

(No Model.)

J. B. ALTMAN.

COCKEYE.

No. 395,767.

Patented Jan. 8, 1889.

Fig. 1.

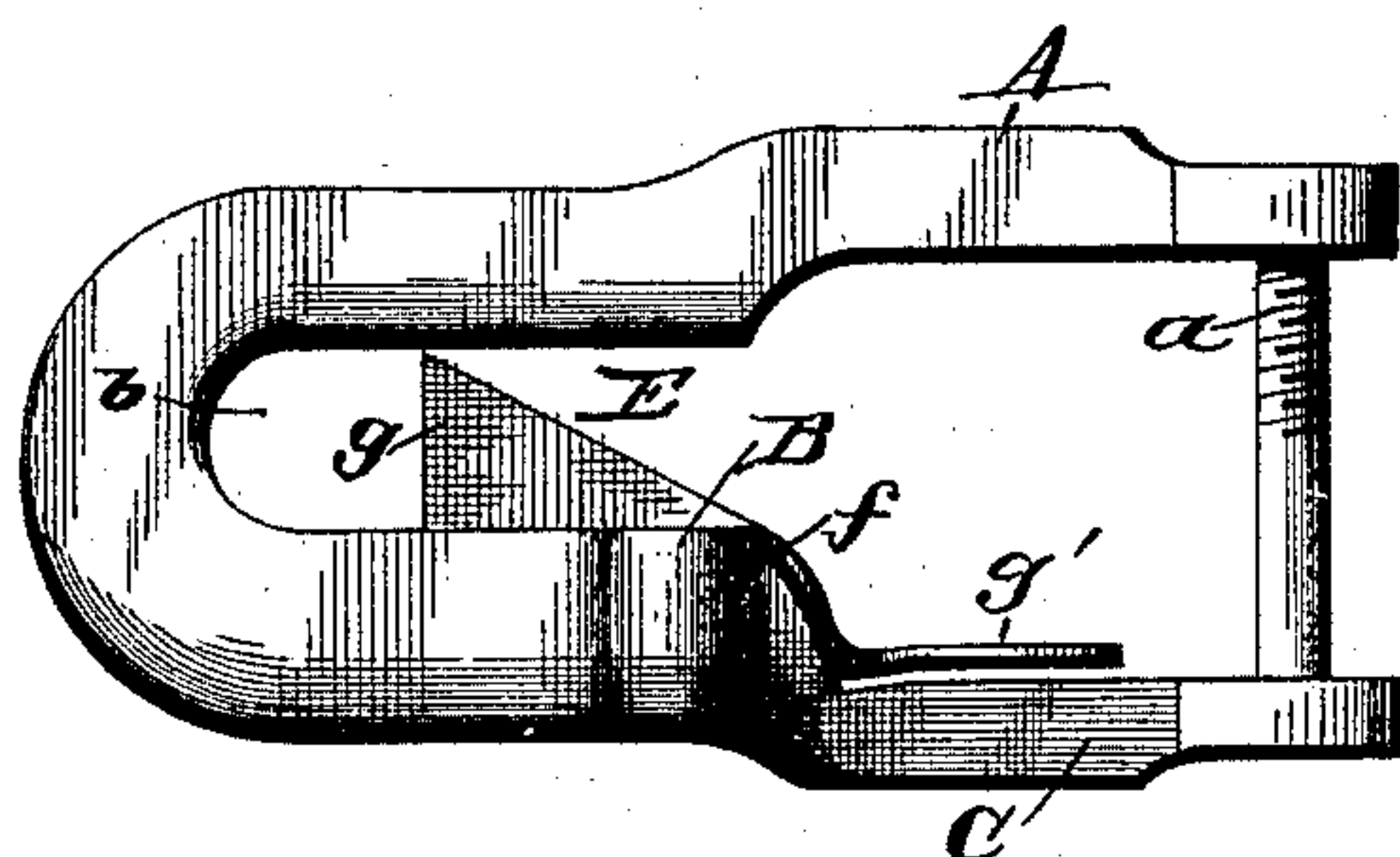


Fig. 2.

