

(No Model.)

C. R. FUREY.

NECK YOKE.

No. 303,427.

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Fig. 1

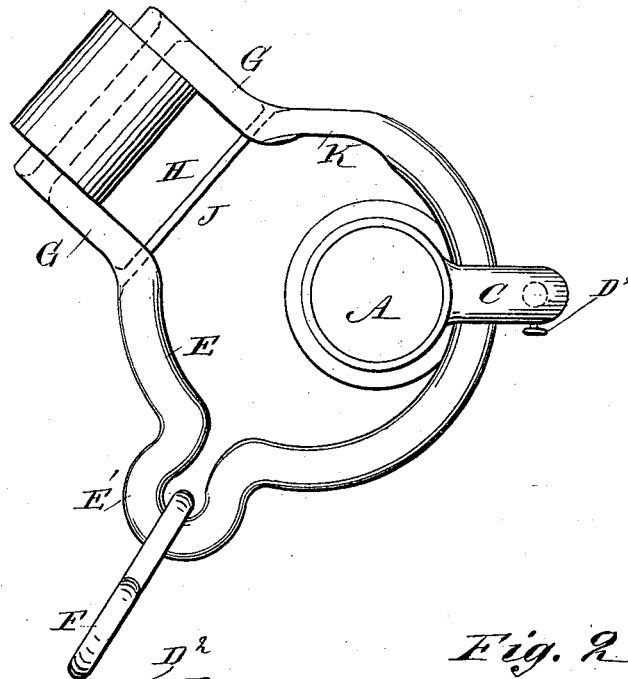
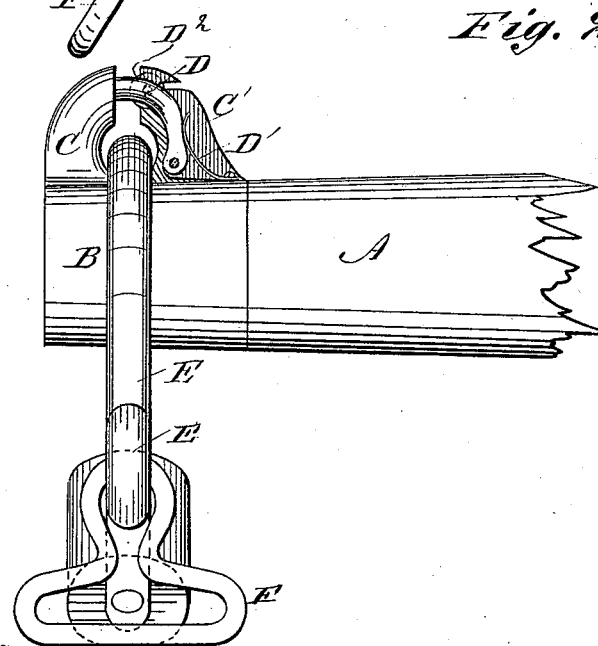


Fig. 2



WITNESSES:

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NECK-YOKE.

SPECIFICATION forming part of Letters Patent No. 303,427, dated August 12, 1884.

Application filed February 29, 1884. (No model.)

To all whom it may concern:

Be it known that I, CYRUS R. FUREY, of Logansport, in the county of Cass and State of Indiana, have invented a new and Improved Neck-Yoke, of which the following is a full, clear, and exact description.

The object of my invention is to provide a new and improved attachment for neck-yokes for the purpose of holding the neck-yoke ring and the martingale-strap.

The invention consists in a neck-yoke having a spring-snap at each end.

The invention also consists in the construction and arrangement of parts, as will be hereinafter described and claimed—a neck-yoke ring having an apertured lug in which an eye for the martingale-strap is held.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in both the figures.

Figure 1 is an end view of a neck-yoke provided with my improved attachment. Fig. 2 is a plan view of the under side of one end of the neck-yoke and ring, a part being broken away.

On each end of the neck-yoke A a thimble or ferrule, B, is fastened, which is provided with two lugs, C C'. The inner lug or jaw, C', is provided with a longitudinal groove in its outer edge, in which groove a bolt, D, is hinged, the free end of which is adapted to rest against the inner upper end of the lug or jaw C, the bolt being so shaped that when its free end rests against the inner end of the jaw or lug C the bolt will rest against the bottom of the groove in the lug or jaw C'. The bolt is provided with a handle, D², for swinging it. A spring, D', held in the groove in the lug C', presses the end of the pivoted bolt D against the end of the lug or jaw C. The neck-yoke ring E is provided with a bend or loop, E', in which the martingale-loop F is held. The ring E is open, and forms two prongs, G, between which a roller, H, is pivoted, under which the neck-yoke strap is passed. At their inner ends the prongs G are connected by a wire, J, for the purpose of preventing the ring from turning on the strap and becoming detached. The ring is provided with

a flattened part, K, to permit of passing it in between the jaws C C', the aperture between the jaws being widened at the lower part, so that the ring can be held in the same—that is, the opening between the upper ends of the jaws is less than the thickness of the ring; but the lower part of the opening is wide enough to receive the ring. If the ring is to be passed in between the jaws, the flattened part K must be passed in between the jaws, and then the ring must be moved so that part of the ring having uniform thickness is between the jaws. The hinged bolt D prevents the ring from being drawn out from between the jaws by accident. The neck-yoke ring can be secured and held on the neck-yoke very easily, and can be readily removed after withdrawing the bolt D. The neck-yoke ring is held on the harness, and not on the neck-yoke, as has been customary heretofore, so that in harnessing the horse to the wagon the strap is not passed into the neck-yoke ring, but the neck-yoke ring is passed in and held between the jaws C C'.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. The neck-yoke thimble B, formed with the jaws C C', the latter of which is recessed vertically and longitudinally, and spring-bolt D, pivoted within the said recess, and constructed to rest against the adjacent face of the jaw C, substantially as set forth.

2. The neck-yoke thimble B, formed with the jaws C C', the latter of which is formed with a longitudinal vertical recess, a curved spring-bolt, D, pivoted within the said recess, and constructed to rest against the adjacent face of the jaw C, and a handle, D², on said bolt working through a slot in one of the walls of the recess in jaw C', for operating the bolt, substantially as set forth.

3. The neck-yoke ring E, formed with a loop, E', for the martingale, and with two jaws, G G, projecting from the same side of the ring, but at an opposite angle to said loop, and a roller journaled between the jaws for the neck-yoke strap to pass over, substantially as set forth.

4. The combination of the thimble B, formed

with the jaws C C', separated by a slot widest at its bottom, and a pivoted spring-bolt on jaw C', constructed to close the upper end of the slot, with the neck-yoke ring E, flattened
5 at K to allow said ring to be inserted through the narrow part of the slot between the jaws, substantially as set forth.

5. The neck-yoke ring E, formed with the loop E', and jaws G, projecting radially from

the same side of the ring, but in an opposite to direction to the loop E', a martingale-loop, F, within said loop, a roller between the jaws G, and a brace-bar, J, for relieving the roller-pivot of strain, substantially as set forth.

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Witnesses:

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