

No. 652,840.

Patented July 3, 1900.

H. L. FORESMAN.
CALK ATTACHING CLAMP.

(Application filed Feb. 16, 1900.)

(No Model.)

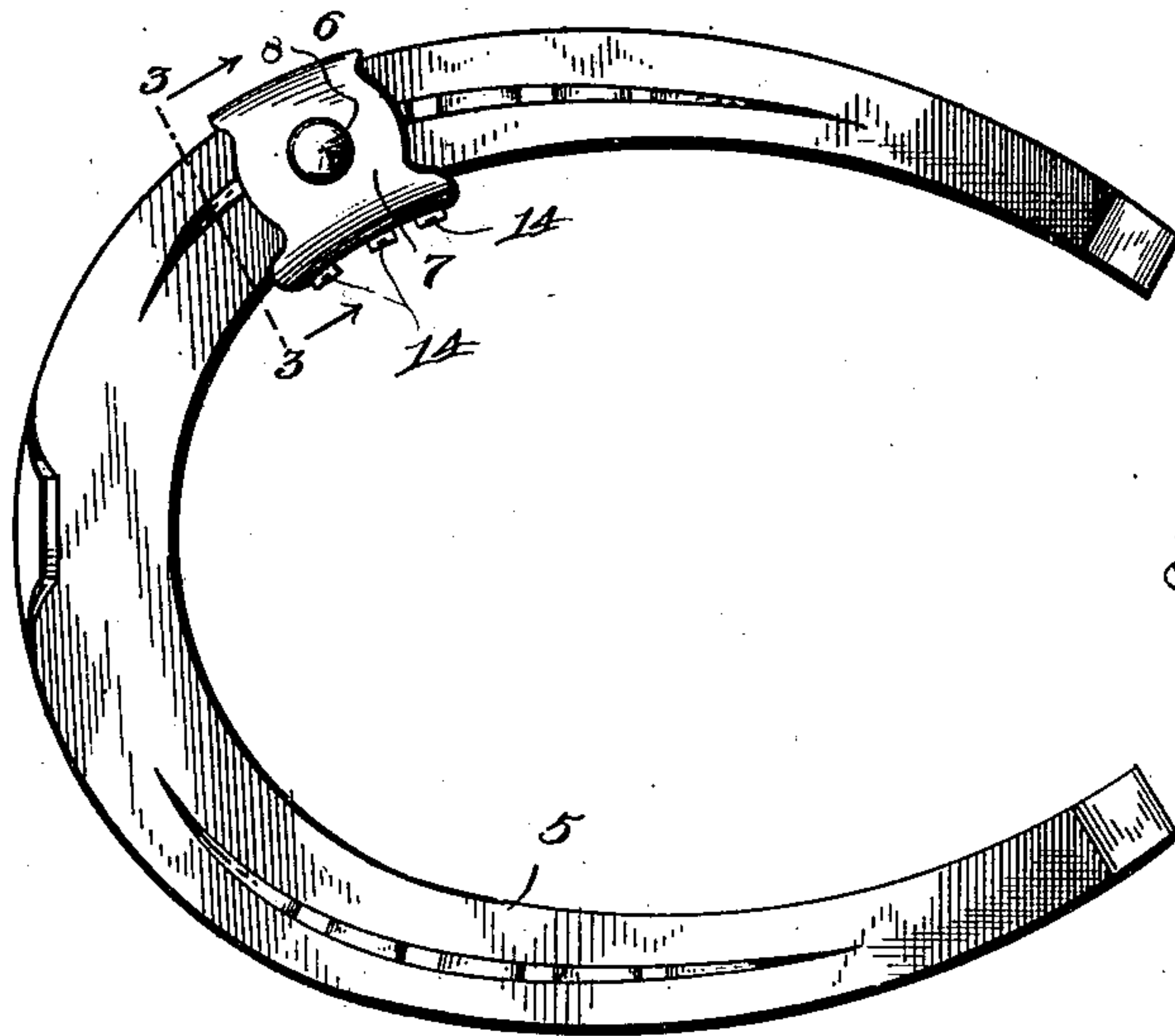


Fig. 1.

