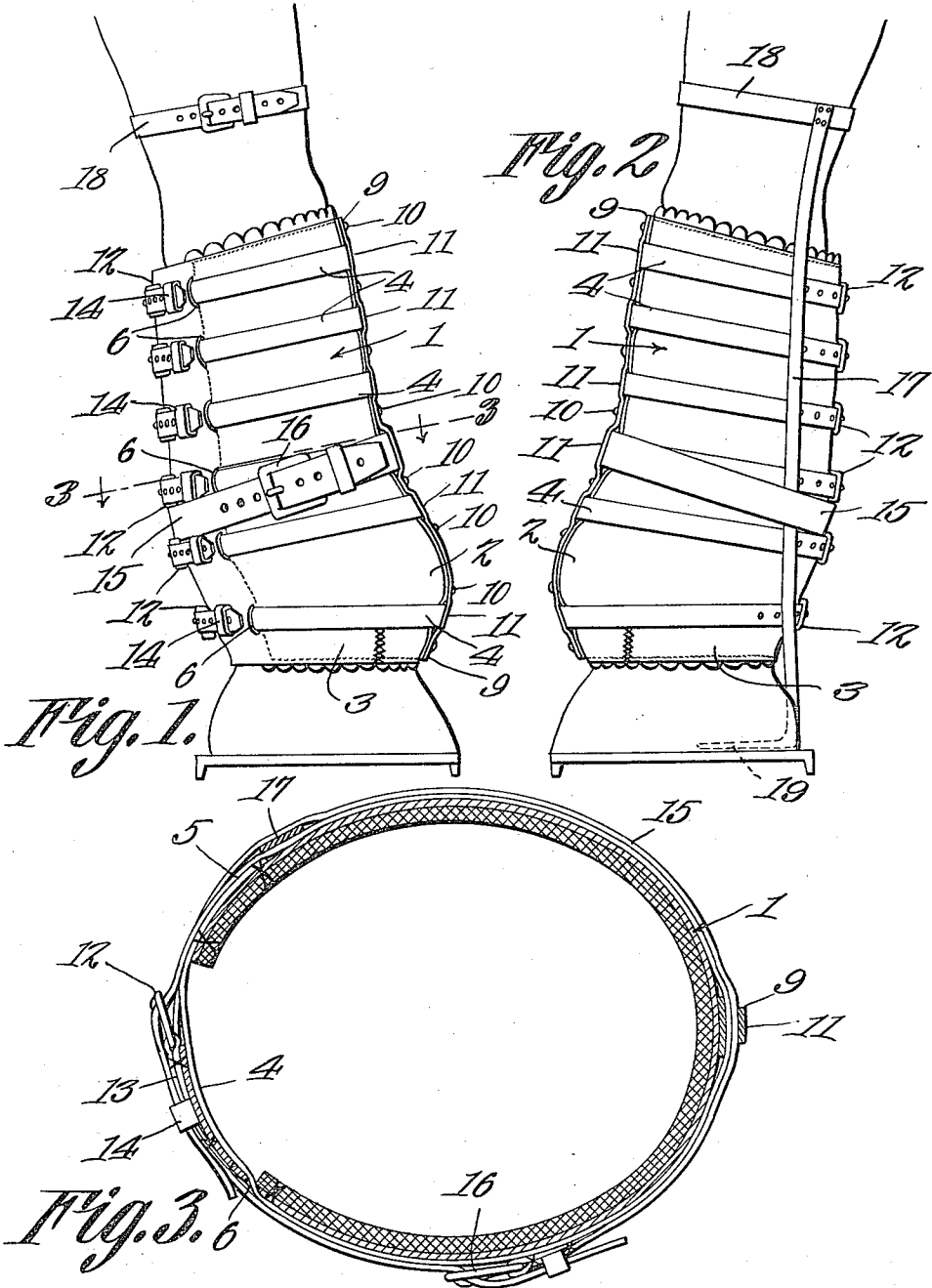


A. RICHARDSON.
HORSE BOOT.
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1,163,952.

Patented Dec. 14, 1915.



Witnesses

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UNITED STATES PATENT OFFICE.

ALLEN RICHARDSON, OF MONTGOMERY, ALABAMA.

HORSE-BOOT.

1,163,952.

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To all whom it may concern:

Be it known that I, ALLEN RICHARDSON, a citizen of the United States, residing at Montgomery, in the county of Montgomery and State of Alabama, have invented a new and useful Horse-Boot, of which the following is a specification.

The present invention appertains to horse boots, and aims to provide a novel and improved device of that character.

It is the object of this invention, to provide a horse boot of unique construction, for application to the leg of a horse, mule or other draft animal, whereby the leg will be braced, the present device being especially adapted to be worn by the animal, when the leg is weak by reason of a sprain, fracture, cut or injury to the tendon, or the like, and the present device also being useful when the animal is subjected to hard usage, such as while racing, hurdling, and the like.

It is also within the scope of the invention, to provide a horse boot of comparatively simple and inexpensive construction, which may be readily applied to the leg of the animal, and which will adapt itself comfortably to the leg for bracing the same, the boot serving its office in an efficient and thoroughly practical manner.

With the foregoing and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed can be made within the scope of what is claimed without departing from the spirit of the invention.

