

Jan. 1, 1924

1,479,000

J. D. KELLER

TENDON BANDAGE BOOT

Filed Oct. 26, 1921

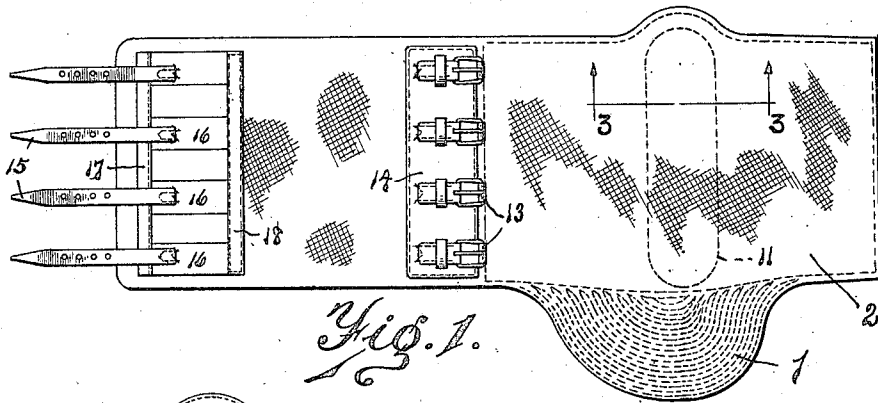


Fig. 1.

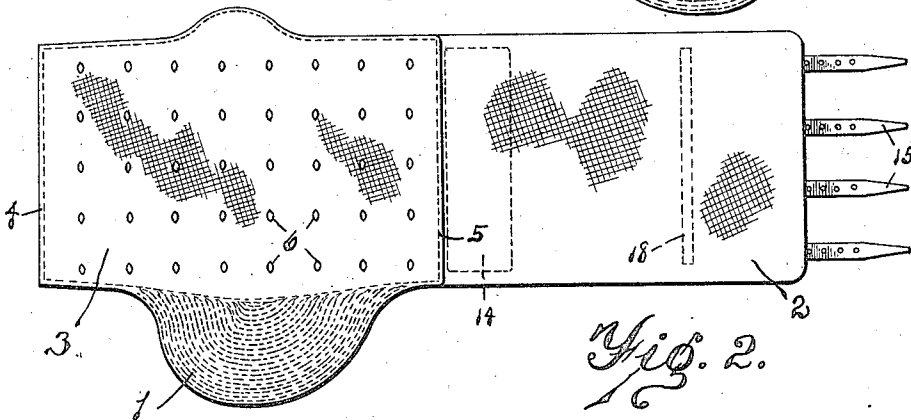


Fig. 2.

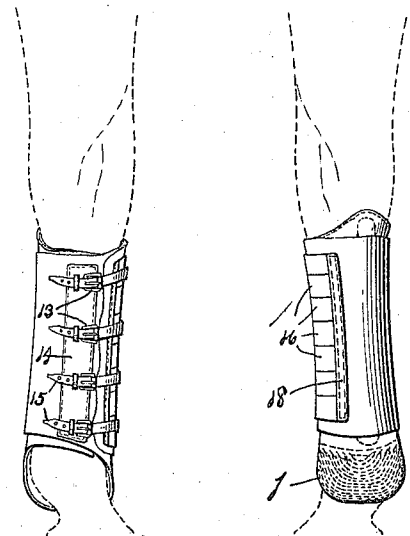


Fig. 4.

Fig. 5.

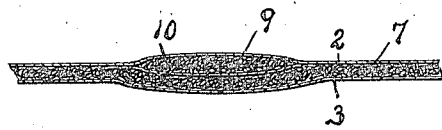


Fig. 3.

INVENTOR.
James D. Keller
BY
Edward N. Pagelien
ATTORNEY.

UNITED STATES PATENT OFFICE.

JAMES D. KELLER, OF DETROIT, MICHIGAN.

TENDON BANDAGE BOOT.

Application filed October 26, 1921. Serial No. 510,630.

To all whom it may concern:

Be it known that I, JAMES D. KELLER, a citizen of the United States, and residing at Detroit, in the county of Wayne and State of Michigan, have invented a new and Improved Tendon Bandage Boot, of which the following is a specification.

This invention relates to devices for protecting and reinforcing the legs of horses, particularly harness horses, to support the tendons and prevent them from springing during races and while the horses are being shipped, and its object is to provide a combined bandage and boot which may be padded with cotton batting or other cushioning material as may be found necessary for the individual animals.

In the accompanying drawing, Fig. 1 is an outside view and Fig. 2 is an inside view of this improved bandage-boot. Fig. 3 is a section on the line 3—3 of Fig. 1. Fig. 4 is an outside and Fig. 5 an inside elevation of this bandage-boot when rolled in proper form on a horse's leg.

Similar reference characters refer to like parts throughout the several views.

The bandage-boot shown in the drawing is preferably of sufficient length to pass twice around the shin of the horse and is preferably formed with a substantially semi-circular quilted tab 1 adapted to extend over the ankle joint. The bandage-boot is shown formed of a full length piece 2 of fabric adapted to extend twice around the shin of the horse and a shorter piece 3 which is attached to the main portion 2 along its top and bottom edges, and, if desired, along the side edges 4 and 5, although either or both of these vertical seams may be omitted.

The part 3 is preferably about one half the length of the main portion 2 and one of these parts, preferably the part 3, is formed with holes 6 to permit ventilation. The pocket between these two parts 2 and 3 contains a layer 7 of cotton batting or similar cushioning material which can easily be replaced when foul through an open end of the pocket. The thickness of this cushion may be varied as found necessary. Instead of

fabric, the parts 2 and 3 may be made of soft leather.

An additional cushioning member or pad for this bandage-boot is shown in alinement with the quilted pad 1 in the form of a strip of felt 9, held in place by a patch 10 which is secured by the stitches 11 shown in Fig. 1. The buckles 13 are secured to the strip 14 of leather or other strong flexible material which is attached to the bandage. The straps 15 are attached to alternate pieces 16 of elastic webbing whose ends are connected by the tapes 17 and 18 of leather or other suitable material, the latter being sewed to the main body 2 of the bandage-boot.

When properly adjusted and strapped to the leg of the animal, this bandage-boot fits closely and evenly by reason of the cushion between the two layers 2 and 3 of fabric and any uneven tension on the straps 15 is provided for by the elastic webbing 16.

The pad 1 may be omitted if desired and the number of straps, the design of the pad, and the details and proportions of this bandage-boot may all be changed by those skilled in the art without departing from the spirit of my invention as set forth in the following claim. Thus, instead of using the straps 15, this appliance may be attached by laces, heavy safety pins or rubber bands, all of which methods are well known. While this particular device is intended for horses, it can easily be adapted for holding in place the tendons and muscles of the arms and legs of human beings, particularly ball players and other athletes.

I claim:—

A bandage-boot adapted to extend substantially twice around a limb, one half of the bandage-boot being of two thicknesses of soft flexible material with a cushion between them adapted to extend entirely around the limb, the longitudinal edges of said soft materials being sewed together to prevent the cushion from shifting, the inner thickness being perforated for ventilation, said inner half of the bandage-boot being formed with a downwardly extending pad.

JAMES D. KELLER.