

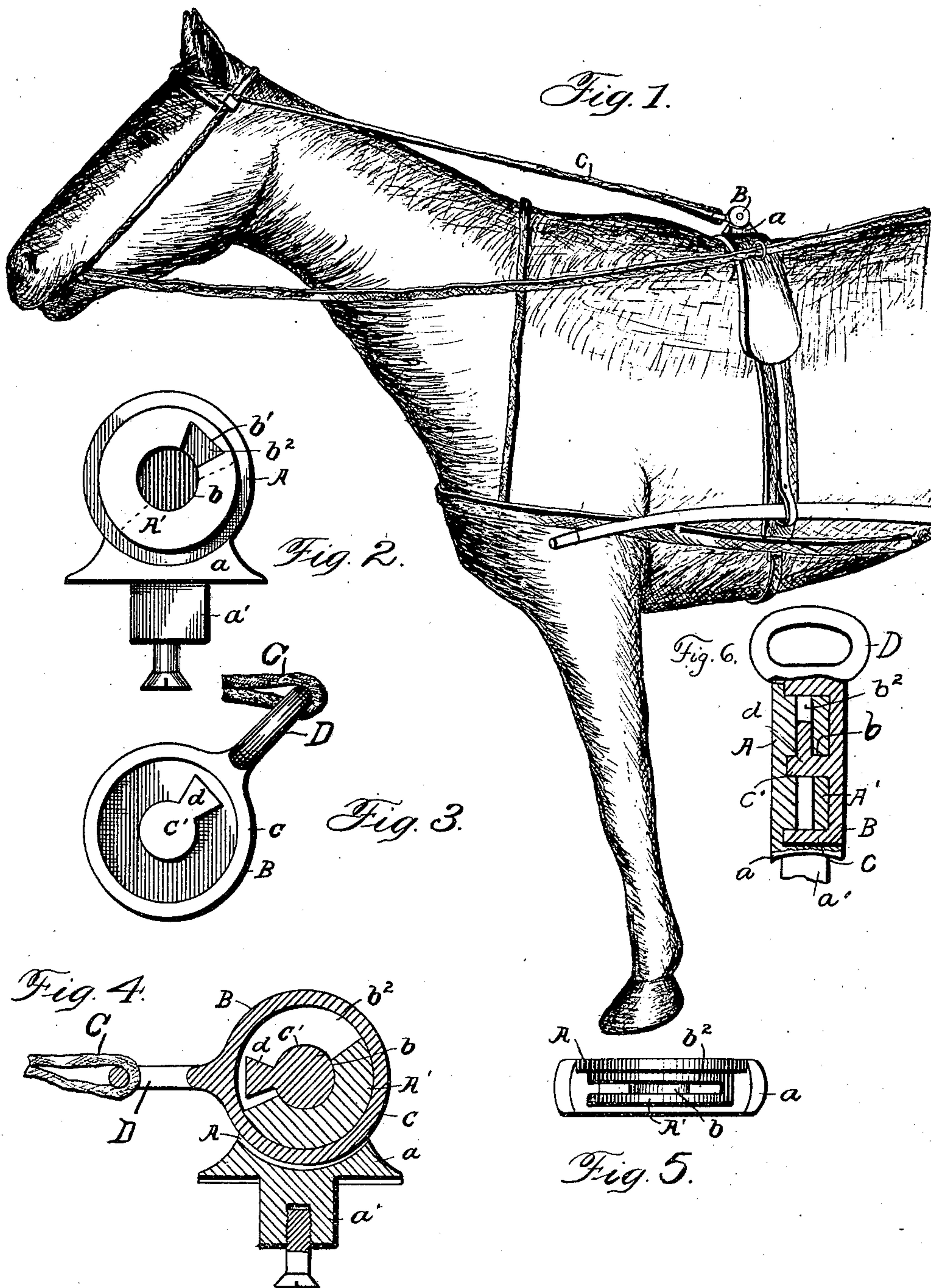
No. 681,485.

Patented Aug. 27, 1901.

