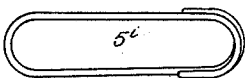
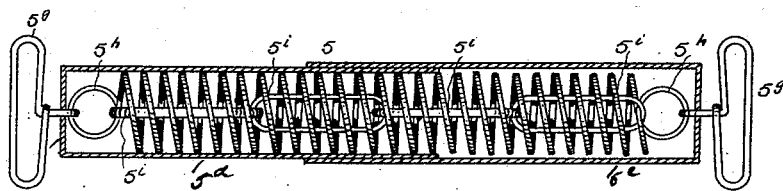
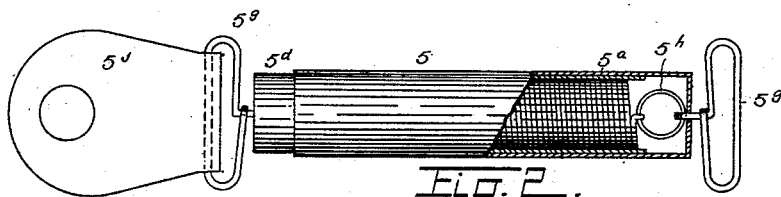
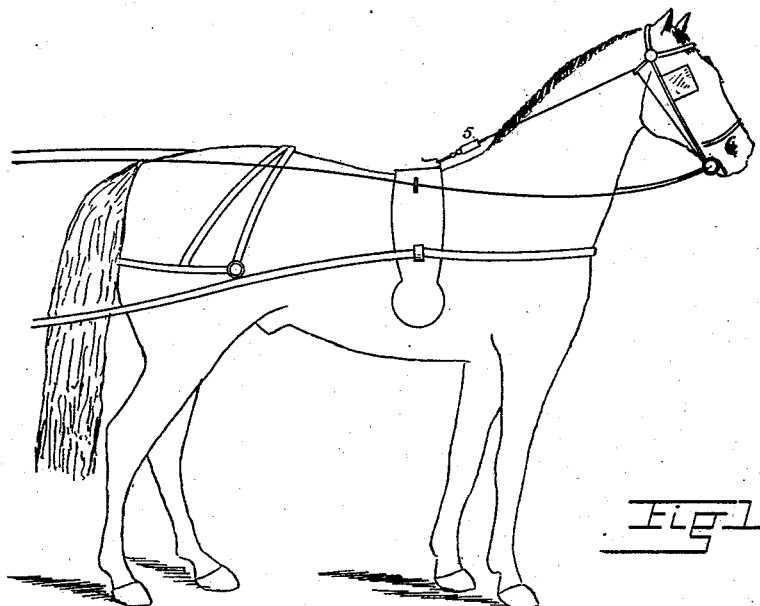


(No Model.)

G. W. TAYLOR.
CHECKREIN ATTACHMENT.

No. 524,992.

Patented Aug. 21, 1894.



WITNESSES:

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Fig. 4.

INVENTOR

— GEO. W. TAYLOR. —

BY

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GEORGE W. TAYLOR, OF DENVER, COLORADO, ASSIGNOR OF ONE-HALF TO
CHARLES W. BOGGS, OF SAME PLACE.

CHECKREIN ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 524,992, dated August 21, 1894.

Application filed April 21, 1894. Serial No. 508,547. (No model.)

To all whom it may concern:

Be it known that I, GEORGE W. TAYLOR, a citizen of the United States of America, residing at Denver, in the county of Arapahoe and State of Colorado, have invented certain new and useful Improvements in Checkrein Attachments; and I do 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, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form a part of this specification.

My invention relates to improvements in check rein attachments, and my object is to render the check rein yielding, whereby the horse, when checked, is allowed to move his head within certain limits. This style of check rein gives ease and comfort to the animal, as will be readily understood.

My improved device consists, briefly stated, of a coil-spring inclosed by two telescoping parts, the extremities of the spring being provided with loops, to one of which is preferably attached a leather tab, while the other is adapted to receive the check rein extremity, which is passed therethrough and buckled. Within the coil spring are located several, normally loose, connected links. The end links are attached to the loops at the points where the spring extremities are secured. These links limit the stretch of the spring, and render the device more durable.

Having thus briefly outlined the nature and object of the invention, I will now proceed to describe the construction in detail, reference being made to the accompanying drawings, in which is illustrated an embodiment of the invention.

In the drawings, Figure 1 illustrates the device in use. Fig. 2 shows the casing partly broken away. Fig. 3 shows the casing sectionized, and the spring under tension. Fig. 4 is a perspective view in detail of one of the links located within the spring.

Similar reference characters indicate corresponding parts or elements in the several views.

Let the numeral 5 designate the device as a whole; 5^a, the coil-spring; 5^b, the outer, and 5^d, the inner part of the telescoping case; 5^e, the end loops; 5^h, the rings located between

the loops and the spring, and forming their connection; 5ⁱ, the links forming a short chain section whose extremities are connected with the rings which unite the loops and spring; and 5^j, the leather tab attached to one of the loops, and apertured to engage the check hook. The casing sections should be of such length, that the spring is not exposed when it is stretched or placed under tension to the limit allowed by the links 5ⁱ. These links are preferably of the construction shown in Fig. 4, being formed by overlapping the extremities of the wire sections composing them. These extremities are not otherwise secured, and may therefore be separated for the purpose of connecting them with each other and with the end rings. The outer extremities of the casing sections are closed with the exception of small apertures through which the stems of the loops pass. The casing sections should fit nicely together, whereby all moisture and dirt are excluded.

It must be understood that my improved device may be used as an attachment for the driving reins of the harness as well as the check rein of the bridle. When used in connection with the driving reins, the leather tab, would, of course, not be necessary.

Having thus described my invention, what I claim is—

1. In a yielding check rein attachment, the combination of the coil-spring, the telescoping, two-part casing inclosing the spring, the connected links located within the spring, the loops having stems passing through the closed casing ends, and the rings connecting the loops with the spring extremities and the end links, substantially as described.

2. In a yielding check-rein attachment, the combination of the coil-spring, the telescoping two-part casing inclosing the spring, the connected links located within the spring, and the end loops having stems passing through the closed casing ends and suitably connected with the spring extremities and the end links, substantially as described.

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

GEORGE W. TAYLOR.

Witnesses:

G. J. ROLLANDET,
CHAS. E. DAWSON.