No. 862,212. PATENTED AUG. 6, 1907.

E. C. STILLWELL.

NECK YOKE CENTER.

APPLICATION FILED OCT. 30, 1906.

Fig. 1.

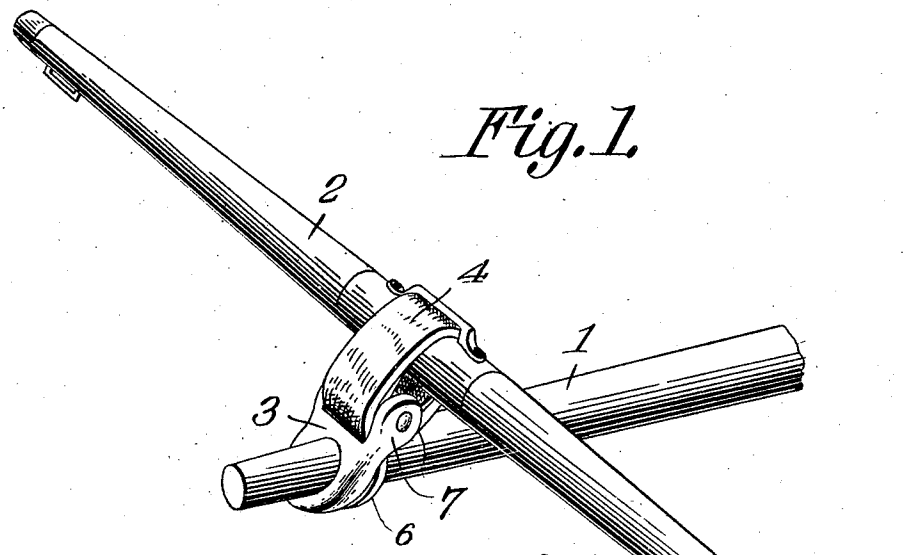
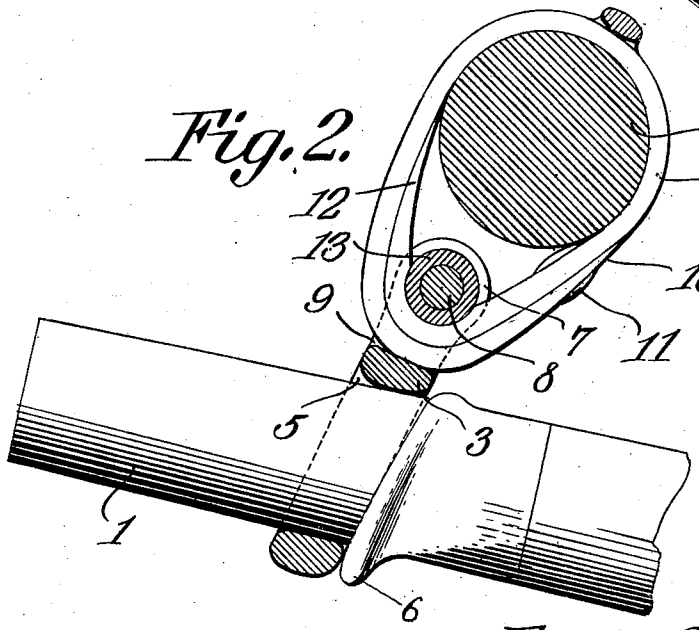


Fig. 2.



Witnesses:

E. J. Stewart

W. H. Crierston-Clarke.

Edwin C. Stillwell,
Inventor.

By C. A. Snow & Co.
Attorneys

THE NORRIS PETERS CO., WASHI... TON, D. C.

UNITED STATES PATENT OFFICE.

EDWIN C. STILLWELL, OF MORRIS, ILLINOIS.

NECK-YOKE CENTER.

No. 862,212. Specification of Letters Patent. Patented Aug. 6, 1907.

Application filed October 30, 1906. Serial No. 341,281.

To all whom it may concern:

Be it known that I, EDWIN C. STILLWELL, a citizen of the United States, residing at Morris, in the county of Grundy and State of Illinois, have invented a new and useful Neck-Yoke Center, of which the following is a specification.

