

(No Model.)

W. H. OSMER.
HORSE BOOT.

No. 421,964.

Patented Feb. 25, 1890.

Fig. 1

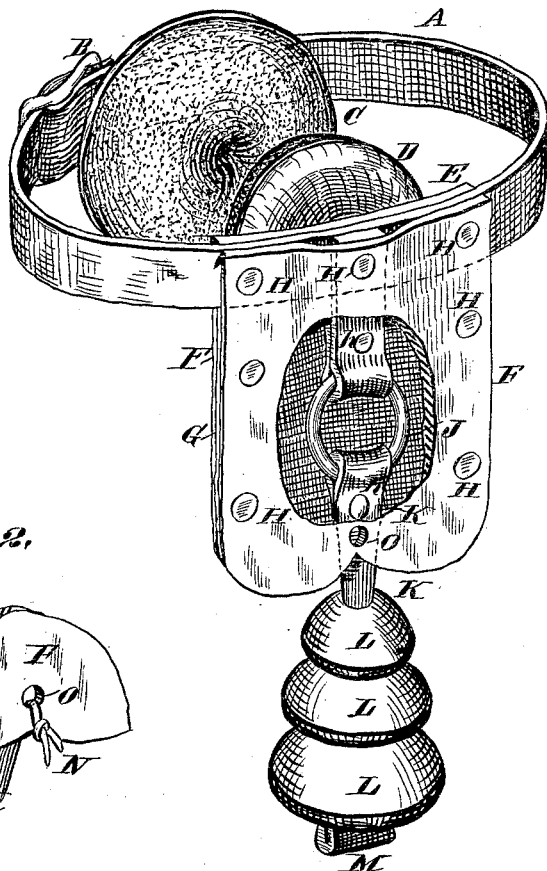


Fig. 2,

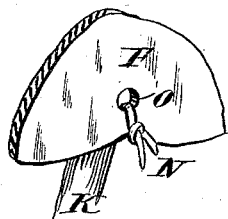


Fig. 3,

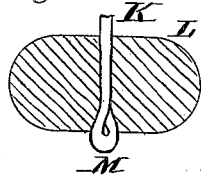


Fig. 3,

Fig. 4,



Attest,

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Inventor,

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UNITED STATES PATENT OFFICE.

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HORSE-BOOT.

SPECIFICATION forming part of Letters Patent No. 421,964, dated February 25, 1890.

Application filed October 14, 1889. Serial No. 327,003. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. OSMER, a citizen of the United States, residing at St. Louis, in the State of Missouri, have invented a new and useful Interfering-Boot for Horses, of which the following is a specification.

My invention relates to an interfering-boot for horses, having a fixed intermediate section connecting the band or strap encircling the leg of the horse with a suspensory or pendant, also having a shield or housing for said fixed section and the ring or link-joint connecting the fixed section with the pendant, and, further, to a pendant composed of a series of rolls threaded upon a cord or strap having its free end thickened to prevent said rolls from slipping off the same.

The object of my present invention is, first, to provide a neat, shapely, and durable interfering-boot for horses, and, second, to so construct an interfering-boot that it may be adjusted to suit all requirements, and at the same time interchangeable for either foot of the horse.

To enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, reference being had to the accompanying drawings, in which—

Figure 1 is a perspective view of my improved interfering-boot. Fig. 2 is a detail view showing adjusting-lace and lace-holes in lower part of shield. Fig. 3 is a view in section of the lower pendant-roll, showing one plan of thickening the strap or cord upon which the pendant-rolls are threaded to prevent them from slipping off. Fig. 4 is a horizontal section through the shield or housing on the line of the ring-joint. Fig. 5 is a vertical section through the shield, showing the connection to the ring-joint of the fixed intermediate section and the pendant.

Similar letters indicate similar parts throughout the several views.

A represents a strap or band adapted to be buckled, as at B, or otherwise connected together when encircling the leg of a horse. This band is provided upon its inner side with one or more small cushions or pads C and D, which may be fastened directly to the band A by riveting, stitching, or otherwise.

E represents the inside and F the outside

parts of the shield or housing, part of the latter being broken away in Fig. 1 to show the manner of securing the fixed connecting-section I and pendant-strap K to the ring-joint J. (See also Fig. 5.) This shield may be made of leather, cloth, rubber, or any other suitable material. It will be observed that this shield or housing, which envelops the joint-connections, thereby preventing abrasion of the other feet by contact therewith, forms an elongated slot at its lower edge, (see Fig. 5,) which serves to prevent the pendant or idler from swinging or jerking outward or whipping about too freely when in use, which rapidly destroys the device, besides tending to impede the progress of the horse by causing him to "straddle" or spread unnaturally in avoiding collision therewith. It further serves as a guide, allowing a longitudinal swinging motion of the pendant, which protects the affected parts and prevents further interference. By providing this slot with the lace-hole O and the lace N the pendant may be adjusted to drop from the center or either end of the slot. (See Fig. 2.) This arrangement makes the boot interchangeable for either foot of the horse, as the pendant may be so adjusted as to protect an abrasion upon any particular part of the foot from interruption or interference by merely placing the pendant at the part of the slot desired and lacing the edges together.

The importance of the fixed connecting-section I is shown in the fact that it materially shortens the pendant or idler, (the range and swing of which is objectionable for the reasons hereinbefore stated,) and, further, that this fixed connecting section, while affording the necessary protection where used, confines the range of prevention and protection afforded by the pendant in the exact parts where the same is required.

G represents a strip of any suitable material inserted along the edges of the parts E and F, which holds the same apart, thus creating a chamber or open space in which the housed or covered parts may move easily.

L, Fig. 3, represents the bottom roll or section of the pendant or idler, through which is threaded the strap or cord K, which at its lower end M is thickened to prevent the rolls or sections L of the pendant from slipping off

the strap K. In this instance the end M is thickened by folding the end of the strap upon itself, although the end of the strap or cord may be knotted or have pieces of metal or other material attached to its lower end for this purpose without departing from the spirit of my invention.

In all cases where rivets are shown the parts may be stitched or otherwise secured together in any suitable manner; and it is to be understood further that I am not to limit or confine myself to any particular or precise manner of constructing my improved interfering-boot so long as the same constitutes substantially the device herein shown and described.

What I claim, and desire to secure by Letters Patent, is—

1. In an interfering-boot for horses, having a band encircling the leg and a right-angle connecting part or pendant, a housing forming a slot at its lower edge provided with a lace-hole and lace, whereby the pendant issuing therefrom may be adjusted and secured in a fixed or given position, all substantially as described.

2. In an interfering-boot for horses, the combination, with the band A, of the fixed connecting-section I, housing E F, joint J, and pendant L, all substantially as and for the purposes set forth and described.

WM. H. OSMER.

Attest:

A. C. HICKMAN,
THOS. F. FARRELL.