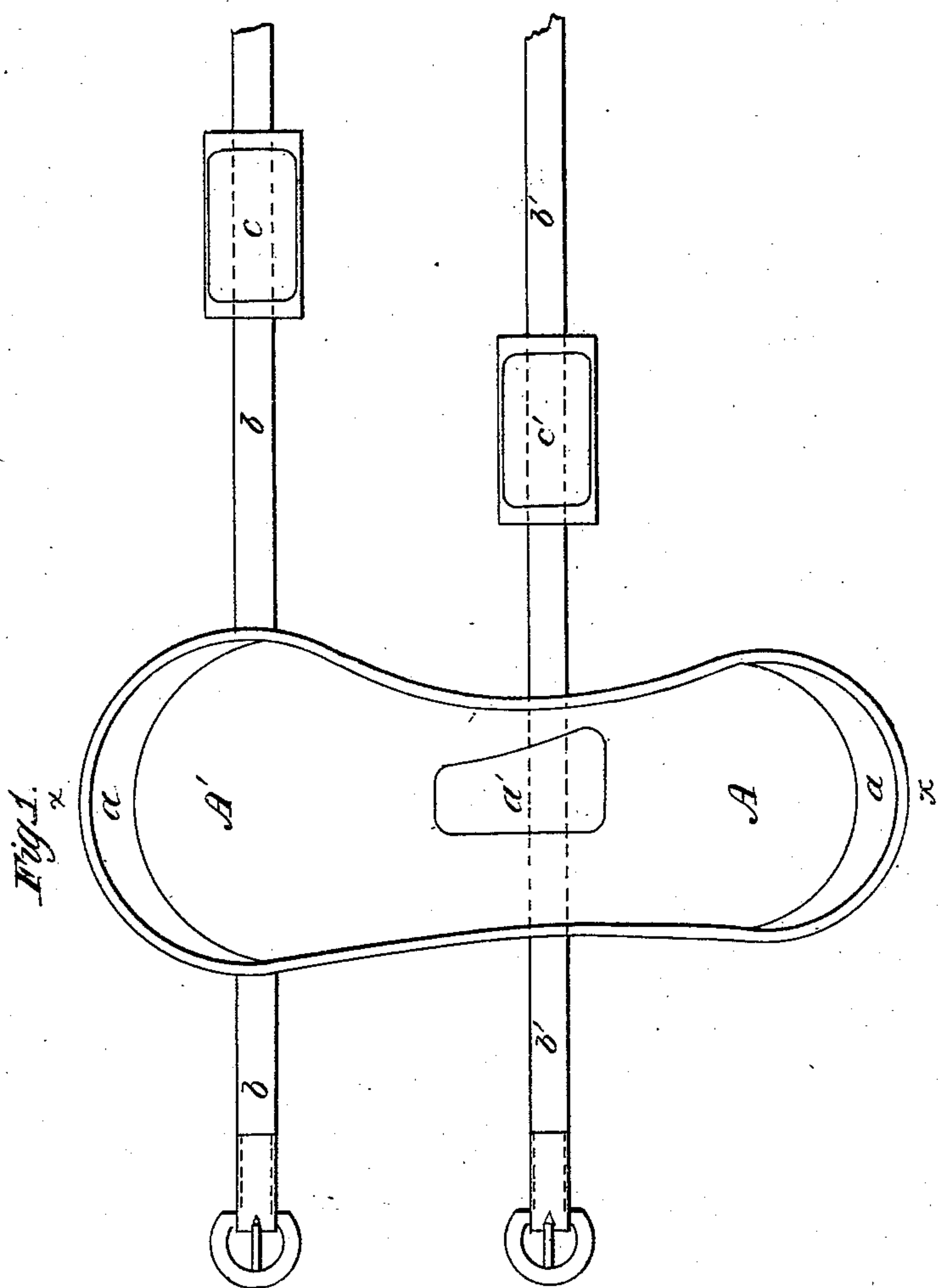
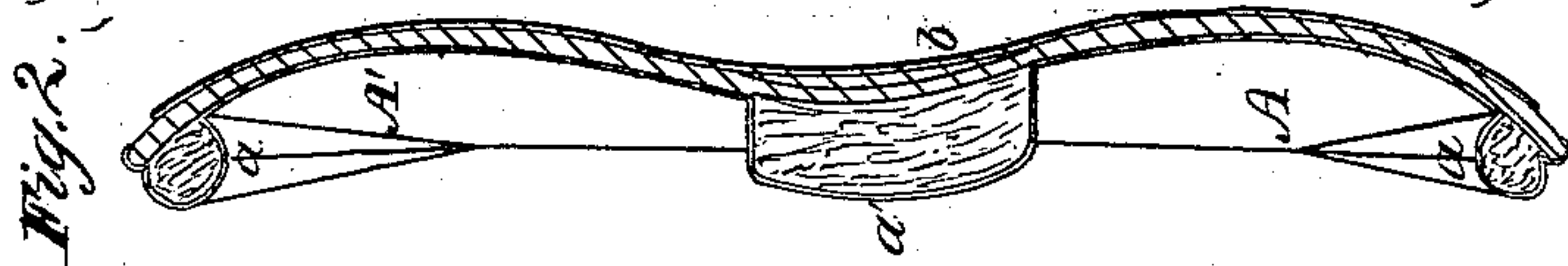


