

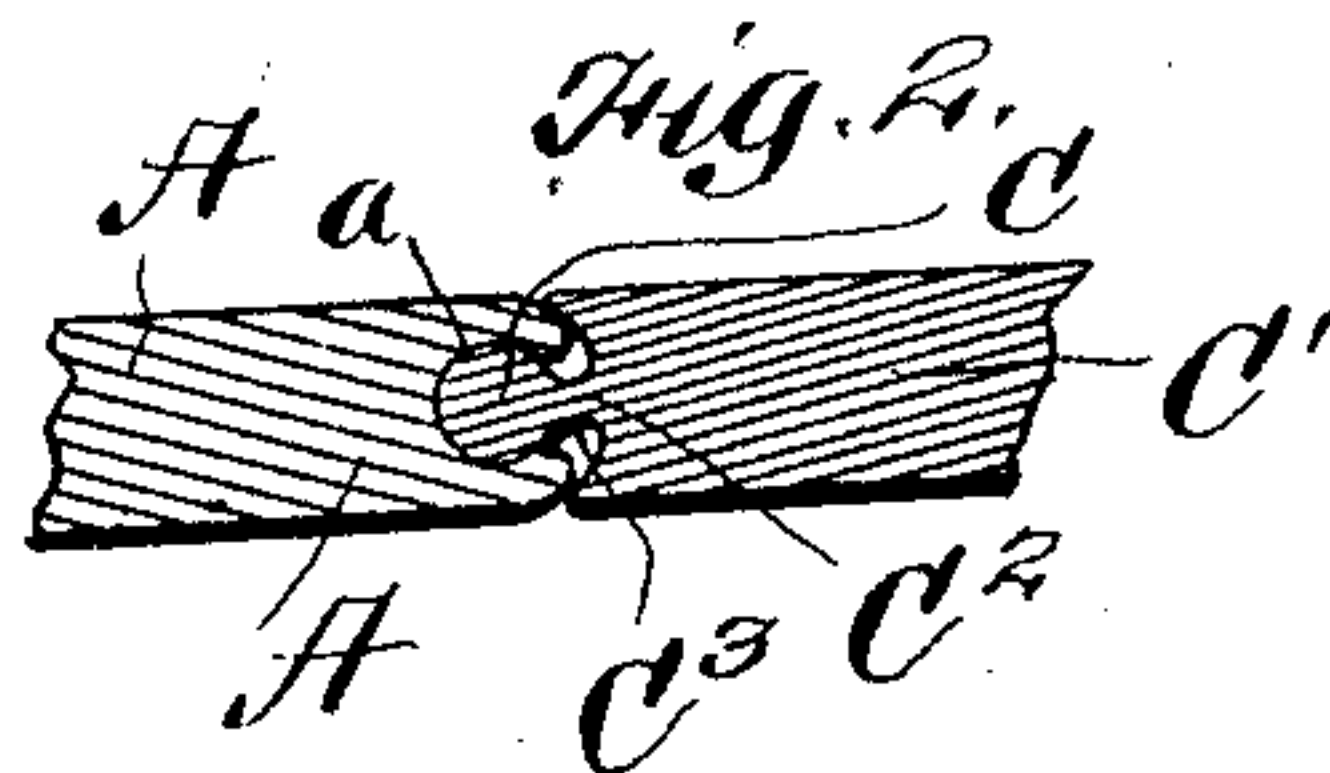
