

(No Model.)

G. B. HOWIE.

HORSESHOE.

No. 287,833.

Patented Nov. 6, 1883.

FIG. 1.

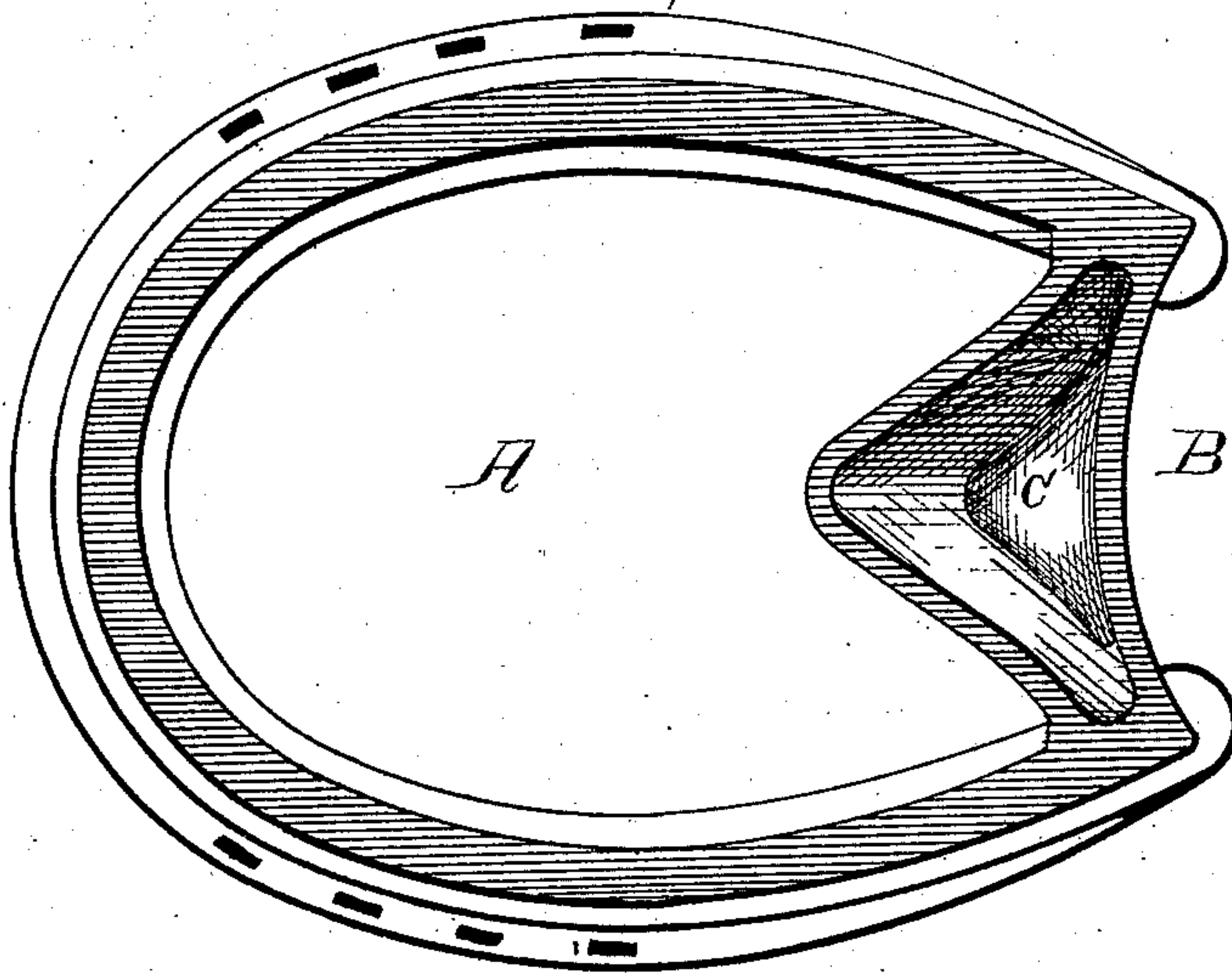


FIG. 2.