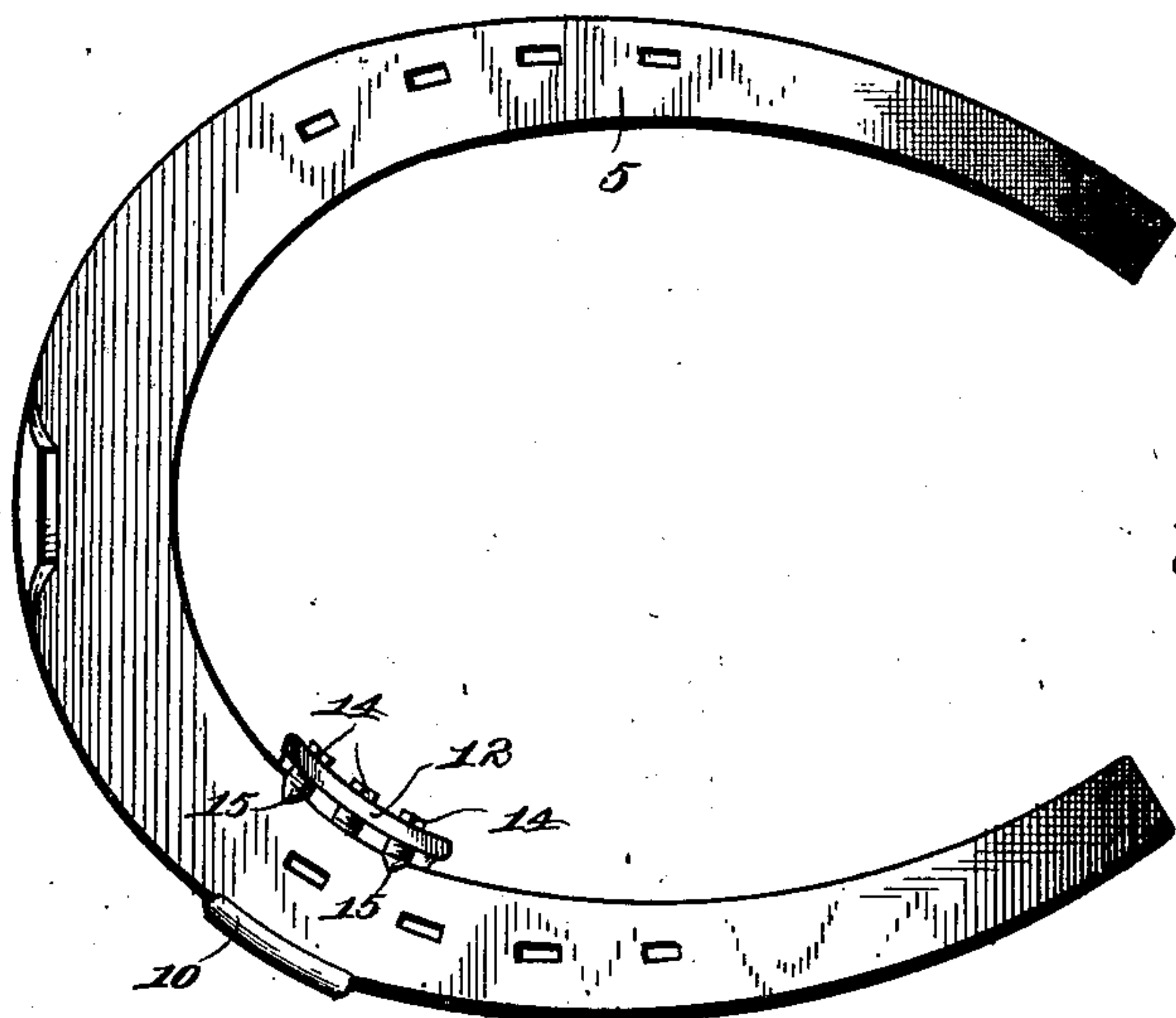


Fig. 2.

