

(No Model.)

S. L. BLIGH.
HOLDBACK FOR VEHICLES.

No. 511,498.

Patented Dec. 26, 1893.

Fig. 1.

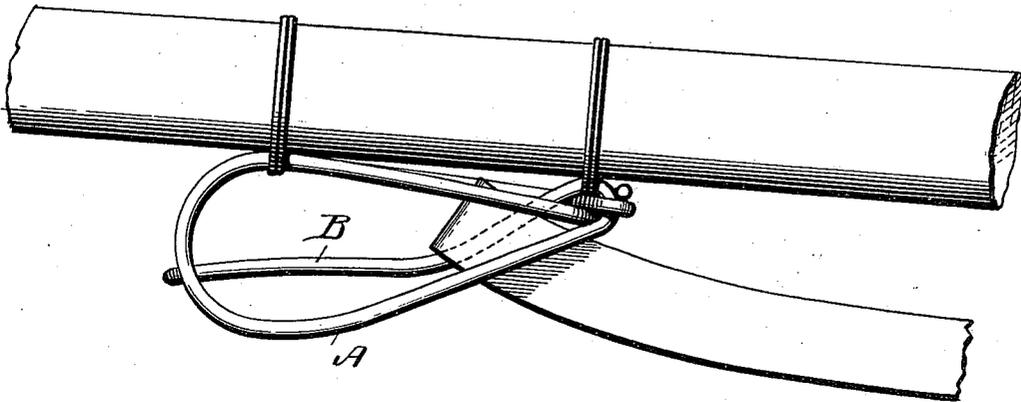


Fig. 2.

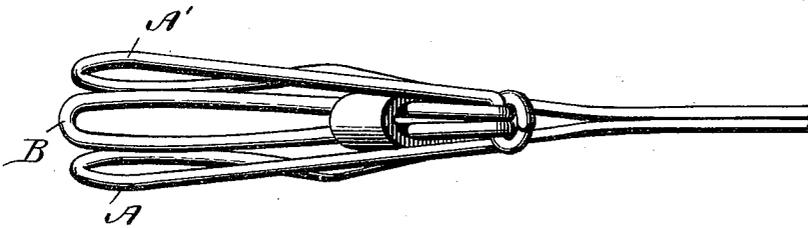
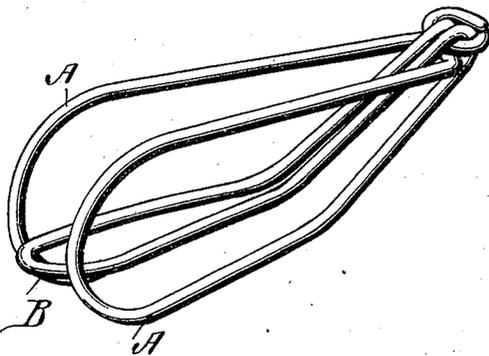


Fig. 3.



Witnesses

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Inventor

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UNITED STATES PATENT OFFICE.

SAMUEL L. BLIGH, OF CUSTARD'S, PENNSYLVANIA.

HOLDBACK FOR VEHICLES.

SPECIFICATION forming part of Letters Patent No. 511,498, dated December 26, 1893.

Application filed April 6, 1893. Serial No. 469,317. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL L. BLIGH, a citizen of the United States, residing at Custard's, in the county of Crawford, State of Pennsylvania, have invented certain new and useful Improvements in Holdbacks; 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.

This invention relates to hold backs; and has for its object to provide a device which will be simple in construction and which will admit of the horse being readily hitched and unhitched, the latter being automatically effected without requiring the quarter straps being detached by hand.

The improvement consists of a hold back constructed from a single piece of wire and comprising side guards which are adapted to spring together and an intermediate tongue to receive the quarter strap all of which will be hereinafter more particularly set forth and shown in the accompanying drawings, in which—

Figure 1 is a side elevation showing the application of the invention. Fig. 2 is a top plan view of the hold back, and Fig. 3 a detail perspective view of the same.

The hold back is composed of side guards A A' and an intermediate tongue B. The side guards A A' are pear shaped in side elevation and are joined together at the smaller end, the larger or butt end being free and adapted to yield when pressed apart and spring together when released. The tongue B is located between the guards A A' and is secured at its inner end to the smaller ends of the said guards. The device is constructed of a single piece of wire which constitutes the side guards and the tongue. The wire composing the device is doubled on itself midway of the ends to form the tongue B and is bent on itself a proper distance from the folded end and fashioned so as to form the side guards A A', the ends of the wire being crossed at the inner end of the device and bent to embrace the smaller ends of the side guards, as shown most clearly in Fig. 2.

The hold back is attached to the thill in the

most convenient manner, preferably by staples or straps which are affixed to the said thill and encompass guards A A', substantially in the manner shown in Fig. 1.

In hitching the horse the quarter strap is slipped over the tongue B between the guards A A', the latter yielding to permit the strap passing over the ends of the tongue and springing together to retain the said quarter strap in place on the said tongue to guard against accidental displacement. In unhitching, all that is necessary is to detach the traces from the single tree when the horse can walk out of the thills, the quarter straps slipping from the tongue on the application of sufficient force to press the free ends of the guards A A' apart.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

1. A hold back composed of side guards, and an intermediate tongue, the said guards and tongue being secured together at one end and the free ends of the guards springing close against the sides of the tongue, substantially as and for the purpose set forth.

2. A hold back comprising approximately pear shaped side guards which are joined together at the smaller end, and an intermediate tongue secured at its inner end to the smaller ends of the side guards, substantially as specified.

3. A hold back formed of a single piece of wire comprising side guards, and an intermediate tongue, the parts being secured together at one end, substantially as described.

4. A hold back formed from a single piece of wire comprising side guards which are approximately pear shaped in side elevation, and an intermediate tongue, the free ends of said wire crossing and being bent around the smaller ends of the side guards, substantially as herein shown and described.

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

SAMUEL L. BLIGH.

Witnesses:

WILLIAM A. PETERSON,
W. H. MARLEY.