

R. S. VAN ZANDT.

ATTACHMENT FOR HEELS OF BOOTS AND SHOES.

No. 171,199.

Patented Dec. 14, 1875.

Fig. 1.

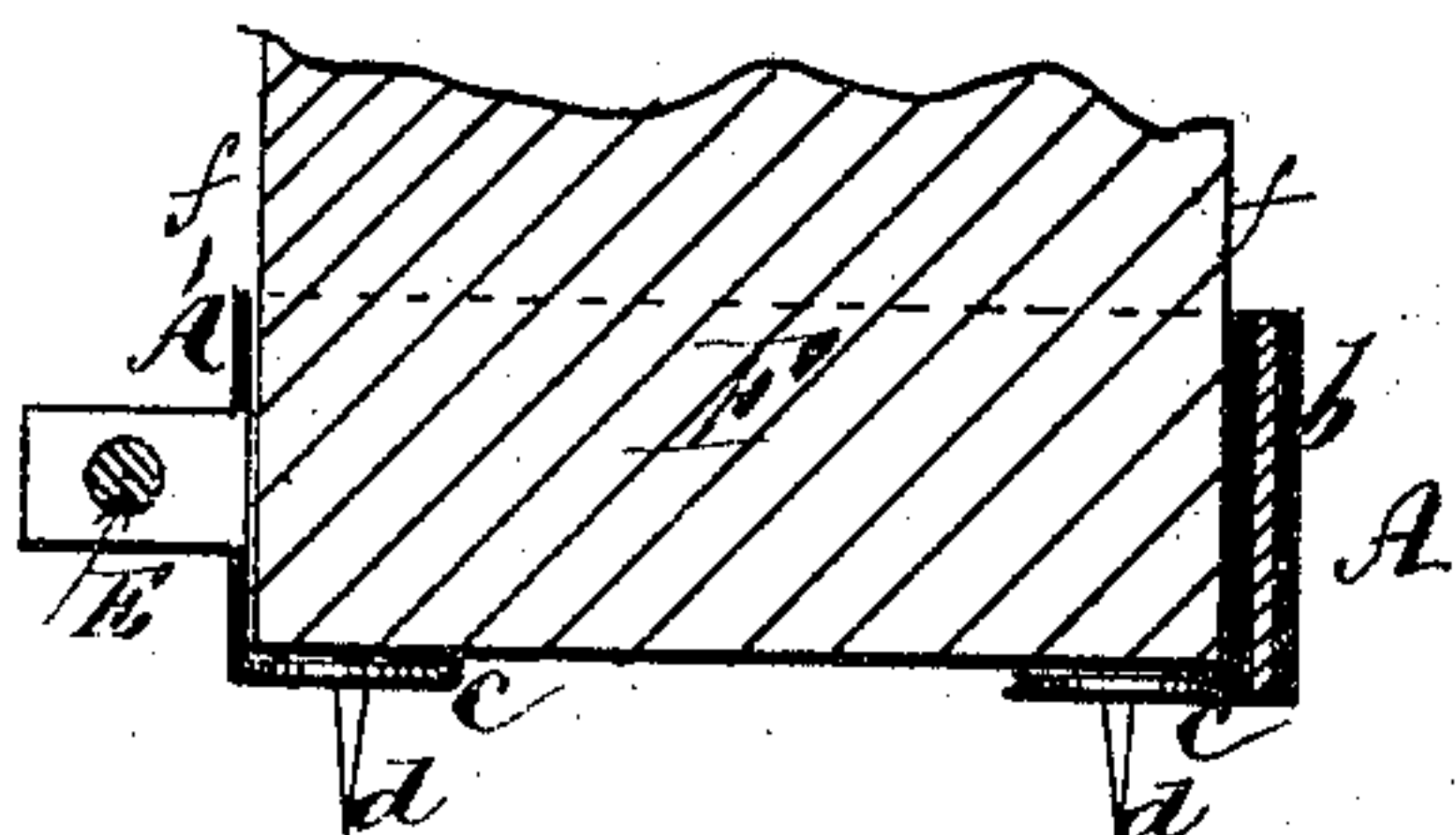
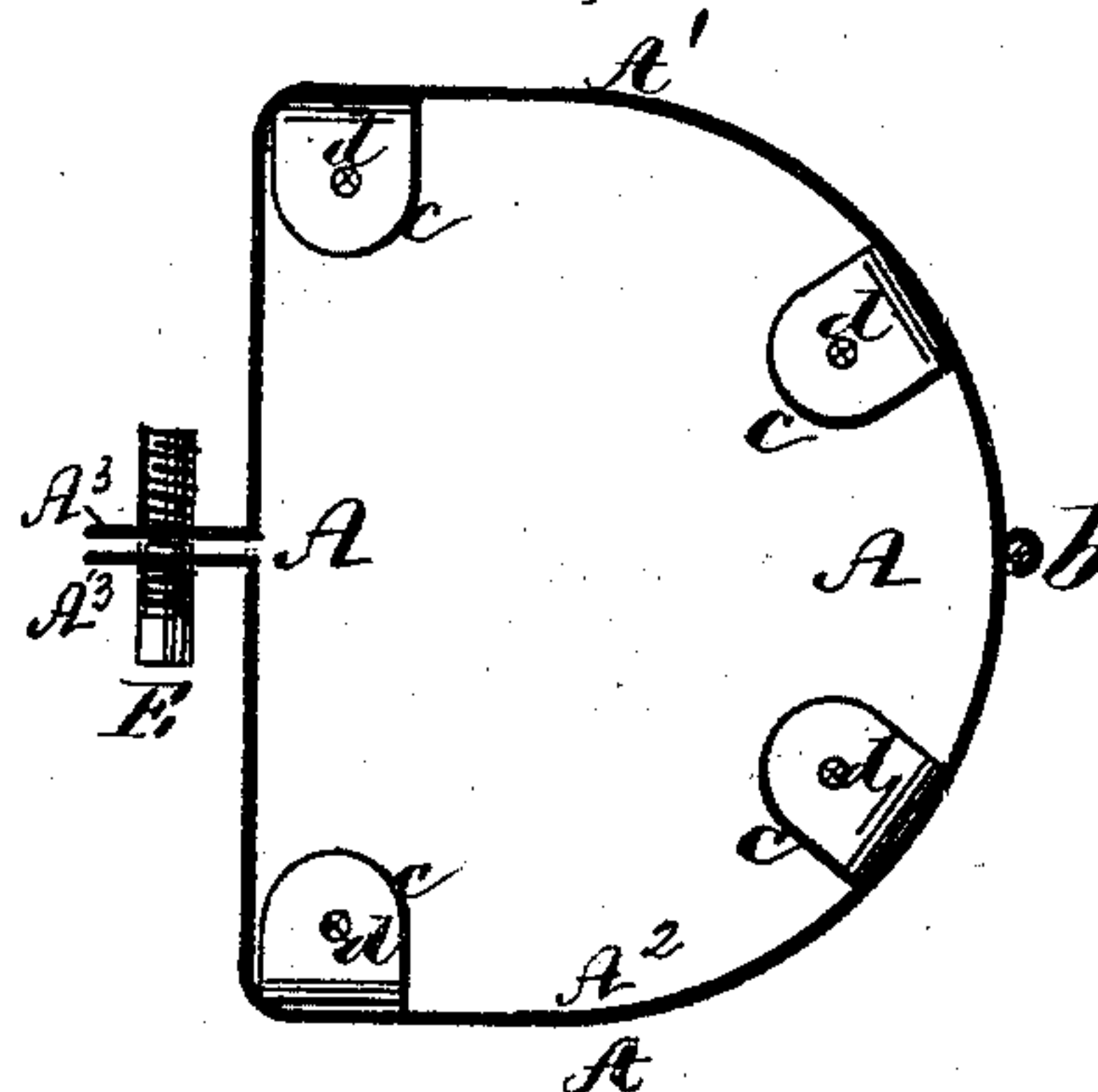


