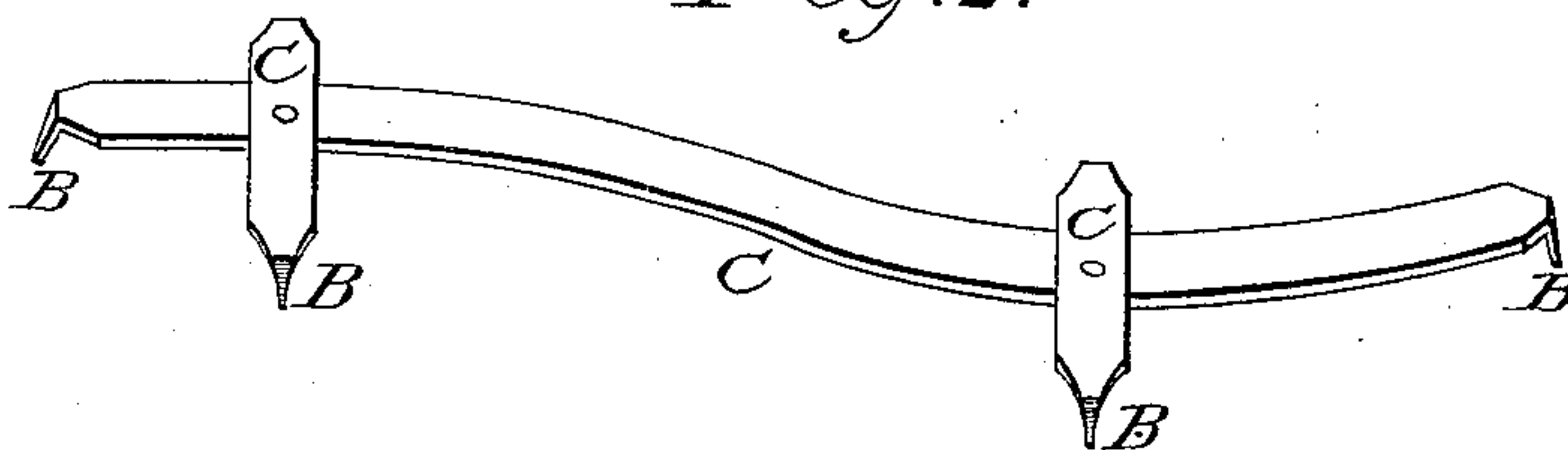


Fig. 2.



WITNESSES:

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OVERSHOE.

SPECIFICATION forming part of Letters Patent No. 300,774, dated June 24, 1884.

Application filed February 8, 1884. (No model.)

To all whom it may concern:

Be it known that I, DAVID HALL, a citizen of the United States, residing at Middletown, in the county of Middlesex and State of Connecticut, have invented a certain new and useful Improvement in Boots, Shoes, and Overshoes; and I do hereby declare that the following is a full, clear, and exact description, which will enable others skilled in the art to 10 which it appertains to make and use the same.

My invention relates to the manufacture of boots, shoes, and overshoes, by which the same are more serviceable and useful for walking on ice or on any smooth or slippery surface, and 15 for the preventing the user or wearer of the same from slipping.

Figure 1 shows a shoe with my improvement attached. Figs. 2 and 3 show a strip of steel or other metal running along the center of the 20 sole of the boot, shoe, or overshoe, with bars of the same metal crossing the sole on the ball and at the heel portions. The cross-pieces are riveted through the sole and through the long strip, as shown at B B in Fig. 2.

At points marked A A in the longitudinal strip and cross-strips are projecting portions cut on two sides from the steel or metal, and bent down that they may be driven through 25 the sole, so as to project below the bottom of the sole. The sole thus made forms the lower section of the boot, shoe, or overshoe sole, and the upper and lower parts or sections, when

united, form the bottom of the boot, shoe, or overshoe, and the steel or metal strips lie between the upper and under sole, with the points 35 projecting below. When attached to the boot, shoe, or overshoe, it has the appearance as represented in Fig. 1.

Having fully described my invention, what I desire to claim and secure by Letters Patent is— 40

1. In an improved boot, shoe, or overshoe, the lower or outer sole provided with a longitudinal metallic strip and cross-strips upon its inner side, the longitudinal strip and cross- 45 strips having points projecting through the sole, as set forth.

2. A boot, shoe, or overshoe provided with an inner and outer sole, having a longitudinal metallic strip and cross-strips secured between 50 the two soles, the longitudinal strip and cross-strips having teeth or points projecting through the outer sole, all substantially as set forth.

3. In a boot, shoe, or overshoe, the outer 55 sole provided with metallic strips having triangular points struck up from the metallic strips, and projecting through the sole, all substantially as set forth.

DAVID HALL.

Witnesses:

GEO. W. SMITH,
W. E. ASHLEY.