

No. 677,398.

Patented July 2, 1901.

A. BUER.
HORSESHOE PAD.

(Application filed Sept. 2, 1899.)

(No Model.)

Fig. 1

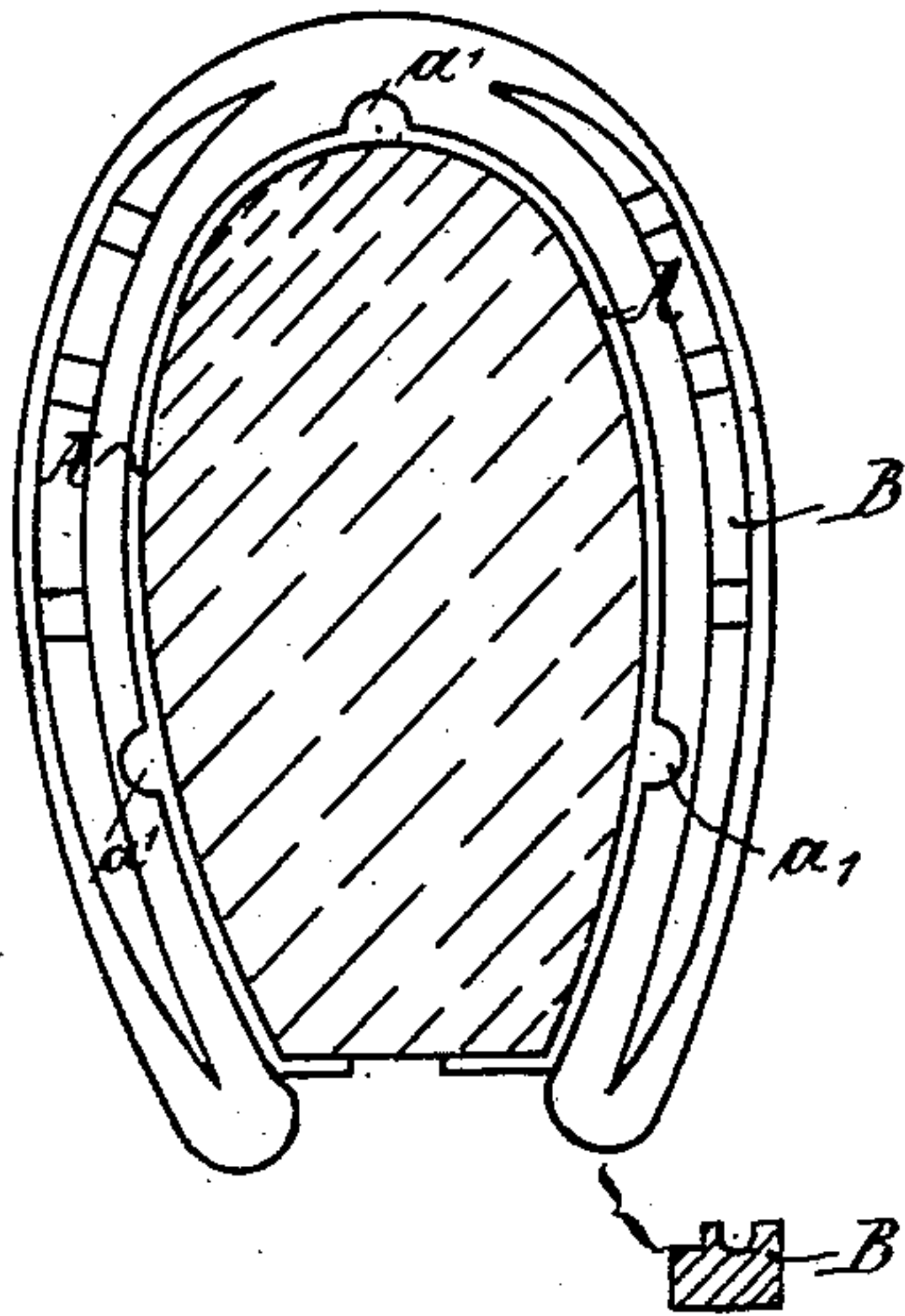


Fig. 2