This invention relates to neck-yoke centers.

The objects of the invention are to improve and simplify the construction of such devices; furthermore, to increase their efficiency in use and to decrease the expense attending their manufacture.

With the foregoing and other objects in view, which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of invention herein disclosed can be made within the scope of the following claims without departing from the spirit of the invention or sacrificing any of the advantages.

In the accompanying drawings forming part of this specification:—Figure 1 is a perspective view of a carriage pole and neck-yoke equipped with a neck-yoke center constructed in accordance with the invention; and Fig. 2 is a side elevation, partly in section, showing the construction illustrated in Fig. 1.

Like reference numerals indicate corresponding parts in the different figures of the drawings.

The reference numeral 1 indicates a carriage pole; and 2, a neck-yoke. These parts can be of any suitable form and construction.

The improved neck-yoke center of the present invention preferably comprises a pole member 3, which is formed of any suitable metal, and a loop member 4, which is formed preferably of leather or similar material. The pole member 3 is constructed with an eye 5 which extends diagonally through the pole member and is adapted to receive the forward end of the pole 1 in such manner that the pole member will assume an upwardly and rearwardly inclined position upon said pole. The pole member 3 fits against the usual inclined collar or abutment 6 which is provided on the pole 1. At the upper end thereof, the pole member 3 is provided with a pair of spaced, enlarged ears 7 which are connected with each other by a bar or rod 8 which serves, in conjunction with the upper end of the pole member 3, to form a slot 9. The two ends of the loop member 4 which, as before stated, is formed preferably of leather, are extended in opposite directions through the slot 9 so as to overlap each other, said ends being tapered as shown. The outer tapered end 10 of the loop member 4 preferably is secured to another portion of said loop by means of a rivet 11. The inner tapered end 12 of said loop member is free. In some cases, the bar 8 which connects the spaced ears 7 may be surrounded by a casing 13, formed of leather or similar material, although this casing is not essential and may be dispensed with if desired.

The peculiar advantage of the present form of neck-yoke center is that the pole member 3, by reason of the fact that it is made of metal and is fitted firmly on the pole 1, remains in stationary position and, consequently, does not become worn readily through friction, and the loop member 4, by reason of its flexible nature, permits the necessary movements of the neck-yoke 2.

By extending the ends of the loop member 4 through the slot 9 so as to cause them to overlap each other, a double thickness of leather is presented to the bar 8 and the life of the neck-yoke center is thus materially prolonged.

The improved neck-yoke center of the present invention is strong, simple, durable and inexpensive in construction as well as thoroughly efficient in use.

It will be understood that the pole-receiving member, including the slot 9, the ears 7 and the bar 8, can be made all of one solid piece of metal if desired. Moreover, it will be understood that the leather loop 4 can be passed around the neck-yoke and through the slot 9 two, three, or as many times as the case requires according to the thickness and class of leather used. Finally, the inner tapered end 12 can be riveted in place if desired, although it is preferably left free for the sake of economy of manufacture.

What is claimed is:—

1. A neck yoke center comprising a metallic pole member having an eye passing diagonally therethrough and fitting tightly on the end of a vehicle pole, upstanding lugs on the top of said pole member, a straight bar extending between said lugs, and a flexible member adapted to partly encircle a neck yoke and have both its ends pass, one above the other, between said bar and the pole member, one of said ends being fastened to another portion of the flexible member.

2. A neck yoke center comprising a metallic pole member having an eye passing diagonally therethrough and fitting tightly by friction on the end of a carriage pole, spaced ears on the top of said pole member and in line therewith, a straight bar extending between said ears, a leather casing surrounding said bar, and a flexible member adapted to partially encircle a neck yoke at its center and have its ends pass, one above the other, betwen said bar and the pole member below, the extremity of one of said ends being riveted to an intermediate portion of said flexible member.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

EDWIN C. STILLWELL.

Witnesses:
J. C. HORRIE,
J. W. HORRIE.