

I. QUINBY.
Snow-Plate for Horseshoes.

No. 209,983.

Patented Nov. 19, 1878.

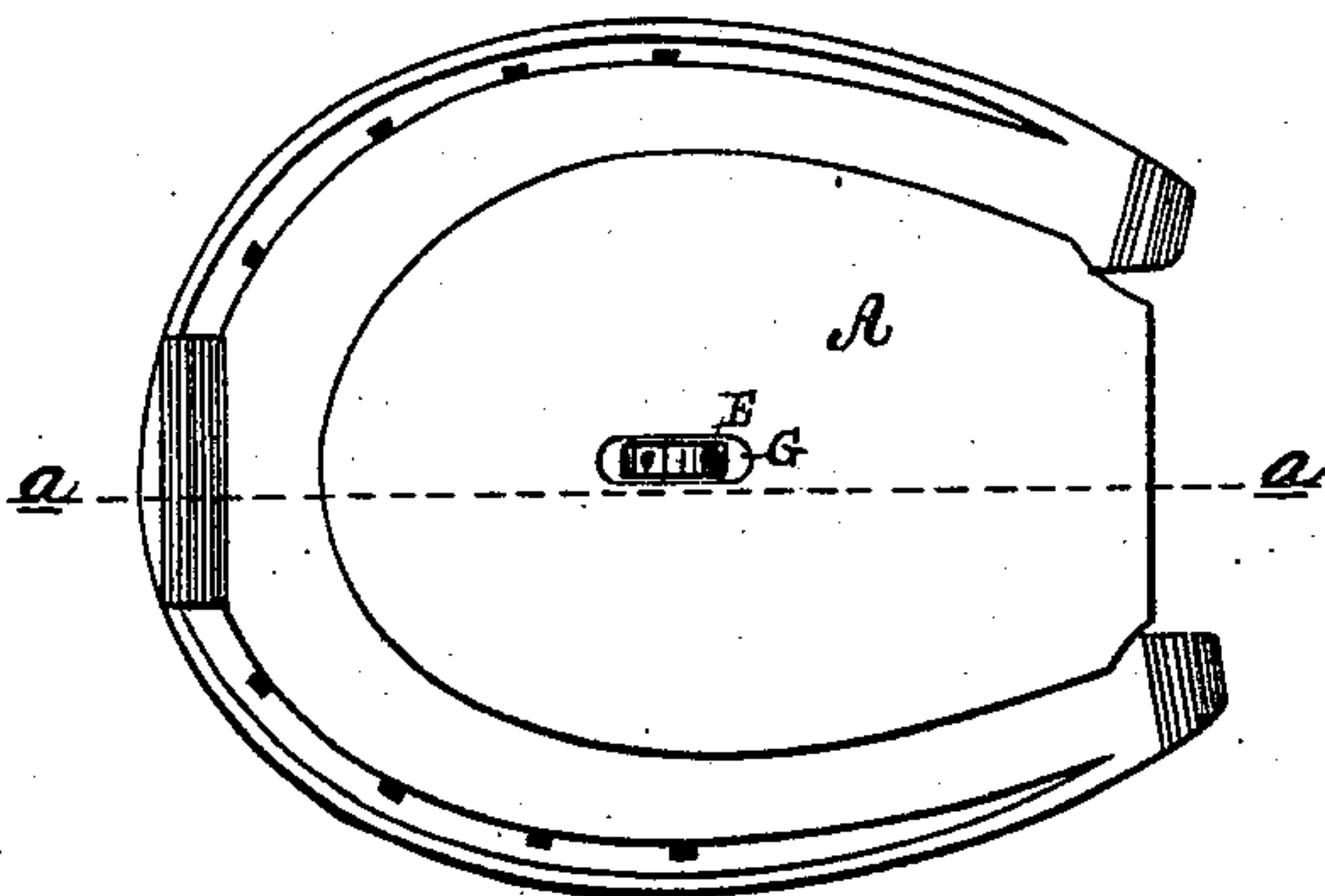


Fig. 1.



Fig. 2.

