(No Model.)

C. B. HOBRON.

NECK YOKE.

No. 523,573. Patented July 24, 1894.

Fig. 1.

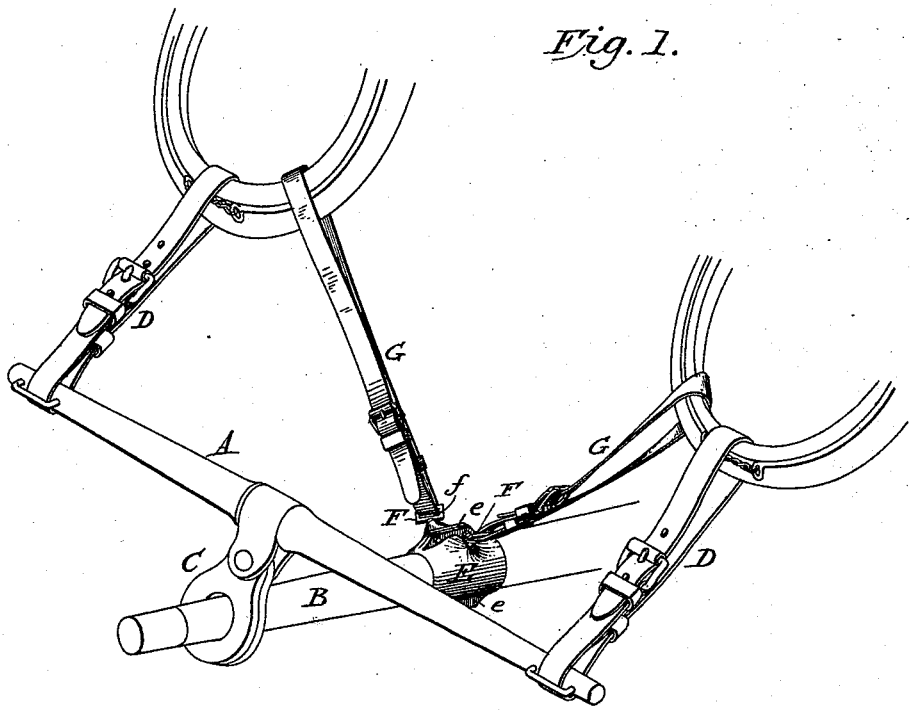


Fig. 2.

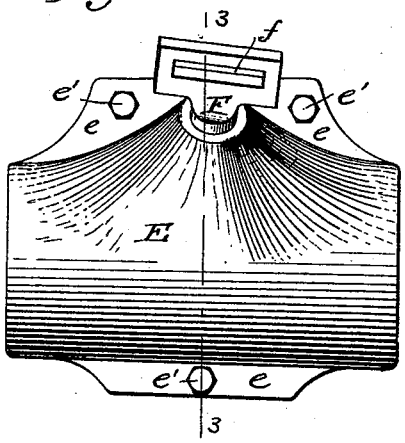
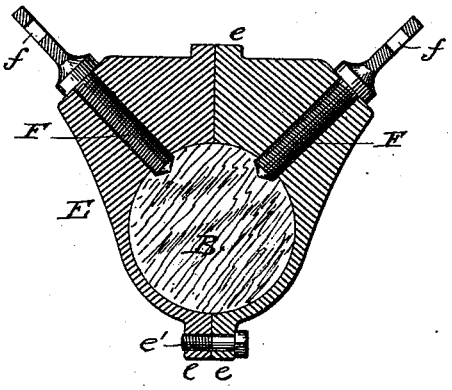


Fig. 3.

ON LINE 3 -3



Witnesses

Sidney P. Hollingsworth

Milton O'Connell

Inventor

Charles B. Hobron

by Baldwin Davidson & Wright

Attorneys

UNITED STATES PATENT OFFICE.

CHARLES B. HOBRON, OF BOERNE, TEXAS.

NECK-YOKE.

SPECIFICATION forming part of Letters Patent No. 523,573, dated July 24, 1894.

Application filed March 29, 1894. Serial No. 505,631. (No model.)

To all whom it may concern:

Be it known that I, CHARLES B. HOBRON, a citizen of the United States, residing at Boerne, in the county of Kendall and State of Texas, have invented certain new and useful Improvements in Neck-Yokes, of which the following is a specification.

The object of my invention is to provide a safety attachment for neck yokes which, if the neck yoke or the straps which connect it to the pole or to the collars break, will come into action and prevent the pole from dropping.

In the accompanying drawings illustrating my invention, Figure 1 is a perspective view of my improvements applied. Fig. 2 is a detail view showing a side elevation of the coupling which connects the safety straps to the pole. Fig. 3 is a section on the line 3—3 of Fig. 2.

The neck yoke or cross pole A, is connected to the vehicle pole B, in the usual way by the coupling C, which is usually made of leather. Straps D, connect the end of the neck yoke A to the collar or hames in the usual way.

In the construction described, which is the usual construction, if one or both of the straps D breaks, or the neck yoke A, breaks, the pole will fall and, besides disarranging the draft devices, will frighten the team. I provide means for preventing the neck yoke or pole from falling, should this part of the harness break. I employ a coupling E, which is applied to the pole B, preferably in rear of the neck yoke. It is made in two parts or sections, as shown in Fig. 3, the sections being flanged at *e*, and secured together by bolts *e'*. The coupling sections are formed, on their inner sides, to closely fit and embrace the pole, as indicated in Fig. 3, and in order to more securely connect the coupling to the pole, and prevent endwise movement thereon, I employ screws F, which pass diagonally through the coupling, and a short distance into the pole. The outer ends of the screws are provided with elongated openings or eyes, *f*, to which are connected straps G, which are also connected to the collar or the hames, as indicated in Fig. 1. These devices may be readily applied to or taken from the collars, and the pole. Ordinarily they are not brought into action, but should either of the straps D, the neck-yoke or the coupling C, break, the straps G will sustain the pole and take the place of the neck-yoke and its ordinary straps temporarily.

I claim as my invention—

1. The combination of a neck-yoke, the pole, the collars, straps connecting the neck-yoke with the collars, supplemental straps secured to the collars, the coupling made in sections and applied to the pole near the neck-yoke, screws passing through the coupling sections and into the pole and provided with slotted outer ends which connect with the supplemental straps.

2. The combination of the pole, the neck-yoke A, the coupling C connecting the neck-yoke to the pole, the collars, the straps D, connecting the ends of the neck-yokes to the collars, the coupling E made in two separable parts or sections, flanged at *e*, bolts *e'* extending through the flanges to removably connect the sections of a coupling, screws F, extending diagonally through the coupling sections into the pole to secure the coupling thereto, said screws having elongated openings or eyes *f*, and straps G, extending through the eyes *f* and connected with the collars, substantially as described.

In testimony whereof I have hereunto subscribed my name.

CHARLES B. HOBRON.

Witnesses:
F. W. SCHWEPPE,
JNO. REINHARD.