The invention is illustrated in its preferred embodiment in the accompanying drawing, wherein—

Figure 1 is a side elevation of the boot as applied; Fig. 2 is a side elevation looking from the opposite side; and Fig. 3 is an enlarged cross section of the boot taken on the line 3—3 of Fig. 1.

The improved boot comprises a pad 1, which is doubled about a longitudinal line or curved transversely, to properly and comfortably embrace the shank of the leg. The pad 1 preferably comprises a facing or body of leather or similar material, which is lined with felt or other soft compressible material to rest comfortably against the

shank. Thus, the boot is divided or split longitudinally at the rear thereof, since the edges of the pad 1 are spaced apart at the rear of the boot, and whereby the pad 1 may be readily slipped around the shank in applying the boot thereto. The portion of the boot adjacent the lower end thereof is bulged, as at 2, for accommodating the fetlock and coronet of the leg, and the lower end of the boot is contracted, as at 3, to embrace the foot of the leg under the fetlock and coronet.

As a means for holding the boot or pad 1 tightly upon the shank of the leg, between the knee and hoof, a plurality or series of vertically spaced straps 4 have their butt or basal ends stitched or otherwise secured to the outer side of the pad 1, as at 5, adjacent one edge of the pad. The straps 4 extend behind the other edge portion or flap of the pad 1, and thence pass outwardly through slots 6 formed in the pad 1 adjacent the last mentioned edge thereof. The slots 6 are arranged in a vertical series. From the slots 6, the straps 4 extend around the front of the boot or pad 1, and thence extend around the rear of the boot or pad to overlap the butt ends of the straps and the edge portions or flaps of the pad 1.

In order to hold the straps 4 in place upon the front of the boot or pad, an upright or vertical strap or strip 9 of leather or similar material, is secured to the front of the boot or pad, by means of spaced rivets or securing elements 10, which are arranged between the straps 4, and the strap 9 is offset or bulged forwardly between the rivets or securing elements 10, to provide the loops 11 through which the straps 4 are passed. Thus, the straps 4 may be readily drawn through the loops 11 when tightening or loosening the straps, and the loops 11 will support the straps in proper positions.

As a means for fastening the free ends of the straps 4, buckles 12 are carried by doubled straps or pieces 13 which are stitched to the pad 1 between the slots 6 and 8 and the adjacent edge of the pad 1, so that the free portions of the straps 4 may be passed through and engaged by the buckles 12. Loops 14 are secured to the straps or pieces 13 for the passage or reception of the free end portions of the straps 4.

Another strap 15 girdles the boot or pad 1 intermediate the ends thereof, so as to lie between the knee and ankle of the leg,

the strap 15 being relatively wider and thicker than the straps 4, and passing through the corresponding loop 11, in order that it will be supported in proper position. One end of the strap 15 carries a buckle for the engagement of the other end of the strap 15, whereby the strap 15 may be tightened and loosened.

An upright metallic or equivalent brace 17 passes along the rear portion of the boot, between the strap 15 and the boot, and the upper end of the brace or stay 17 is attached to a strap or band 18 for girdling or embracing the leg above the knee, while the lower end portion of the brace or stay 17 is bent angularly under the hoof of the leg, as at 19. Thus, the strap 15 will hold the brace or stay 17 snugly against the shank at one side of the tendon, and the strap or band 18 will hold the upper end of the brace or stay against the leg, in order that the leg will be properly supported, even though weak or broken. The brace or stay 17 may be readily removed by removing the strap or band 18, and releasing the strap 15, and the brace or stay 17 need only be applied to the leg when necessary, since the boot proper can be worn independent of the brace.

When the straps 4 and 15 are loosened or opened, the boot may be readily slipped onto the shank of the leg, and the straps 4 may then be tightened, one at a time, to cause the boot or pad to properly embrace the shank, and to brace or stiffen the same. The lowermost strap 4 embraces the lower end portion of the boot or pad below the bulged portion 2, so as to lie between the hoof and the fetlock and coronet, whereby the boot will properly embrace the ankle for protecting the same. It is evident that the boot is adjustable to accommodate various sizes or forms of shanks, and will brace the leg of the animal for the intended purposes.

Having thus described the invention, what is claimed as new is:—

1. A device of the character described

comprising a transversely curved pad having slots adjacent one edge thereof, straps attached to the pad adjacent the other edge thereof, the straps passing behind the first mentioned edge of the pad, thence through the said slots and thence around the pad, and buckles attached to the pad between the said slots and first mentioned edge thereof and adapted for the engagement of the free portions of the straps.

2. A device of the character described, comprising a transversely curved pad having slots adjacent one edge thereof, straps attached to the pad adjacent the other edge thereof, the straps passing behind the first mentioned edge of the pad, thence through the said slots and thence around the pad, buckles attached to the pad between the said slots and first mentioned edge thereof and adapted for the engagement of the free portions of the straps, and loops carried by the pad between the edges thereof and through which the said straps are passed.

3. A device of the character described, comprising a transversely curved pad having slots adjacent one edge thereof, straps attached to the pad adjacent the other edge thereof, the straps passing behind the first mentioned edge of the pad, thence through the said slots and thence around the pad, buckles attached to the pad between the said slots and first mentioned edge thereof and adapted for the engagement of the free portions of the straps, and a longitudinal strap secured to the pad between the aforesaid straps and between the edges of the pad, and having offset portions forming loops through which the said straps are passed.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

ALLEN RICHARDSON.

Witnesses:

W. B. THOMPSON,
S. HAYNE.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."