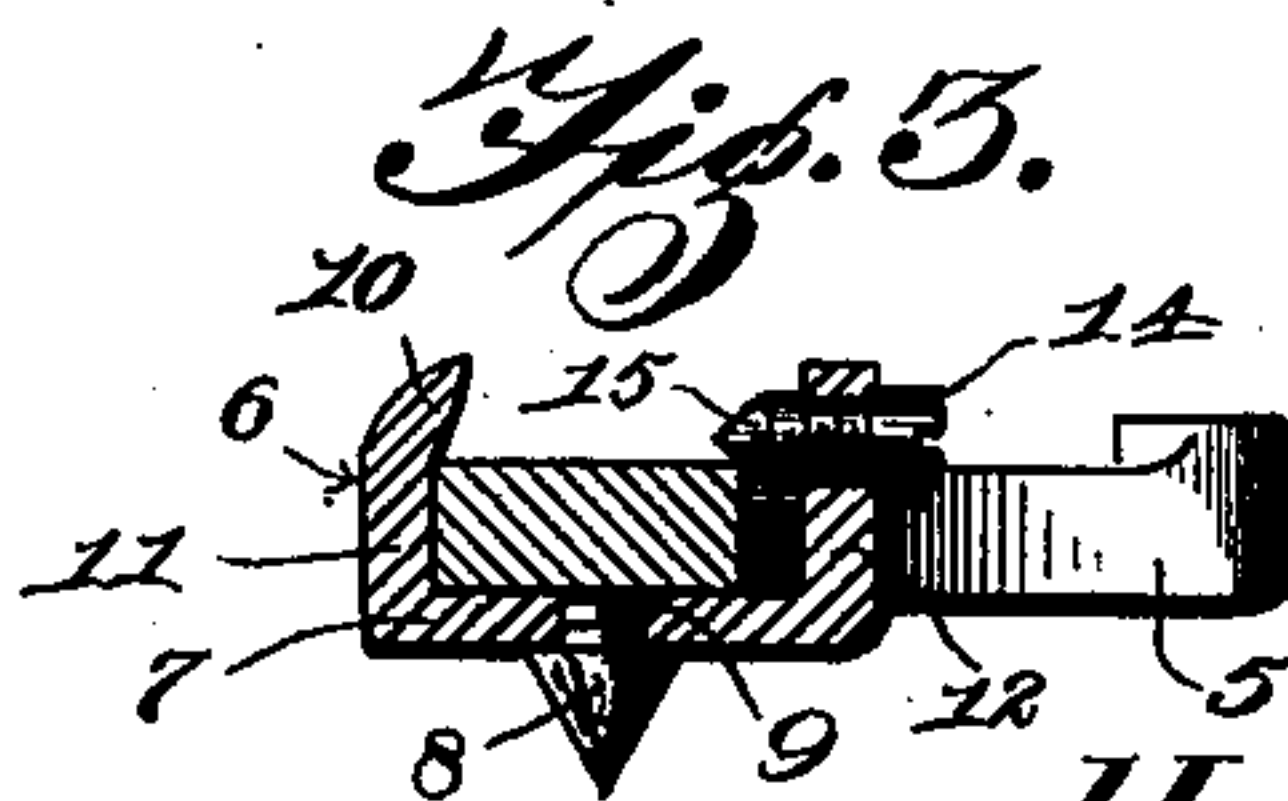


Fig. 3.

Witnesses

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HARRY LOYD FORESMAN, OF SOUTH WILLIAMSPORT, PENNSYLVANIA.

CALK-ATTACHING CLAMP.

SPECIFICATION forming part of Letters Patent No. 652,840, dated July 3, 1900.

