

(No Model.)

J. H. ALLEN.
BRIDLE BIT.

No. 422,900.

Patented Mar. 11, 1890.

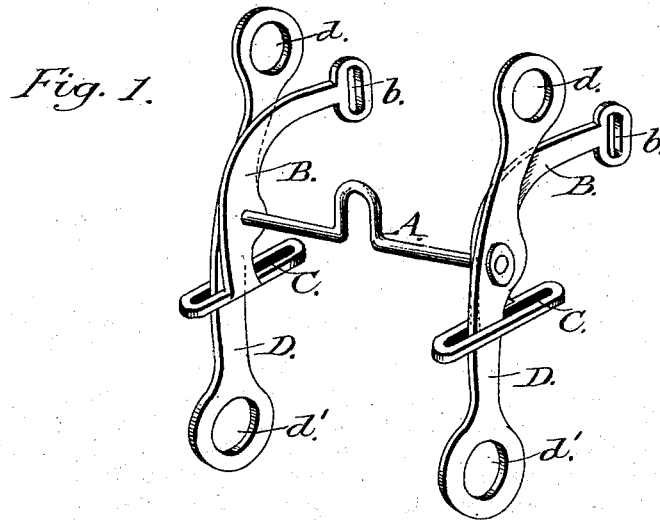
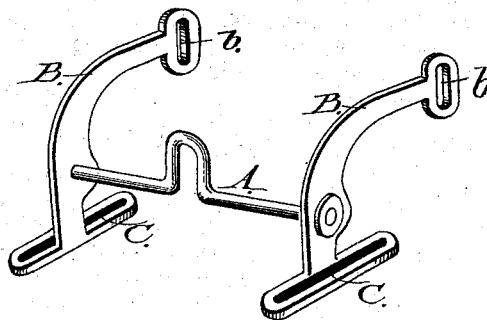


Fig. 2.



WITNESSES

J. D. Fowler,
W. H. Patterson

INVENTOR

John H. Allen,
by A. H. Evans & Co
Attorneys

UNITED STATES PATENT OFFICE.

JOHN HUDSON ALLEN, OF GOLDTHWAITE, TEXAS.

BRIDLE-BIT.

SPECIFICATION forming part of Letters Patent No. 422,900, dated March 11, 1890.

Application filed December 13, 1889. Serial No. 333,633. (No model.)

To all whom it may concern:

Be it known that I, JOHN HUDSON ALLEN, a citizen of the United States, residing at Goldthwaite, in the county of Mills and State of Texas, have invented certain new and useful Improvements in Bridle-Bits, of which the following is a full and clear description, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a perspective view of my improved bit. Fig. 2 is the same, with cheek-bars removed.

My present invention belongs to that class of bits known as curbs, and the object sought to be gained is a bit that will not be severe on a gentle animal, and yet will be sufficient to check the wildest and most vicious; and it consists in the combination of the several devices hereinafter shown and described, and clearly pointed out in the claims.

To enable others skilled in the art to make and use my invention, I will now describe its construction and indicate the manner in which I carry it out.

In the drawings, A represents the mouth-bar of a bridle-bit having rigidly attached thereto, near each end, the curb-plates B B. These curb-plates are curved backward at their upper ends, and are provided with the slots *b b* for the reception of a curb-strap. The lower ends of the curb-plates are bent outwardly, and provided with the transverse slots C C for the reception of the cheek-pieces D D, as shown in Figs. 1 and 2. These cheek-pieces are loosely secured to the outer ends of the mouth-bar and outside of the curb-plates, in order that the cheek-pieces in their movements may not chafe the corners of the animal's mouth, and their being loose on the mouth-bar renders the bit much less liable to be broken. On the upper ends of the cheek-pieces I form the usual rings *d d* for the re-

ception of the head-stall, and similar rings *d' d'* on the lower end for the reception of the reins of the bridle.

It is evident from this description of my invention that in all ordinary riding, while the reins swing loose, the cheek-pieces are playing within the slots C C and causing no pain to the animal, as does the ordinary curb-bit, as the bit must lie smoothly on the animal's tongue; but when the reins are drawn and the curb is tightened it becomes a bit of the greatest severity and sufficient to control the wildest animals, as it has a double leverage, bringing a pressure both in the mouth and on the under jaw at the same time, and requiring less pulling to hold a wild and vicious animal.

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

1. In a bridle-bit, the curb-plates provided with the mouth-bar and having their lower ends bent outwardly and slotted longitudinally, in combination with cheek-plates on the outer ends of the mouth-bar, having their lower ends passing through and guided in the slotted ends of the curb-plates, substantially as herein described.

2. An improved bridle-bit consisting of curb-plates provided with the mouth-bar and having the upper ends provided with slots *b*, and the lower ends formed with longitudinal slots, and the cheek-plates loosely fitted to the outer ends of the mouth-bar and having their opposite ends formed with openings for the attachment of the head-stall and reins, substantially as described.

JOHN HUDSON ALLEN.

Witnesses:

DAN H. TRIPLETT,
J. C. OSBORN,
J. D. URQUHART.