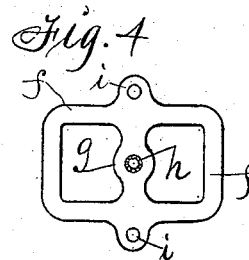
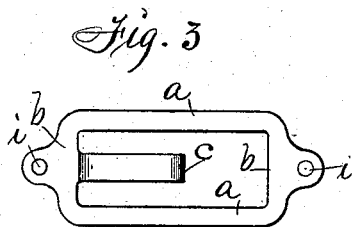
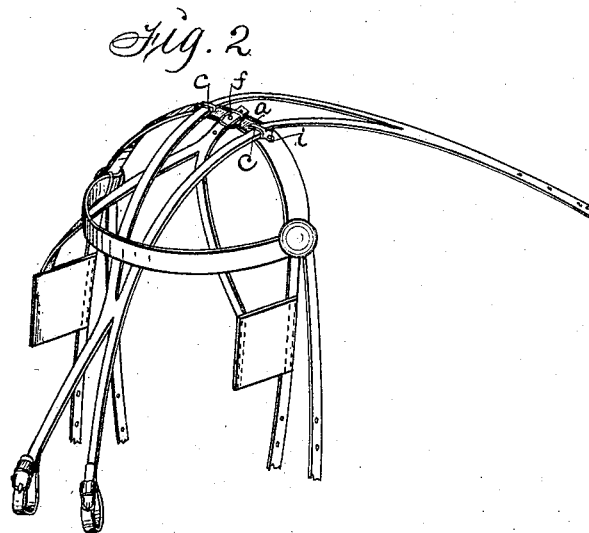
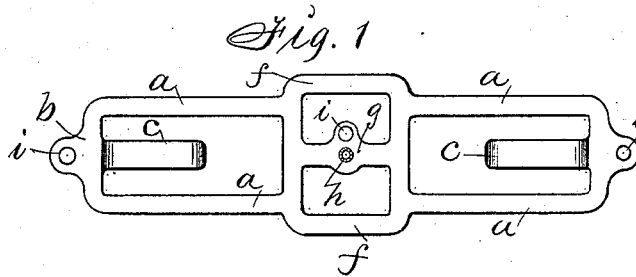


(No Model.)

C. C. SCHWANER.  
BRIDLE ATTACHMENT.

No. 421,016.

Patented Feb. 11, 1890.



Witnesses:  
R. H. Orwig,  
J. M. Sues.

Inventor:  
Christian C. Schwaner,  
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# UNITED STATES PATENT OFFICE.

CHRISTIAN C. SCHWANER, OF WINTERSET, IOWA.

## BRIDLE ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 421,016, dated February 11, 1890.

Application filed April 19, 1889. Serial No. 307,889. (No specimens.)

*To all whom it may concern:*

Be it known that I, CHRISTIAN C. SCHWANER, a citizen of the United States of America, residing at Winterset, in the county of Madison and State of Iowa, have invented a new and useful Crown-Piece Attachment for Bridles, of which the following is a specification.

Heretofore metal loops of different forms have been fixed to the crown-piece of a bridle to receive an overdraw checkrein in such a manner that the rein had longitudinal play, but was restricted from lateral movement while in use on a horse.

My invention consists in the construction of a loop and a buckle, as hereinafter set forth, in such a manner that two loops and a buckle can be integral with each other and jointly attached to a crown-piece, or separately formed and attached, so that the loops will serve as a checkrein-guide and the buckle as a fastening for connecting winkers with the same crown-piece.

In the accompanying drawings, Figure 1 is a top view of my complete device, showing two loops and a buckle formed complete in one piece. Fig. 2 is a perspective view showing the complete device applied to a bridle as required for practical use. Fig. 3 is a top view of a single loop adapted to be attached to a crown-piece. Fig. 4 is a top view of the buckle adapted to be fastened between two loops on a crown-piece.

*a a* are the parallel side bars of an oblong frame, that serves as a base for one of my loops.

*b* is a cross-bar at the outer end of the frame, and *c* is a loop in the form of a tongue that rises from the center of the cross-bar and extends inward midway between the side bars *a* to their longitudinal centers and terminates in a downward bend. The inner ends of the side bars *a* are integral with the side bars *d* of a buckle-frame. These side bars of the buckle are curved downward and their ends are connected by cross-bars *f* and their centers by a cross-bar *g* in such a manner that the cross-bars at the end will be in a higher plane than the center cross-bar and adapted to admit a strap to pass underneath.

*h* is a projection that rises from the center of the cross-bar *g*. Two open loops, adapted

to admit an overdraw checkrein, are thus formed integral with a buckle or central frame, and by means of perforated integral ears *i*, projecting from the loops and buckle, the complete device is readily riveted to the crown-piece of a bridle, as shown in Fig. 2, or when the loops and buckle are formed separately they can be attached singly in succession at the respective points desired.

In the practical use of my loops a checkrein-strap can be readily bent and slipped under the downwardly-bent free end of the tongue in such a manner that the strap will be prevented from lateral movement and free to slide longitudinally, as required to accommodate the motions of a horse's head; and the forked strap or billet attached to the winkers of a bridle can be readily connected with the crown-piece by means of the buckle, as shown in Fig. 2.

I am aware trace-carriers have had tongues combined with a frame in a similar manner to the way in which I form tongues integral with a frame adapted to be fixed to the crown-piece of a bridle to serve as loops to retain a checkrein and to allow it longitudinal motion. I am also aware that two loops have been combined with a crown-piece for the same purpose; but my manner of forming the loops and a buckle and combining them with a crown-piece to connect the checkreins and the winker-straps with the crown-piece is novel and greatly advantageous, in that the tongue that projects inward from the end of the frame is straight and parallel with the sides of the frame and adapted to admit a flat strap, to be placed between the tongue and the frame and to be retained flat as it moves backward and forward in contact with the frame.

I claim as my invention—

1. A crown-piece attachment for bridles, comprising a central frame having parallel side bars extending in opposite directions from its sides, cross-bars at the outer ends of said two pairs of parallel side bars, a tongue rising from each outer end cross-bar and extending toward the central frame midway between the parallel side bars and to their central portions to terminate in a downward bend, and perforated ears projecting from the

cross-bars, formed complete in one piece, for the purposes stated.

2. As an improved article of manufacture, an attachment for bridles, comprising an angular buckle-frame having a central cross-bar and a vertical projection on the center of said bar, an integral oblong frame at each of the two parallel sides of the buckle-frame, and a tongue rising from the center of the outer

end of each oblong frame and extending toward the buckle-frame and terminating in a downward bend at the central portions of the oblong frames, for the purposes stated. 10

CHRISTIAN C. SCHWANER.

Witnesses:

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