

No. 645,869.

Patented Mar. 20, 1900.

J. M. MYERS.

ICE CREEPER ATTACHMENT FOR HORSESHOES.

(Application filed July 26, 1899.)

(No Model.)

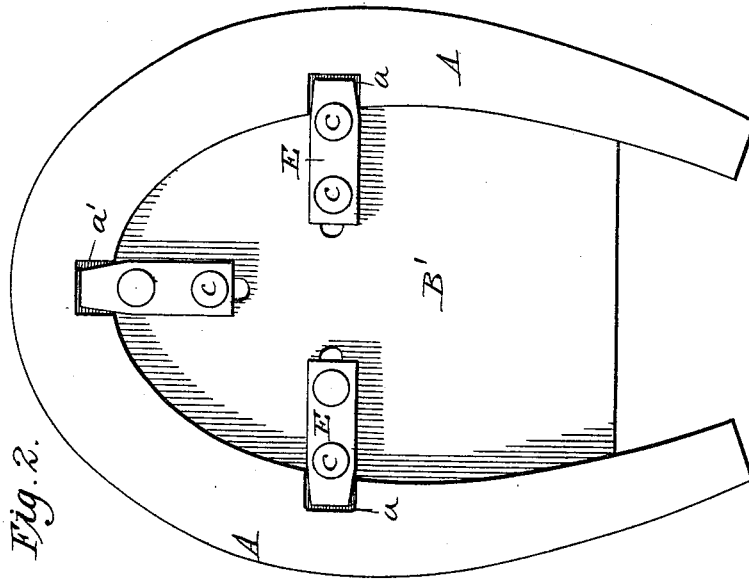


Fig. 2.

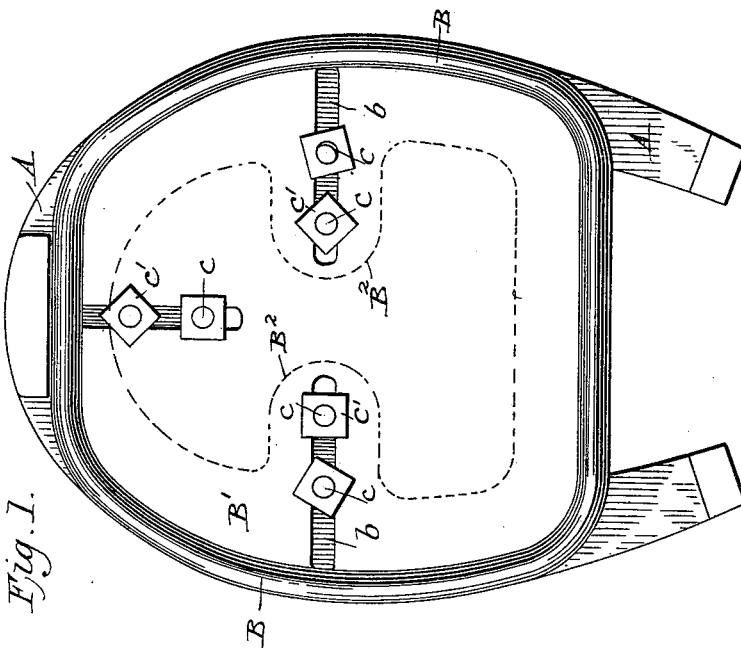


Fig. 1.

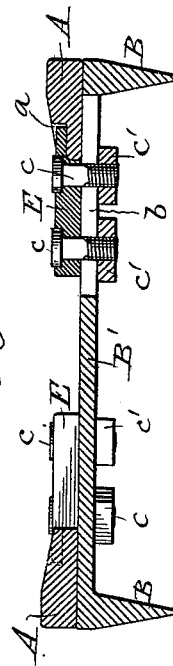


Fig. 3.

Witnesses,

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UNITED STATES PATENT OFFICE.

JOHN M. MYERS, OF LOUISVILLE, KENTUCKY.

ICE-CREEPER ATTACHMENT FOR HORSESHOES.

SPECIFICATION forming part of Letters Patent No. 645,869, dated March 20, 1900.

Application filed July 26, 1899. Serial No. 725,205. (No model.)

To all whom it may concern:

Be it known that I, JOHN M. MYERS, a citizen of the United States, residing at Louisville, in the county of Jefferson and State of Kentucky, have invented certain new and useful Improvements in Ice-Creeper Attachments for Horseshoes, of which the following is a specification.

My invention relates to that class of ice-creepers which are attached to a horseshoe by adjustable and detachable fastenings, whereby they may readily be attached to or removed from shoes of different sizes and yet be firmly secured in place. I attain these objects by the mechanism shown in the accompanying drawings, in which—

Figure 1 represents a bottom or inverted plan view of the shoe and its attachments; Fig. 2, a top plan view of the shoe and the interlocking clips which secure the creeper to the shoe; and Fig. 3, a vertical cross-section through the shoe, creeper, and fastening.

The shoe A is made in the ordinary way, except that it is provided with shallow radial or lateral grooves *a* in its upper side. A similar groove *a'* may be provided in the front of the shoe, if desired; but ordinarily the lateral grooves will be found amply sufficient to hold the creeper securely to the shoe.

The creeper is shown as composed of a rim B, of metal, preferably of cast-steel, having a comparatively-sharp lower edge; its upper edge being secured to or formed on a plate or ring B', corresponding in shape with the shoe. The rim and ring or plate are of such shape as not to interfere with the calks or heels of

the shoe. The drawings show in full lines the rim B as forming part of a flat plate B', provided with lateral slots *b*, through which one or more bolts *c* pass. Clips E are secured to the ring or plate by these bolts *c* and their nuts *c'*. The projecting outer ends of these clips enter the grooves *a* in the shoe, and thus clamp the shoe and creeper securely together.

The dotted lines in Fig. 1 show the shape preferably given to the ring when substituted for the plate above described. In this modification the clips are secured to slotted brackets B², projecting inwardly from the ring instead of to the plate.

It will be observed that the plate or ring B' is interposed between the creeper-rim B and shoe A, so that the shocks of use come directly upon the shoe, and the clips are relieved from the strain incident to such shocks, being required merely to hold the shoe and creeper together.

What I claim herein as new and as of my own invention is—

The combination, substantially as hereinbefore set forth, of a horseshoe, having grooves in the upper side thereof, an ice-creeper rim, its supporting plate or ring interposed between the rim and shoe, fastening-clips connecting the plate or ring and shoe, and adjusting devices connecting the plate or ring and clips, for the purposes described.

In testimony whereof I have hereunto subscribed my name.

JOHN M. MYERS.

Witnesses:

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