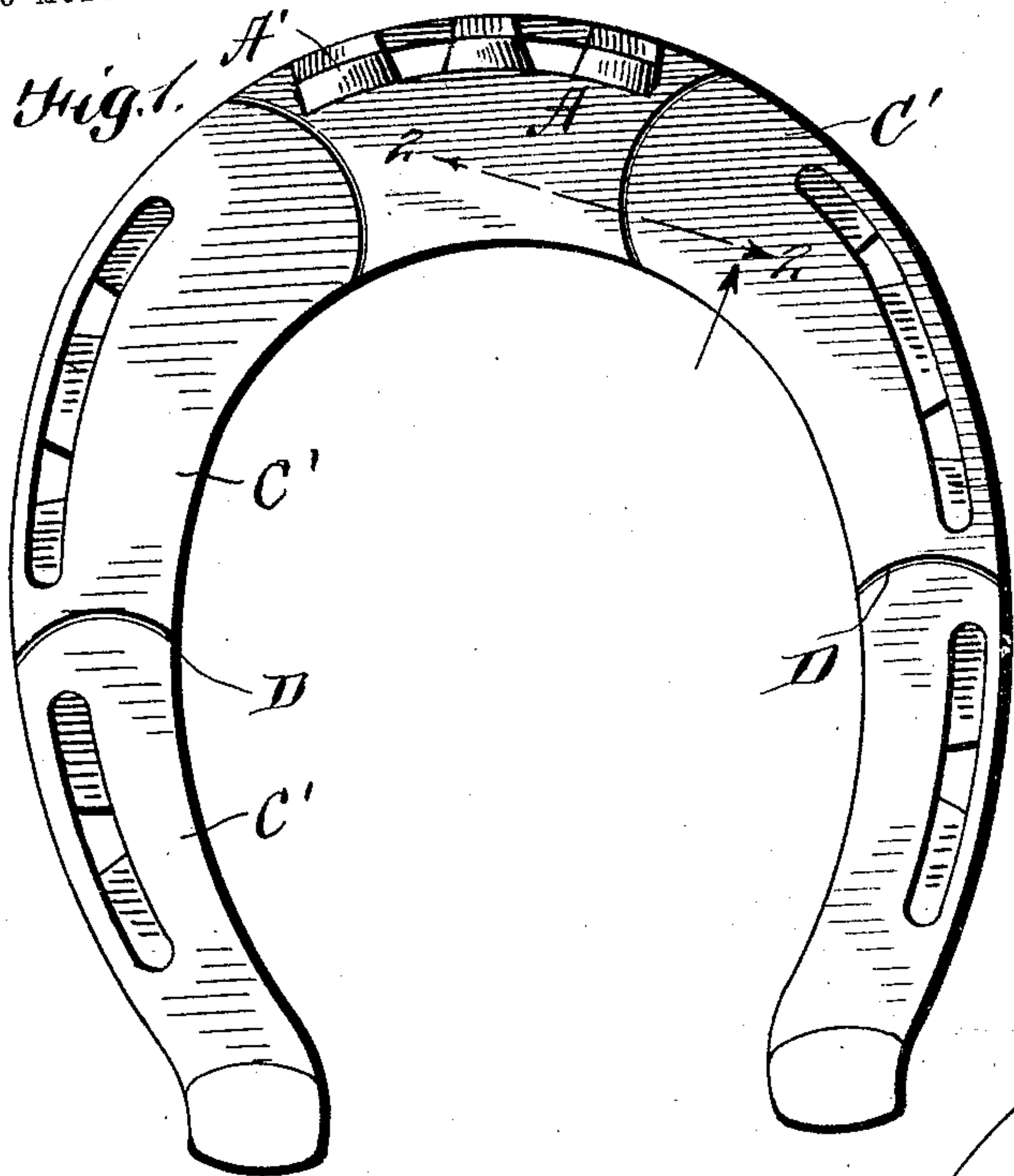
No. 765,362.

