

(No Model.)

S. LINDSEY, Jr.
RUBBER BOOT OR SHOE.

No. 257,169.

Patented May 2, 1882.

Fig. 1.

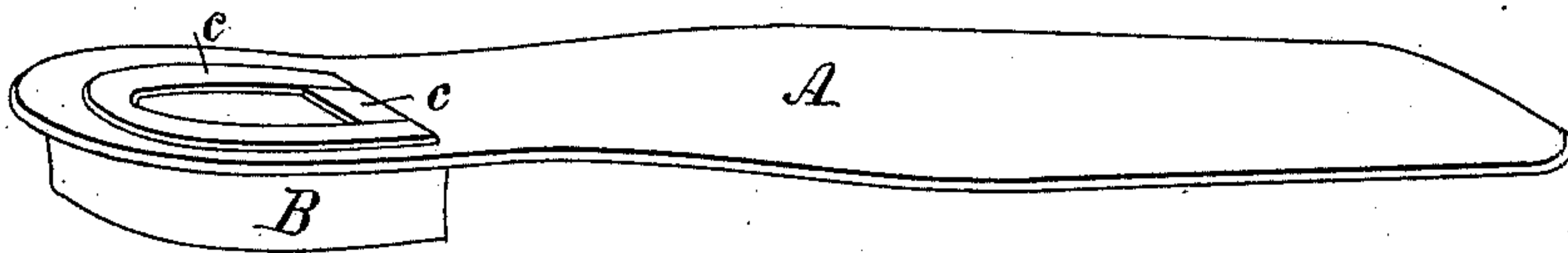


Fig. 2.