*J. Finlay,
Horse Boots.*

N^o 84,813.

Patented Dec. 8, 1868.



*Witnesses
A. Lellere
A. Kinnier*

*Inventor
James Finlay*



JAMES FINLAY, OF NEW YORK, N. Y.

Letters Patent No. 84,813, dated December 8, 1868.

IMPROVED KNEE-BOOT FOR HORSES.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, JAMES FINLAY, of the city, county, and State of New York, have invented a new and improved Knee-Boot for Horses; and I hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification, in which—

Figure 1 represents an inner-side view of a knee-boot for horses, constructed according to my improvement, and

Figure 2, a longitudinal section of the same, taken through the line *x x*.

Similar letters of reference indicate corresponding parts in both figures.

The object of this invention is to provide for the more effectual protection of the legs of horses against injury by interference; and

The invention consists in the arrangement, upon a knee-boot, of fixed and sliding pads, whereby the boot may be applied with more satisfactory results; and

It furthermore consists in the extension or elongation of the boot above the knee, whereby protection is given to the upper part of the leg as well as the knee.

In order that others may understand the construction and operation of my invention, I will proceed to describe it with reference to the drawings.

A represents the boot, constructed of leather or other suitable material, and formed after the ordinary manner of knee-boots, except that it is of an elongated formation, so that it will extend sufficiently above the knee for the protection of the upper part of the leg as well as the knee.

This boot has provided, upon the central portion and extremities of its inner surface, pads, *a a' a*, for preventing the boot from touching the leg, thereby to assist in relieving the leg of the concussion of the blow from the interfering hoof.

b b' are straps, transversely arranged upon the boot, for securing the same, by means of buckles or otherwise, to the leg, and are or may be made to slide through suitable loops upon the outside of the boot A,

for adjustment of the buckles in such position upon the leg as not to inflict injury or impart pain thereto.

Upon these straps *b b'* are provided pads, *c c'*, which are susceptible of adjustment by sliding along the said straps, for application of the boot to legs of different sizes.

In the operation of this invention, the boot or shield A is placed upon the leg liable to injury, in such manner that the inner or concave surface of the smaller end A will fit upon the convexity of the inner side of the knee-joint, while the larger end A' will extend higher up the leg, for the protection of that portion of the leg above the knee. When the boot is thus applied to the leg, the central pad *a'* will fit within a naturally-formed cavity on the inner side of the leg above the knee, to serve as a security against the displacement or turning of the boot upon the leg. The pad *c* is adjusted upon the strap *b*, so as to come opposite to and fit in a corresponding naturally-formed cavity upon the outer side of the leg, to further assist in preventing the boot from turning. The buckling of the strap *b'* will confine the lower and central portion of the boot, while a similar adjustment of the pad *c* and buckling of the strap *b* will secure the upper part thereof.

This boot may be made equally applicable to either leg by constructing it with its upper and lower portions, A A', of uniform size, and the strap *b* so arranged as to be easily shifted from one portion to the other, and to operate alike upon either.

What I claim as my invention, and desire to have secured by Letters Patent, is—

1. The knee-boot A, constructed and provided, as described, with fixed pads *a a' a*, and adjustable pads *c c'*, to slide upon fixed or sliding straps *b b'*, substantially as herein specified.

2. A knee-boot, constructed with upward projection A', for protection of the knee, and the leg above the knee, substantially as herein described.

Witnesses:

A. LE CLERC,
A. KINNIER.

JAS. FINLAY.