

No. 876,928.

PATENTED JAN. 21, 1908.

T. J. & A. L. ANDERSON.

HORSESHOE.

APPLICATION FILED NOV. 2, 1906.

Fig. 1

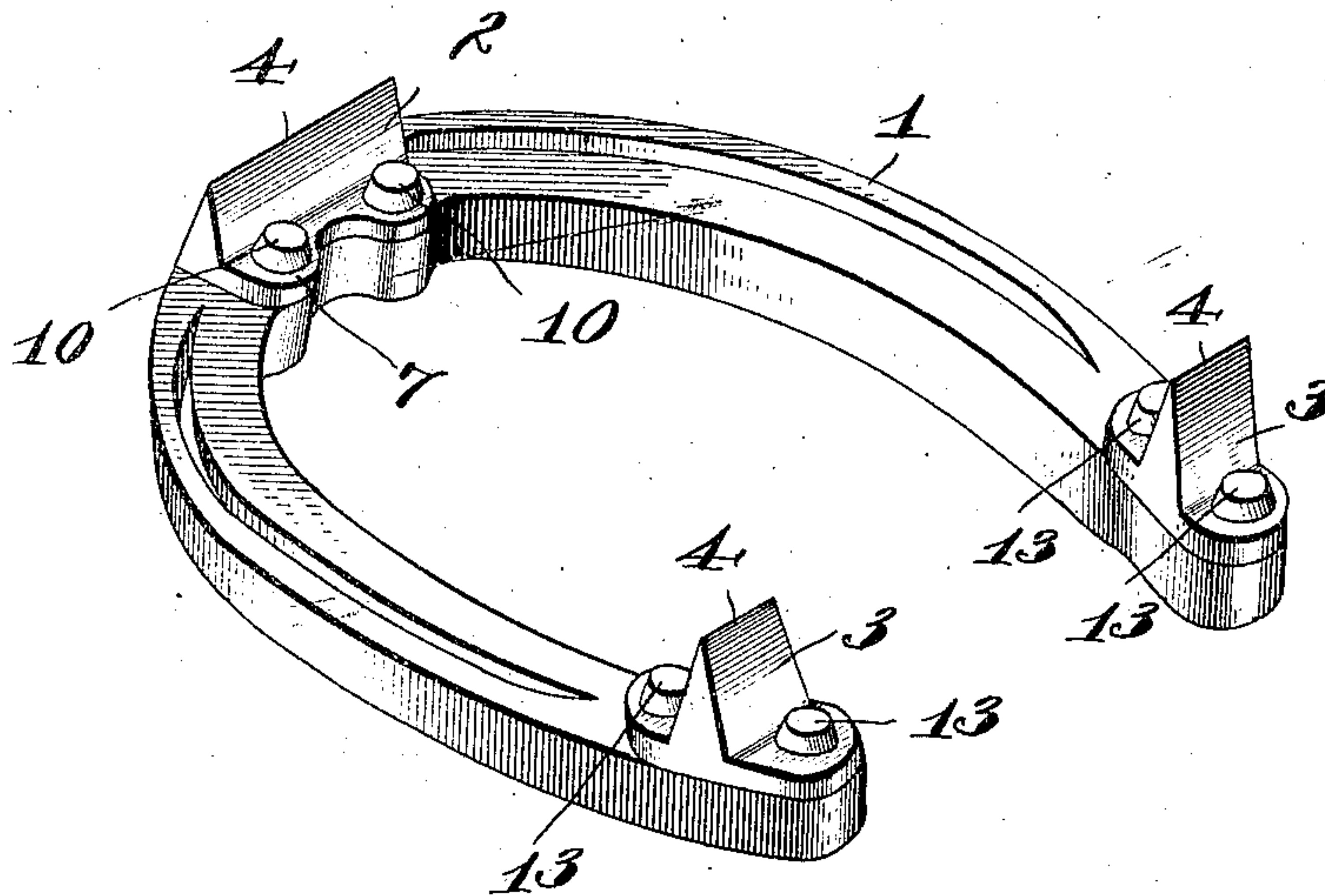


Fig. 3.

