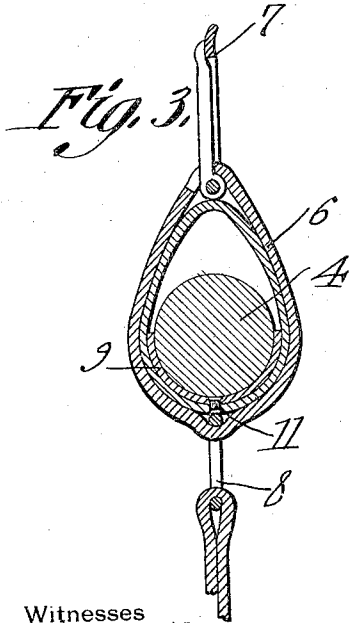
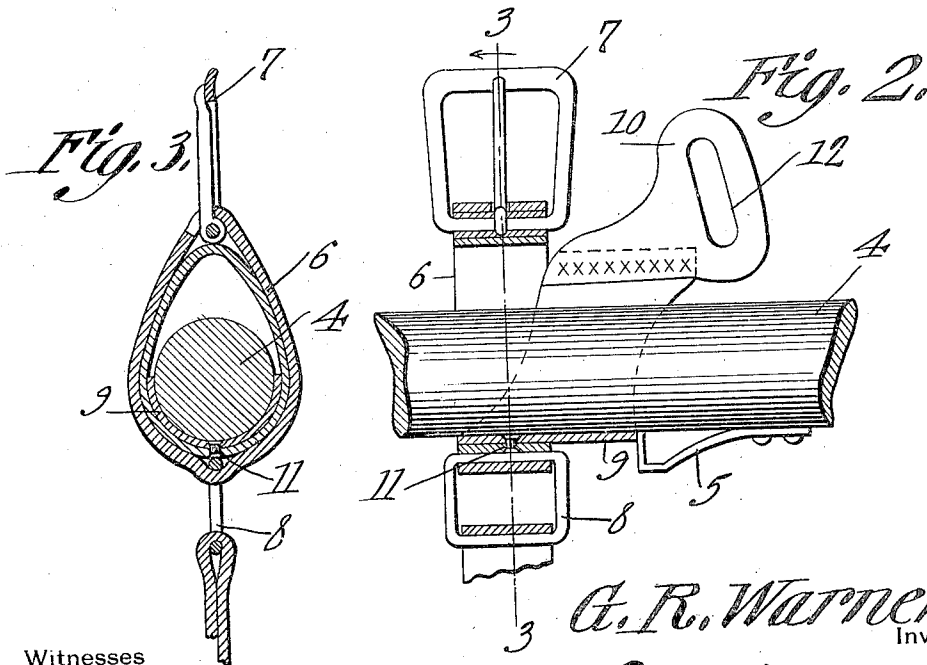
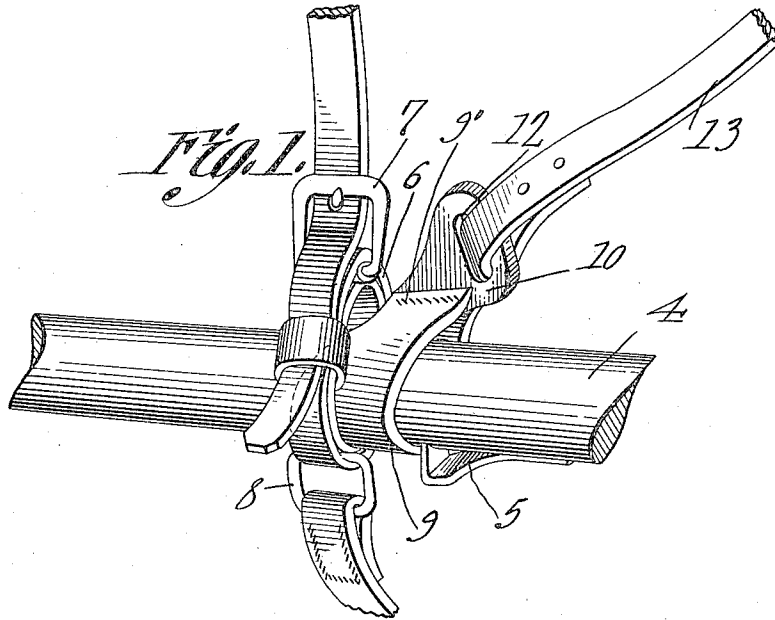


G. R. WARNER.
HOLDBACK.

APPLICATION FILED APR. 15, 1914.

