

G. E. BIGGART.
BRIDLE BIT.
APPLICATION FILED JULY 2, 1910.

989,479.

Patented Apr. 11, 1911.

Fig. 1.

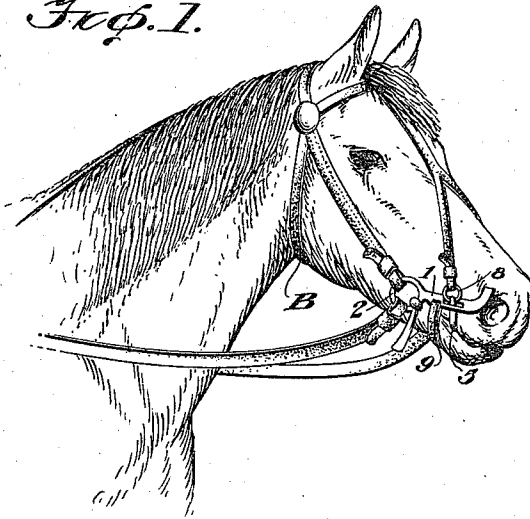


Fig. 3.

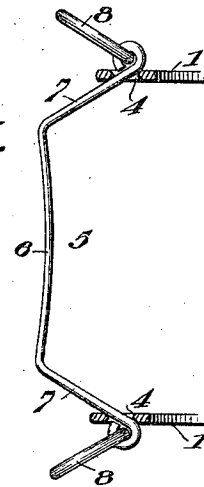
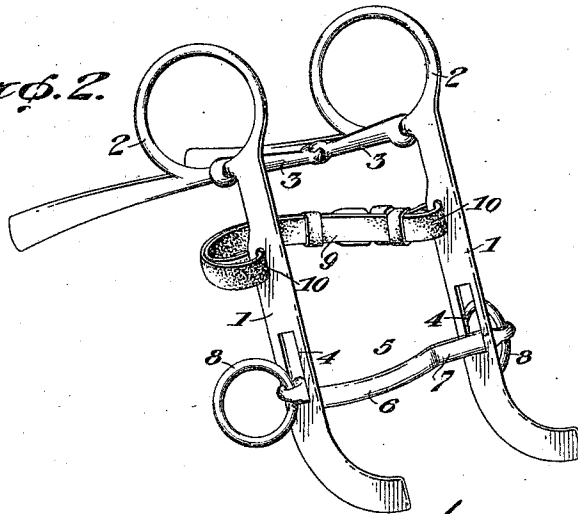


Fig. 2.



Witnesses

Gloyd W. Patch
A. A. Hammond

Inventor

George E. Biggart

By

Vernon C. Dodge
his Attorney

UNITED STATES PATENT OFFICE.

GEORGE E. BIGGART, OF SANDY HILL, NEW YORK.

BRIDLE-BIT.

989,479.

Specification of Letters Patent.

Patented Apr. 11, 1911.

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To all whom it may concern:

Be it known that I, GEORGE E. BIGGART, a citizen of the United States, residing at Sandy Hill, in the county of Washington and State of New York, have invented certain new and useful Improvements in Bridle-Bits, of which the following is a specification.

My invention relates to an improvement in bridle bits, and more particularly to what may be termed an adjustable side rein bit, and the object is to prevent the horse from putting out his tongue; also to prevent pulling on one side; and further to prevent the animal from pulling hard on the bit.

With the foregoing objects in view, my present invention consists in connection with an ordinary bit, of a bit slidably connected with the side-bars, and to the ends of which the check or other rein is secured.

My invention further consists in certain novel features of construction and combinations of parts which will be hereinafter described and pointed out in the claims.

In the accompanying drawings:—Figure 1 is a view in perspective, showing the bit applied, Fig. 2 illustrates the bit detached, and Fig. 3 is a detail.

The numerals 1, 1, indicate the usual side-bars of a bit, having the rings 2, 2, at the upper end, to which the side straps of the bridle B, are attached.

The numerals 3, 3, indicate the snaffle sections of the bit connected together at the center in the usual fashion, and to the side bars at the lower ends of the rings.

The side bars are provided at or near their lower ends with elongated slots 4, 4. The lower bit 5, which consists in a narrow bar of metal preferably rounded more or less on its opposite surfaces, curved through the center 6, and deflected at the ends as at 7, 7, has its ends passed loosely through the

elongated slots in which they move freely, and to the extreme ends the rings 8, 8, are connected for attachment to the bridle or other rein. The numeral 9 indicates the curb strap, which passes back of the chin, and is strapped into the side-bars at 10, 10. This lower bit slides freely and is adapted to extend just above the tongue to prevent the horse from throwing his tongue out, and by reason of its peculiar formation, pulling on the bit is precluded, as it creates a pressure on the tongue and mouth which the horse is not likely to resist, thus rendering him manageable and easy to drive.

More or less slight changes might be resorted to in the form and arrangement of the several parts described without departure from the spirit and scope of my invention, and hence I do not wish to limit myself to the exact construction herein set forth, but:—

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

1. A bit comprising side-bars, snaffle sections, and lower bit slidably attached to the side-bars, and having means for attachment to the bridle or other rein.

2. A bit comprising side-bars having slots, snaffle sections, and a lower bit slidably attached to the side-bars and having means for attachment to the bridle or other reins, said lower bit having a central portion and ends bent so as to diverge from the central portion at a more or less obtuse angle thereto, said ends being passed loosely through the slots in the side bars of the bit.

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

GEORGE E. BIGGART.

Witnesses:

CHARLES R. PARIS,
AMBROSE CORCORAN.