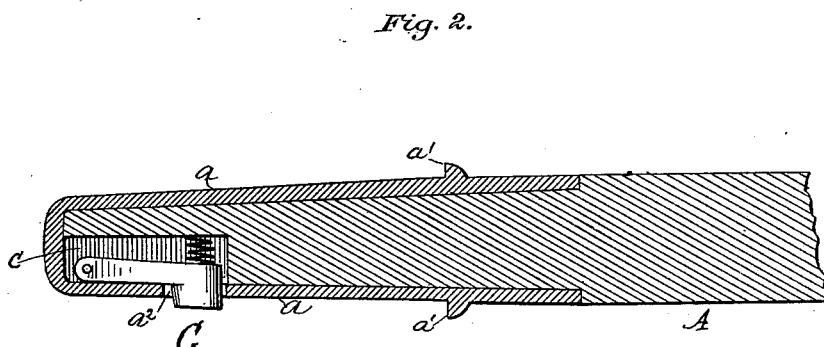
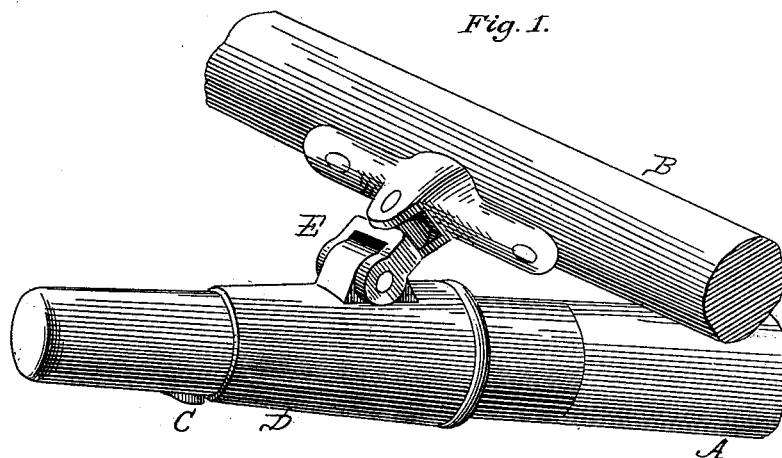


C. C. KEENE.
Neck-Yoke.

No. 219,736.

Patented Sept. 16, 1879.



Attest:
C. Clarence Poole
W. H. Morse.

Inventor:
Chas. C. Keene
by his attys.
A. H. Evans & Co

UNITED STATES PATENT OFFICE.

CHARLES C. KEENE, OF MARENGO, IOWA.

IMPROVEMENT IN NECK-YOKES.

Specification forming part of Letters Patent No. **219,736**, dated September 16, 1879; application filed July 17, 1879.

To all whom it may concern:

Be it known that I, CHARLES C. KEENE, of the town of Marengo, State of Iowa, have invented a new and useful Improvement in Neck-Yokes; and I do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a perspective view of a neck-yoke with my improvements attached. Fig. 2 is a section through *xx* of Fig. 1.

My invention relates to a novel and durable device for attaching neck-yokes to vehicle-tongues; and it consists in the construction and arrangement of parts hereinafter fully described and claimed.

In the drawings, A represents the tongue or pole, and B the neck-yoke. On the end of tongue A is a tip or ferrule, *a*, cast with a shoulder or flange, *a'*, and tapering slightly toward the end. At a suitable point between the shoulder *a'* and the end of the ferrule is a hole, *a''*, from which protrudes an inclined button or stop, C, pivoted in a recess, *c*, on the under side of the pole, and having underneath it a spring or equivalent device, which presses it out.

To the neck-yoke B is attached a collar or

sleeve, D, by means of a double swivel-joint, E, which enables the collar to swing in either direction.

When the neck-yoke is to be attached to the pole, the collar D is passed over the ferrule *a*, the inclined stop permitting the collar to pass over and depress it until it abuts against shoulder *a'* and relieves stop C, which springs up into its normal position and prevents it from slipping back.

When it is desired to detach the neck-yoke from the tongue, button C is depressed with the thumb and the collar slipped off.

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

The recessed pole A *c*, provided with the ferrule *a*, having a shoulder or abutment, *a'*, and opening *a''*, and the spring stop or button C, in combination with the neck-yoke B, having a tapering collar or sleeve, D, connected thereto by a double swivel-joint, substantially as and for the purpose herein shown and described.

CHARLES C. KEENE.

Attest:

JOHN MILLER,
L. C. McBRIDE.