

No. 720,679.

PATENTED FEB. 17, 1903.

C. DAVIS.
BRIDLE BIT.

APPLICATION FILED SEPT. 20, 1901.

NO MODEL.

Fig. 1.

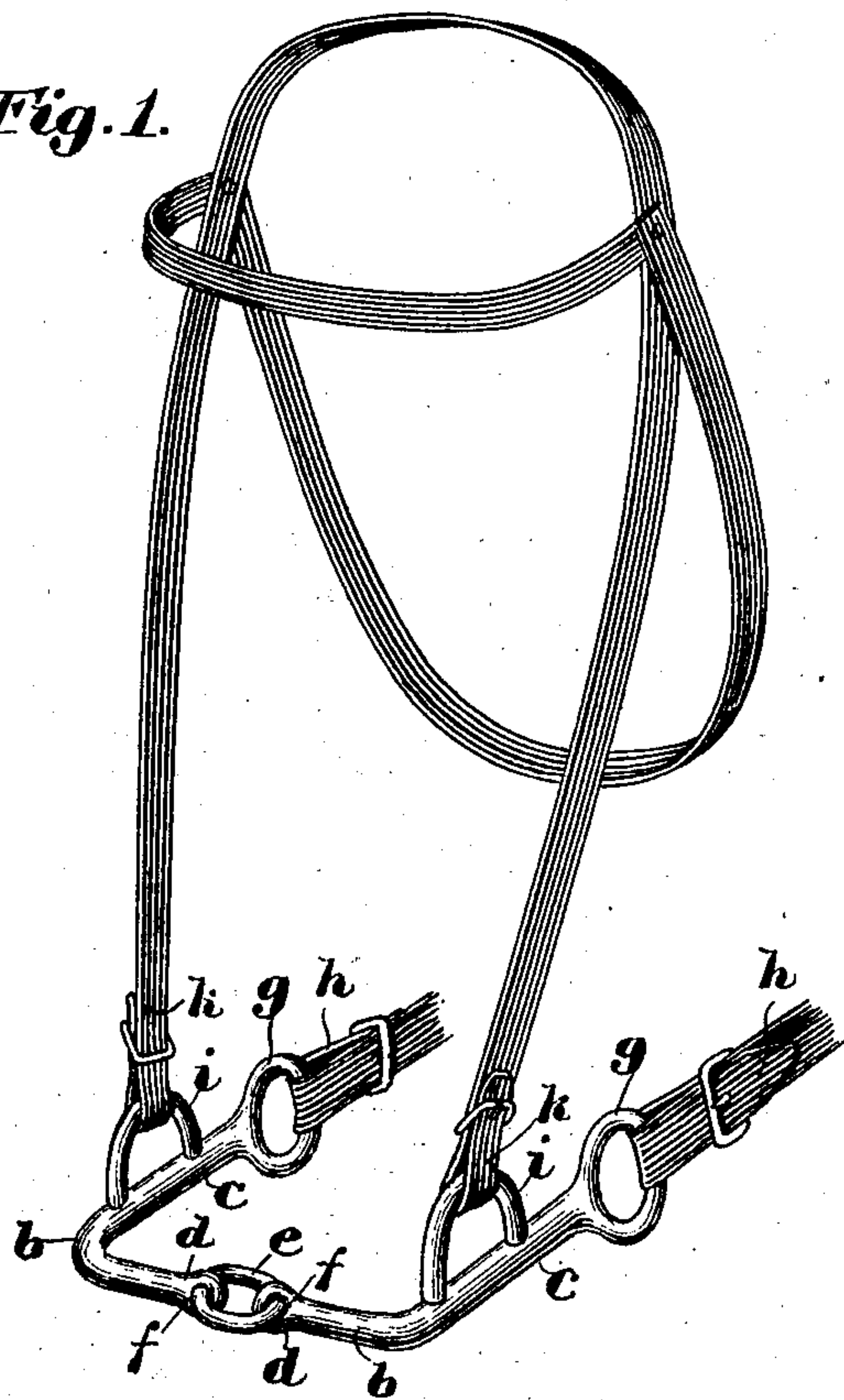
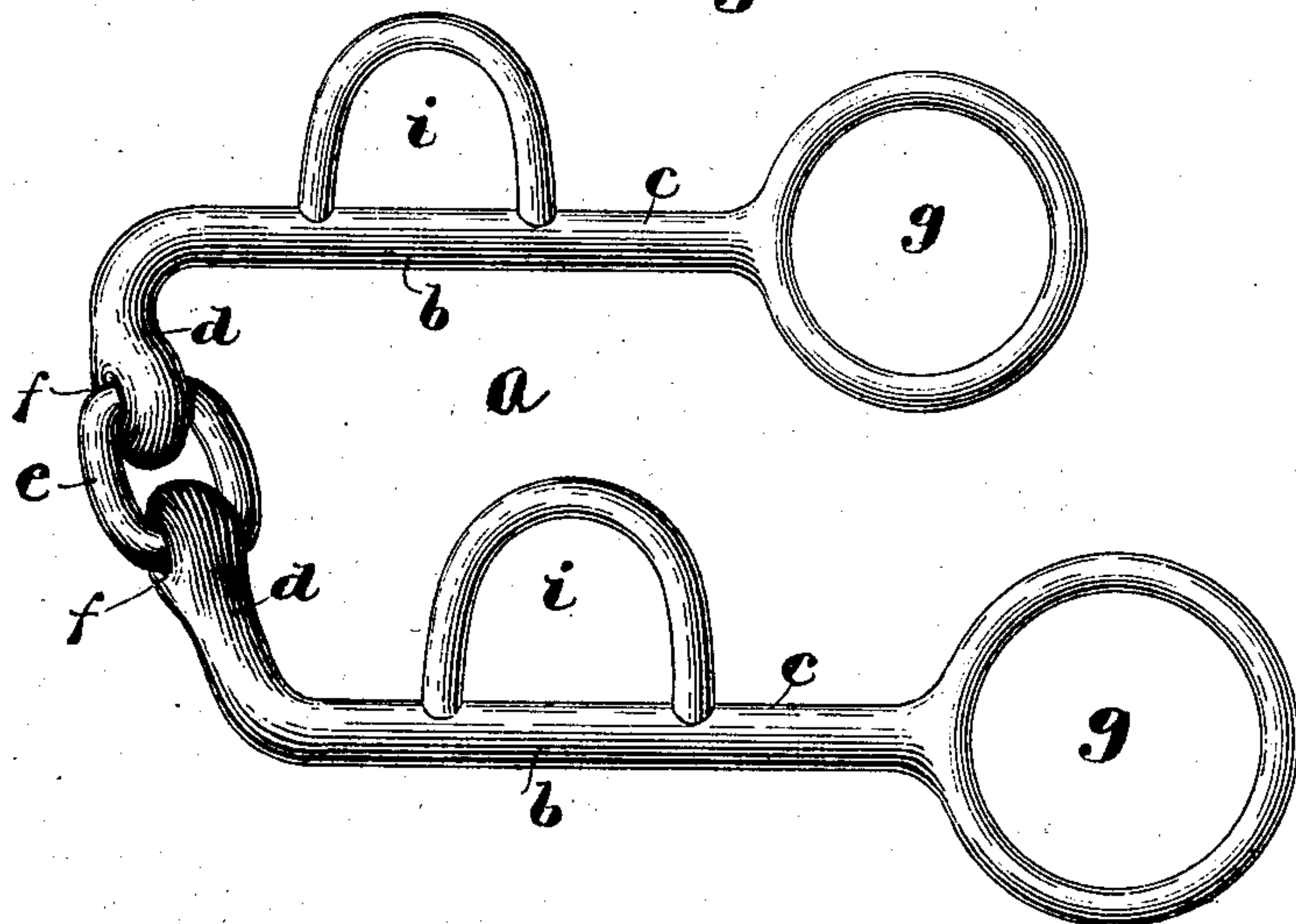


Fig. 2.