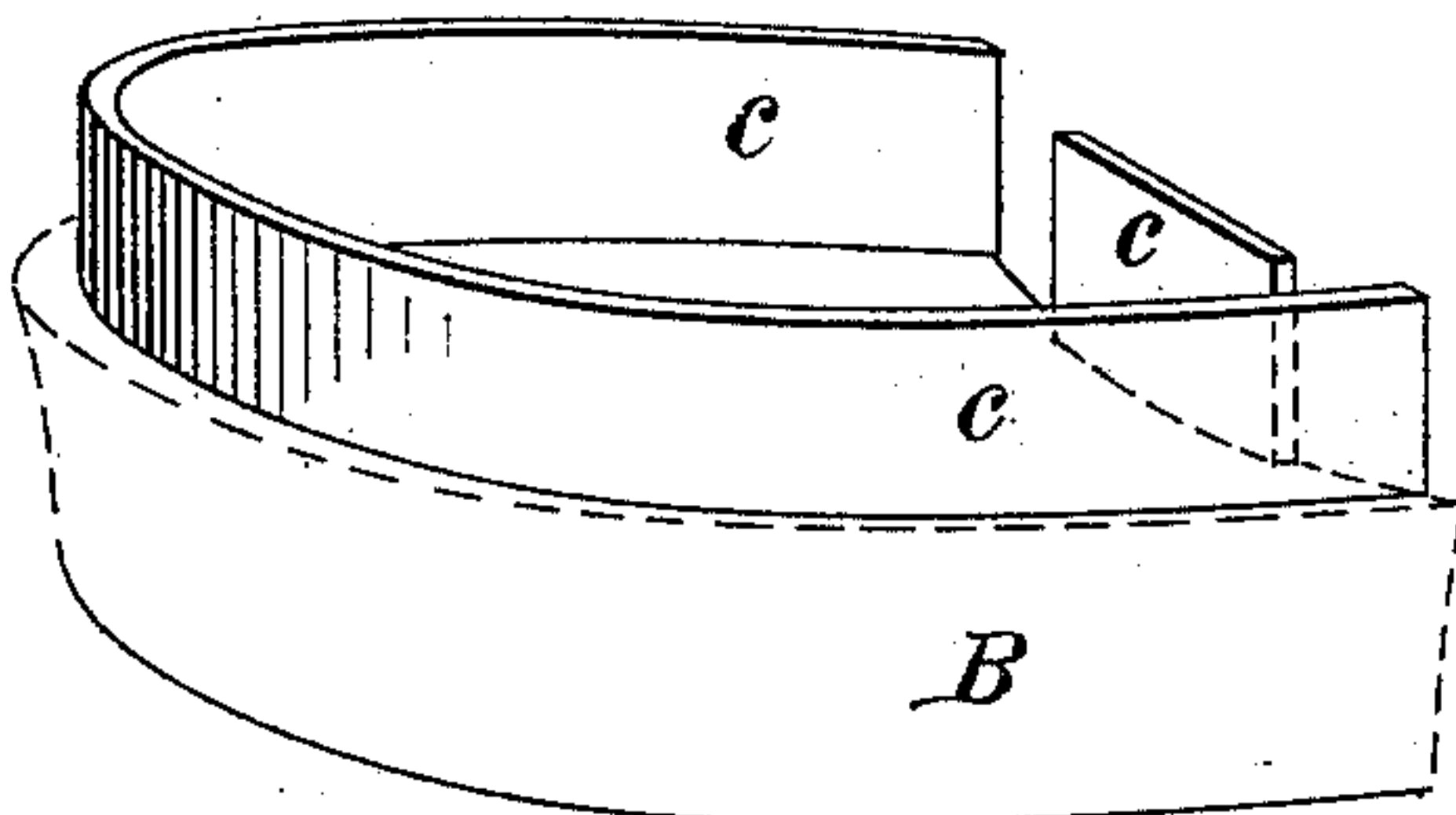


Fig. 3.

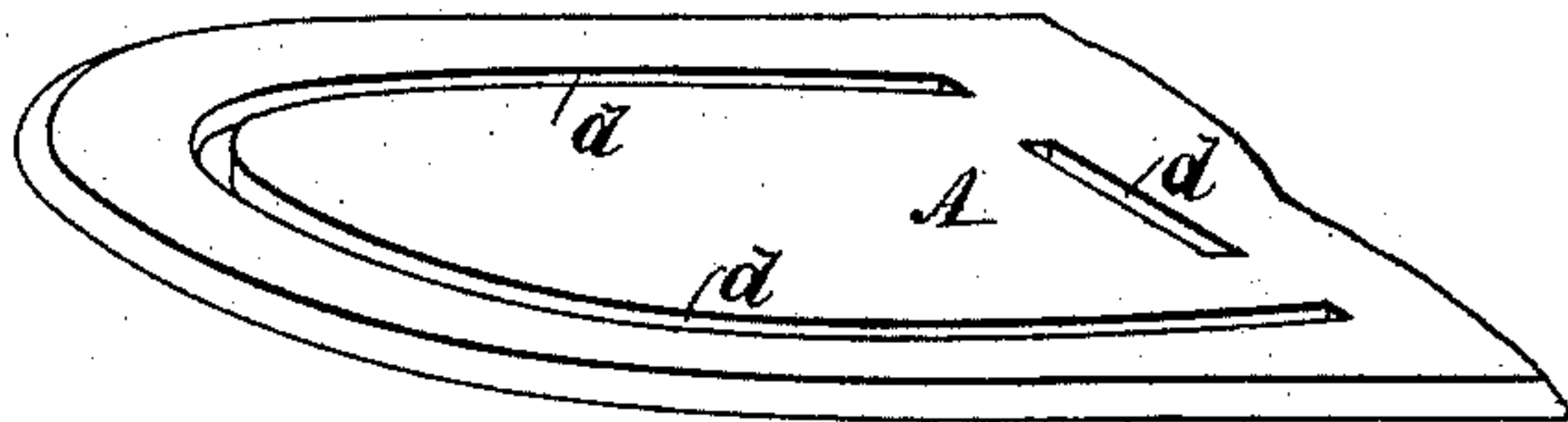


Fig. 4.

