

(No Model.)

B. B. VAN WAGONER.
CHECK REIN.

No. 488,642.

Patented Dec. 27, 1892.

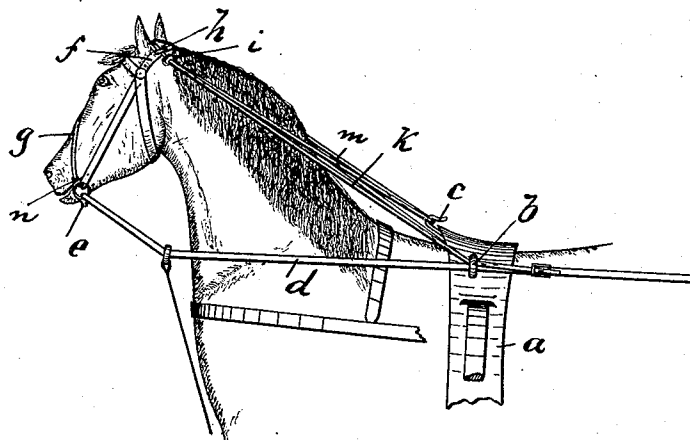


Fig. 1.

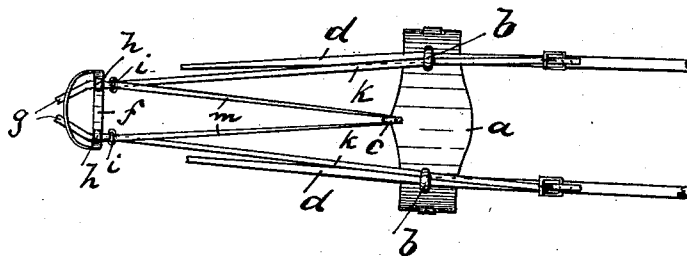


Fig. 2.

WITNESSES:

Wm. D. Mell.
D. Robertson.

INVENTOR:
Benjamin B. Van Wagoner

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UNITED STATES PATENT OFFICE.

BENJAMIN B. VAN WAGONER, OF WALDWICK, NEW JERSEY.

CHECKREIN.

SPECIFICATION forming part of Letters Patent No. 488,642, dated December 27, 1892.

Application filed September 30, 1892. Serial No. 447,377. (No model.)

To all whom it may concern:

Be it known that I, BENJAMIN B. VAN WAGONER, a citizen of the United States, residing at Waldwick, Bergen county, State of New Jersey, have invented certain new and useful Improvements in Checkreins; 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
10 appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

The object of my present invention is to
15 provide a check-rein, by means of which a perfect control of the horse is obtained; simple and durable in construction and easily attachable to harness of almost any description.

The invention consists in the improved
20 check-rein, its connection with the harness, and the combination and arrangement of the various parts thereof, substantially as will be hereinafter more fully described and finally embodied in the claim.

25 Similar letters of reference, indicate corresponding parts in the two figures, in which:

Figure 1. represents a side elevation of my improved check-rein, attached to a set of harness, only those portions of the latter being
30 shown, which are necessary to illustrate the nature of my said invention, and Fig. 2. is a top plan view thereof.

In said drawings *a* represents a saddle, provided with terrets *b* and check hook *c*.
35 Through said terrets pass the reins *d*, secured at the forward end to the bridle bit *e* in the usual manner.

On the crown strap *f* of the bridle are arranged loops *h* through which pass the upper
40 ends of the nose strap *g*, which upper ends are provided with rings or loops *i*. The lower ends of said nose straps are connected to the check-bit *n* in the usual manner. The ends of the check rein *k* are passed through said

rings and led backward through the terrets
45 *b* and are connected to the reins *d* by means of buckles or in any desired manner. The slack central portion *m* of the check-rein *k* is placed on the hook *c* of saddle *a*, as clearly shown in Fig. 2. of the drawings.

As will be manifest, the length of my check-
50 rein can be altered and regulated by the person driving the horse, without leaving the vehicle. A pull on the driving rein (*d*) being sufficient to shorten the check-rein, thus raising the horse's head to any position desired.
55 Moreover it allows the horse to have free use of head and the muscles of its neck, when climbing hills. Again, by my improved arrangement, a kicking or otherwise bad tempered horse is under full control of the driver.
60 Through the connection of the check-rein with the nose-strap *g*, and the latter with the check-bit *n*, a shortening of said check-rein will pull on said nose-strap, and by its con-
65 nection with the check-bit, produce a much greater strain on the horse's upper jaw, than is obtained by the ordinary check arrangements, now in use.

I claim—

The combination of the reins *d*, saddle *a*
70 and bridle bit *e*, with the crown strap *f* and nose strap *g* said nose strap being attached to the bridle bit and passing through the crown strap, and with the check rein *k* attached at
75 its ends to the reins *d* and passing through loops *i* of the nose strap *g*, the middle of said check rein *k* being adapted to play loosely in the hook *c* of the saddle *a*, substantially as described.
80

In testimony that I claim the foregoing I have hereunto set my hand this 20th day of September, 1892.

BENJAMIN B. VAN WAGONER.

Witnesses:

ALFRED GARTNER,
WM. D. BELL.