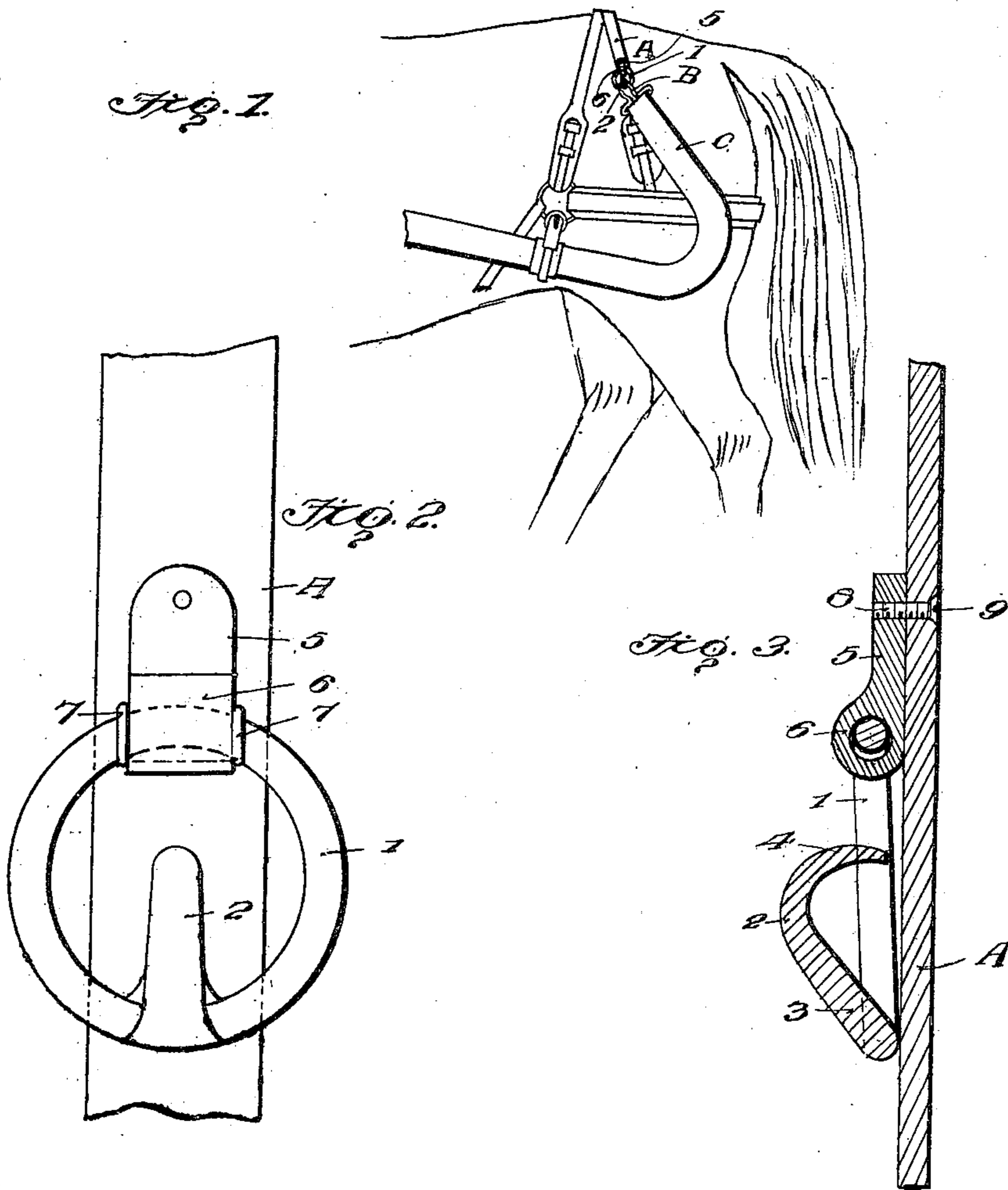


R. W. BROOKS.  
TRACE CARRIER.  
APPLICATION FILED FEB. 11, 1908.

922,384.

