

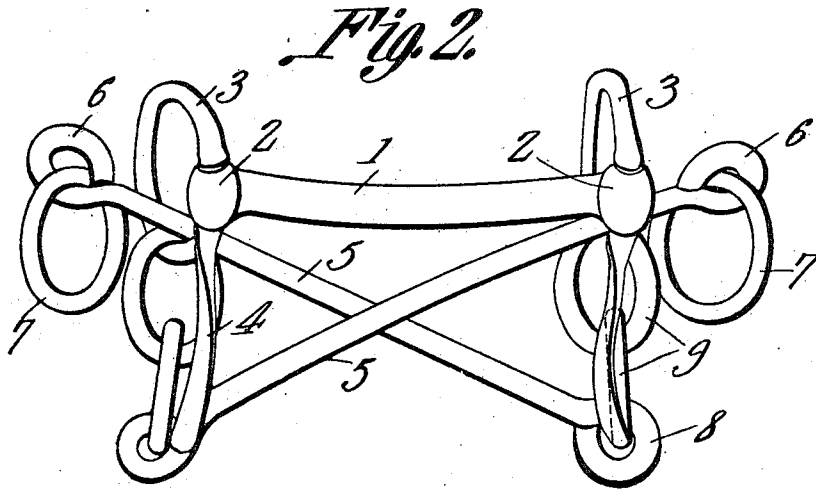
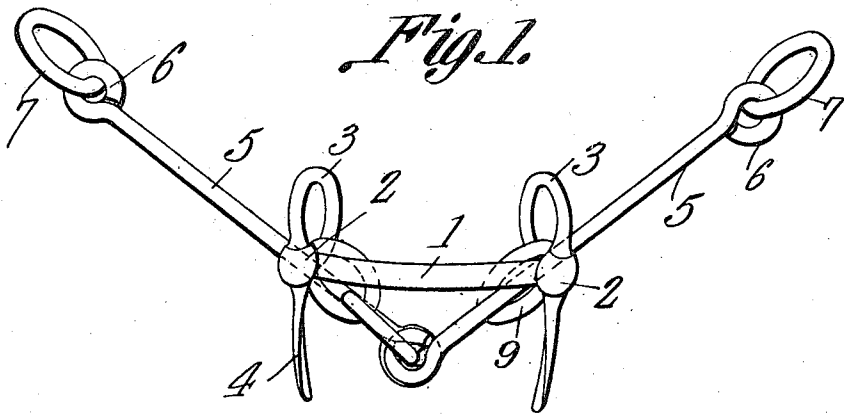
O. SMITH.

BIT.

APPLICATION FILED APR. 21, 1910.

981 488.

Patented Jan. 10, 1911.



Witnesses

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UNITED STATES PATENT OFFICE.

OSCAR SMITH, OF GLEN HAVEN, WISCONSIN.

BIT.

981,488.

Specification of Letters Patent.

Patented Jan. 10, 1911.

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To all whom it may concern:

Be it known that I, OSCAR SMITH, a citizen of the United States, residing at Glen Haven, in the county of Grant and State of Wisconsin, have invented a new and useful Bit, of which the following is a specification.

This invention relates to bits.

The object of the invention is to provide a bit by means of which the wildest colt or horse can be curbed and held in absolute subjection.

Further objects of the invention are generally to improve and simplify the construction of bits as well as to increase their efficiency in use.

With the foregoing and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of invention herein disclosed can be made within the scope of the claims without departing from the spirit of the invention.

In the accompanying drawings forming part of this specification:—Figure 1 is a view showing the improved bit after pressure has been applied to the reins so as to draw the jaw bars into their outer position. Fig. 2 is a view somewhat similar to Fig. 1 but showing the jaw bars in the position which they occupy before pressure is brought on the reins.

Like reference numerals indicate corresponding parts in the different figures of the drawing.

The reference numeral 1 indicates the mouth piece of the bit, said mouthpiece being provided at the ends thereof with the eyes 2 in which are pivotally mounted the bit rings 3. Extending downwardly from the mouth-piece 1 are the usual guards 4.

Extending diagonally through each of the rings 3 is a jaw bar 5 which is provided at its outer end with an eye 6 with which is connected a ring 7 to which the reins are se-

cured. At its inner end, each of the jaw bars 5 is provided with an eye 8 with which is connected a link member or chain 9 which at its opposite end is engaged with the eye 3 at the opposite end of the mouth piece.

The improved bit is connected with the bridle in the usual manner. In placing it in position in the horse's mouth, the mouth piece 1 is inserted between the teeth of the animal in the usual manner. The cross jaw bars 5 are fitted below the lower jaw so that said jaw extends in between the mouthpiece 1 and the cross bars 5. When pressure is brought to bear upon the reins connected with the eyes 7, the jaw bars 5 are moved from the position shown in Fig. 2, approximately to that shown in Fig. 1. This action of the bit causes the jaw bars and chains 9 to be tightened below the jaw of the animal. Moreover the long outer ends of the jaw bars 5 provide a leverage by which a comparatively light pressure on the reins will exert an enormous pressure on the jaw of the horse thus holding him in complete subjection.

The bit of the present invention is strong, simple, durable and inexpensive in construction as well as thoroughly efficient and practical in use.

What is claimed as new is:—

1. A bit comprising a one piece mouth piece, a bit ring attached to each end thereof, and a jaw bar extending through each bit ring and having a link connection with the other bit ring.

2. A bit comprising a one piece mouth piece, a bit ring pivotally connected with each end thereof, a jaw bar extending through each bit ring and having a chain connected therewith and with the other bit ring.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

OSCAR SMITH.

Witnesses:

CHRIS SHABEN,
ROBERT FISCHER.