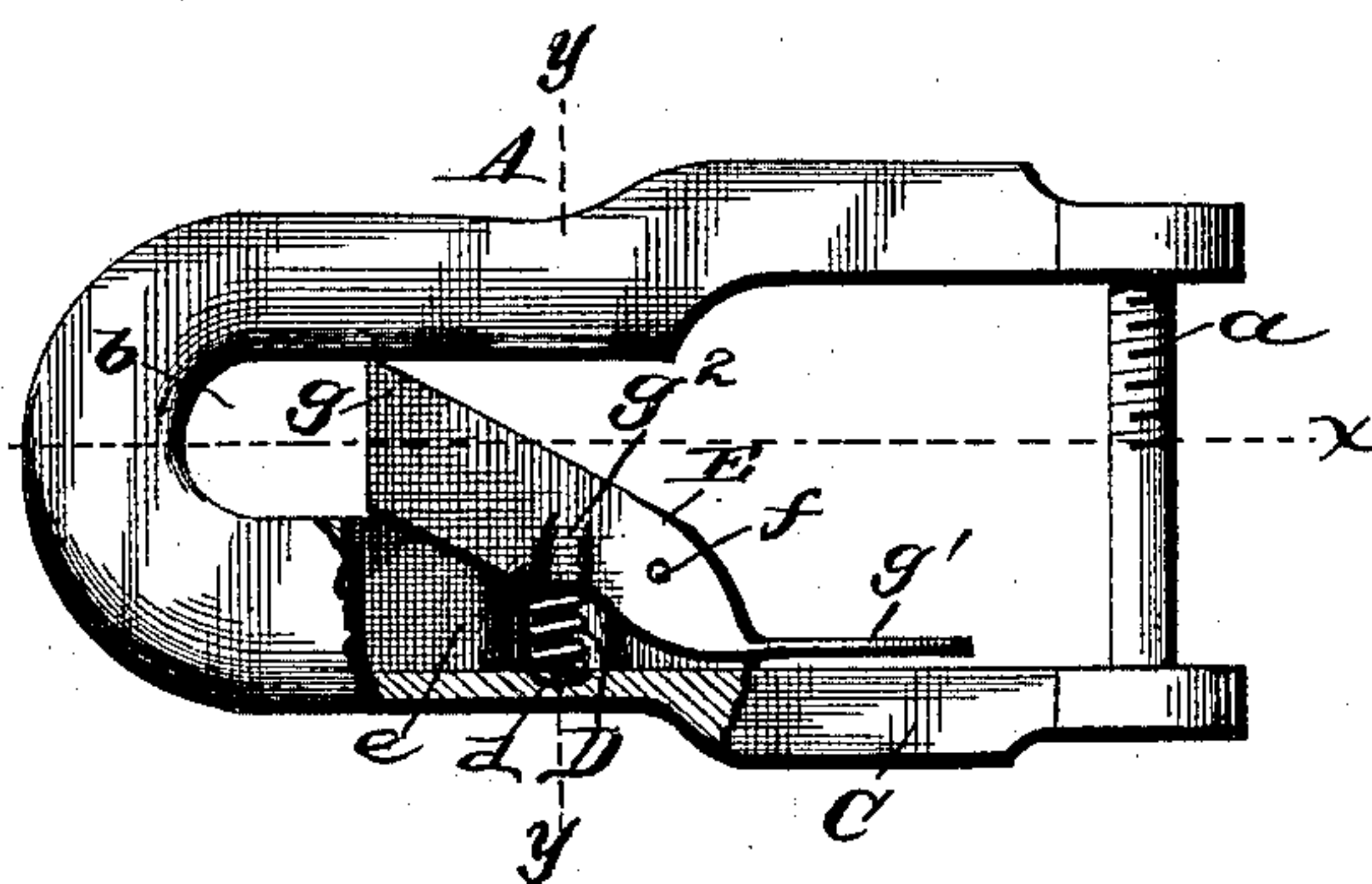


Fig. 4.