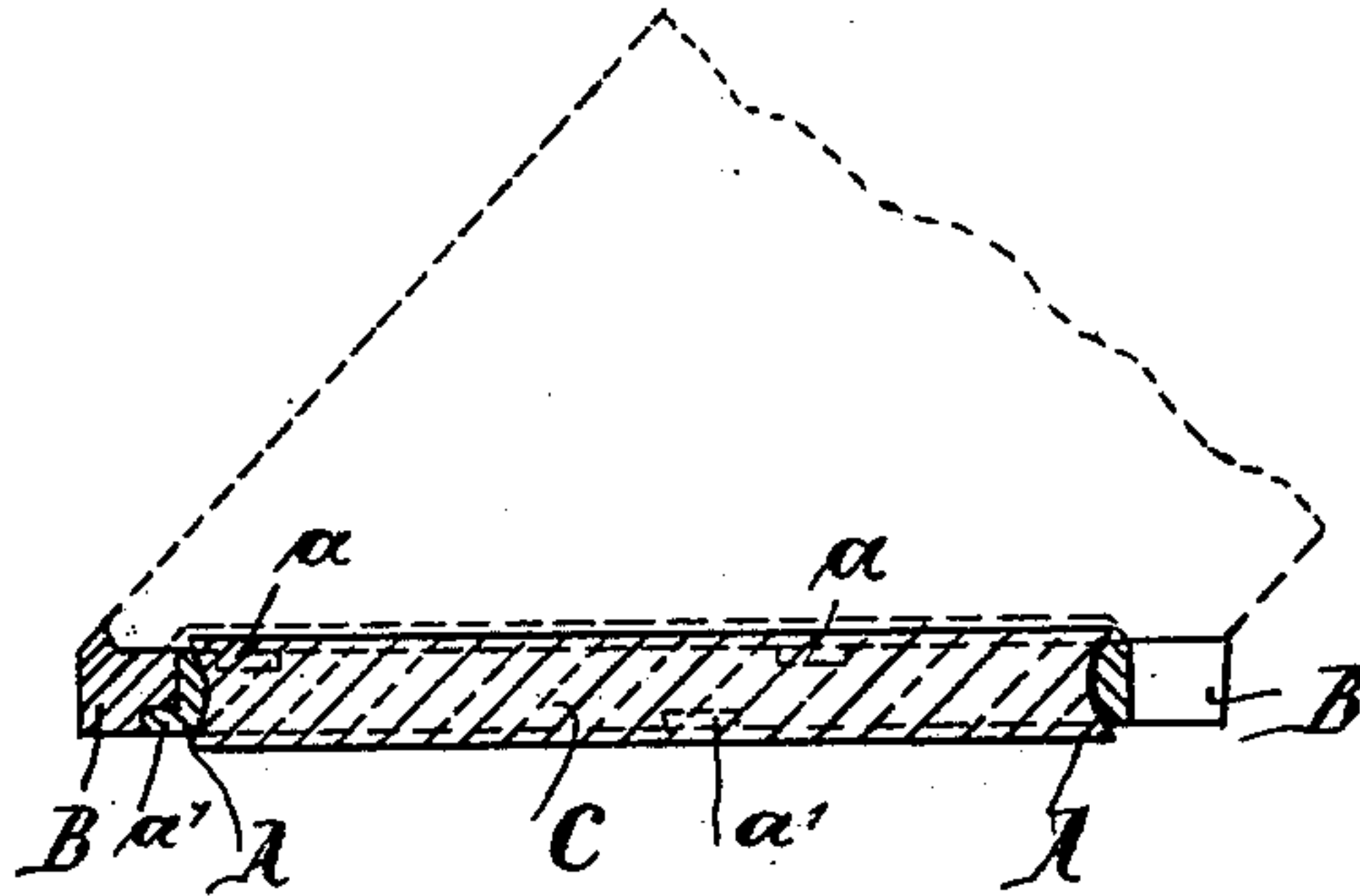


Fig. 4

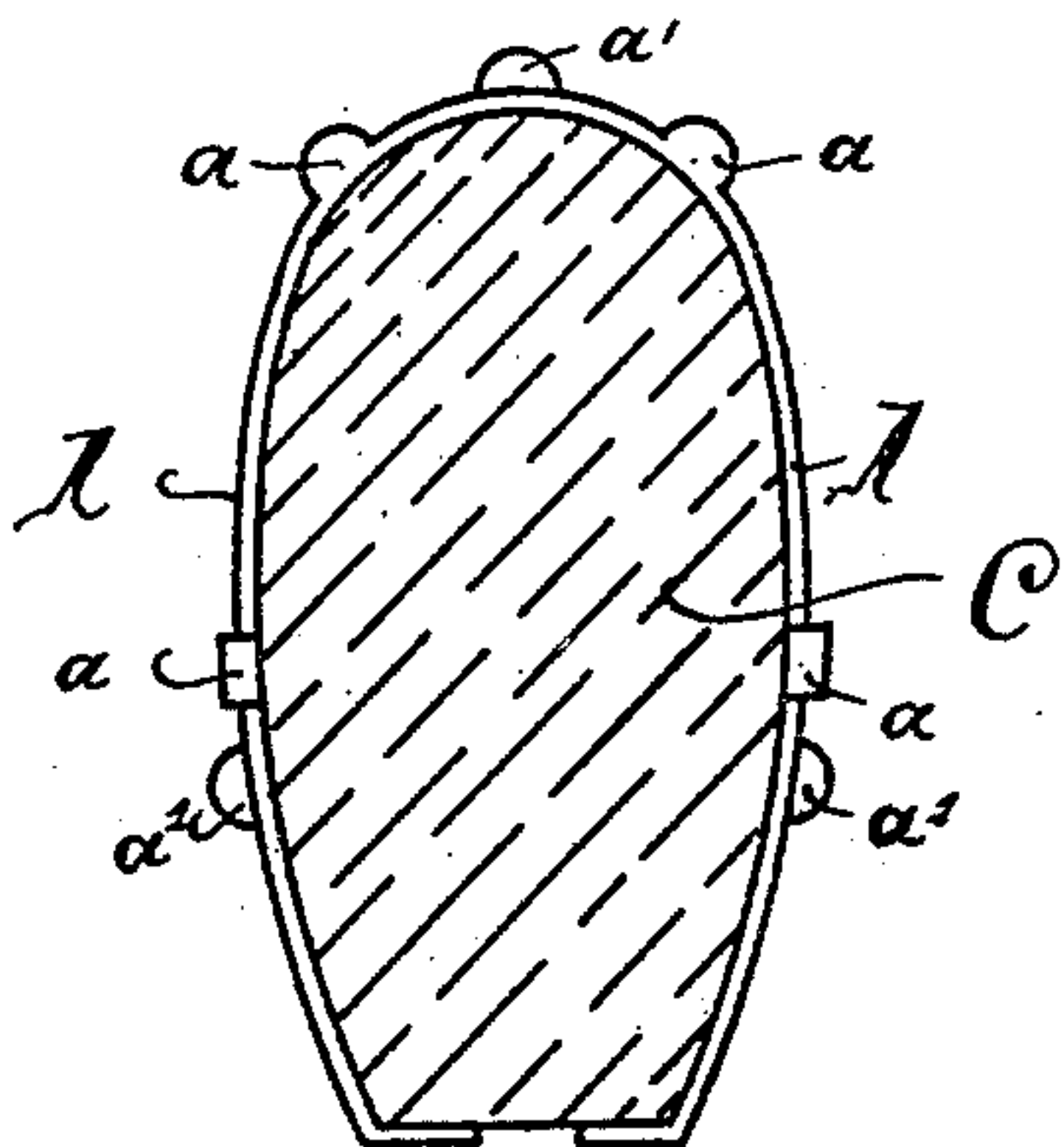


