(No Model.)

A. W. COX.

CHECKREIN.

No. 493,353. Patented Mar. 14, 1893.

Fig. 1.

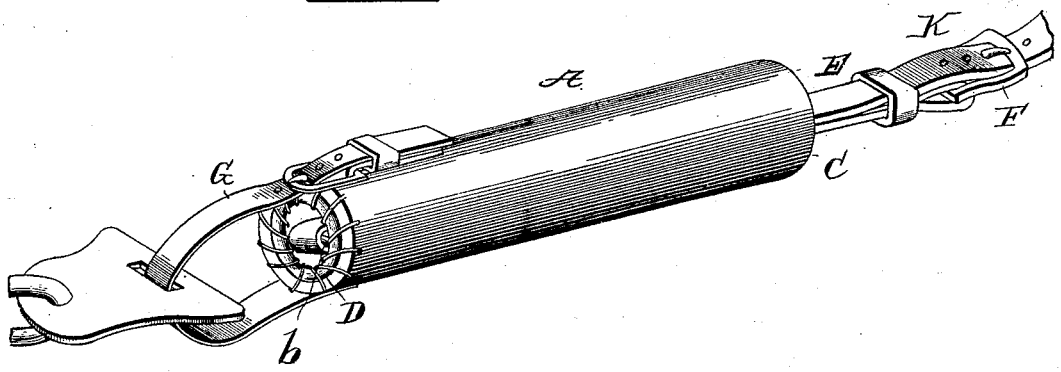
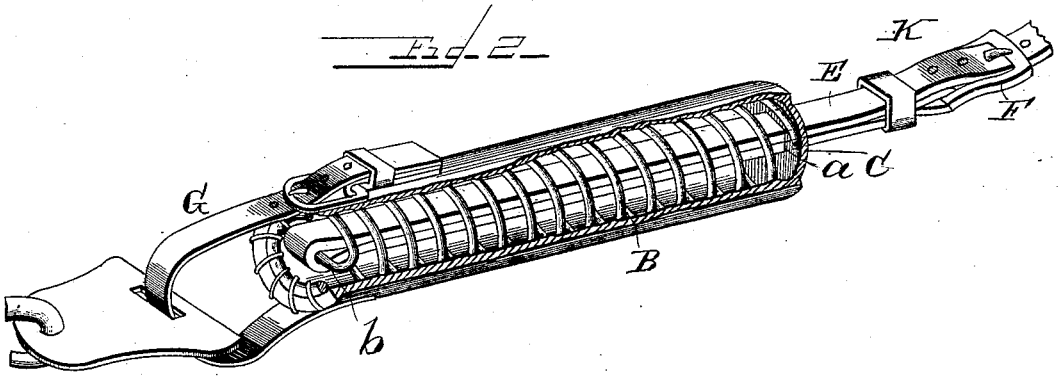


Fig. 2.



Witnesses
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ALBERT WHITE COX, OF HASTINGS, NEBRASKA.

CHECKREIN.

SPECIFICATION forming part of Letters Patent No. 493,353, dated March 14, 1893.

Application filed December 3, 1892. Serial No. 453,998. (No model.)

To all whom it may concern:

Be it known that I, ALBERT WHITE COX, a citizen of the United States, residing at Hastings, in the county of Adams and State of Nebraska, have invented certain new and useful Improvements in Checkreins; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to certain improvements in check reins for harness and is more especially designed to be applied to the over draw check rein.

It consists in certain details of construction, and arrangement of parts hereinafter more particularly set forth in the specification, illustrated in the drawings, and pointed out in the claims. Its object is to provide a yielding connection between the overdraw rein and the check hook, which is simple and economical in construction, easily adjustable, neat and compact in appearance and strong and durable in operation.

In the drawings: Figure 1, is a perspective view of my improved check rein. Fig. 2, is a similar perspective view with one side of the cylinder-shell, or barrel inclosing the spiral spring broken away.

Referring more particularly to the drawings, A represents a hollow cylinder or barrel designed to receive and inclose a spiral spring, and having a head C at one end and an annular ring D, secured within its opposite end, or said end may be made re-entrant to stiffen it and preserve its annular form.

B, is the spiral spring placed within the barrel or hollow cylinder, one end of which bears against the head or closed end C, and its opposite end against the stiffener D, at the mouth or open end of the cylinder. The head or wall C, is provided with a central opening *a*.

E, is the check rein, the free end of which is inserted through the opening *a* of the head C, thence carried through the interior of the spiral spring B, to its outer or rear end, where it is looped or turned back around the transverse bar *b*, forming the end of the spring, and carried out through the interior of the spring and the aperture *a*, in the head C, to the point K, where it is adjustably united with itself by the buckle F. Upon the rear end of the cylinder is secured a loop or strap G, adapted to connect with the check hook.

The barrel A is preferably composed of leather as being less expensive and more durable than most other materials for inclosing and concealing the spiral spring. Moreover, it corresponds more nearly with the material of which the harness is principally composed.

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

1. The combination of the barrel or cylinder, having the head of one end provided with a central aperture and the spiral spring contained therein, with the check rein passing through the interior of said spring engaging with the outer end thereof and doubled back upon itself forming an adjustable loop substantially as and for the purpose described.

2. The combination of the barrel or cylinder, the spiral spring confined within the barrel by the head at one end having the central aperture, and the stiffener at its opposite end, with the check rein passing through the interior of the spring and barrel, engaging with the outer end of the spring and doubled back upon itself forming an adjustable loop substantially as and for the purpose described.

3. The combination of the barrel or cylinder, the spiral spring confined within the barrel by the head at one end having the central aperture and the stiffener at its opposite end, with the check rein passing through the interior of the spring engaging with its outer end and doubled back upon itself forming an adjustable loop, and a strap and buckle secured to opposite sides of the outer end of the barrel, adapting it to form an adjustable loop to engage the check hook, substantially as described.

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

ALBERT WHITE COX.

Witnesses:
A. H. CRAMER,
BEN CLARK.