No. 823,504. PATENTED JUNE 19, 1906.

M. T. BRANSFIELD.

PACING DEVICE FOR HORSES.

APPLICATION FILED AUG. 28, 1905.

Fig. 1.

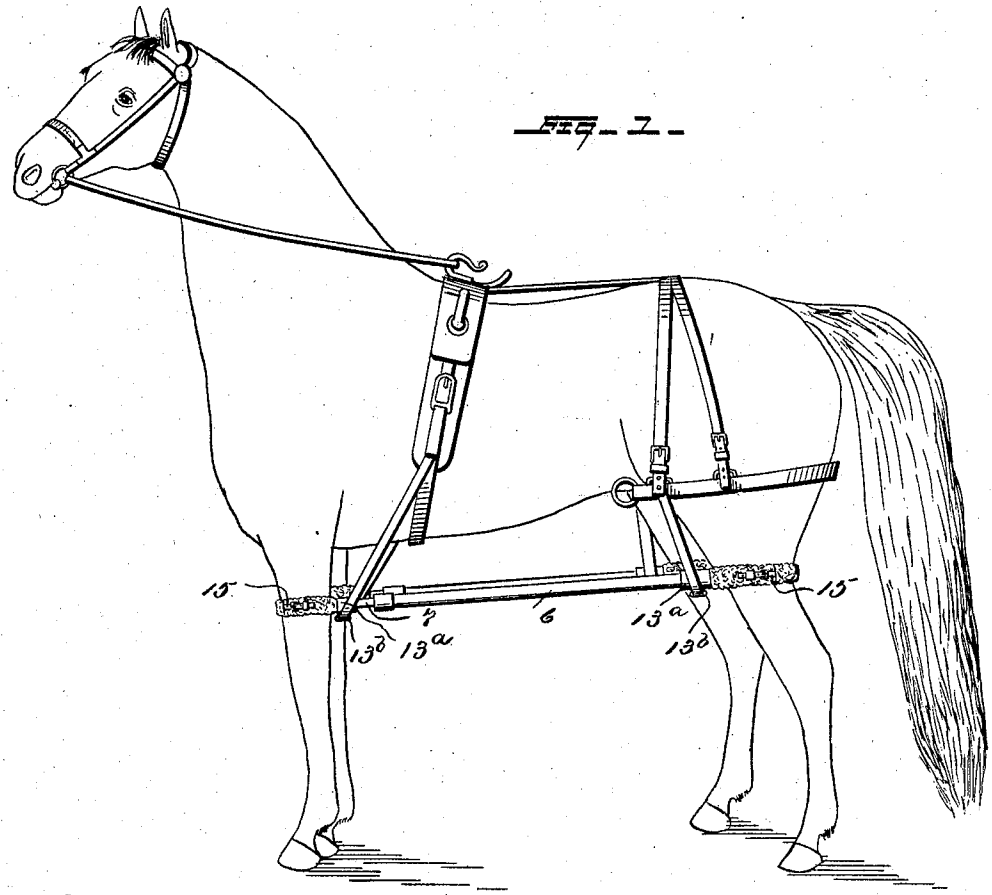


Fig. 2.

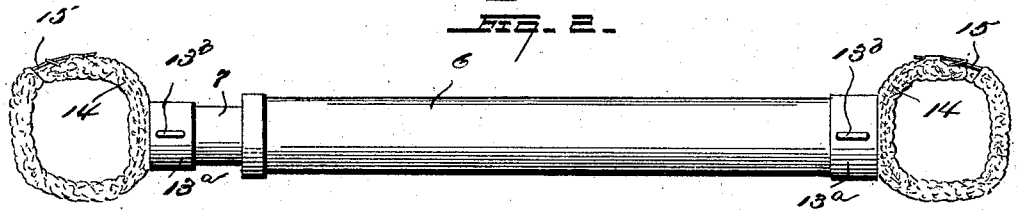
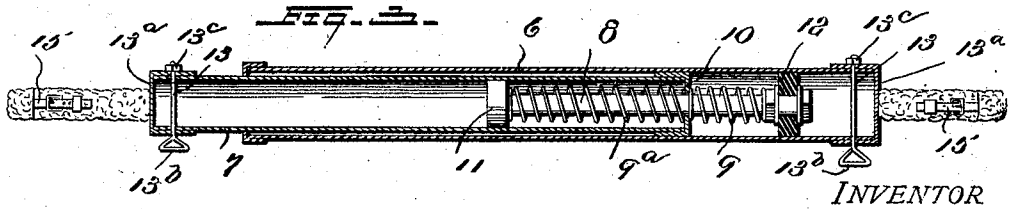


Fig. 3.



INVENTOR

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MICHAEL T. BRANSFIELD, OF CHICAGO, ILLINOIS.

PACING DEVICE FOR HORSES.

No. 823,504. Specification of Letters Patent. Patented June 19, 1906.

Application filed August 28, 1905. Serial No. 276,053.

To all whom it may concern:

Be it known that I, MICHAEL T. BRANSFIELD, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented new and useful Improvements in Pacing Devices for Horses, of which the following is a specification.

This invention is a device for teaching horses to pace and for preventing pacing horses from breaking.

The object of the invention is to form an improved device of the kind characterized particularly by telescoping tubes, which are rigid enough to cause the legs of the horse to move in unison on each side, but which tubes are provided with a spring, so that they will yield enough not to injure or throw the horse in case he begins to break.

In the accompanying drawings, Figure 1 is a view showing the device applied to an animal. Fig. 2 is a plan of the device removed from the animal, and Fig. 3 is a longitudinal section thereof.

Referring specifically to the drawings, 6 indicates an outer tube, and 7 an inner tube, within which is a bolt 8, on which are coiled springs 9 and 9^a, these springs being supported by the cap 10 on the end of the inner tube 7, said cap having a center opening for the bolt 8 to work through. The head 11 of the bolt fits snugly within the inner tube 7, and at the other end the bolt has a rubber head or gasket 12, which fits the outer tube at a snug fit and is designed by its friction to prevent too free movement of the bolt.

At 13 are indicated pins by which the caps 13^a are held on the ends of the tubes, and these pins have loops 13^b to receive the straps by which the device is hung upon the animal. To these caps are attached padded straps 15, which extend around the legs of the horse, and these straps are stiffened by curved metal pieces 14, located within the same and shaped to fit the horse's legs to hold the tubes in line with the connected front and hind legs on each side. The pins 13 are threaded and have nuts 13^c to hold them in place.

In use the devices having been placed on the horse the front and hind leg on each side are caused to move in unison; but the springs will take up any shock or jar incident to a sudden break or misstep.

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

1. A device of the kind stated comprising telescopic tubes with a spring therebetween, arranged to cushion the movement of the respective tubes and having leg-straps at the outer ends of the tubes.

2. A pacing device for horses, comprising telescopic tubes having leg-straps at their outer ends, a bolt within the tubes having heads which fit snugly therein, and springs coiled around the bolt, between the tubes, to cushion the telescoping action thereof.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

MICHAEL T. BRANSFIELD.

Witnesses:
CLARA PROSCHE,
H. G. BATCHELOR.