Fig. 5

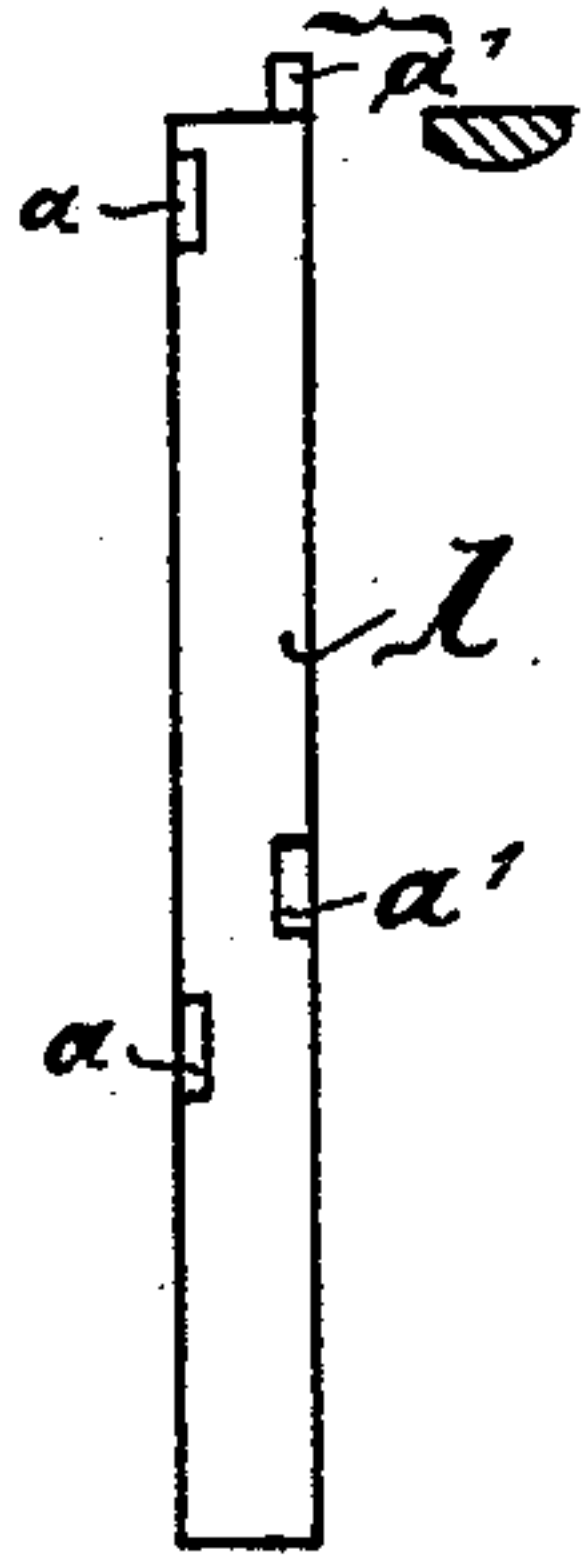
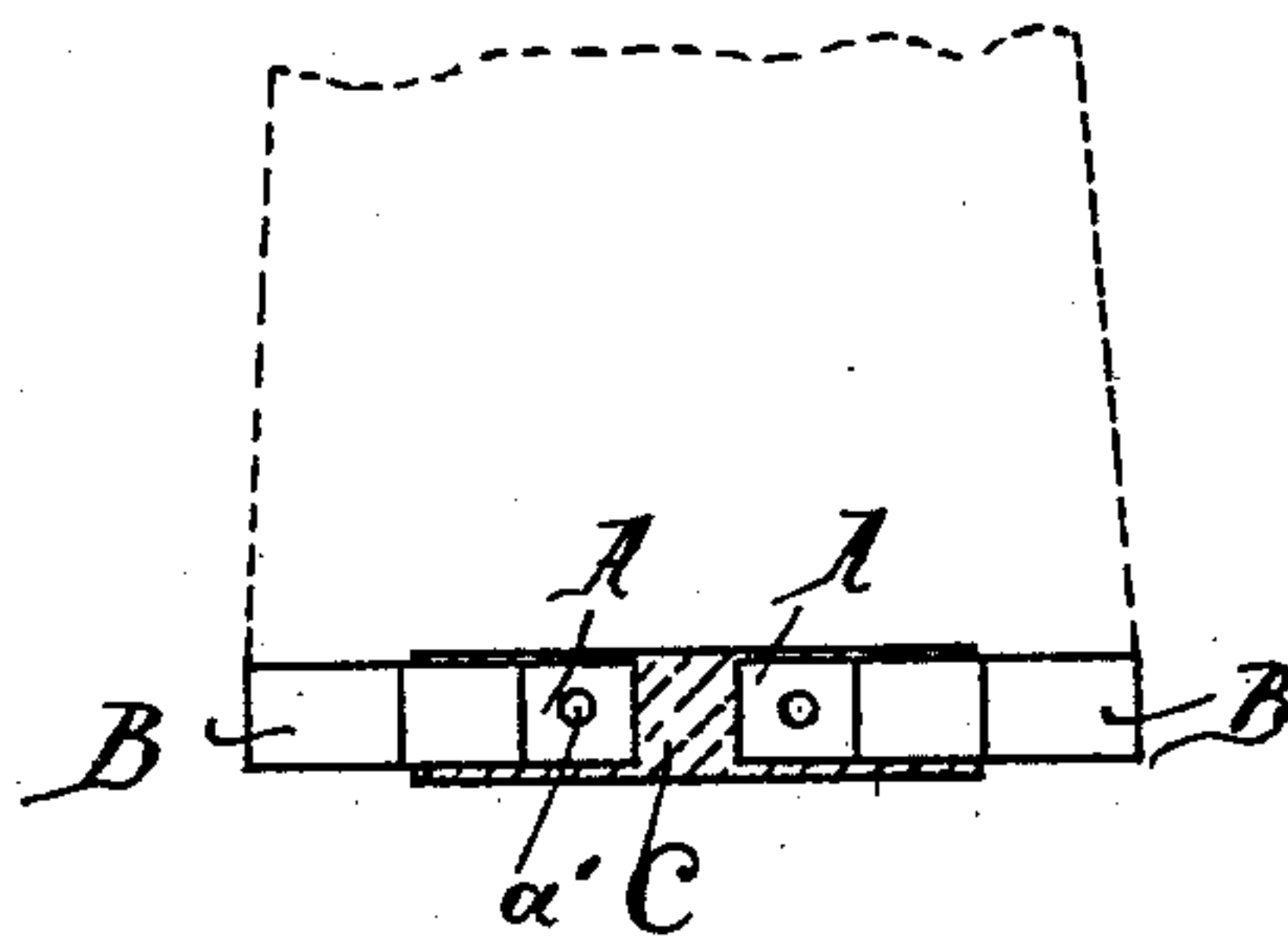