J. C. MINOR.
CHECKREIN CONNECTOR.

(Application filed Mar. 13, 1901.)

(No Model.)



Witnesses
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UNITED STATES PATENT OFFICE.

JESSE C. MINOR, OF WARE, MASSACHUSETTS.

CHECKREIN-CONNECTOR.

SPECIFICATION forming part of Letters Patent No. 681,485, dated August 27, 1901.

Application filed March 13, 1901. Serial No. 50,981. (No model.)

To all whom it may concern:

Be it known that I, JESSE C. MINOR, a citizen of the United States of America, and a resident of Ware, in the county of Hampden and State of Massachusetts, have invented certain new and useful Improvements in Checkrein-Holders, of which the following is a full, clear, and exact description.

My invention relates to checkrein-retainers; and one object is to produce a device of this character which will permanently hold the checkrein or overdraw in engagement with the saddletree of the harness, which avoids the liability of the checkrein becoming detached from the saddle, and which, moreover, renders it possible and convenient by an easy manipulation to detach the checkrein from the saddle or other permanent part of the harness.

My invention has for its further object the combination and arrangement of parts of a device of the above-referred-to class that will be extremely simple in its construction, strong, durable, effectual in its use, and comparatively inexpensive to manufacture.

My invention consists in a device of the character, in the constructions and combinations of parts, all substantially as hereinafter fully described, and set forth in the claim.

For a full understanding of the merits and advantages of the invention reference is to be had to the accompanying drawings and the following description.

In the drawings, Figure 1 is a perspective view showing the application of my invention. Fig. 2 is a plan view of the member detached from the saddletree. Fig. 3 is a plan view of the member which is held by the checkrein. Fig. 4 is a longitudinal vertical section of the device when the parts are assembled. Fig. 5 is a top view of the stationary member. Fig. 6 is a cross-sectional view of the parts assembled.

Referring to the drawings, A represents the member having the widened base a , which rests upon the top of the saddletree and which is provided with the downward projection a' , adapted to fit within a socket of the saddle and be engaged by a screw or other securing means. The member A is further provided

with a cylindrical boss A' , having a central cylindrical socket b and a radial diverging key-socket b' , extending from the outer face of the boss through and communicating with the curved slot b^2 , made in the side of the boss in a plane at right angles to the axis of the socket.

The member B is shown in Figs. 1 and 3 connected to the strap of the checkrein C through the eye D, and it consists of a cylindrical outer casing or barrel c , having the concentric stud c' , provided at an intermediate point with the lug or key d at right angles to the axis of the stud and of a shape corresponding to the radial key-socket in the boss of the stationary member.

When the two members are interlocked, as shown in Figs. 1 and 4, the outer case or barrel c , which envelops the boss A' and the concentric stud c' within the socket b , affords a substantial rotational bearing and reduces the liability of breakage to a minimum. Assuming the parts detached and it is desired to attach the checkrein, the member B is brought to a position opposite the boss of the member A, so that the key and key-socket are in alinement when the former is forced upon the boss of the latter and partially rotated until the key is out of alinement with the key-socket, when it is locked within the slot b^2 . A reverse operation will release the checkrein.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

In a device of the character described, the combination with a member adapted to be secured to the saddletree, and comprising a cylindrical body, or boss, A' , having an axial socket extended from its one end partially through it, having intermediate between its ends, the slot or opening b^2 , in a plane at right angles to its axis, and extended from its periphery to the said axial socket, and having through its wall forming one side boundary of the slot, the aperture b' extending radially of said socket, of the member B having an externally-provided part for engagement with the checkrein, and having an endwise-opening circular chamber whereby it may ac-

commodate itself over and about the said boss
A', and provided with the concentric stud c',
provided intermediate between its ends with
the radially - extending lug or key d, said
5 members being arranged for registry and de-
tachable interlocking engagements, substan-
tially as described and shown.

Signed by me at Springfield, Massachusetts,
in presence of two subscribing witnesses.

JESSE C. MINOR.

Witnesses:

WM. S. BELLOWS,
M. A. CAMPBELL.