Patented Sept. 22, 1914.

1,111,111.



Witnesses

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UNITED STATES PATENT OFFICE.

GEORGE R. WARNER, OF SNOVER, MICHIGAN.

HOLDBACK.

1,111,111.

Specification of Letters Patent.

Patented Sept. 22, 1914.

Application filed April 15, 1914. Serial No. 832,024.

To all whom it may concern:

Be it known that I, GEORGE R. WARNER, a citizen of the United States, residing at Snover, in the county of Sanilac and State of Michigan, have invented a new and useful Holdback, of which the following is a specification.

This invention relates to improvements in holdbacks.

The object of the present invention is to provide a holdback which is strong and serviceable and at the same time simple in design and subject to economic manufacture.

A further object is to provide a holdback which will tightly grasp a vehicle shaft and be drawn into frictional engagement therewith, thus relieving the shaft stop of the greater part of its strain incident to the holding back of the draft animal.

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 the invention herein disclosed, can be made within the scope of what is claimed, without departing from the spirit of the invention.

In the drawings accompanying this specification and forming a part thereof, the preferred embodiment of my invention is illustrated, in which:—

Figure 1 is a view in perspective of my improved holdback in position upon a shaft. Fig. 2 is a sectional view thereof taken along a longitudinal median line. Fig. 3 is a cross sectional view taken on the line 3—3 of Fig. 2.

Referring to the drawings in which similar reference numerals designate corresponding parts throughout the several views, 4 represents a vehicle shaft equipped with a stop 5 preventing the rear motion of the improved holdback herein described.

The holdback in question includes the thill tug 6 which carries at its upper and lower extremities the buckle 7 and ring 8. The buckle and ring coact for the efficient support of the belly-band, portions of which only are disclosed.

A loop 9 is formed of a single length of suitable material with the upper ends 9' terminating substantially parallel and secured to the strap securing member 10.

The loop as thus defined will be ovate-acuminate in contour with the ovate portion in contact with the lower or under side of the shaft. The edges of the loop as disclosed in Fig. 2 extend rearwardly and upwardly to thus provide for the tight gripping of the shaft when a rearward stress is applied to the upper extremity thereof. The lower and forwardly extending portion of the loop is secured to the corresponding portion of the thill tug 6 by the rivet 11 or other equivalent means. The loop being connected to the thill tug at one place may move independent thereof to a slight extent due to the flexibility of the material of which the device herein described is constructed.

The strap securing member 10 is triangular in general contour and is provided with the strap receiving slot 12 which is angularly disposed with respect to the bottom wall of the loop 9 as will be apparent from a reference to Fig. 2. The angularity of the slot 12 allows the holdback 13 to be directly secured thereto.

The device herein disclosed may be made of any material suitable for the purpose in hand and when constructed as herein described will embody material advantages, among the more salient of which is the frictional manner in which the upper and acuminate portion of the loop engages the shaft 4 when stress is applied thereto by the holdback 13. This relieves to a large extent, the stop 5 of much stress which would otherwise be applied thereto incident to the holding back of the draft animal. Also the time required for harnessing and unharnessing is materially shortened as will be readily appreciated.

Having thus fully described my invention, what I claim is:—

1. A thill attachment comprising an ovate acuminate loop, and a strap holding member carried by the upper acuminate portion thereof, said strap holding member provided with an angularly disposed slot therein, the angularity being taken with respect to the longitudinal axis of said loop, the side edges of said loop extending upwardly and rearwardly.

2. A device of the class described, comprising a loop formed of a single length of material, said material being bent in substantially ovate acuminate contour, and a triangular shaped strap securing member

carried by and secured to the upper acuminate portion of said loop, said strap securing member provided with an angularly disposed slot therein, the angularity being
5 taken with respect to the longitudinal axis of said loop, the side edges of said loop extending upwardly and rearwardly.

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

GEORGE R. WARNER.

Witnesses:

NELSON WARNER,
O. A. MUNN.

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