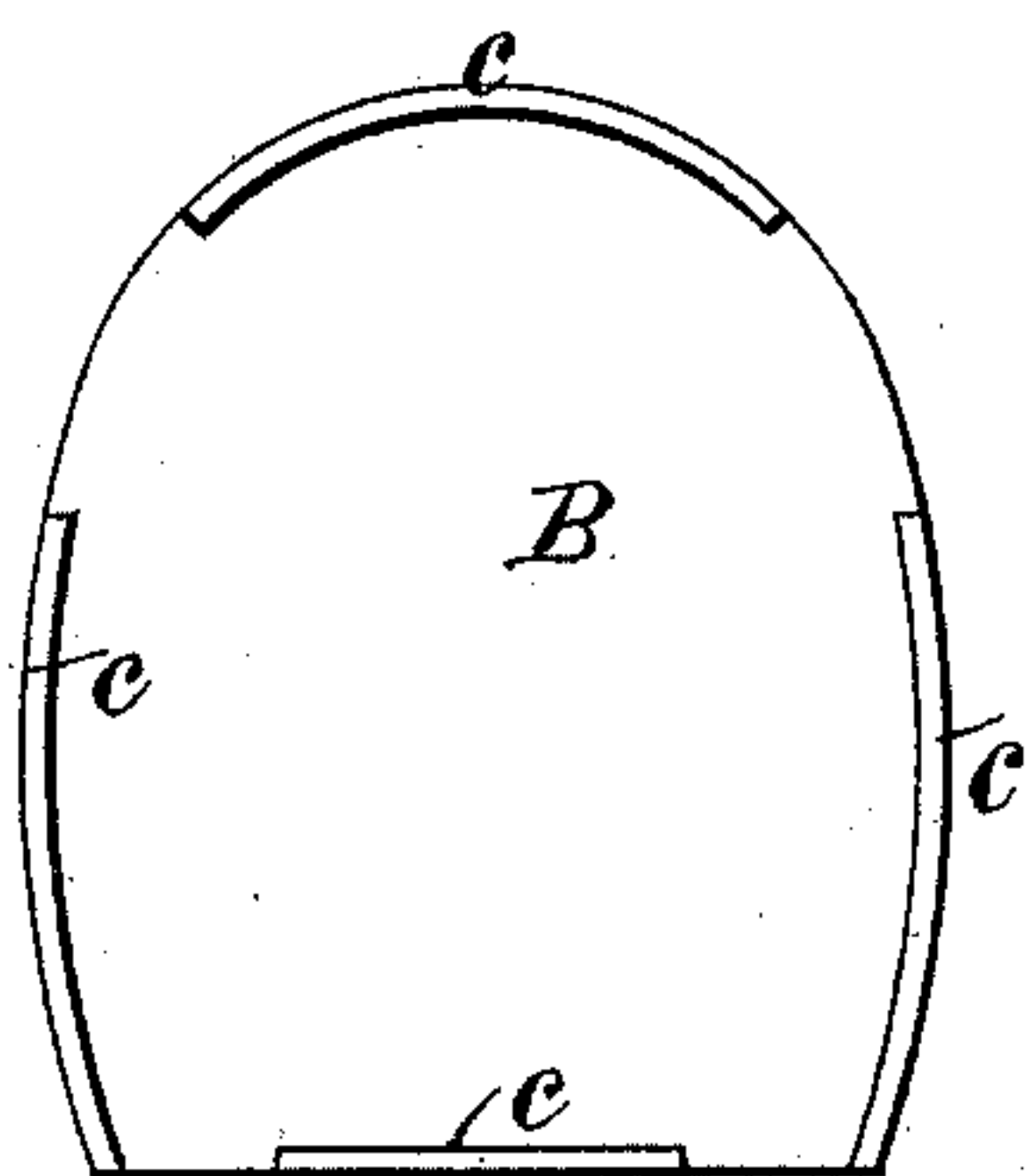


Fig. 5.