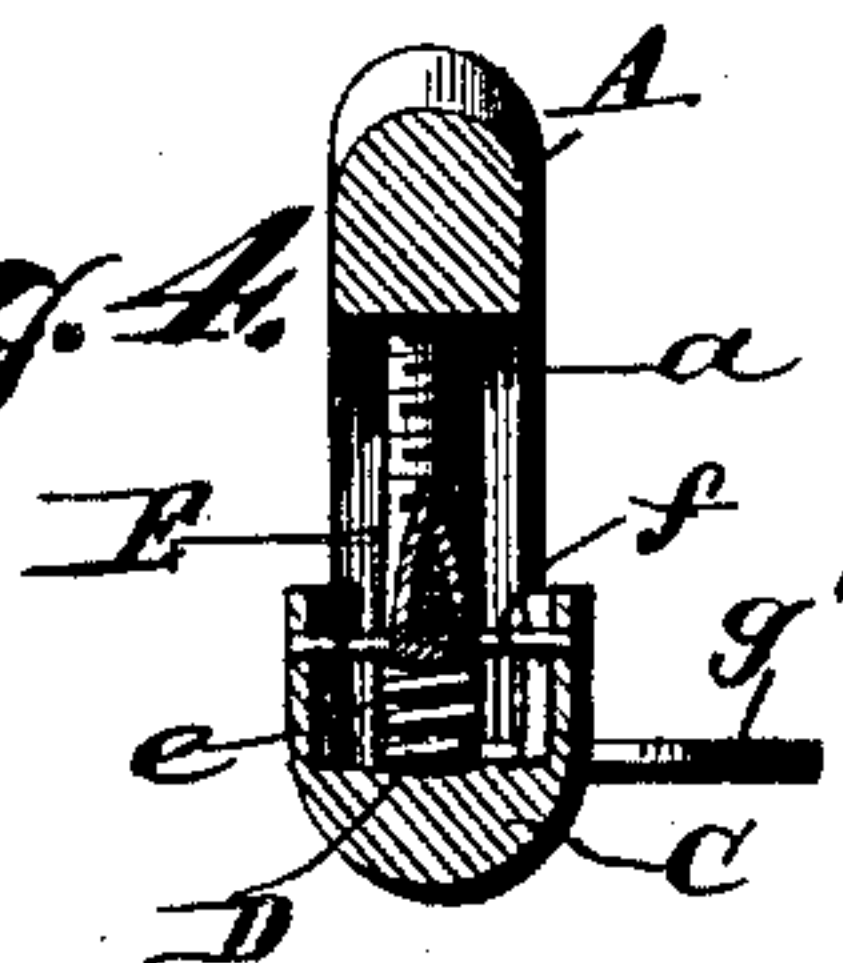
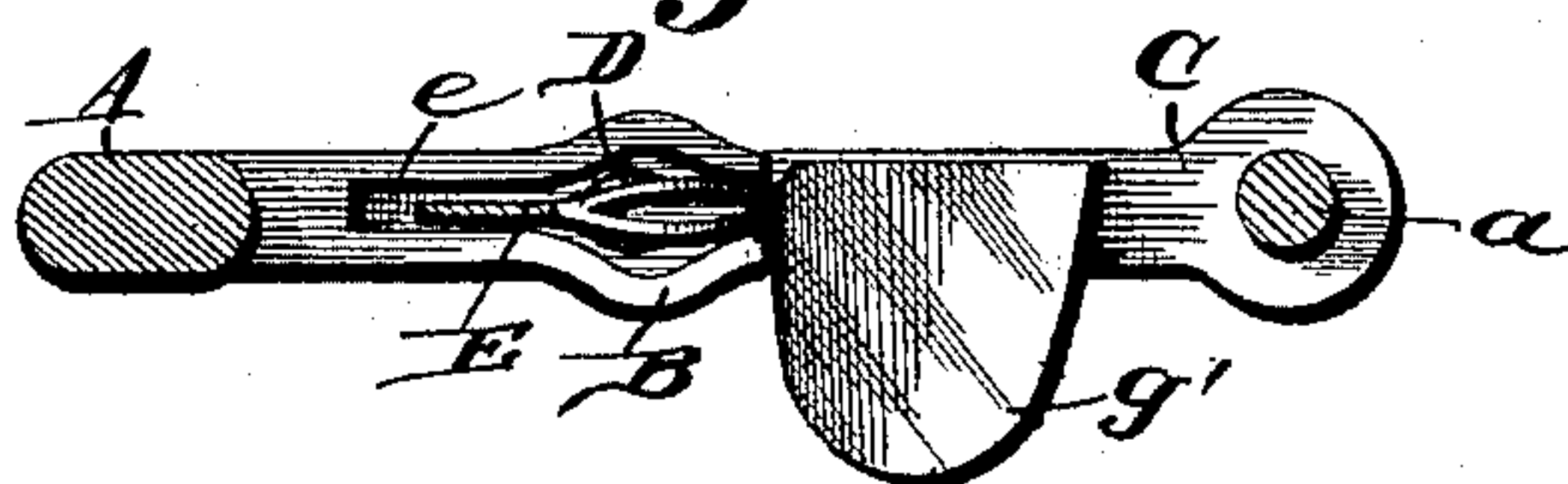