PATENTED JULY 19, 1904.

J. H. HEIMAN.  
HORSESHOE.

APPLICATION FILED JAN. 23, 1904.

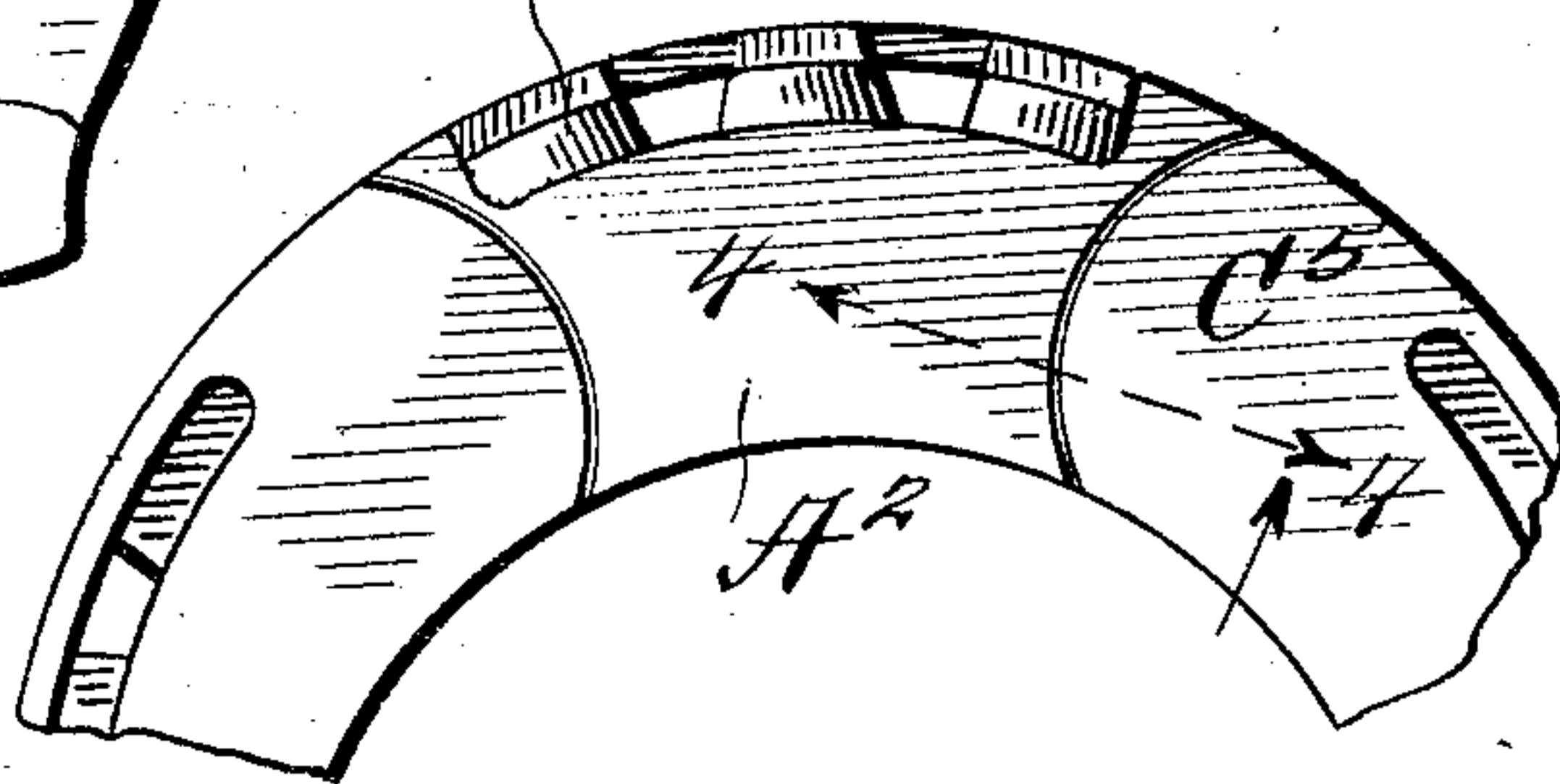
NO MODEL.



