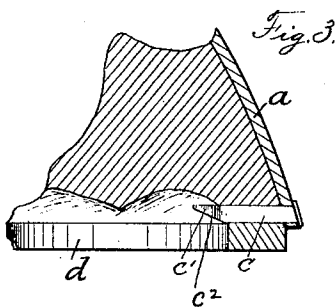
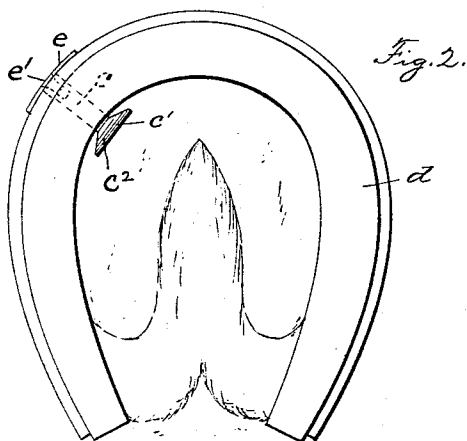
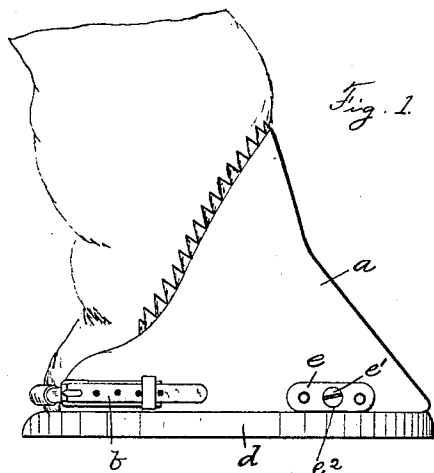


(No Model.)

J. HOAR.
HORSE BOOT.

No. 481,790.

Patented Aug. 30, 1892.



WITNESSES
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UNITED STATES PATENT OFFICE.

JOHN HOAR, OF BROOKLINE, MASSACHUSETTS.

HORSE-BOOT.

SPECIFICATION forming part of Letters Patent No. 481,790, dated August 30, 1892.

Application filed April 7, 1892. Serial No. 428,177. (No model.)

To all whom it may concern:

Be it known that I, JOHN HOAR, of Brookline, county of Norfolk, State of Massachusetts, have invented an Improvement in Locking
5 Devices for Horse-Boots, of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings representing like parts.

This invention has for its object to provide
10 a horse-boot such as is commonly called a "toe-boot" with a locking device of special construction, whereby the boot will be securely held in position without liability of becoming detached.

15 In accordance with this invention the locking device consists of a short piece of metal comprising a narrow shank having at one end a head or enlargement. A recess is formed in the bottom of the foot of suitable shape to receive said narrow shank, and when the
20 usual shoe is secured to the foot covering said recess the headed locking device is inserted from the inside or so that the head thereof will be upon the inside. The shank is made
25 of suitable length to terminate substantially flush with the outer side or edge of the foot and a suitable fastening is provided—such, for instance, as a screw—which passes through a suitable plate secured to the outside of the
30 boot, and thence into the end of the shank of the locking device.

Figure 1 shows in side elevation a horse-boot provided with a locking device embodying this invention. Fig. 2 is an under side view
35 of the foot with shoe secured thereto, showing the locking device; and Fig. 3 shows a vertical section of a portion of the foot and shoe, showing the locking device in elevation.

40 The horse-boot *a* and connecting-strap *b* are all as usual. The locking device consists of a small piece of metal, comprising a nar-

row shank *c*, provided at one end with a head *c'*, preferably beveled at *c*² upon its under side, as shown in Fig. 3. A recess is formed
45 in the bottom of the foot of suitable shape to receive said narrow shank *c*, and the shoe *d* is secured to the foot in the usual manner, covering said recess. The shank *c* is of suitable length to terminate substantially flush
50 with the outside of the foot when inserted in the recess with the head upon the inside. A metal plate *e* is secured by rivets or otherwise to the boot *a* near its lower edge, having a central hole *e*² through it for a screw *e'*, which
55 enters the outer end of the shank *c*. When the parts are thus assembled, it will be seen that the boot cannot be detached except by removing the locking device from the inside.

I am aware that horse-boots have been pro-
60 vided with a spur which enters a recess in the foot; but said spur usually slips out of the recess and becomes exceedingly troublesome, whereas by reason of the head *c'* herein shown my locking device is made secure.
65

I claim—

A locking device for horse-boots, consisting of a plain shank *c*, provided with a T-shaped head *c'* on its inner end and having a beveled surface *c*² on its underside, its opposite end be-
70 ing provided with an interiorly-screw-threaded socket to receive a screw *e'*, and a plate *e*, provided with a hole *e*² for the admission of the screw *e'*, said plate *e* being dish-shaped to conform to the contour of the boot and held in position by rivets, substantially as shown and described.
75

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JOHN HOAR.

Witnesses:

BERNICE J. NOYES,
LUCY F. GRAVES.