Fig. II.



Witnesses:

Franklin Barritt
Richard Gerner.

Inventor:

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ROBERT S. VAN ZANDT, OF WILLIAMSBURG, NEW YORK.

IMPROVEMENT IN ATTACHMENTS FOR HEELS OF BOOTS AND SHOES.

Specification forming part of Letters Patent No. **171,199**, dated December 14, 1875; application filed March 13, 1875.

To all whom it may concern:

Be it known that I, ROBERT S. VAN ZANDT, of Williamsburg, Kings county, in the State of New York, have invented certain Improvements in Attachments for Heels of Boots and Shoes, of which the following is a specification:

My invention relates to improvements in attachments for heels of boots and shoes, commonly known as "ice-creeper," by means of which a firm foothold may be obtained on slippery substances.

According to my invention, I employ a band of metal adapted to fit around and firmly embrace the wall or external surface of the heel. This band is divided into two parts, which are hinged together at one end, while at their opposite ends they are connected together by means of a screw passing through lugs or projections from their ends. The lower edge of this band is connected with a series of flanges, adapted to pass beneath and rest against the under side of the heel, and these flanges support pins or projections, to prevent slipping of the foot of the wearer; but that my invention may be fully understood I will describe the same in detail by reference to the accompanying drawings, which form part of this specification.

Figure 1 represents a vertical section, and Fig. 2 a plan, of my improved heel attachment.

In each of the views similar letters of reference are employed to indicate corresponding parts wherever they occur.

A represents a band of metal, adapted to fit around and firmly embrace the wall or external surface *f* of a heel, F. This band A is divided into two parts, A¹ A², which are connected together at one end by a hinge, *b*, while at their opposite ends they are connected by means of a screw, E, passing through lugs or projections A³. The lower edge of this band A is constructed with a series of flanges, *c c*, adapted to pass beneath and rest against the under side of the heel F, and these flanges support the pins or projections *d d*.

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

A heel attachment or ice-creeper having a band, A, divided into two parts, A¹ A², connected together by a hinge, *b*, lugs A³, and screw E, and having a series of projections, *c*, extending under and partially across its base, and provided with pins *d* beneath the under side of the heel F, as shown and described.

ROBERT S. VAN ZANDT.

Witnesses:

FRANKLIN BARRITT,
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