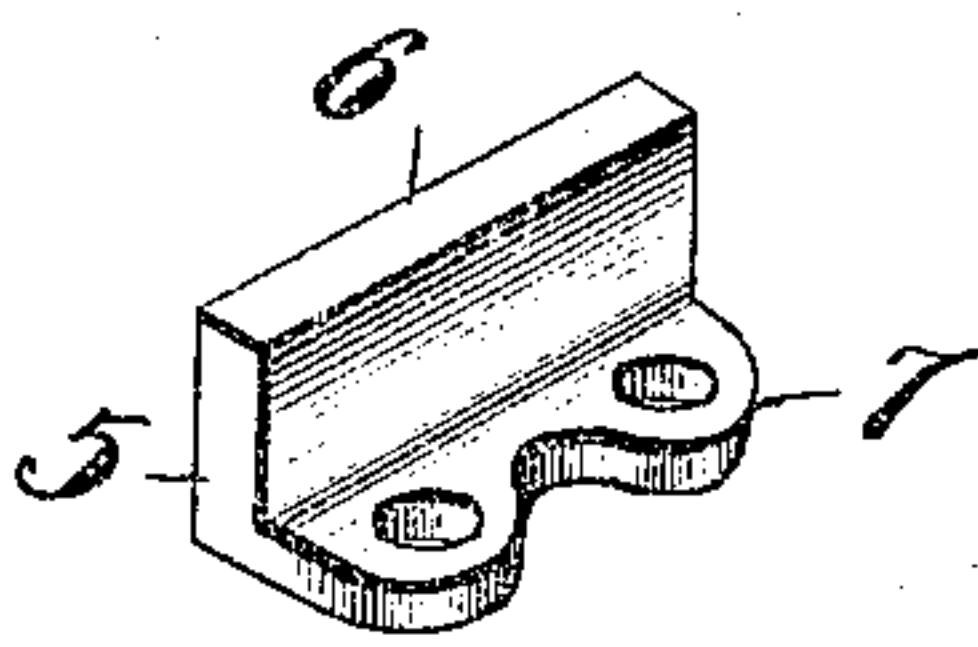


Fig. 2.

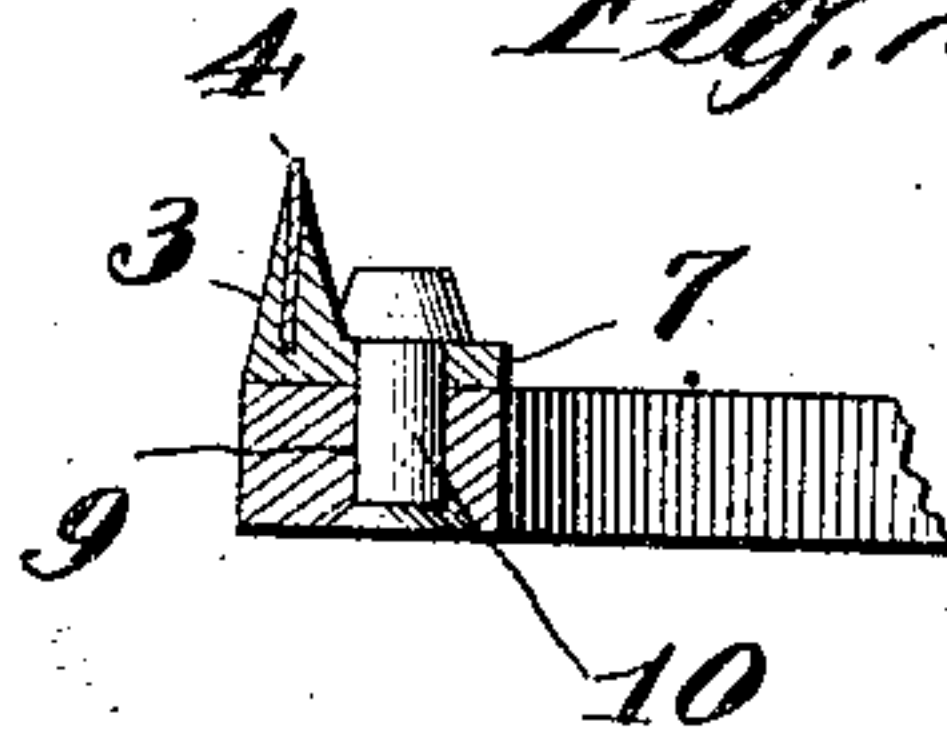


Fig. 4.