Fig. 3



Witnesses:
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UNITED STATES - PATENT OFFICE.

AUGUST BUER, OF HANOVER, GERMANY.

HORSESHOE-PAD.

SPECIFICATION forming part of Letters Patent No. 677,398, dated July 2, 1901.

Application filed September 2, 1899. Serial No. 729,312. (No model.)

To all whom it may concern:

Be it known that I, AUGUST BUER, a subject of the King of Prussia, German Emperor, and a resident of Hanover, in the Province of Hanover, German Empire, have invented an Improved Pad for Horseshoes, of which the following is an exact specification.

The object of the present invention is an antislipping pad for horseshoes which easily can be attached to or removed from the same.

Many arrangements for preventing the horses from slipping when passing over ice or like slippery surfaces have been constructed, these arrangements consisting therein that the same are provided with rubber or cork plates projecting from beneath the iron shoes. The various arrangements differ from each other only in the way in which the plates are attached to the shoes; but the fastening device is in all the various constructions applied to the plates, so that when the latter are worn out the fastening device is also lost or must be taken off from the plates and applied to the new ones. The most of the known arrangements require, besides, shoes of special construction. In order to obtain the same purpose cited above by an arrangement free of these mentioned evils, I employ a hoof-pad as illustrated in the accompanying drawings.

My invention will be better understood with reference to the accompanying drawings, in which—

Figure 1 illustrates a bottom view of the padded horseshoe; Fig. 2, a vertical section through the same, the hoof being indicated by dotted lines; Fig. 3, a back view of the shod hoof, the shoe being illustrated in end view, the pad in vertical section, and the hoof by dotted lines; Fig. 4, an elevational view of the pad provided with the clamp, and Fig. 5 represents a side and sectional view of the clamp.

In the drawings, A is a clamp having on its inner circumference a convex surface and provided with flaps α , projecting laterally from the hoof edge and which are to repose upon the top surface of the horseshoe, and with front and lateral flaps α' , projecting from the ground edge and which are to take into recesses ar-

ranged on the bottom surface of the horseshoe. The flaps are to hold the clamp in position.

C is a pad, being shaped to correspond with the horseshoe and having on its outer circumference a concave groove to correspond with the curved surface of the clamp. When inserted between the clamp, the pad is secured in position owing to the curved surfaces.

On the lower ends of the clamp, or, more precisely, on the back ends of the same, small holes α^o are provided, into which are inserted a pair of tongs when the pad is to be fixed in the shoe.

In order to fix the pad, the same, by means of a pair of tongs introduced into the holes α^o , is pressed somewhat together and pushed into the horseshoe, so that the flaps α come to lie underneath the same. The pair of tongs then are removed and the clamp, as well as the pad, owing to their elasticity, expand and press against the horseshoe. Thereby the flaps α press from the inside and the flaps α' from the outside against the shoe, and the pad is fixed.

Having now particularly described and ascertained the nature of my invention, what I desire to secure by Letters Patent of the United States of America is—

In antislipping horseshoe-pads, the combination of a pad C having on its outer circumference a concave groove, with a clamp A having on its inner circumference a corresponding convex surface, and provided with flaps α projecting laterally from the hoof edge so as to take over the top surface of the horseshoe, and with flaps α' projecting laterally from the ground edge and taking into recesses of the bottom surface of the horseshoe, and eyes α^o provided in the back of the clamp to allow of the introduction of tongs for pressing the clamp together, the whole for the purpose as set forth.

In witness whereof I have hereunto set my hand in presence of two witnesses.

AUGUST BUER.

Witnesses:

C. WIGAND,
L. RASCH.