

P. O. MELLUM.
NECK YOKE.
APPLICATION FILED DEC. 29, 1910.

1,005,995.

Patented Oct. 17, 1911

Fig. 1.

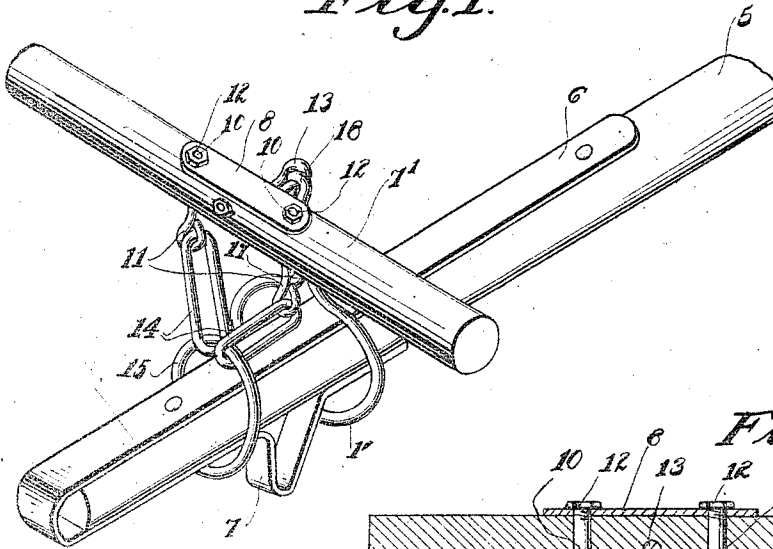


Fig. 2.

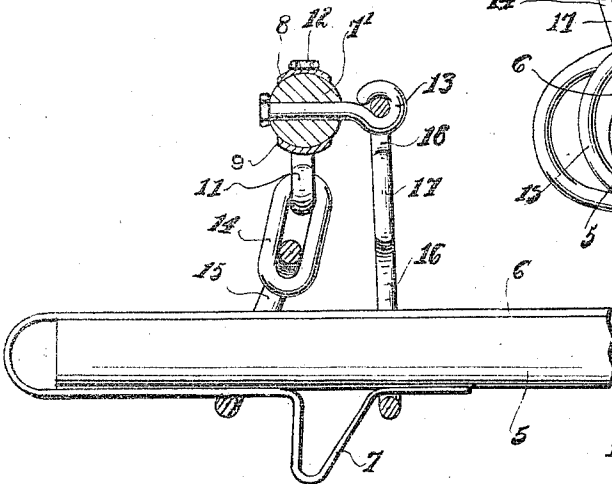
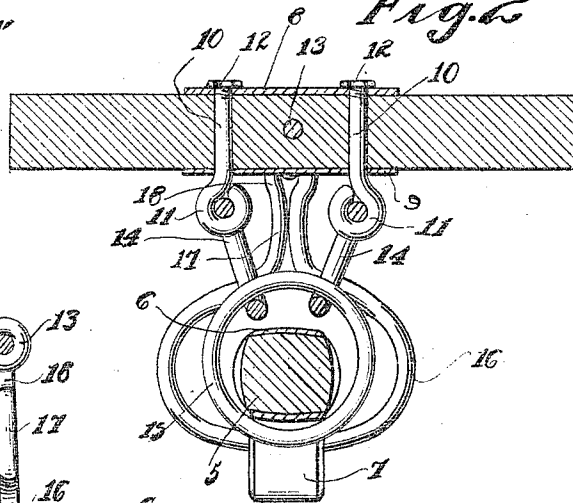
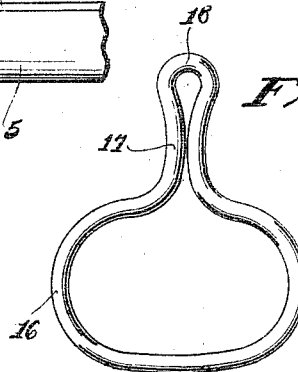


Fig. 3.

Fig. 4.



Witnesses

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UNITED STATES PATENT OFFICE.

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NECK-YOKE.

1,005,995.

Specification of Letters Patent.

