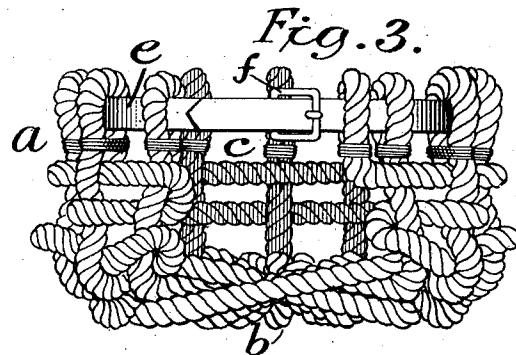
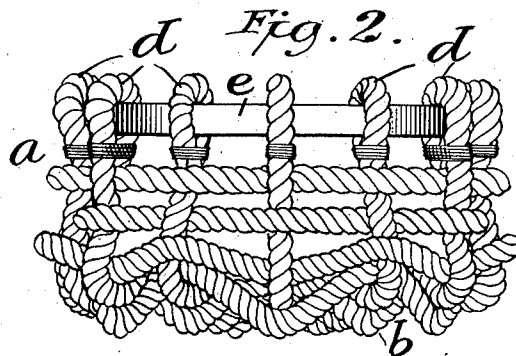
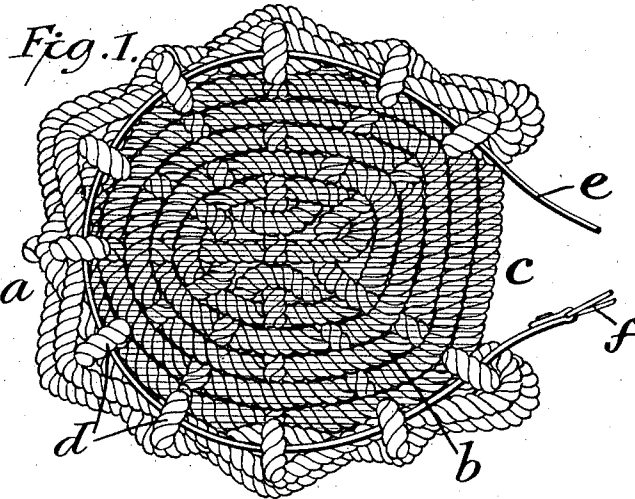


S. M. BEHRENS.
 ANTISLIPPING BOOT FOR HORSES.
 APPLICATION FILED JAN. 10, 1912.

1,044,432.

Patented Nov. 12, 1912.



WITNESSES
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UNITED STATES PATENT OFFICE.

SOPHIA M. BEHRENS, OF HARTSDALE, NEW YORK.

ANTISLIPPING BOOT FOR HORSES.

1,044,432.

Specification of Letters Patent.

Patented Nov. 12, 1912.

Application filed January 10, 1912. Serial No. 670,384.

To all whom it may concern:

Be it known that I, SOPHIA M. BEHRENS, a citizen of the United States, and residing at Hartsdale, in the county of Westchester and State of New York, have invented certain new and useful Improvements in Anti-slipping Boots for Horses, of which the following is a specification, such as will enable those skilled in the art to which it appertains to make and use the same.

This invention relates to devices for preventing horses from slipping on frozen or icy roads or pavements, and the object thereof is to provide an improved device of this class which will also serve as a cushion to protect the bottom of the foot and prevent injury thereof.

The invention is designed in the form of a basket, and for use as an over-shoe or boot into which a horse's foot may be inserted, and which may be securely attached to, or secured to, the foot.

The said device is woven or braided from ropes, cords or the like of sea-grass or other suitable fibrous material, and in such manner that the top portion thereof is of more or less open work, and flexible and expandible while the bottom thereof is formed into a closely woven cushion of radial and concentric parts, said device serving to prevent a horse from slipping, while also serving to cushion the bottom of the foot and to protect the same from injury.

The invention is fully disclosed in the following specification, of which the accompanying drawing forms a part, in which the separate parts of my improvement are designated by suitable reference characters in each of the views, and in which:—

Figure 1 is a plan view of my improved anti-slip and cushion device for horses:— Fig. 2, a front view, and, Fig. 3, a back view thereof.

In the practice of my invention I provide a device of the class specified comprising a body portion *a* and bottom *b*, the body portion being preferably open at the back as shown at *c*.

The device is composed of ropes or cords of fibrous material interwoven to form a compact bottom consisting of interlooped concentric and radial strands as clearly shown, and the top or body portion thereof is formed by horizontal and vertically ar-

anged strands of the rope or cord, and is much more open than the bottom, and the tops of the vertically arranged strands or cords are provided with loops *d* through which is passed a strap *e* the ends of which are preferably connected at the back by means of a buckle *f*, but the ends of said strap may be connected at any point and in any manner.

In the use of this device it is applied to the foot of the horse, or the foot of the horse is inserted therein, and the strap *e* is drawn tightly around the top portion of the hoof and secured so as to firmly hold the device on the foot, and the loosely woven top portion permits of the expansion and contraction thereof and facilitates the operation of placing the device on the foot and removing it therefrom.

The back opening *c* in the top portion of the boot is not absolutely necessary and may or may not be employed.

I am aware that devices of this class having the same general form have heretofore been used, but by making my improved anti-slip and cushion boot of fibrous cords, or ropes or strands and forming the same in the manner shown and described I produce an article of this class which will operate perfectly as an anti-slip device, and which will also cushion the foot and prevent injury to the bottom thereof.

Having fully described my invention what I claim as new and desire to secure by Letters Patent is:—

1. An anti-slipping and cushion boot for horses adapted to inclose the hoof and to be secured thereto, said boot being made in the form of a basket and being composed of fibrous cords, and the top part thereof being loosely woven and being flexible and expandible and the bottom thereof being composed of concentric and radial strands or cords closely woven to form a pad to prevent slipping and to protect the bottom of the foot.

2. An anti-slipping and cushion boot for horses adapted to inclose the hoof, said boot being made in the form of a basket and being composed of fibrous cords, and the top part thereof being loosely woven and flexible and expandible, and the bottom thereof being composed of concentric and radial strands of cord closely woven to form a pad to prevent slipping and to protect the bot-

tom of the foot, the back portion of the top
part of the boot being open and said top
part of the boot being provided with loops
and a strap passed through said loops for
5 securing the boot to the foot.

In testimony that I claim the foregoing
as my invention I have signed my name in

presence of the subscribing witnesses this
9th day of January 1912.

SOPHIA M. BEHRENS.

Witnesses:

C. E. MULREANY,
A. C. STARCK.

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