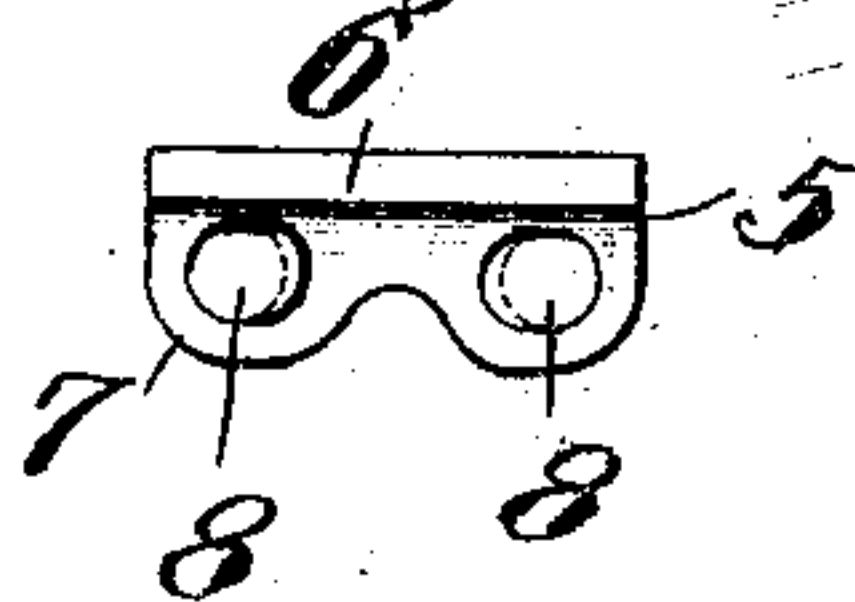


Fig. 5.

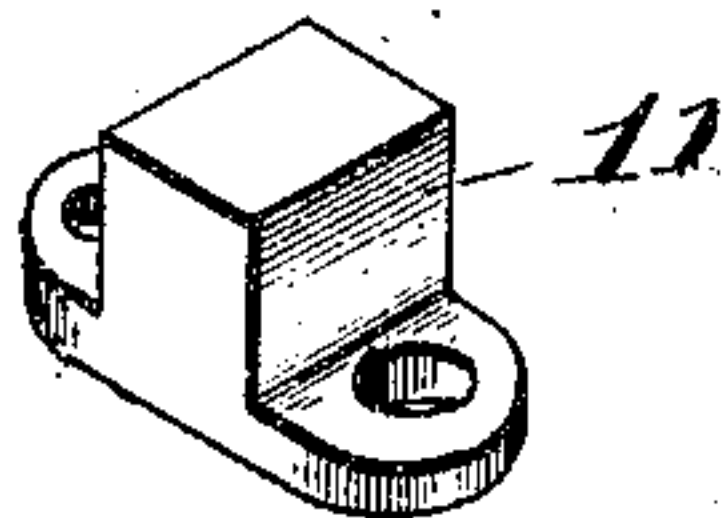
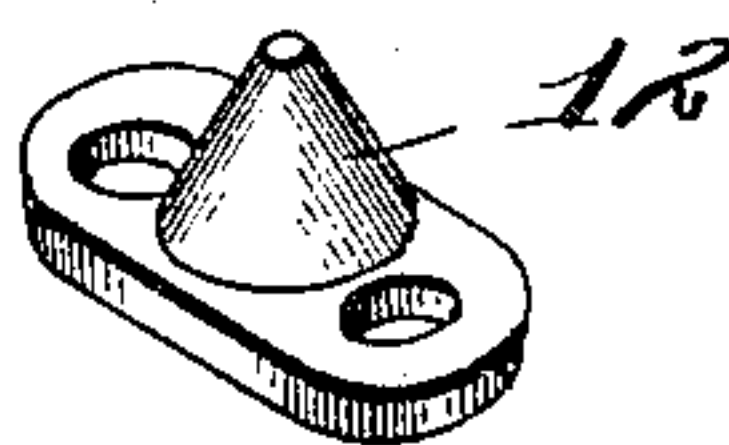