Fig. 3.



WITNESSES.

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COCKEYE.

SPECIFICATION forming part of Letters Patent No. 395,767, dated January 8, 1889.

Application filed October 18, 1888. Serial No. 288,419. (No model.)

To all whom it may concern:

Be it known that I, JOHN B. ALTMAN, a citizen of the United States, residing at Cascade, in the county of Dubuque and State of Iowa, have invented certain new and useful Improvements in Cockeyes; and I do 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, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

This invention relates to cockeyes or means for connecting the trace with the singletree.

The object of the invention is the provision of a cockeye that can be readily attached to and detached from the trace, and which can be quickly adjusted to and removed from the singletree.

The improvement consists of the peculiar construction and combination of the parts, which hereinafter will be more fully described and claimed, and shown in the annexed drawings, in which—

Figure 1 is a side view of a cockeye embodying my invention; Fig. 2, a side view, parts being broken away, of the cockeye; Fig. 3, a horizontal section on the line $x x$ of Fig. 2, and Fig. 4 a cross-section on the line $y y$ of Fig. 2.

The frame A of the cockeye is U-shaped, the open end being closed by the bolt a , which passes loosely through an opening in one limb of the frame and screws in a threaded opening in the other limb. This bolt serves as a means of connection between the trace and the frame A. The limbs near the closed end of the frame are brought close together to form the narrow opening b , which receives the iron or hook at the end of each arm of the singletree. The limb C is expanded laterally at B, and is provided with a vertical socket, d , to receive the spring D and with the channel e to receive the catch E, which is pivoted at f to the frame A. The front portion, g , of the catch extends obliquely across the opening b , and its front end slants to stand at right angles to the opposing sides of the limbs of the

frame, and is expanded on its lower edge near the pivot f at g^2 , to obtain a purchase for the end of the spring D. The rear portion, g' , of the catch is expanded laterally to form a thumb-rest.

In practice the hook or iron on the end of the singletree is passed through the larger opening of the frame and the frame is drawn forward. The hook or iron riding on the catch compresses it, and when the said hook or iron passes the catch the latter will spring up and prevent the accidental displacement of the cockeye. To remove the cockeye from the singletree, press inward on the end g' of the catch, when the frame can be pushed back to disengage the said iron from the opening b and can then be detached.

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

1. The combination, with the cockeye composed of a U-shaped frame, the limbs being brought close together at the closed end of the said frame and one of the limbs having a vertical channel, of the catch pivoted near its lower end in the said channel, and having its upper end inclining upwardly and extending across the space between the said limbs, substantially as and for the purpose described.

2. The combination, with the U-shaped frame having its limbs brought close together near its closed end, and having the channel e , of the catch pivoted in the channel, and having a thumb-rest and the spring, substantially as described.

3. The herein-described cockeye composed of a U-shaped frame having one of its limbs expanded laterally and provided with a vertical opening and with a channel, the catch pivoted to the said limb and adapted to work in the said channel, and the spring, substantially as set forth.

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

JOHN B. ALTMAN.

Witnesses:

CHAS. D. BALDWIN,
HENRY A. GINTER.