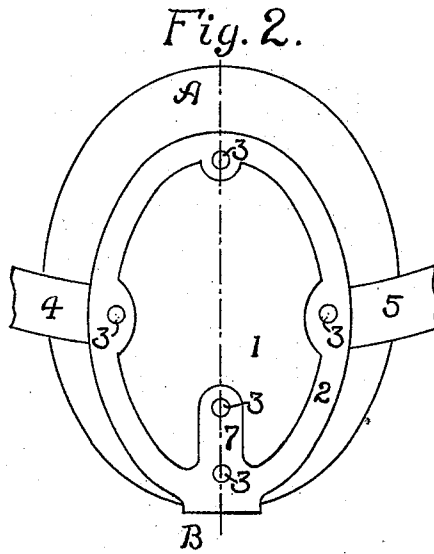
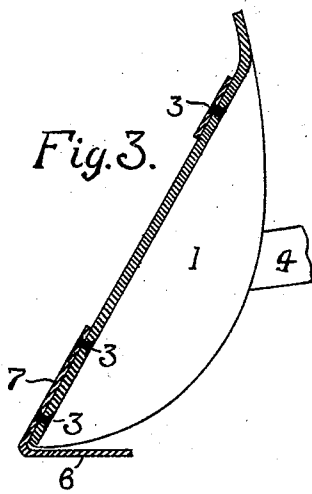
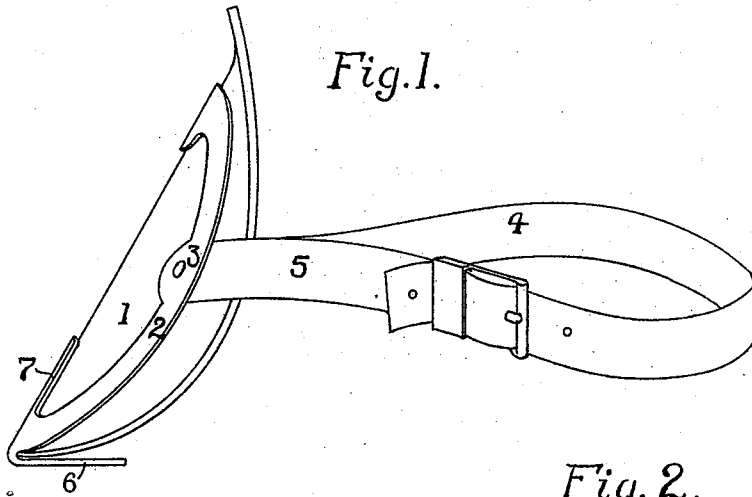


(No Model.)

J. DUFFY.
HORSE BOOT.

No. 528,249.

Patented Oct. 30, 1894.



Witnesses
John Patterson
J A Kautz

Inventor
Joseph Duffy

UNITED STATES PATENT OFFICE.

JOSEPH DUFFY, OF TERRE HAUTE, INDIANA.

HORSE-BOOT.

SPECIFICATION forming part of Letters Patent No. 528,249, dated October 30, 1894.

Application filed January 4, 1894. Serial No. 495,658. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH DUFFY, residing at Terre Haute, in the county of Vigo and State of Indiana, have invented a new and useful Horse-Boot, known as a Scalper, of which the following is a specification.

My invention relates to improvements in a scalping boot for wet and muddy weather and for jogging horses, by affixing to the leather, felt or other substance of the boot an oval or other properly shaped piece of metal or other non-wearing substance, by means of rivets or other secure fastening; and the objects of my improvements are, first, it protects the toe of the hind foot and prevents the leather, felt or other substance of the boot at the toe from wearing away, by the metal or other non-wearing substance that is fastened to the boot receiving the blow from the front foot; second, the oval or other properly shaped metal or other non-wearing substance fastened to the boot allows the size of the leather, felt or other substance in the boot to be reduced as it holds the leather, felt or other substance upright and firmly in its position; third, the boot being reduced in size and fitted snugly to the foot prevents the accumulation of sand and dirt between the hoof and boot; fourth, the spur of the boot being at the toe, sand and dirt cannot, at that point work up between the boot and hoof; and, fifth, it is much more easily fastened to the foot. I attain these objects by making the boot as follows, illustrated by the accompanying drawings.

Figure 1 is a side view of the scalper complete. Fig. 2 is a front view of the scalper with the straps broken off. Fig. 3 is a vertical section of the scalper on the line A. B. in Fig. 2.

Similar numbers refer to similar parts throughout the several views.

1 is made of leather, felt or other substance as shown in Figs. 1 and 2.

2 is an oval or other properly shaped piece of metal or other non-wearing substance, and fastened to the leather, felt or other substance 1 by means of rivets or other secure fastenings at the points 3.

4 and 5 are rawhide straps, fastened to 1, by any secure means, extending around the hoof and with the spur 6 holding the boot in position.

6, as shown in Figs. 1 and 3, is a spur that is a part of 2 and at the toe of the foot passes between the hoof and shoe in a space made in the hoof for that purpose and helps keep the boot firmly in position and prevents it from slipping up or around the hoof.

7, as shown in Figs. 1 and 2, is an extension of 6 up and around the toe of the foot on the line A. B. in Fig. 2 and is made for the purpose of receiving the blow from the front foot and prevents the leather, &c., of 1 from wearing away at that point.

I am aware that horse boots made of leather or other flexible substance and attached to the hoof by means of straps and spurs have been in use prior to my invention. I am also aware that a combination of leather and metal for use as a bandage in the case of cracked hoofs has been patented. The metal covering in the patent bandage is not designed as a wear plate and is entirely useless on a horse boot for track purposes. In my improved boot the wear plate is light covering only the more exposed parts of the boots and having its lower part extended so as to form the spur, thus making the boot stronger and of fewer parts.

In view of the above I do not claim broadly the combination in a horse boot of leather or other flexible substance and sheet metal covering, but

What I do claim as my invention, and desire to secure by Letters Patent, is—

In a horse boot the combination with a leather or other flexible shield of a wear plate fixed thereto and a spur forming an integral part of said plate adapted to be inserted between the hoof and shoe, substantially as set forth.

JOSEPH DUFFY.

Witnesses:

JNO. L. PATTERSON,
T. A. NANTZ.