

F. B. SHAW.
CHECKREIN HOOK FOR HARNESS.
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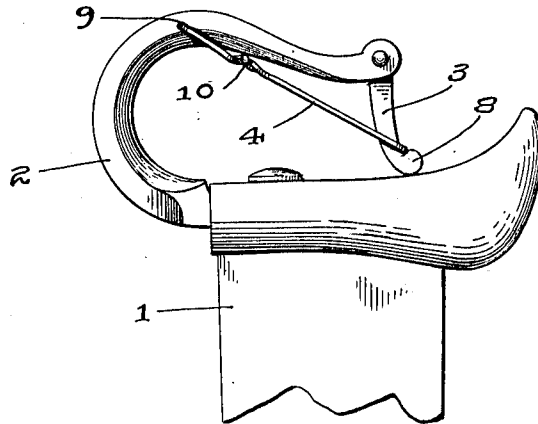


Fig. 1.

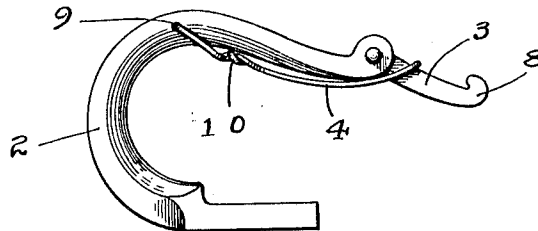


Fig. 2.

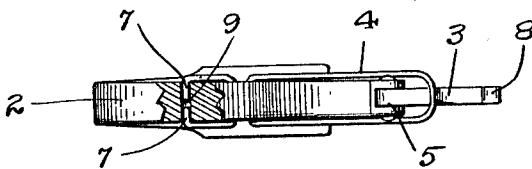


Fig. 3.

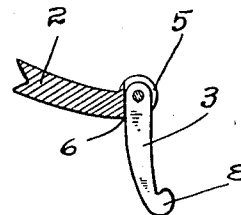


Fig. 5.

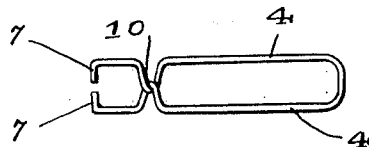


Fig. 4.

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CHECKREIN-HOOK FOR HARNESS.

1,019,704.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, FRANK B. SHAW, a citizen of the United States of America, residing at Middleville, in the county of Barry and State of Michigan, have invented certain new and useful Improvements in Checkrein-Hooks for Harness; 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.

My invention relates to improvements in check rein hooks for harness and more particularly to such hooks as are adapted to prevent the check rein from becoming accidentally detached; and its objects are to provide a device which is both simple and inexpensive to construct, and effectual in operation, and to provide the device with various new and useful features as hereinafter more fully described and particularly pointed out in the claims.

My invention consists essentially of a hook having a closure pivoted to swing outward, or away from within the hook, requiring it to be manually opened for the purpose of inserting a check rein and positively held from opening inward, whereby nothing else can accidentally enter the hook, said closure being held closed by a spring to prevent accidental removal of the check rein from the hook.

In the accompanying drawings Figure 1 shows a portion of the saddle for the back pad of a harness, showing my improved check rein hook attached thereto and in operative position thereon; Fig. 2 an elevation of the said hook detached from the saddle and showing the retaining member in open position; Fig. 3 a plan view of the same with a portion broken away to show the means for attaching the spring member; Fig. 4 a plan view of the said spring; and Fig. 5 a vertical section of the point of the hook with the retaining member pivotally mounted thereon, and showing the means for stopping the retaining member when in closed position.

Like numbers refer to like parts in all of the figures.

1 represents the saddle for the back pad of a harness, and fixed to this saddle by a

bolt screw or other means, is my improved hook 2. The outer free end of said hook is slotted at 5, and pivoted therein is a retaining member 3, swinging outward or away from within the hook, and manually opened for inserting the check rein. The bottom of the slot 5 is engaged by the retaining member 3 when the same is in closed position as at 6, and acts as a stop to limit the movement of said retaining member under the action of the spring 4. This spring 4 is fixed in the hook 2 by means of the inwardly turned ends 7 engaging the openings 9 and a fulcrum point is formed at 10 where the wire is formed into two interlocked inwardly projecting bends engaging the under side of the hook. To prevent the outer end of the spring 4 from slipping off the movable end of the retaining member 3, an enlargement or hook 8 is provided.

To place the check rein upon the hook, the spring 4 is first manually raised to release the retainer which can then be manually raised and the check rein slipped under it. When released, the retainer will be moved back to its normal position and securely locked by the spring, thus holding the check rein in place and being positively held from moving inward, absolutely prevents any other loose parts of the harness from becoming entangled with the hook.

It will be noted that the closure is positively held from swinging inward and thus nothing can accidentally get into the hook, and that the spring automatically closes the closure and holds the same so as to prevent accidental removal of the check rein from within the hook, thus requiring the closure to be manually released for purposely removing the check rein.

What I claim is:—

1. In a device of the class described, a rearwardly extended hook, a closure pivoted at one end to the hook and extending downward across the opening of the hook, and a spring formed of a wire looped around the closure and slidably engaging the same, said wire also being crossed beneath the hook and laterally engaging the same and also having its ends embracing the hook and oppositely inserted in a transverse opening in the hook.

2. In a device of the class described, a hook, a closure pivoted to the hook at one end and extending across the opening thereof, and a spring formed of a wire looped
5 around the said closure and slidably traversing the same at one end of the loop and crossed at the other end of the loop and thence extended to embrace the hook and

having inwardly turned ends pivotally inserted in an opening in the hook. 10

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

FRANK B. SHAW.

Witnesses:

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