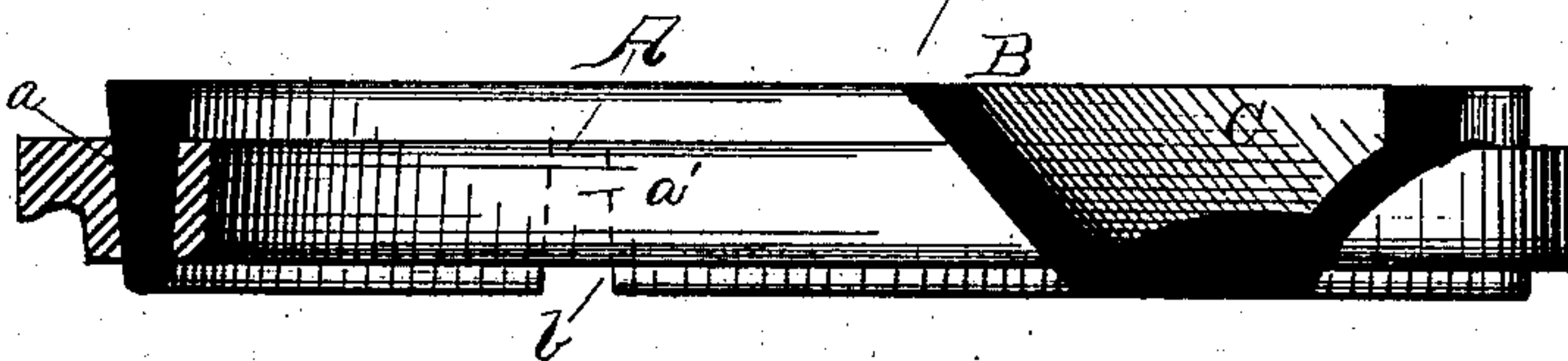
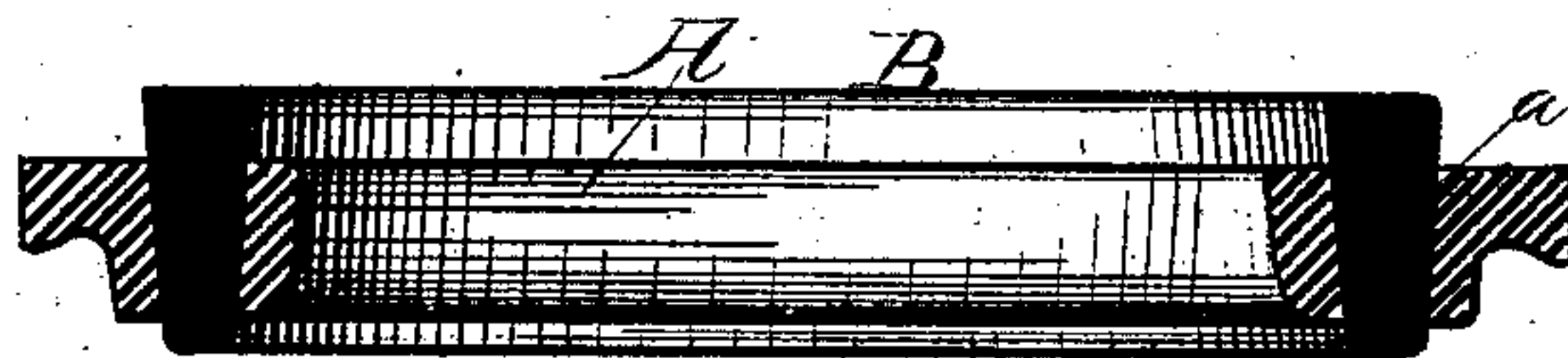


FIG. 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

GEORGE B. HOWIE, OF CHICAGO, ILLINOIS.

HORSESHOE.

SPECIFICATION forming part of Letters Patent No. 287,833, dated November 6, 1883.

Application filed June 14, 1883. (No model.)

To all whom it may concern:

Be it known that I, GEORGE B. HOWIE, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Horseshoes, of which the following is a specification, to wit:

This invention relates to an improvement in horseshoes; and it consists in forming the shoe with a central slot running entirely around it, in which is placed a rubber filling-piece, provided with a frog-protector, substantially as hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction, referring to the accompanying drawings, in which—

Figure 1 is a plan view. Fig. 2 is a central longitudinal section; and Fig. 3, a cross-section of my invention.

A represents a shoe of ordinary shape, formed with a central slot, *a*, extending from the heel upon one side to the same point upon the other. This slot is narrower at the bottom than at the upper side of the shoe, and is divided on each side by a narrow web, *a'*, (shown in dotted lines in Fig. 2,) which holds the portions of the shoe firmly together.

B represents a rubber filling-piece, which is

also wedge-shaped in cross-section and adapted to fit in the slot *a*, being cut at *b* to fit around the webs *a'*. This rubber filling projects through the shoe upon both the upper and under sides, and, being wedge-shaped, the point or smaller edge beneath is always pressed into and firmly held in the shoe by the weight of the animal, and keeps it from slipping while giving a soft and yielding surface for the hoof when walking. The filling-piece B is formed with an integral cup-shaped part, C, connecting the near ends, and adapted to receive and protect the frog from injury by contact with sharp stones or other hard substances.

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

The shoe A, having the slot *a*, wedge-shaped in cross-section, and the webs *a'*, connecting the two parts of the shoe, in combination with the rubber filling-piece B, notched at *b* to fit around the webs *a'*, and formed with the part C, adapted to receive and protect the frog, substantially as and for the purposes set forth.

In testimony whereof I affix my signature in presence of two witnesses.

GEORGE B. HOWIE.

Witnesses:

J. E. STEVENSON,
FRANK JOHNSON.