

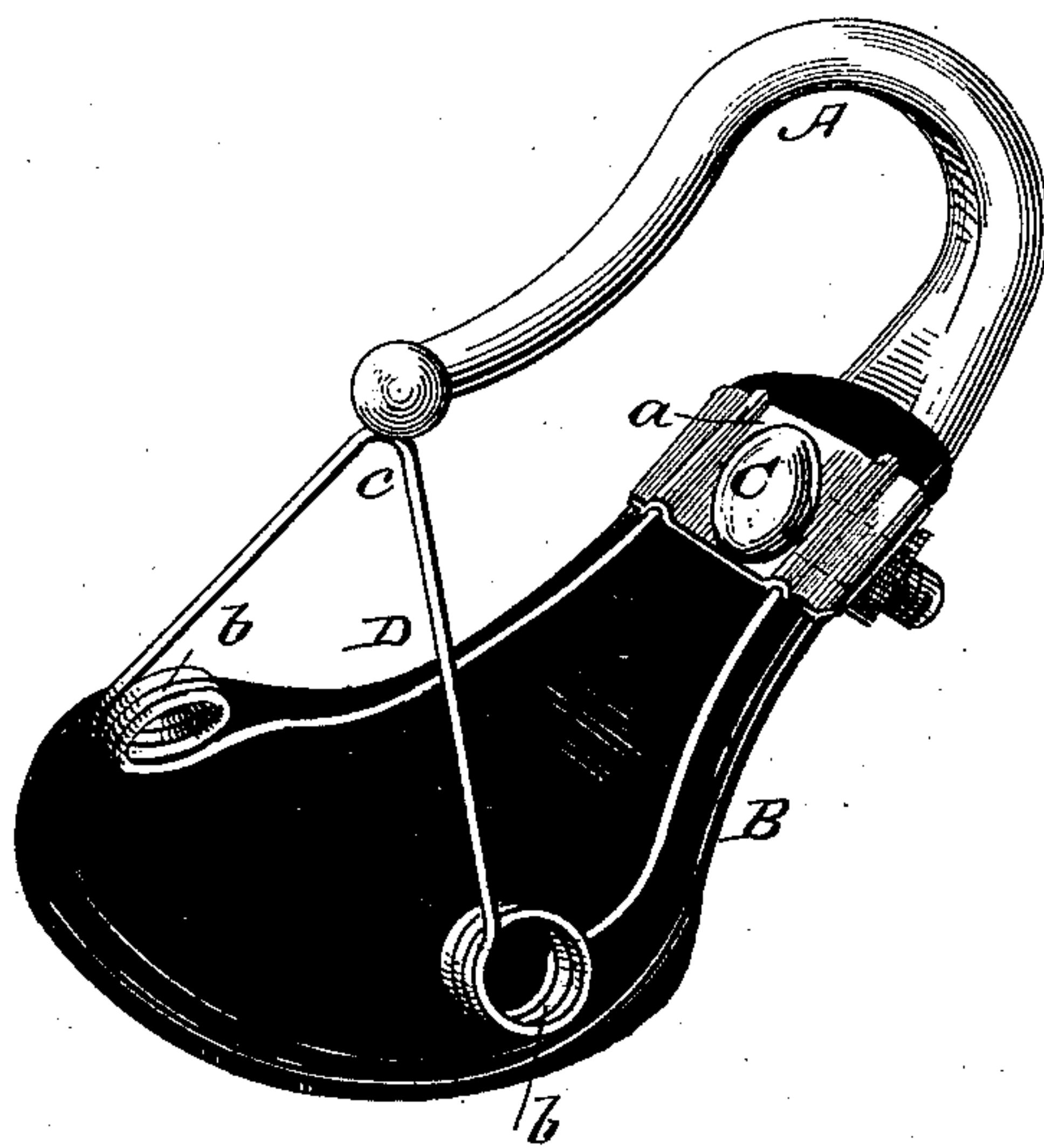
(No Model.)

W. R. MOORE.

CHECK HOOK.

No. 376,334.

Patented Jan. 10, 1888.



WITNESSES:

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UNITED STATES PATENT OFFICE.

WILLIAM R. MOORE, OF UNIONVILLE, PENNSYLVANIA.

CHECK-HOOK.

SPECIFICATION forming part of Letters Patent No. 376,334, dated January 10, 1888.

Application filed November 14, 1887. Serial No. 255,102. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM R. MOORE, of Unionville, in the county of Chester and State of Pennsylvania, have invented a new and useful Improvement in Check-Hooks, of which the following is a specification.

The object of my invention is to provide an attachment to the check-hook of a harness for the purpose of preventing the checkrein from becoming accidentally disconnected therefrom, and yet not interfere with the easy dislodgment of the checkrein when desired.

It consists in a peculiarly-shaped spring applied to the hook by means of the same bolt that secures the hook to the saddle, as will be hereinafter fully described, reference being had to the accompanying figure of drawing, in which is represented a perspective view of a check-hook with my invention applied.

A is the check-hook.

B is the saddle-plate, and C the bolt that fastens the check-hook and saddle-plate to the saddle.

D is my improved spring. This is formed of a single piece of spring-wire, the two ends of which are fastened by solder or otherwise to a plate, *a*, of sheet metal that is clamped beneath the head of bolt B. These wire branches then extend divergently to the rear, and are near the rear edges of the saddle-plate bent into several coils, *b b*, and from these coils the wire extends upwardly with a triangular-shaped loop, *c*, which rests against the rear extremity of the check-hook. This loop *c* rests against the hook on its under side in such re-

lation that the loop can be deflected to the front to give an inlet when inserting the checkrein, can be deflected to the rear to form an outlet in removing the checkrein by a direct pull from the rear, and can be deflected to either side to form an outlet when pulling the checkrein out sidewise, the peculiar triangular shape of loop *c* and coils *b b* permitting this to be done. This spring may be applied to any of the check-hooks already in use without any alteration of or injury to the same. It is also very cheap and durable, and when nick-eled or gold-plated is quite ornamental.

I am aware of the fact that it is not broadly new to apply a spring to a check-hook by means of its bolt so as to prevent the rein from getting dislodged, and I do not claim this, broadly.

Having thus described my invention, what I claim as new is—

1. The spring attachment D for check-hooks, consisting of a piece of wire bent to form a middle triangular loop, *c*, coils *b b*, with terminal arms, and plate *a*, substantially as and for the purpose described.

2. The combination, with the check-hook, the saddle-plate, and bolt C, of the spring D, having middle loop, *c*, spiral coils *b b*, with terminal arms, and plate *a*, secured by the said bolt C, substantially as and for the purpose described.

WM. R. MOORE.

Witnesses:

JAMES J. REEVES,
HUGH S. REEVES.