*Fig. 4.*



*Fig. 3.*



Witnesses

R. A. Boswell.  
Edw. Godwin

Inventor

Julia H. Heiman  
By Franklin H. Hough  
Attorney

# UNITED STATES PATENT OFFICE.

JULIA H. HEIMAN, OF COLDSRING, MINNESOTA.

## HORSESHOE.

SPECIFICATION forming part of Letters Patent No. 765,362, dated July 19, 1904.

Application filed January 23, 1904. Serial No. 190,305. (No model.)

*To all whom it may concern:*

Be it known that I, JULIA H. HEIMAN, a citizen of the United States, residing at Coldspring, in the county of Sterns and State of Minnesota, have invented certain new and useful Improvements in Horseshoes; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to new and useful improvements in horseshoes; and the object of the invention is to produce a device of this character comprising a composite shoe made of a plurality of sections which are so arranged and connected together as to allow certain of the parts to yield slightly and producing a shoe which may be applied to different-sized hoofs.

The invention consists, further, in various details of construction and in combinations and arrangements of parts, which will be hereinafter fully described and then specifically defined in the appended claim.

I illustrate my invention in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this invention, and in which—

Figure 1 is a plan view of my improved horseshoe. Fig. 2 is a sectional view on line 2 2 of Fig. 1. Fig. 3 is a plan view of a portion of the shoe slightly modified. Fig. 4 is a sectional view on line 4 4 through the modified form shown in Fig. 3.

Reference now being had to the details of the drawings by letter, A designates the toe of the shoe, having suitable calks A', which may be either integral with or fixed to said toe. The ends of said toe-piece are concaved, and each end of said toe-piece has a slot or groove *a* therein, which is formed on the arc of a circle and is adapted to receive a tongue or beading C, which is integral with the end of a section C' of the shoe. On reference to Fig. 2 of the drawings, this detailed construction will be clearly seen, in which the

beading is shown substantially circular in cross-section, having a contracted neck C<sup>2</sup> projecting from the convex end of the piece C'. When the two sections C' are connected to the toe-piece in the manner described, it will be noted that a slight space (designated in Fig. 2 by C<sup>3</sup>) intervenes between the marginal edges of the slot in the toe-piece and the contracted or neck portion C<sup>2</sup>, whereby the three sections C' and A may have slight lateral movements independent one of another and at angles to the face of the shoe. The joints D D are similar to the joints described which connect sections A and C', provision being made for allowing the parts to have a slight play, one independent of another.

In Figs. 3 and 4 I have shown a modification in which the toe-piece A<sup>2</sup>, which is of the same general shape as the corresponding piece A in Fig. 1, is provided with a dovetailed slot A<sup>3</sup>, (shown in Fig. 4 of the drawings,) which is adapted to receive a similar-shaped tongue C<sup>4</sup>, formed at the end of the section C<sup>5</sup> of the shoe. By this modified form it will be observed that the parts are securely held together and only a slight lateral movement is allowed the parts, while the same may be interlocked or spread slightly to adapt the shoe to fit different-sized hoofs.

By the provision of a shoe made in accordance with my invention it will be observed that means is provided for allowing certain of the sections of the shoe to have a slight movement independent of the others, whereby jar to certain parts of the hoof which may be sensitive is prevented.

While I have shown a particular construction of apparatus embodying the features of my improved shoe, it will be understood that I may make alterations, if desired, in the detailed construction of the apparatus without in any way departing from the spirit of the invention.

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

A composite shoe made up of a plurality of interlocking sections, the toe-section having concaved ends which are grooved, sections of



the shoe which engage the toe-sections being provided with convexed ends which are provided with tongues at the ends of the contracted neck portion designed to engage said  
5 grooves, slight spaces intervening between the marginal edges of said grooves and said neck portion of the tongue, whereby a slight lateral play is allowed, the heel-sections in-

terlocking with the adjacent toe-engaging sections, as set forth.

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

JULIA H. HEIMAN.

Witnesses:

PAUL ADAMS,

NICH. HEMMESCH.