Application filed February 16, 1900. Serial No. 5,551. (No model.)

To all whom it may concern:

Be it known that I, HARRY LOYD FORESMAN, a citizen of the United States, residing in the borough of South Williamsport, (post-office, Burlingame,) in the county of Lycoming and State of Pennsylvania, have invented a new and useful Adjustable Calk and Clamp for Horseshoes, of which the following is a specification.

10 This invention relates to horseshoes in general, and more particularly to the calks thereof, and it has specific reference to the means for holding the calks removably and adjustably to the shoe, the object of the invention
15 being to provide a clamp for holding the calk to the shoe in such manner that it will not be liable to displacement during use and at the same time may be readily applied and removed, as desired.

20 In the drawings forming a portion of this specification and in which like numerals of reference indicate similar parts in the several views, Figure 1 is a bottom plan view of a horseshoe, showing the clamp of the present
25 invention in operative position thereon. Fig. 2 is a top plan view of a horseshoe with the present invention in place. Fig. 3 is a section on line 3 3 of Fig. 1, showing the positions of the holding-screws with respect to the
30 shoe.

Referring now to the drawings, 5 represents a horseshoe of usual construction, the stock of the shoe being tapered toward the heels, and 6 represents generally the clamp for holding
35 the calk upon the shoe. The calk-clamp comprises a body portion in the form of a plate 7, which may have any general outline and with which the calk may be made integral, or to which the calk may be attached,
40 as shown, by screwing the stud of the calk 8 into the threaded perforation 9 in the plate 7. One edge of plate 7 is curved upwardly and then inwardly, the upwardly-bent portion 10 being curved to fit snugly against the outer
45 edge of the shoe, while the inwardly-projecting portion forms a flange 11, which lies against the upper face of the shoe or thereabove, depending upon the thickness of the shoe, it being understood that in practice the

clamp is disposed with the body portion or
plate 7 against the under side of the shoe. At the side of the plate 7 opposite to the upwardly-projecting part 10 is a second upwardly-projecting portion 12, which is arcuate to conform to the inner curvature of the
55 shoe, and through this portion 12 are formed a number of threaded perforations. With these perforations are engaged screws 14, which in the present instance are shown as three in number, the outermost or end screws
60 having conical ends 15, so positioned that they will lie with the sides of the tapers thereof against the upper face of the shoe, so that as the screws are turned inwardly they will have a wedging action to clamp the shoe against
65 the plate 7. The central screw of the series of three is a simple form of flat-ended set-screw, which when turned up engages the edge of the shoe and acts to relieve the tapered screws from a part of the strain there-
70 against.

When it is desired to shift the position of the calk, the screws may be loosened and the clamp, and therewith the calk, moved along to the proper point of the shoe. Furthermore,
75 the clamp and calk may be entirely removed when desired and may be applied wherever wished.

Having thus described my invention, what I claim is—

80 1. A calk-attaching clamp comprising a plate having a calk thereon, the sides of the base-plate adapted to lie against the under face of a shoe and being projected upwardly, one of the upwardly-projected portions being
85 adapted to engage over the edge of a shoe, and the other upwardly-projected portion having a series of threaded perforations, and screws engaged with the perforations and lying with their axes parallel with the upper
90 face of the base-plate, said screws having conical ends disposed to engage against the edge of the upper face of the shoe and wedge the shoe against the base-plate.

2. A calk-attaching clamp comprising a
95 plate carrying a calk, the side edges of the plate being projected upwardly to lie at opposite edges of the shoe, one of the upwardly-

projected portions having a flange for engagement over the edge of a shoe and the other upwardly-projected portion having threaded perforations, a set-screw engaged with one of
5 the perforations and adapted to impinge against the inner edge of the shoe, and an additional screw at each side of the set-screw

and having a tapered extremity disposed to impinge against the upper face of the shoe and clamp the shoe against the plate.

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Witnesses:

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