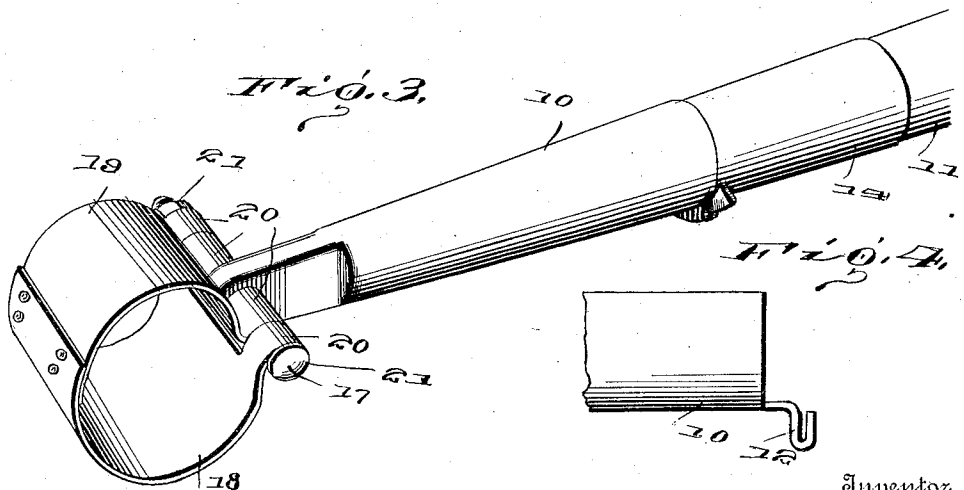
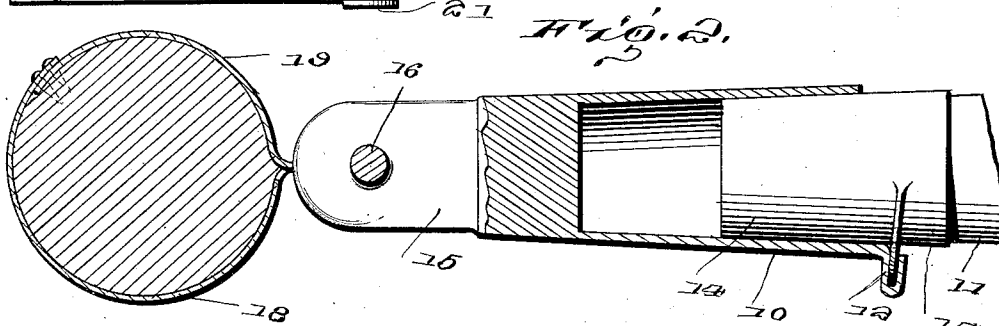


1,056,846.



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CHARLES H. SPENCER, OF KENDALL, KANSAS.

NECK-YOKE ATTACHMENT.

1,056,846.

Specification of Letters Patent.

Patented Mar. 25, 1913.

Application filed October 3, 1912. Serial No. 723,802.

To all whom it may concern:

Be it known that I, CHARLES H. SPENCER, citizen of the United States, residing at Kendall, in the county of Kearney and State of Kansas, have invented certain new and useful Improvements in Neck-Yoke Attachments, of which the following is a specification.

This invention relates to an improvement in neck yoke attachments.

The primary object of the invention is to provide a construction of this character which will receive the end portion of a vehicle tongue and which will engage with the ferrule supported by said tongue to maintain the attachment against displacement.

A further object of the invention is to provide a device of this character in which the tongue of the vehicle will be supported against falling and in which it will be impossible for the lines to fall beneath the tongue.

In the drawings: Figure 1 is a plan view, showing the device arranged on the tongue of the vehicle; Fig. 2 is a longitudinal section; Fig. 3 is a perspective view; Fig. 4 is a detail view of the terminal of the sleeve which receives the tongue.

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

In the drawings, 10 designates a sleeve which is tapered to conform to the end portion of the vehicle tongue 11. This sleeve is provided adjacent its open end with a hook 12 which is either formed integral with the sleeve or secured to the same. This hook 12 extends beyond the sleeve and is disposed at an angle with respect to the sleeve. When the sleeve is placed on the tongue, the hook is disposed on the upper portion of the tongue. The sleeve is then rotated until the hook 12 has assumed a position on the under face of the tongue, the hook receiving the flange 13 of the ferrule 14 which is arranged on the end portion of the tongue. The hook is sufficiently resilient to assume a position over the flange 13 and at the same time rigid

enough to prevent the displacement of the sleeve. The flange is disposed at an angle, the hook wedging the sleeve on the tongue as the sleeve is rotated.

The sleeve 10 is provided at its end remote from the tongue with the extension 15 which is reduced in thickness. This extension is provided with an opening 16 through which the pivot pin or pintle 17 extends. A plurality of semi-circular yoke engaging members 18 and 19 are supported by the pintle 17, the members being formed with offset portions 20 which embrace the pintle on both sides of the extensions 15, the heads 21 of the pintle preventing movement of the yoke engaging members longitudinally of the pintle. The yoke engaging members embrace the yoke having their terminals secured together and to the neck yoke by screws, the yoke in this manner being pivotally supported by the tongue. It will be noted by this construction that while the yoke may participate in the necessary vertical movement with respect to the tongue, the tongue will be prevented from falling. It will also be seen that with a construction of this character, it will be impossible for the lines to get beneath the tongue, the lines in the event that the same should fall, resting upon the yoke.

The many advantages of a device of this character will be clearly apparent as it will be noted that the construction is such as it may be easily and economically manufactured and that the various parts may be readily assembled. It will also be seen that the device may be conveniently positioned on the tongue of a vehicle, there being sleeves of various sizes provided to accommodate tongues of varying diameter. In removing the sleeve from the tongue it will be noted that the same is rotated until the hook 12 is disengaged from the flange 13 of the ferrule, the sleeve then being readily slipped off from the tongue.

Having thus described the invention, what is claimed as new is:

A neck yoke attachment comprising a sleeve disposed to receive the tongue of a

vehicle, an extension formed integral with
said sleeve, a pintle supported by said ex-
tension, a plurality of semicircular members,
each of said members being formed with off-
5 set portions bent to embrace said pintle, said
semicircular members embracing the neck
yoke, their terminals being secured to each
other and to said neck yoke.

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

CHARLES H. SPENCER. [L. S.]

Witnesses:

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
Washington, D. C."
