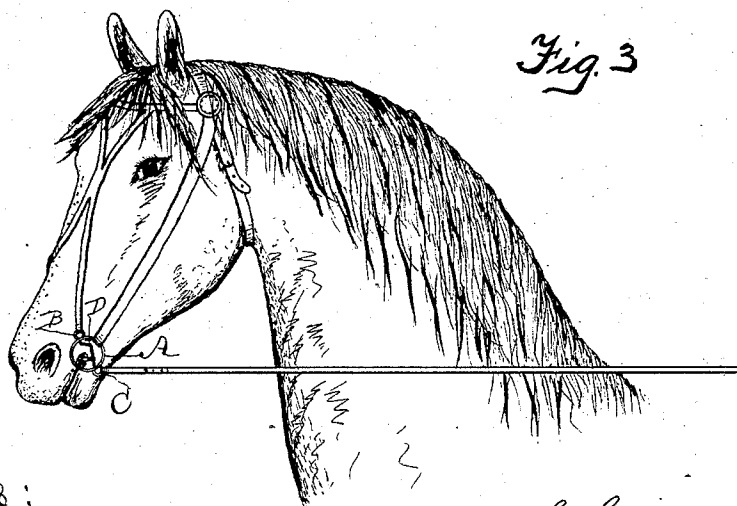
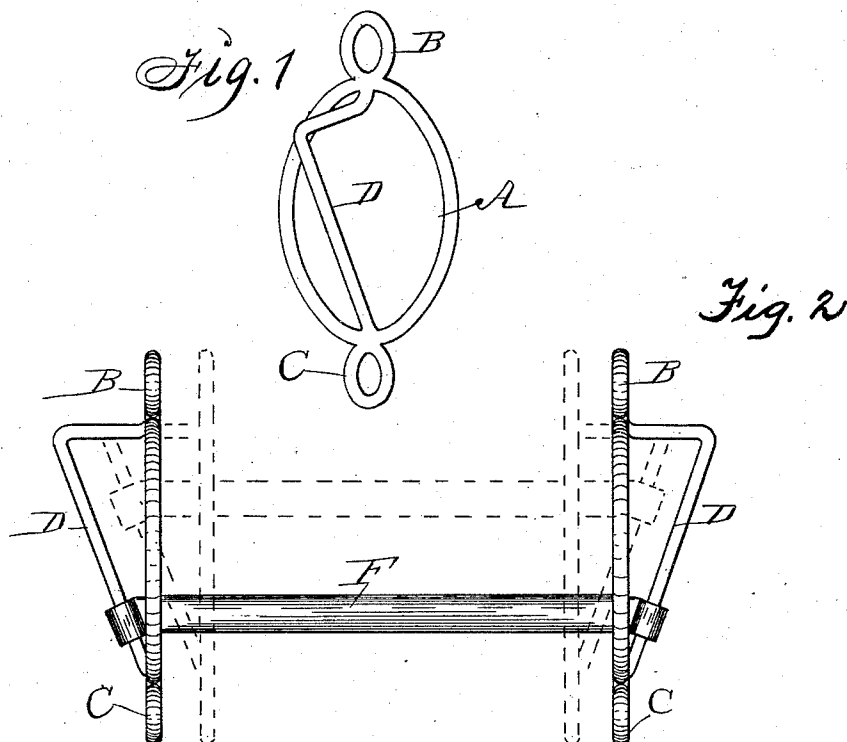


(No Model.)

A. H. CONN.
BRIDLE BIT.

No. 474,368.

Patented May 10, 1892.



Witnesses:

W. J. Saukey.

R. H. Orwig.

Inventor: Andrew H. Conn,

By Thomas G. Orwig, Atty.

UNITED STATES PATENT OFFICE.

ANDREW H. CONN, OF WILTON JUNCTION, IOWA.

BRIDLE-BIT.

SPECIFICATION forming part of Letters Patent No. 474,368, dated May 10, 1892.

Application filed June 16, 1891. Serial No. 396,424. (No model.)

To all whom it may concern:

Be it known that I, ANDREW H. CONN, a citizen of the United States of America, residing at Wilton Junction, in the county of Muscatine and State of Iowa, have invented a new and useful Bridle-Bit, of which the following is a specification.

My object is to get better control of a horse by means of a bridle-bit, as required, to prevent the dangers and accidents incident to the use of bits that can slide laterally in a horse's mouth when power is applied to the bit by means of reins, to direct and govern the animal while in motion or to check speed and arrest advance whenever desired.

Heretofore bridle-bits have been constructed in such a manner that power applied to the reins would force the mouthpiece upward relative to the cheek-pieces and the jaw of a horse; but in no instance have the cheek-pieces been drawn inward relative to the mouthpiece and the nose of a horse to pinch the animal by the pressure of the cheek-pieces at the same time that the mouthpiece is pressed upward against the upper jaw by force applied to the bit by means of reins attached to the bit.

My invention consists in the construction and combination of two cheek-pieces and a stiff mouthpiece, as hereinafter set forth, in such a manner that when power is applied to reins connected with the cheek-pieces when the mouthpiece is in a horse's mouth the cheek-pieces will move toward each other, as required, to press against the sides of the horse's mouth, and the mouthpiece will move upward relative to the cheek-pieces, as required, to press upward against the upper jaw of the animal.

In the accompanying drawings, Figure 1 is a perspective view of one of the cheek-pieces. Fig. 2 shows the two mating cheek-pieces connected by means of the mouthpiece, as required, to produce a complete bridle-bit. Dotted lines indicate the positions the three pieces

will assume relative to each other when the reins are pulled hard enough to contract the bit, as required, to cause the cheek-pieces to press against the sides of a horse's mouth and the connecting cross-bar or mouthpiece to slide upward to press against the upper jaw of an animal. Fig. 3 is a perspective view showing the bit in a bridle on a horse, as required for practical use.

A represents a frame or ring and the main part of one of the mating cheek-pieces.

B is an integral loop or ring adapted for connecting a nose-band therewith.

C is a corresponding integral loop or ring at the lower part of the ring A, adapted for connecting a driving-rein therewith.

D is an integral bearer for the mouthpiece. It inclines outward and upward from its lower end and extends inward at right angles at its top end.

The parts A, B, C, and D constitute one of the complete cheek-pieces of the mating pair that are alike in all respects, excepting one is for the right side and the other for the left side.

F is the mouthpiece in the form of a stiff cross-bar that has flat ends inclined relative to its longitudinal axis and bent around the bearers D of the cheek-pieces, as required to produce sliding connections and a complete bit that can be readily applied and operated in the manner and for the purposes stated.

I claim as my invention—

A bridle-bit consisting of mating cheek-pieces, each of which has a mouthpiece-bearer inclined outward and upward from its lower portion and elbow-shaped at its top portion and a cross-bar or rigid mouthpiece having sliding connection at its ends with said bearers to operate in the manner set forth, for the purposes stated.

ANDREW H. CONN.

Witnesses:

G. H. WALDRON,
F. C. MICHAEL.