

J. M. FABRE.
Bridle-Bits.

No. 140,023.

Patented June 17, 1873.

Fig. 1.

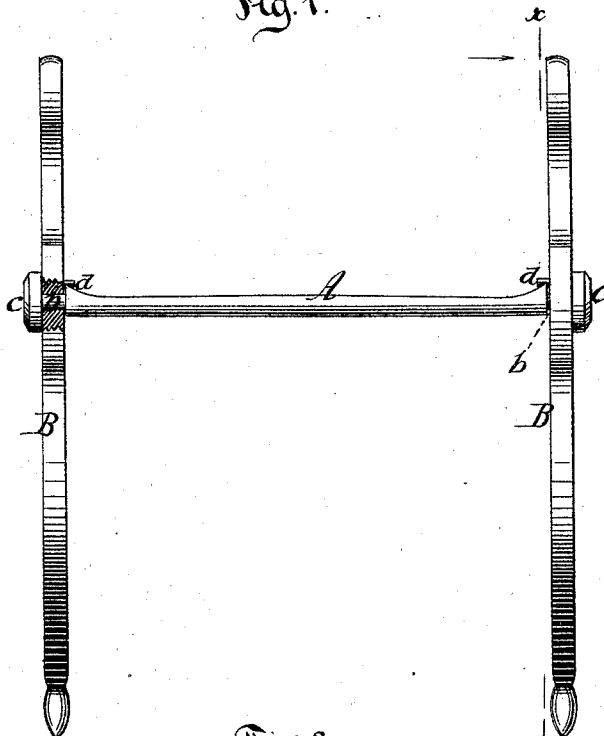


Fig. 2.

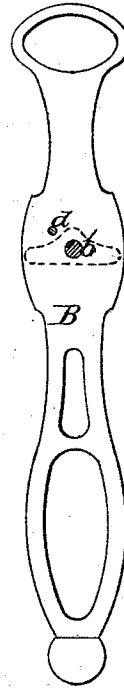
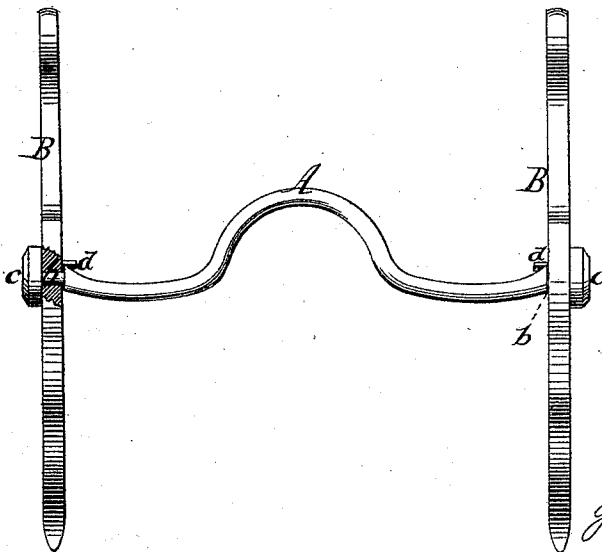


Fig. 3.



Witnesses.
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JULES M. FABRÉ, OF BORDEAUX, FRANCE.

IMPROVEMENT IN BRIDLE-BITS.

Specification forming part of Letters Patent No. **140,023**, dated June 17, 1873; application filed April 4, 1873.

To all whom it may concern:

Be it known that I, JULES MAURICE FABRÉ, of Bordeaux, France, have invented a new and useful Improvement in Bridle-bits; and I do hereby declare the following to be a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification, in which drawing—

Figure 1 represents a plan view of my bit. Fig. 2 is a transverse section of the same in the plane $x x'$, Fig. 1, and looking in the direction of the arrow opposite to that line. Fig. 3 is a plan view of a modification of the same.

Similar letters indicate corresponding parts.

This invention relates to a bridle-bit, the mouth-piece of which has a revolving or oscillating motion in the side bars, and is made flat, and with rounded edges, while the side-bars are provided with stops which limit the oscillations of the mouth-piece, in such a manner that when the rein is strained the mouth-piece bears with its flat surface upon the mouth of the horse, and all undue pain is avoided.

In the drawing, the letter A designates the mouth-piece of my bit, which is made flat, with its corners or edges carefully rounded. The ends of this mouth-piece form gudgeons,

b , which are fitted into holes in the side bars B, being retained therein by heads, c , which are riveted or otherwise fastened to the extreme ends of said gudgeons. In the inner surfaces of the side bars B, are secured pins, d , which form stops, whereby the rotary motion of the mouth-piece is confined within certain limits. The mouth-piece may be curved, as shown in Fig. 3.

In bits, as usually constructed, the mouth-piece is rigidly attached to the side bars, and if the rein is strained, the bit subjects the horse to a severe pain, which in many cases causes him to run away. This disadvantage is successfully avoided by my bit, and at the same time by means of the stops in the side bars the required pressure can be effected to hold a restive horse.

What I claim as new and desire to secure by Letters Patent, is—

A bridle-bit, the mouth-piece of which has an oscillating motion, independent of and within the side bars, which have stops confining said oscillating motion of the mouth-piece within certain limits, substantially as shown and described.

J. MAURICE FABRÉ.

Witnesses:

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