Fig. 6.



Witnesses:

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UNITED STATES PATENT OFFICE.

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HORSESHOE.

No. 876,928.

Specification of Letters Patent.

Patented Jan. 21, 1908.

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To all whom it may concern:

Be it known that we, TORVAL J. ANDERSON and ALBERT L. ANDERSON, citizens of the United States, residing at Rockdale, in the county of Dane and State of Wisconsin, have invented certain new and useful Improvements in Horseshoes, of which the following is a specification.

The object of this invention is the production of a horseshoe provided with calks of improved form and improved means for securing the calks in place.

In the accompanying drawings Figure 1 is a perspective view of a horseshoe embodying the features of our invention. Fig. 2 is a sectional detail view illustrating the manner of securing the calks in place, the toe calk shown in said view being somewhat different from the one shown in Fig. 1. Figs. 3 and 4 are respectively perspective and top plan views of still another form of toe calk. Figs. 5 and 6 are perspective views of two alternative forms of heel calks.

Our invention may be embodied in horseshoes of any of the well known forms. The horseshoe 1 herein shown is provided with a toe calk 2 and heel calks 3, said calks, in this instance, having prism-shape body portions and sharp bearing edges 4 which are arranged transversely of the shoe. When desirable the horseshoe may be provided with calks 5 of the form shown in Figs. 3 and 4, said calks having blunt bearing portions 6. The calks 2 and 5 are provided with attaching lugs 7 having perforations 8 therein. As indicated in Fig. 4, these perforations are preferably somewhat elongated for a purpose to appear hereinafter. In the toe and heel portions of the horseshoe 1 are formed pairs of circular openings 9, the openings of each pair being the same distance apart. The toe calks 2 and 5 are secured in place, in this instance, by means of rivets 10 seated in the openings 8 and 9. The heel calks 3, 11 and 12 (Figs. 1, 5 and 6) are similarly secured in place by means of rivets 13. The rivet holes 9 in the

heel portions of the horseshoe being located the same distance apart as are the openings 9 in the toe portion, it will be seen that calks 2 may, if desired, be secured upon the heel portions of the shoe with the bearing edge 4 extending longitudinally of the shoe, this construction being especially adapted to prevent side-slipping.

The prism-shape calks 2 and 3 may be of the construction shown in Fig. 2 wherein a blade 14 of hardened steel is inserted in the calk to make the same self-sharpening.

In fitting the shoe to a horse's foot the sides of the shoe may be bent to make the shoe wider or narrower as required. Such bending being apt to bring the rivet holes 9 in the toe portion nearer together or farther apart, the openings 8 in the toe calk are made somewhat elongated so that the rivets 10 may be inserted in the openings 8 and 9.

We claim as our invention:

1. A horseshoe having openings formed in its toe portion and a calk having an attaching portion provided with elongated openings therein, whose lines of greatest width are substantially in alinement, and means adapted to extend through the openings in said attaching portion and the openings in the shoe.

2. A horseshoe having a pair of openings therein, and a calk having an attaching portion provided with elongated perforations, and means adapted to extend through the perforations in said attaching portion and the openings in the shoe.

3. A horseshoe having a pair of openings therein, and a calk having an attaching portion provided with elongated perforations whose lines of greatest width are substantially in alinement, and means adapted to extend through the perforations in said attaching portion and the openings in the shoe.

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