J. Q. COLLINS.

OX-YOKE.

No. 175,428. Patented March 28, 1876.

Fig 1

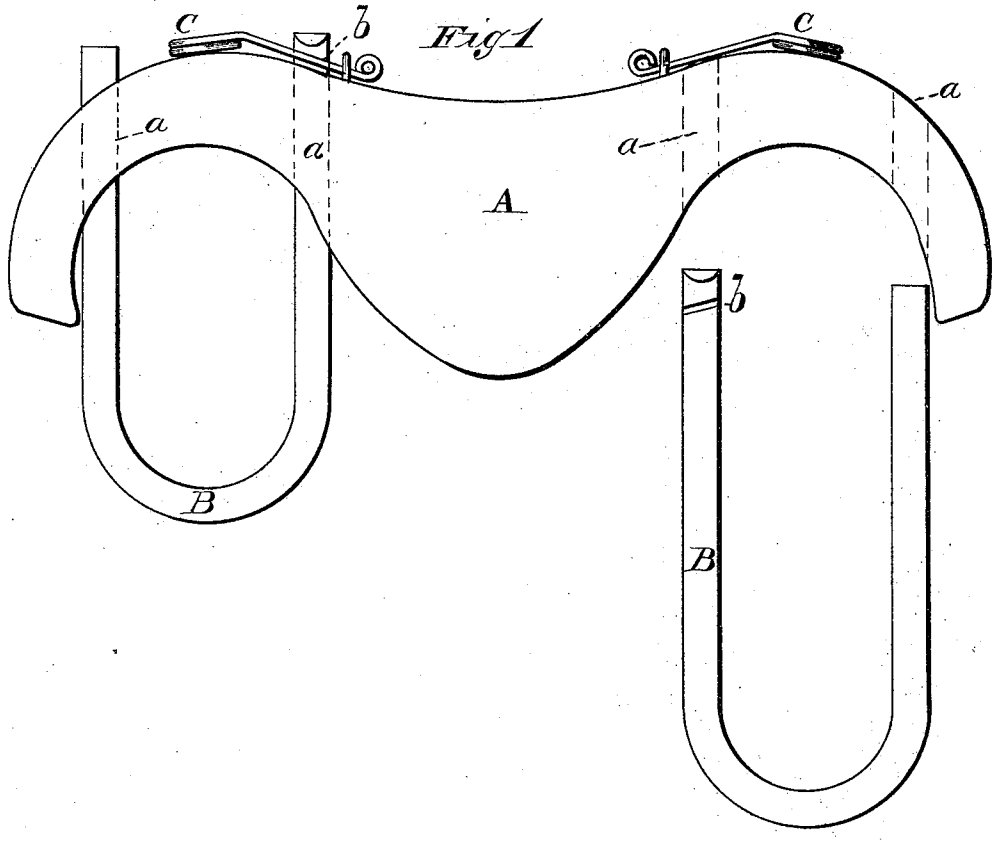
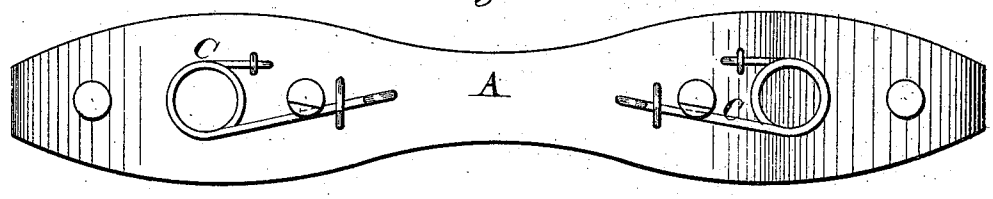


Fig 2



Witnesses
Franck L. Durand.
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UNITED STATES PATENT OFFICE.

JOHN QUINCY COLLINS, OF VASSALBOROUGH, MAINE.

IMPROVEMENT IN OX-YOKES.

Specification forming part of Letters Patent No. **175,428**, dated March 28, 1876; application filed December 1, 1875.

To all whom it may concern:

Be it known that I, JOHN QUINCY COLLINS, of Vassalborough, in the county of Kennebec and State of Maine, have invented certain new and useful Improvements in Ox-Yokes; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it pertains to make and use the same, reference being had to the accompanying drawing and to the letters of reference marked thereon, which form a part of this specification:

Figure 1 is a side elevation with one of the bows detached. Fig. 2 is a top plan view.

This invention relates to an improvement in ox-yokes, and consists more particularly in so attaching and applying a spring to act in connection with the bow, that a ready and speedy means of fastening and securing the bow in place is afforded, while at the same time said spring is so combined with the several parts that the bow can at will be readily detached, all as will now be more in detail explained and set forth.

In the accompanying drawing, A represents an ox-yoke of the ordinary construction; B, the bow; *a a*, the holes in the yoke into which the arms of the bow fit. Near the top of one arm of each bow is a slot, *b*, horizontal, or nearly so. The free end of the spring C will fit into this when the arms of the bow are set into the holes of the yoke, and thus secure and firmly retain said bow in place.

The spring is fastened to the yoke in any suitable way. There may be, if desired, a spring for each arm of the bow—a suitable slot being prepared therein to receive the same—but in ordinary practice it will be found that one spring will answer for each yoke, as I have now, in the accompanying drawing, illustrated said invention.

The advantages of this invention are, that there is no danger of losing the device that secures the bow in place. Under the old form or style of fastening the yoke, it frequently happened that the pin would work loose and fall out. This was a source of no small inconvenience, and sometimes of serious harm. My invention remedies all this, while at the same time the cost of the yoke is not in any material degree increased.

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

The combination of the spring C with the yoke A and bow B, having slot *b*, substantially as and for the purposes set forth.

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

JOHN Q. COLLINS.

Witnesses:
EVERETT R. DRUMMOND,
H. R. BUTTERFIELD.