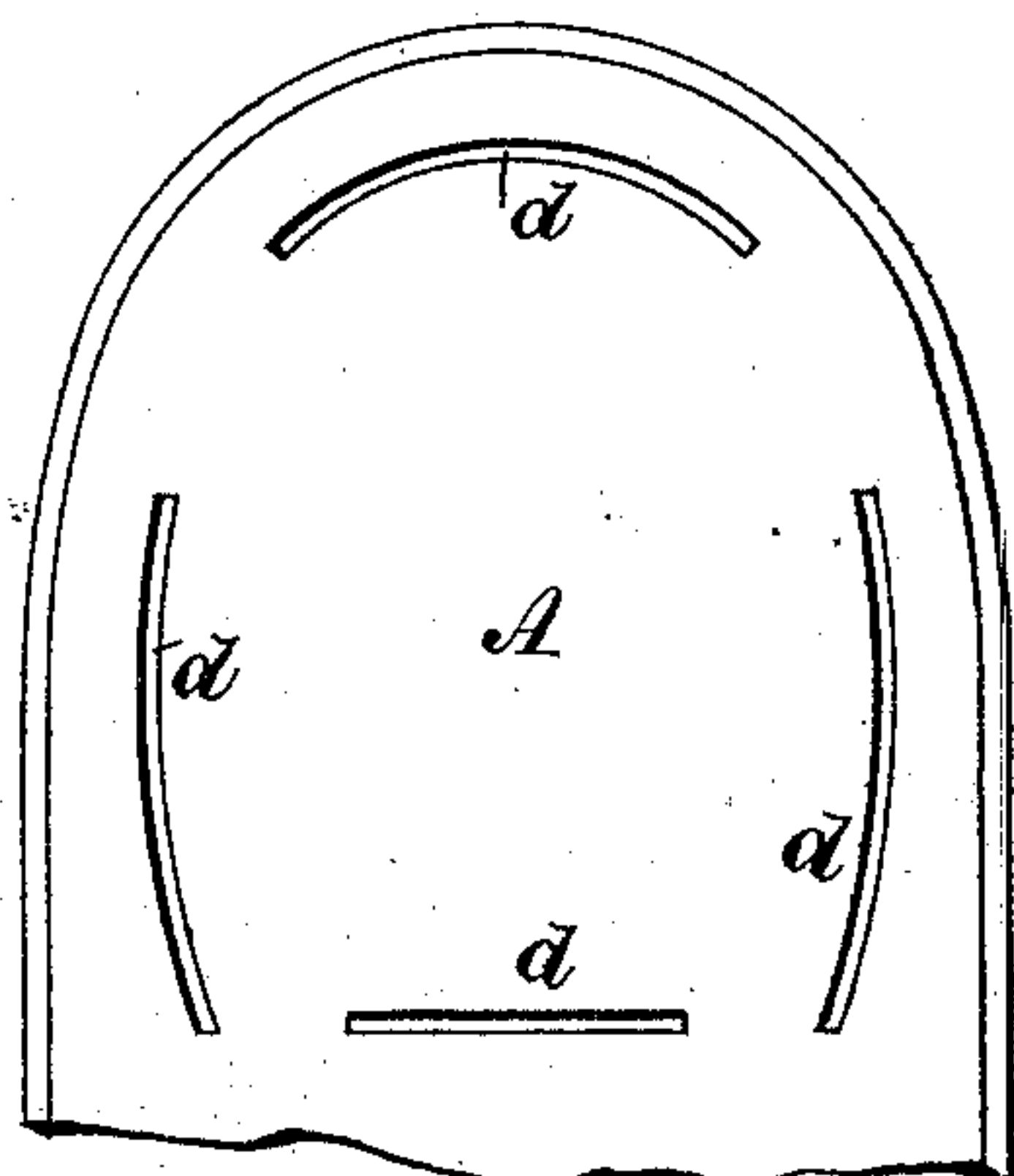
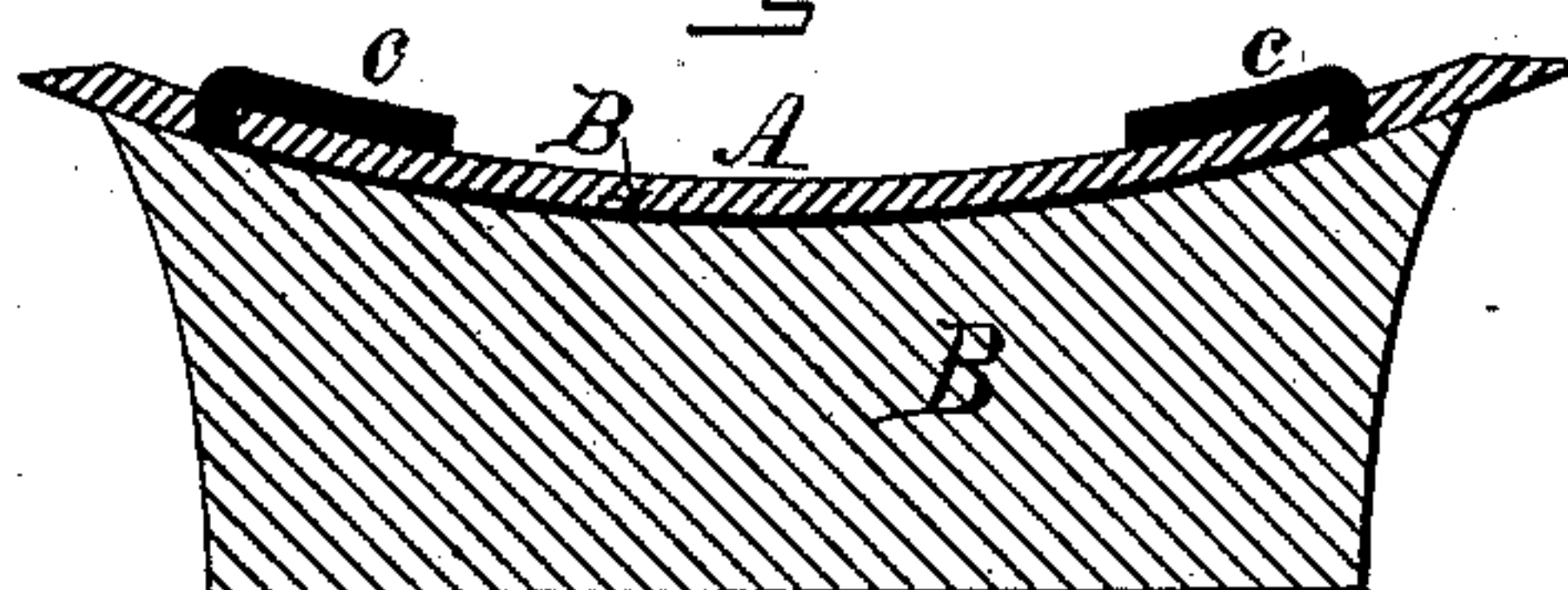


