

J. A. COLE.
Heel-Plate.

No. 226,720.

Patented April 20, 1880.

Fig. 1.

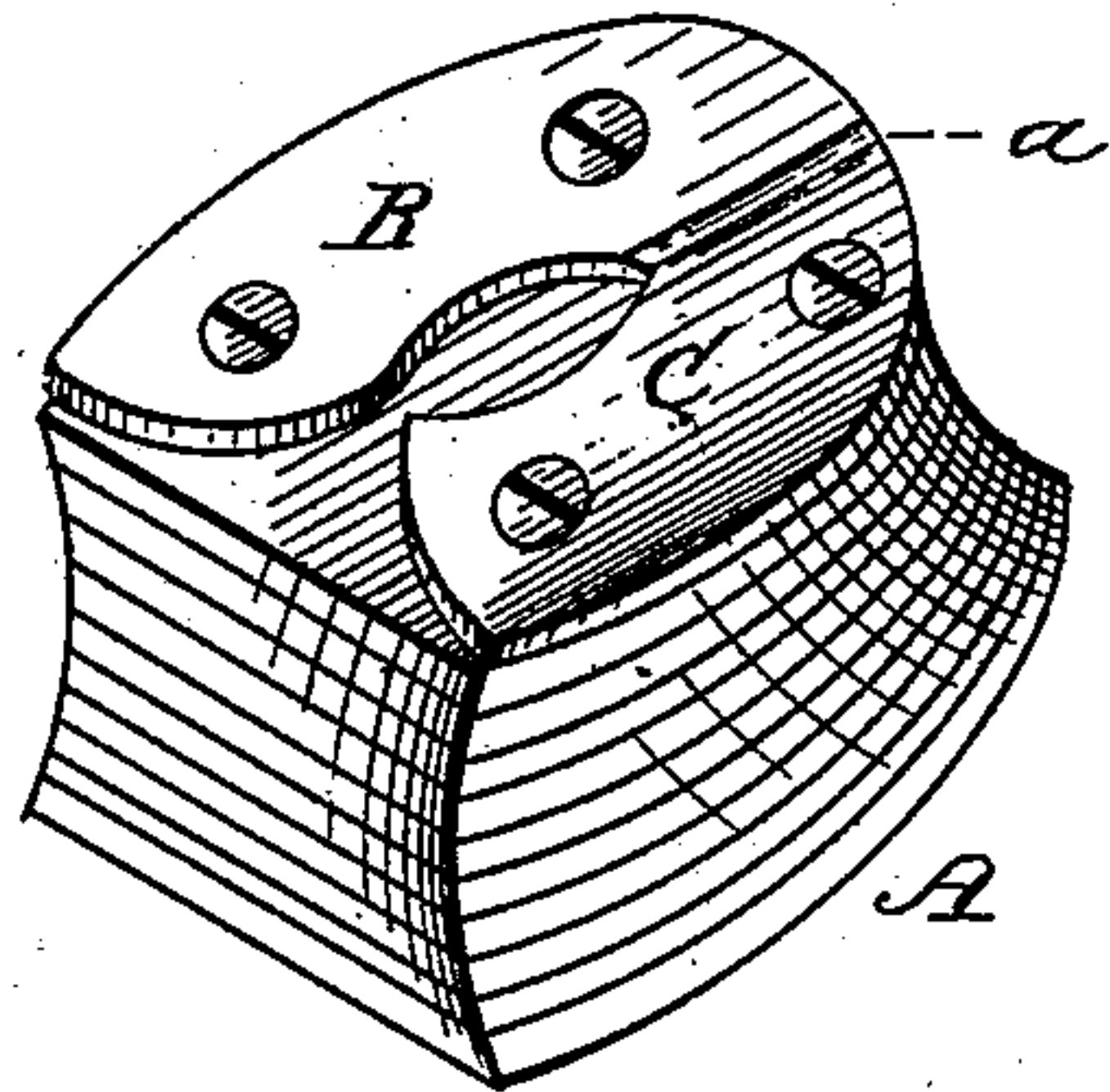


Fig. 2.

