

S. A. SULECIO.
BRIDLE BIT.
APPLICATION FILED JUNE 3, 1912

1,046,897.

Patented Dec. 10, 1912.

Fig. 1.

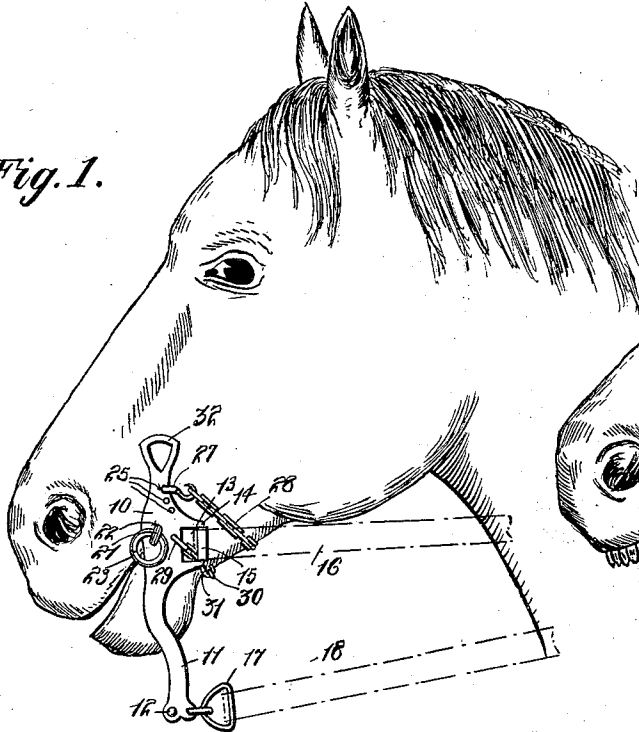


Fig. 6.

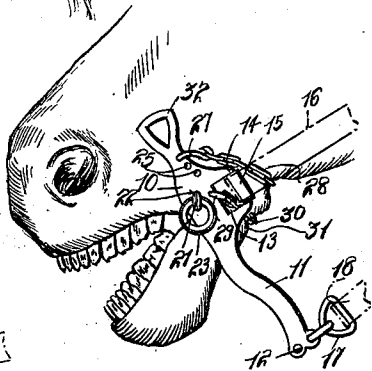


Fig. 2.

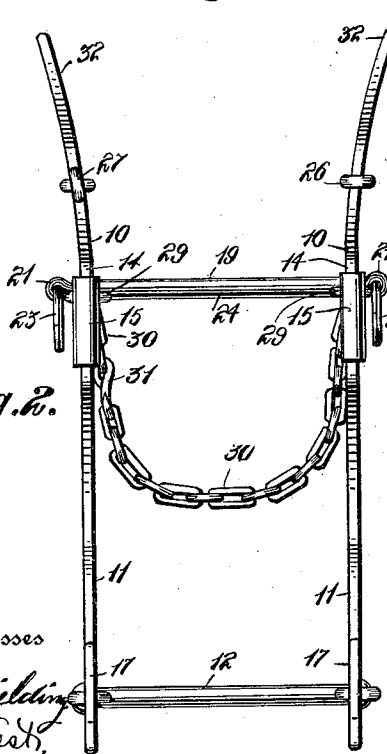


Fig. 4.

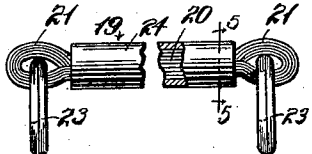


Fig. 5.

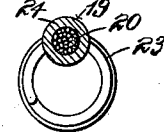
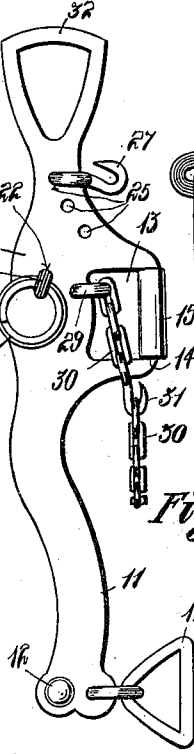


Fig. 3.