Witnesses:

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UNITED STATES PATENT OFFICE.

CRIT DAVIS, OF HARRODSBURG, KENTUCKY.

BRIDLE-BIT.

SPECIFICATION forming part of Letters Patent No. 720,679, dated February 17, 1903.

Application filed September 20, 1901. Serial No. 75,719. (No model.)

To all whom it may concern:

Be it known that I, CRIT DAVIS, a citizen of the United States, residing at Harrodsburg, in the county of Mercer and State of Kentucky, have invented certain new and useful Improvements in Bridle-Bits; and I do hereby 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.

My invention relates to harness-bits both for riding and driving bridles.

The object of the present invention is to produce a simple and strong bit constructed and arranged in substantially two hook-like parts which may be drawn rearwardly independently of each other, avoiding thereby any pinching of the horse's cheek when a pull is exerted on one line or the other.

A further object of the present invention is to produce a simple bit which while under ordinary conditions is perfectly comfortable to the horse, yet acts to readily subdue and control a vicious and hard-mouthed horse.

Prior to my invention it has been proposed to produce bridle-bits having pivoted mouth-bars so arranged that a pull on the lines will cause the mouth-bars to buckle up and engage the roof of the mouth and to apply pressure on the lower jaw of the animal; but said devices as a rule have been of a very complicated construction and in the simplest form necessarily required the use of a curb or jaw-band to insure its effective operation.

In the present invention the bit is of the simplest form, and the lines are connected directly to the rear ends of the jaw-pieces, whereby a cheaper and much more effective bit is produced.

The invention consists of the improved bridle-bit shown in the accompanying drawings and which will now be described and claimed.

In the drawings, Figure 1 represents a perspective view of a bridle with my improved bit connected thereto. Fig. 2 is an enlarged perspective view of the bit detached from the bridle.

The bit as a whole is indicated by the letter *a* and comprises two main members *b*, such members having the parallel jaw-pieces

c and the integrally-formed arms *d* at their forward ends, which are arranged substantially at right angles to the jaw-pieces *c* and at their inner ends are pivotally connected together, preferably by means of a ring *e*, passing through the eyes *f*.

Instead of the pivotal connection shown, which, however, is the preferred form, any usual form of pivotal connection may be employed.

At the rear ends of the jaw-pieces *c* are rings or eyes *g*, into which the reins or lines *h* are secured.

Projecting rearwardly from the jaw-pieces *c*, at a point substantially equidistant from the ends of the jaw-pieces, are loops or eyes *i*, into which the lower ends of the cheek-straps *k* are fastened.

The operation of the device is as follows: When driving or riding a horse under ordinary conditions, a gentle pull on either line *h* will move the corresponding hook-like member *c* rearwardly parallel to itself, transmitting the pressure to the mouth of the horse without pinching the cheek between the bit and the horse's teeth. In case the horse becomes fractious, a considerable force exerted upon one or both lines will force one or both members rearwardly and the inner ends against the roof of the animal's mouth, tending to pry apart its jaws and preventing the bit from being held between the teeth. The bit under normal conditions, if the animal is easily controlled, is perfectly comfortable to the animal's mouth; but when desired it may be quickly converted into an instrument of great power and will effectually bring under subjection the most unruly animal.

It is to be noted that my bit is of an extremely simple form, and by means of the integral construction of the mouth-bar and jaw-pieces with the lines connected directly to the ends of the jaw-pieces a very strong and effective bit is produced.

Having described the construction and mode of operation of my invention, I claim as new and desire to secure by Letters Patent of the United States—

A bridle-bit comprising two members connected together by a link, forming a mouth-piece, jaw-pieces extending rearwardly from

said member and substantially at right angles thereto, rings or eyes at the rear ends of the jaw-pieces, adapted to receive the driving-lines and vertically-disposed eyes arranged intermediate the ends of the jaw-pieces and adapted to receive the cheek-straps of the bridle, for the purpose set forth.

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

CRIT DAVIS.

Witnesses:

G. H. RYDER,
CHAS. S. VOORHIES.