Patented Oct. 17, 1911.

Application filed December 29, 1910. Serial No. 599,819.

To all whom it may concern:

Be it known that I, PETER O. MELLUM, a citizen of the United States, residing at Charlson, in the county of McKenzie, State of North Dakota, have invented certain new and useful Improvements in Neck-Yokes; 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.

This invention relates to an improvement in neck-yokes generally, although more particularly with relation to the connection between the neck-yoke and the pole.

The principal object of the invention is to provide an attachment for poles and neck-yokes whereby the latter may be quickly engaged to or disengaged from the pole, and while in the former position will be prevented from becoming accidentally disengaged from the pole due to the breaking of a trace or the like.

Another object of the invention is to provide an attachment for neck-yokes and poles which may be applied to the neck-yoke and poles now in common use without any undue changes thereon.

A still further object of the invention is to provide a device for the purpose described which is composed of a minimum number of parts, is therefore simple in construction and is cheap to manufacture.

With these and other objects in view, the invention consists in the construction and novel combination of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended; it being understood that various changes in the form, proportion, size and minor details of construction, within the scope of the claims, may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawings:—Figure 1 is a perspective view showing a neck-yoke coupled to the end of a pole by my improved means, Fig. 2 is a vertical longitudinal sectional view through the neck-yoke, Fig. 3 is a transverse sectional view through the yoke, and Fig. 4 is a plan view of the elongated ring.

Like reference numerals indicate corresponding parts throughout the several views.

Referring to the drawing the numeral 5

designates the end of an ordinary wagon tongue having a strap-iron 6 secured around the upper and under-faces thereof, the under-portion of the same being downwardly bent to form a stop lug 7. All of this construction is in general use and I make no claim therefor.

My invention comprises a neck-yoke 7' having upper and lower longitudinal plates 8 and 9 respectively. Extending vertically through the yoke and the plates are the shanks 10 of eye-bolts 11. Nuts 12 are associated with the upper ends of the shanks for securing the said eye-bolts in position. Extending transversely through the yoke and intermediate the said eye-bolts 11 is an eye-bolt 13.

The invention further comprises links 14 which are respectively connected to the eyes of the eye-bolts 11. Mounted within these links is a ring 15 which is adapted to be positioned over the extreme end of the tongue in advance of the stop lug 7. Connected to the eye bolt 13 is an elongated ring 16. This ring is compressed to form connecting portions 17 and an eye 18, the latter being connected to the said eye-bolt 13. These connecting portions have a length sufficient to dispose the ring portion 16 in a plane substantially equal to the ring 15.

In attaching the neck-yoke to the pole the elongated ring 16 is turned on its side so that the same can be passed over and in rear of the stop-lug 7. The ring 15 is then positioned over the end of the pole. The diameter of the ring 15 is such that the said ring cannot possibly pass in rear of the stop-lug 7. The transverse inside diameter of the elongated ring is such that the said ring will be prevented from passing over the stop-lug 7 except when the said elongated ring is turned so as to bring the stop lug in alignment with the longitudinal diameter thereof.

From the foregoing it will be observed that a small backward and forward movement of the neck-yoke can be made without any danger of the same becoming accidentally detached from the tongue.

What I claim is:—

1. In combination with a pole having a stop-lug on its under-side, of a neck-yoke, and rings carried by said yoke for attachment over said pole in advance of and in rear of said stop-lug respectively, the former having an interior diameter of such length as to prevent it from passing over said stop-

lug, and the latter having two diameters, one of said diameters being of sufficient length to permit the ring to be passed over said stop-lug and the other diameter of such length as to prevent it from returning there-
over.

2. In combination with a pole having a stop-lug on its under-side, of a neck-yoke, a ring carried by said yoke for attachment
10 over said pole in advance of said stop lug, an eye-bolt disposed transversely in the yoke, and a ring connected to said eye-bolt

for attachment over said pole on the opposite side of the lug from the first mentioned ring, said second mentioned ring being compressed centrally to form an elongated ring,
15 an eye and a connecting portion.

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

PETER O. MELLUM.

Witnesses:

T. E. CHARLSON,

E. S. DAVIS.