

(No Model.)

J. CARTER.
OVERDRAW CHECK BIT.

No. 536,068.

Patented Mar. 19, 1895.

Fig. 1.

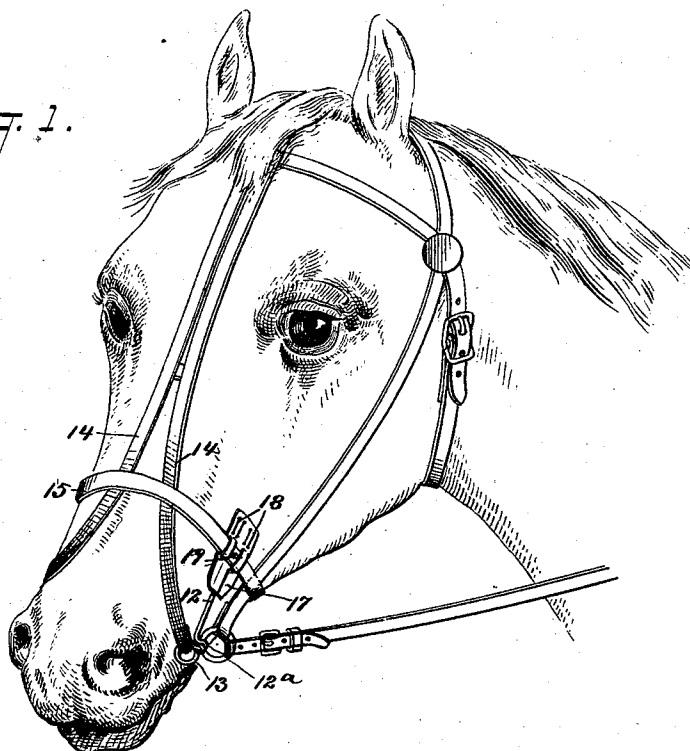
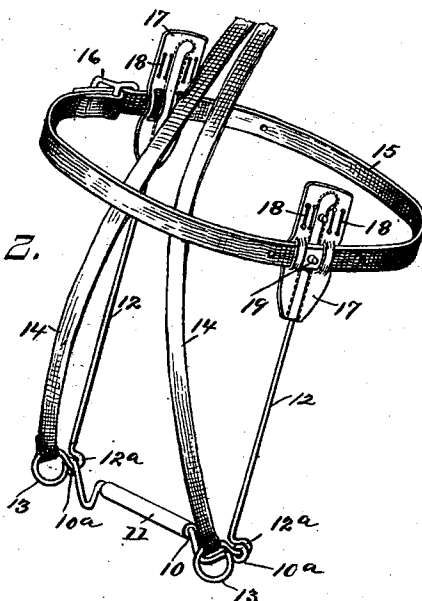


Fig. 2.



WITNESSES:

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JOSEPH CARTER, OF BLYTH, CANADA.

OVERDRAW-CHECK BIT.

SPECIFICATION forming part of Letters Patent No. 536,068, dated March 19, 1895.

Application filed March 2, 1894. Serial No. 502,036. (No model.)

To all whom it may concern.

Be it known that I, JOSEPH CARTER, of Blyth, in the Province of Ontario and Dominion of Canada, have invented a new and Improved Overdraw-Check Bit, of which the following is a full, clear, and exact description.

My invention relates to an over-draw check bit, independent of the driving bit, and which will stay in any position in which it may be placed, and which also will not move up or down in the horse's mouth when the horse is checked.

A further object of the invention is to construct such a bit in a durable, simple and economic manner.

The invention consists in the novel construction and combination of the several parts, as will be hereinafter fully set forth, and pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar figures of reference indicate corresponding parts in both figures.

Figure 1 is a perspective view of the improvement applied, and Fig. 2 is a perspective view of it detached.