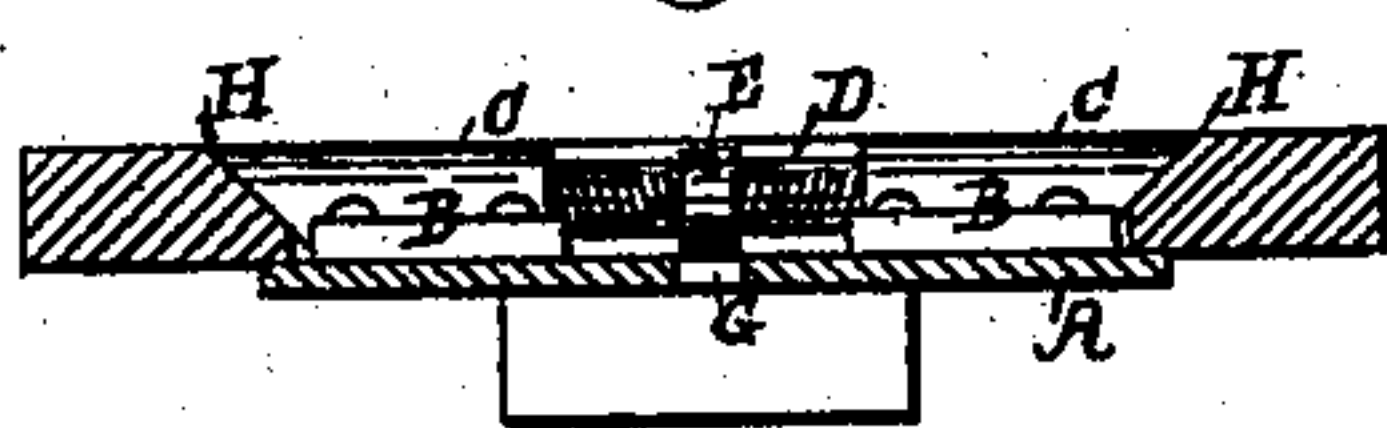


Fig. 3.