Fig. 6.



WITNESSES

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RUBBER BOOT OR SHOE.

SPECIFICATION forming part of Letters Patent No. 257,169, dated May 2, 1882.

Application filed March 13, 1882. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL LINDSEY, Jr., of Bristol, in the county of Bristol and State of Rhode Island, have invented a new and useful Improvement in Rubber Boots and Shoes; and I hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of this specification.

10 This invention has reference to an improvement in securing the heels to rubber boots or shoes; and it consists in the peculiar and novel construction of the heel and sole by which the two are firmly secured together, as will be more fully set forth hereinafter.

15 Figure 1 is a perspective view of the sole of a rubber boot or shoe, showing the heel secured thereto. Fig. 2 is a perspective view of a rubber heel provided with projecting strips used to secure the heel to the sole. Fig. 3 is a view of the heel portion of a rubber sole provided with cuts through which the strips on the heel pass. Fig. 4 is a plan view of a heel on which projecting strips are secured at the edge of the heel for securing the heel to the sole. Fig. 5 is a plan view of a sole in which cuts are made to receive the strips. Fig. 6 is a sectional view of a rubber heel secured to the sole by strips.

25 The object of this invention is to secure the rubber heels of rubber boots more firmly to the soles than is done by cementing the heel in the usual manner.

35 In the drawings, A is the rubber sole of a rubber boot. B is the heel. *cc* are narrow strips of rubber. They may be formed on the

heel or on a sheet secured to the heel. They are formed so as to enter the cuts *dd* in the sole, and passing through the sole are bent over the same and secured by cementation, as is shown in Fig. 6. As these strips are bent over the inside of the sole, and as the sole is secured to the heel by cementation, the heel and the sole will be more firmly united than when the union depends on the cementation of the sole only. The sole and heel, secured together as described, are now cemented to the inner lining-sheet and to the upper in the usual manner, and the completed boot or shoe is subjected to the process of vulcanization, making a boot or shoe on which the heel is permanently and firmly secured, so that it cannot be loosened in the ordinary wear.

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

1. The improved process for securing rubber heels to rubber boots and shoes, the same consisting in providing the heel with narrow strips, passing said strips through slits or cuts in the sole, and lapping the same over the inner side of the sole and securing the parts together by cementation, as described.

2. The combination, with the sole A, provided with the slits *dd*, of the heel B, provided with the strips *cc*, the whole adapted to be secured together by cementation, as and for the purpose described.

SAMUEL LINDSEY, JR.

Witnesses:

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