Patented May 18, 1909.



Witnesses  
*W. H. Hoodson*

Inventor  
*R. W. Brooks.*

By *W. H. Hoodson*, Attorneys

# UNITED STATES PATENT OFFICE.

REGINALD W. BROOKS, OF DENVER, COLORADO.

## TRACE-CARRIER.

No. 922,384.

Specification of Letters Patent.

Patented May 18, 1909.

Application filed February 11, 1908. Serial No. 415,380.

*To all whom it may concern:*

Be it known that I, REGINALD W. BROOKS, citizen of the United States, residing at Denver, in the county of Denver and State of Colorado, have invented certain new and useful Improvements in Trace-Carriers, of which the following is a specification.

This invention contemplates certain new and useful improvements in trace carriers and the object of the invention is a simple, durable and efficient construction of an improved trace carrier which may be readily attached at any desired point to a hip-strap or the like of the harness, and which is arranged to effectually engage the cockeye of the trace and hold it securely from accidental disconnection no matter what position the harness assumes. And a further object of the invention is a device of the character described which relieves the hip-strap of wear, which will not catch the reins and which will prevent the horse's tail from becoming tangled or caught therein.

With these and other objects in view that more fully appear as the description proceeds the invention consists in certain constructions and arrangements of parts that I shall hereinafter fully describe and claim.

For a full understanding of the invention and the merits thereof, reference is to be had to the following description and the accompanying drawing, in which:

Figure 1 is a view illustrating the use of my improved trace carrier. Fig. 2 is a front elevation thereof. Fig. 3 is a vertical section.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawing by the same reference characters.

One of my improved trace carriers is designed to be attached to each hip-strap A of the harness and to be engaged by the cockeye B of each trace C in order to support the latter, but it is to be understood that if desired the device may be attached to any other suitable or convenient portion of the harness.

My improved trace carrier embodies a frame 1 which in the present instance is in the form of a ring and a hook 2 formed at the lower end of the frame, said hook being inclined upwardly and outwardly as shown at 3 and having its upper end or terminal disposed sharply inwardly as indicated at 4, and extending substantially through the frame and to the outer side of the hip-strap A.

The upper end of the frame 1 is pivotally

connected to an attaching member 5, the hook 2 being in alinement with said attaching member, as shown. The attaching member is formed at its lower end with a transversely extending sleeve 6 of greater bore than the diameter of the material forming the frame and the upper end of the frame is journaled in said sleeve and is prevented from moving longitudinally therein by two collars 7 formed on the frame at each end of such sleeve.

In one form of the invention the attaching member 5 has a threaded aperture 8 extending inwardly therethrough and is secured to the hip-strap A by a screw 9 passing through said strap and operatively engaging the threads of the aperture 8.

In the practical use of my improved trace carrier, the hook 2 thereof is engaged by the cockeye B of the adjacent trace C and serves to support the trace to prevent its becoming entangled in the horse's feet and tripping the animal.

It will be noted that by the pivot connection of the frame to the attaching member, the reins may be readily removed from beneath the frame in case they should become accidentally lodged thereunder, by giving said reins a jerk to swing such frame upwardly. It will also be noted that when the cockeye is engaged with the hook it will bear entirely against the latter and the frame, and will thus be prevented from rubbing the hip-strap to mar or weaken the same.

Having thus described the invention, what I claim is:

A trace carrier comprising an attaching member 5 formed at its upper end with a threaded aperture and at its lower end with a transverse sleeve, an attaching screw engaged in the threaded aperture and adapted to detachably secure the attaching member to the hip strap, and an annular frame 1 journaled at its upper end in the sleeve and formed in its lower end with an inwardly facing hook, the frame being formed in close proximity to the opposite ends of the sleeve with collars adapted to hold the hook in alinement with the attaching member.

In testimony whereof I affix my signature in presence of two witnesses.

REGINALD W. BROOKS. [L. s.]

Witnesses:

JACOB J. ELLIOTT,

RAYMOND A. BARNES.