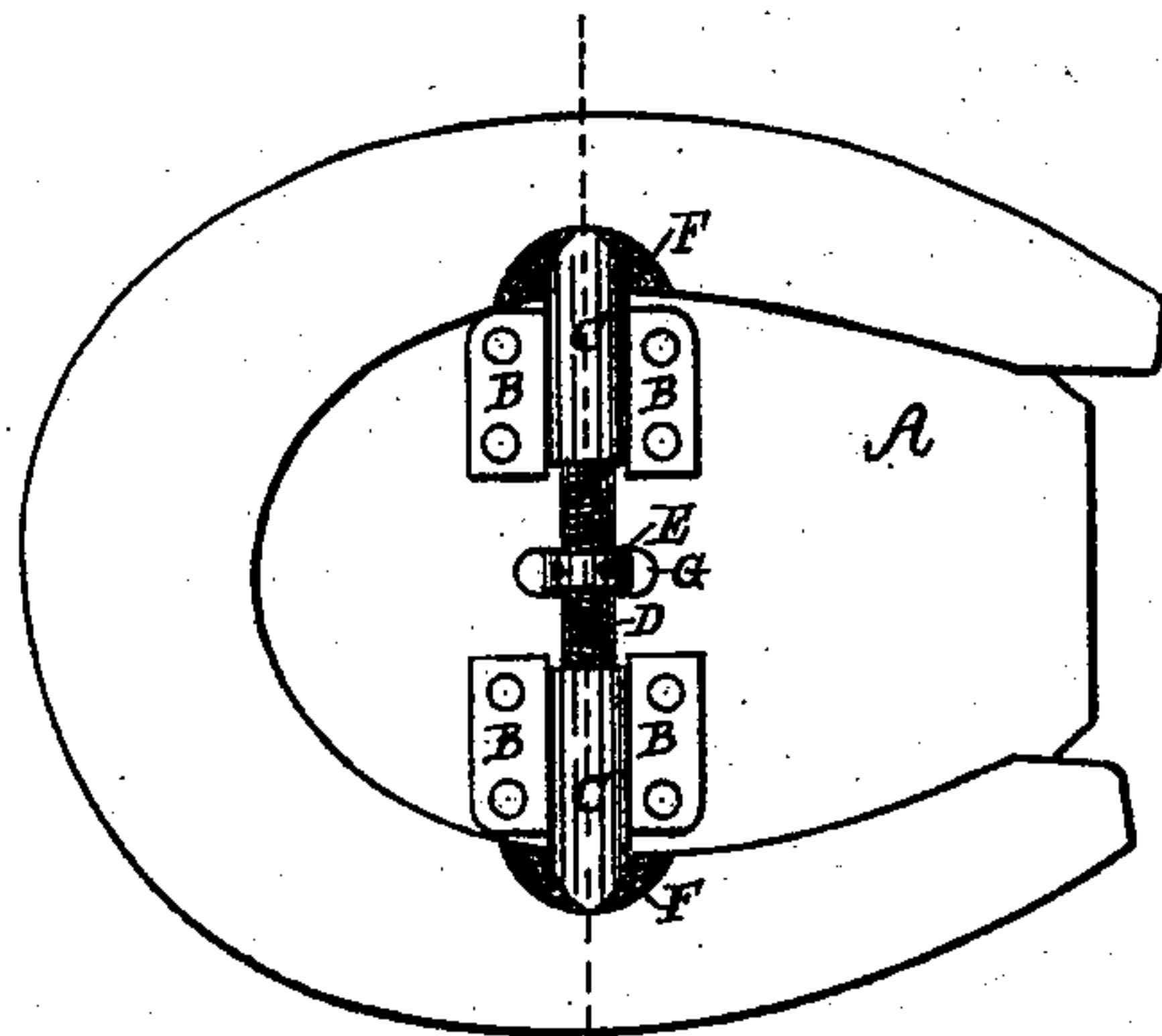


Fig. 4.

Witnesses
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IMPROVEMENT IN SNOW-PLATES FOR HORSESHOES.

Specification forming part of Letters Patent No. **209,983**, dated November 19, 1878; application filed May 29, 1878.

To all whom it may concern:

Be it known that I, IVORY QUINBY, of the city of Salem, in the county of Essex and State of Massachusetts, have invented an Improved Steel Snow - Plate for Horseshoes; and I do hereby declare that the following, taken in connection with the drawings which accompany and form a part of this specification, is a description of my invention sufficient to enable those skilled in the art to practice it.

The object of my invention is to prevent snow from collecting or balling upon the under side of the feet of horses by providing a plate which can be readily attached to or detached from the shoes while upon the horse's feet.

In the accompanying drawings, Figure 1 shows the under side of a horse's shoe with my plate attached. Fig. 2 is a sectional view on line *a a* of Fig. 1. Fig. 3 is a view showing the shoe and plate in section and the remaining parts in elevation; and Fig. 4 is a top view of a shoe, showing the manner in which the plate is held in position.

A represents the plate, to which are firmly riveted the guides or bearings B B, which serve to hold in position the lugs C C. Connecting and operating these lugs is a right-and-left screw, D, with its middle enlarged and pierced with holes E, for the admission of one end of a lever.

The application of my invention is as follows: When the shoe is formed indentations F F are made in the upper inner edge thereof, and the shoe attached to the horse's foot, in the ordinary manner. The plate A is placed in position against the shoe, and a rod or lever inserted, through an opening, G, in the plate A, into the holes E in the right-and-left screw D. The moving of this lever in one direction forces the lugs C C outward and into the indentations F F in the shoe. These indentations and the outer ends of the lugs are so beveled that as the lugs are forced outward they impinge against the beveled surfaces H H of the shoe, thereby clamping and holding the plate firmly against the under face of the shoe. The reverse movement of the lever will draw back the lugs and free the plate from the shoe.

I claim—

In combination with a horse's shoe, the plate A, when held in position by the lugs C C and right-and-left screw D, substantially as shown and described.

IVORY QUINBY.

Witnesses:

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