The ordinary over-draw check bit, when not attached to the driving bit, will pull upward so far in the horse's mouth that the cheeks are pressed against the front molars or grinders, thus irritating the mouth and rendering the horse exceedingly unsteady and uncomfortable. Furthermore, an over-draw bit which is in connection with the driving bit irritates the roof of the horse's mouth when tension is applied to the driving bit, and this arrangement of the over-draw bit has also a tendency to bear down on the driving bit, irritating the mouth below as well as above, and has likewise a tendency to pry the mouth open. The object of the present invention is to overcome the objections above set forth.

The bit proper in the improved form of over-draw bit, is made preferably with a central raised section 10, which may be covered by a cushion 11 of a yielding material, such as rubber. The ends of the bit are slightly curved upward and terminate in eyes, 10^a and each of the said eyes 10^a receives an eye or loop 12^a on the lower portion of a cheek bar 12, and

the said cheek bars adjacent to the eyes or loops 12^a, are provided with forwardly projecting eyes or rings 13, to which the members of the over-draw check 14 are connected in any approved manner.

The cheek bars 12 are connected at or near their upper ends with the nose strap 15, said strap or band being adapted to encircle the nose of the horse, and it may have its ends adjustably connected by means of the usual buckle 16, or equivalent fastening device. Preferably the nose strap or band is connected with the cheek bars through the medium of cheek pads 17, made of leather or an equivalent material and the cheek bars are usually secured to the central longitudinal portion of the pads; and in order that the bit may be adjusted to heads of various lengths, the cheek pads are preferably provided with more than one set of loops 18, the loops being adapted to receive the nose strap or band 15, and the strap is prevented from slipping, after being passed through said loops, by causing eyelets or apertures in the strap to receive studs 19, formed upon and projecting outwardly from the cheek bars, one of said studs being located between the loops of each set. The loops and the nose strap serve to keep the bit in any desired position.

Under the improved construction of over-draw check bit, when the horse is checked up, instead of having the weight thrown on the driving bit said weight will be sustained by the nose strap, which acts as a lever and keeps the over-draw bit in such position that it can not move up or down on the roof of the mouth and irritate it. The improved over-draw bit likewise prevents the horse from working the tongue, or playing with the bit, since it is well known that the up and down motion of the bit on the roof of the horse's mouth is the prime cause of the horse seeking to work the tongue.

The over-draw bit is so shaped that when the bit is placed well to the front of the mouth it will permit the lips to remain in natural position. The advantage of placing the bit well to the front of the mouth is that it serves as a lever to prevent the horse curving in the nose when pulling on the driving bit, and likewise prevents the horse from choking. The

cushion 11 of the bit proper permits the horse to bear solidly on the bit without danger of rendering his mouth sore.

5 Having thus described my invention, I claim as new and desire to secure by Letters Patent—

10 1. An overdraw check bit, comprising a bit, a nose band adapted to encircle the nose of a horse, and cheek bars having their upper ends secured to the nose band and their lower ends loosely connected with the ends of the bit, substantially as and for the purpose set forth.

15 2. An overdraw check bit, comprising a bit, a nose band adapted to encircle the nose of a horse, and cheek bars having their upper ends secured to the nose band and their lower ends loosely connected with the bit and provided with eyes or loops for the attachment of a check rein, substantially as described.

20 3. An overdraw check bit, comprising a bit having eyes at its ends, a nose band adapted to encircle the nose of a horse, and cheek bars having their upper ends secured to the nose band and provided at their lower ends with eyes with which the eyes of the bit engage and with forwardly projecting eyes or rings

for the attachment of a check rein, substantially as described.

4. An over-draw check bit, the same consisting of a bit, cheek bars connected with the 30 ends of the bit, being adapted at their lower ends for attachment to the check rein, cheek pads located upon the upper ends of the cheek bars, provided with loops and a stud between the loops, and a nose band or strap adapted 35 to pass through the loops of the cheek pads and to receive the said studs, as and for the purpose specified.

5. An over-draw check bit, the same consisting of a bit, having curved extremities and a projecting center, cheek bars connected with 40 the ends of the bit and adapted to receive near their connection the check rein, a nose band adjustably connected with and connecting the cheek bars, and means, substantially 45 as described, for locking the nose strap in a given position, as specified.

JOSEPH CARTER.

Witnesses:

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