Witnesses
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UNITED STATES PATENT OFFICE.

SALVADOR A. SULECIO, OF GUATEMALA, GUATEMALA.

BRIDLE-BIT.

1,046,897.

Specification of Letters Patent.

Patented Dec. 10, 1912.

Application filed June 3, 1912. Serial No. 701,366.

To all whom it may concern:

Be it known that I, SALVADOR A. SULECIO, a citizen of the Republic of Guatemala, residing at Guatemala, Guatemala, 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.

This invention relates to improvements in harness and more particularly to a bridle bit.

One object of the invention is to provide a simple device of this character which is adjustable to different sized horses.

Another object is to provide a device of this character which may be comfortably adjusted to the horse without the use of the ordinary head and cheek straps of a bridle.

Other objects and advantages will be apparent from the following description and with particular reference to the accompanying drawings.

In the drawings: Figure 1 is a side elevation of a horse's head showing my device applied, Fig. 2 is a rear elevation of the bit, Fig. 3 is a side elevation of the bit, Fig. 4 is an enlarged elevation of the bit bar, Fig. 5 is a vertical transverse sectional view on the line 5-5 of Fig. 4, and Fig. 6 is an elevation of the device showing the use of the device as a strangler.

Referring particularly to the drawings, 10 represents the pair of curb cheek bars which are formed on their lower ends with the curb-levers 11, the lower ends of said levers being connected by the transverse bar 12. In each of the curb cheek bars is a recess 13, across which extends a connecting bar 14 carrying a bushing or sleeve 15, and to which are attached the forward ends of the reins 16. On the lower ends of the curb-levers are the rings 17 for attachment of the curb straps 18. The bit bar 19 is composed of a piece of fine wire 20 coiled or wound, as shown, to form a series of closed loops, the ends 21 of which project through openings 22 in the cheek bars, and have the key rings 23 passed through the projecting ends of

said loops. Over the portions of the loops between the cheek bars and completely inclosing the same is a rubber sleeve 24. By forming the bit bar of the fine strands of wire produces a device of great flexibility, and in connection with the rubber covering a bit bar which is more comfortable than the ordinary metal bits. By this arrangement, when it is desired to make the bit bar shorter, the same is removed from the cheek bars, and the wire recoiled into shorter loops.

In the upper portion of each of the cheek bars are formed the openings 25, those of one cheek bar receiving a ring 26, while those of the other bar receive a hook 27. Carried by the ring 26 is a chain 28 the links of which are adapted to be engaged with the hook 27 after first being passed under the horse's jaw. Secured to each of the cheek bars, at the inner ends of each of the openings 13 is a ring 29, each carrying a chain 30. One of the chains has a hook 31 for engagement of the links of the other chain, which chain is also passed under the horse's jaw, and by virtue of the fact that the horse's lower lip has an enlargement, the chains will prevent the device from slipping off the horse's head. As a general rule I do not use any cheek or head straps with this bit, but to provide for the use of a head strap, if desired, I form the loops 32 on the upper ends of the cheek bars.

In ordinary driving, the reins which are attached to the bushings 15 are used, these simply pulling the bit backwardly into the horse's mouth.

In using the device as a curb the reins may be attached to the rings 17, or auxiliary reins are attached to the said rings. When pulling on the reins which are attached to the rings 17 the cheek bars will be rotated with the bit as the center thus causing the chain 28 to be drawn tight against the horse's lower jaw and the jaw to be then clamped by wedging action between the bit and the chain 30.

What is claimed is:

In a bit, a pair of cheek bars, a flexible

bit member detachably secured thereto, means for attaching driving reins and curb reins to such cheek bars, a flexible member, adjustable in length, and having its ends secured to the cheek bars behind the bit member, and a flexible member, adjustable in length, and having its ends secured to the cheek bars above the bit member by means

adjustable toward and away from said bit member.

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

SALVADOR A. SULECIO.

Witnesses:

GEO. H. CHANDLEE,
LEANDER SAFFORD.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."