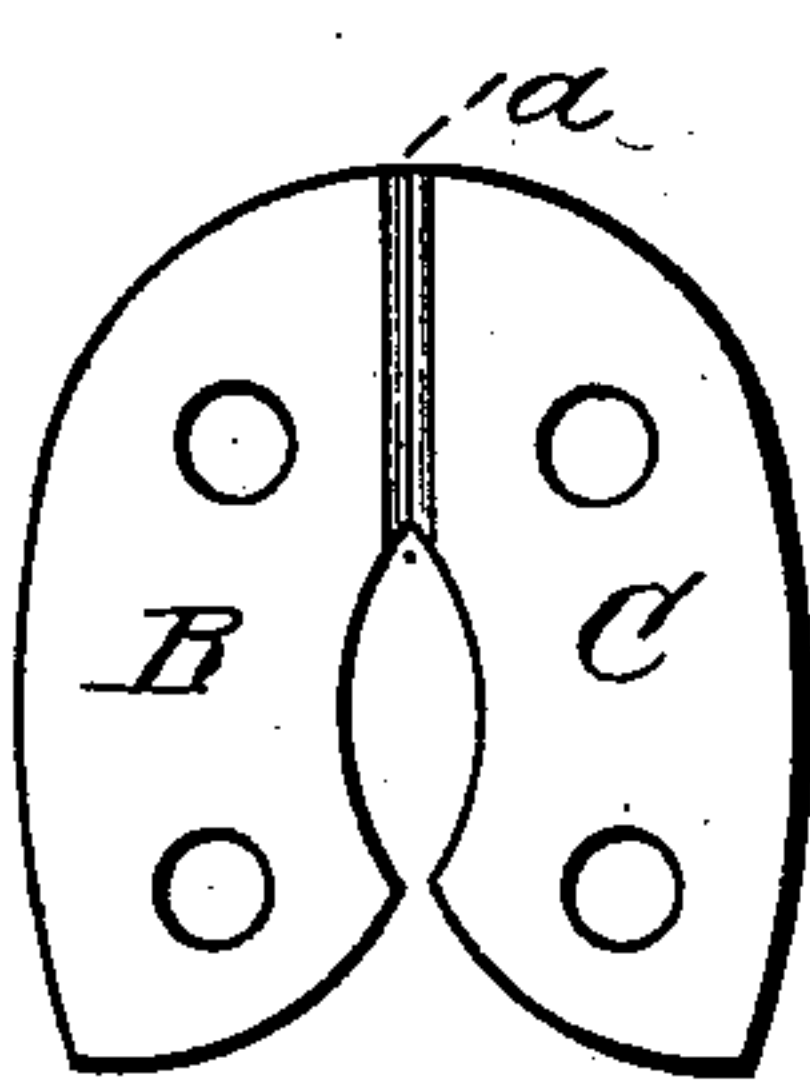


Fig. 3.

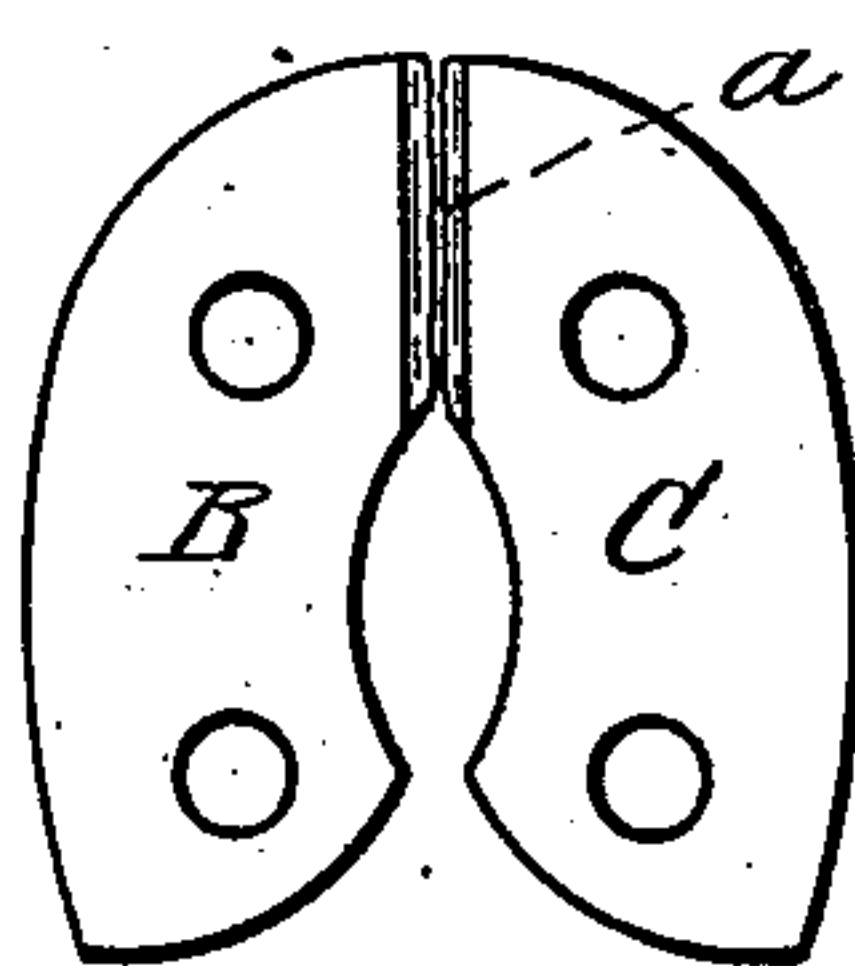
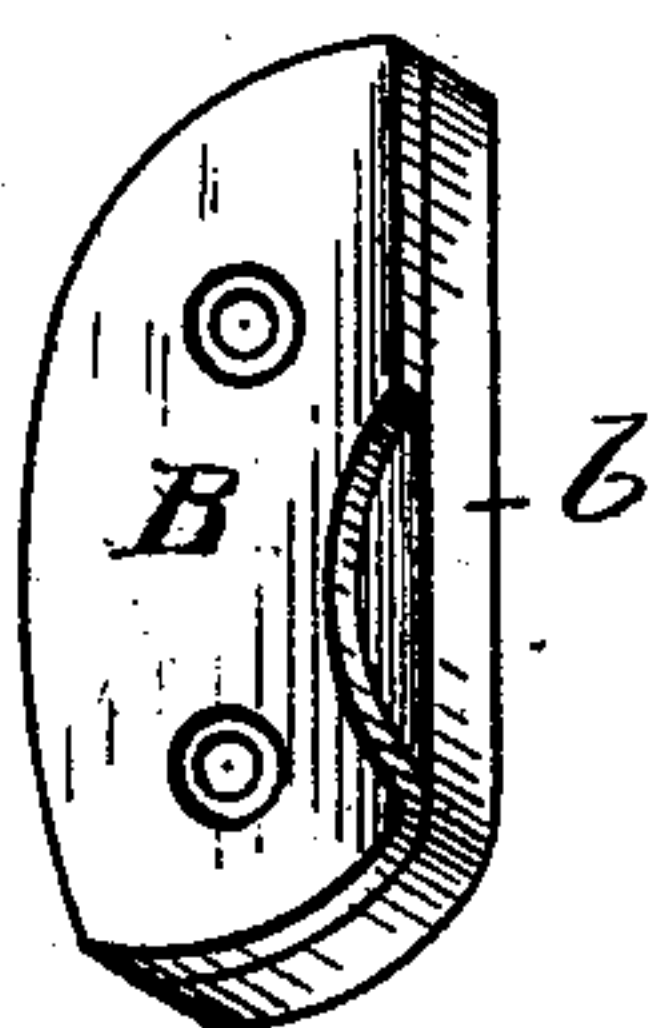


Fig. 4.



WITNESSES

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UNITED STATES PATENT OFFICE.

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HEEL-PLATE.

SPECIFICATION forming part of Letters Patent No. 226,720, dated April 20, 1880.

Application filed February 18, 1880.

To all whom it may concern:

Be it known that I, JAMES A. COLE, a citizen of the United States, residing at Northville, in the county of Fulton and State of New York, have invented certain new and useful Improvements in Heel-Plates for Boots and Shoes; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings represents a perspective view of a heel with the plate connected thereto. Fig. 2 is a top-plan view of the plate disconnected from the heel. Fig. 3 is a similar view of the plate, showing the two sections thereof broken apart and separated from each other; and Fig. 4, a perspective view of one of the sections with a piece of leather connected to the under side.

This invention has relation to metal heel-plates for boots and shoes, and the object thereof is to provide a plate that can be used to cover the entire surface of the bottom of the heel or be used in two separate sections—one for each heel—to cover that portion near the outer edge or side of the heel that generally wears down.

The invention consists in a metal heel-plate of the required size and shape to cover the under surface of the heel, said plate having a groove or incision extending partially through the same, whereby the plate can be conveniently severed or broken into two half-sections to adapt it for use upon both heels, as circumstances may require.

In the accompanying drawings, A represents a heel of a boot, shoe, or gaiter, with the heel-plate connected thereto by screws or other suitable means. This plate, as represented, covers the entire surface of the bottom of the heel around its outer edge, but has a groove or incision, *a*, extending partially or nearly through the plate and lengthwise of the same, which divides it into two equal parts.

On new shoes, or where the heels are unworn or perfectly level, it is desirable, in some cases, to use the entire plate, consisting of the two sections B C. If the plate, however, is not sufficiently large to properly cover the

outer edge of the heel, the groove or incision *a* will admit of the sections being readily broken apart and separated by a pair of pliers or pinchers, and the two sections, at their front ends, spread apart sufficiently to cover the edges of the heel. Although this is considered an advantage where the under surface of the heel is slightly larger than the plate, by rendering the latter capable of being divided into two separate and independent sections to adapt the plates to heels of different widths, it is not, however, the most important feature in my invention.

When heels are worn down the sections can be used separately, and in many cases a half-plate is preferable to a whole one. It will therefore be seen that by constructing the heel-plate in such a manner as to admit of its being used as a whole or half plates, a shoe-maker can have a complete assortment of the above to fit any heel with very few sizes, as one size of plates will answer for several sizes of heels, or where they are of various widths.

The heel-plate may have secured to its upper surface, by cement or other suitable means, a covering, *b*, of leather or other similar material, so that when either section is used separately the covering *b* may be shaved or cut down as required in leveling up worn heels. These plates, with the covering attached, can be sold in the market and used by families to fasten to worn or run-over heels without the aid of a shoemaker, as it requires very little skill to attach them.

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

A metal heel-plate for boots or shoes, having a central longitudinal groove or incision extending partially or nearly through the same, whereby said plate is adapted to be used whole or divided into equal sections or halves and used separately, substantially as and for the purpose set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

JAMES A. COLE.

Witnesses:

RAY HUBBELL,
W. D. SMITH.