

(No Model.)

E. P. PARKER.
HOLDBACK FOR VEHICLES.

No. 488,613.

Patented Dec. 27, 1892.

Fig 1

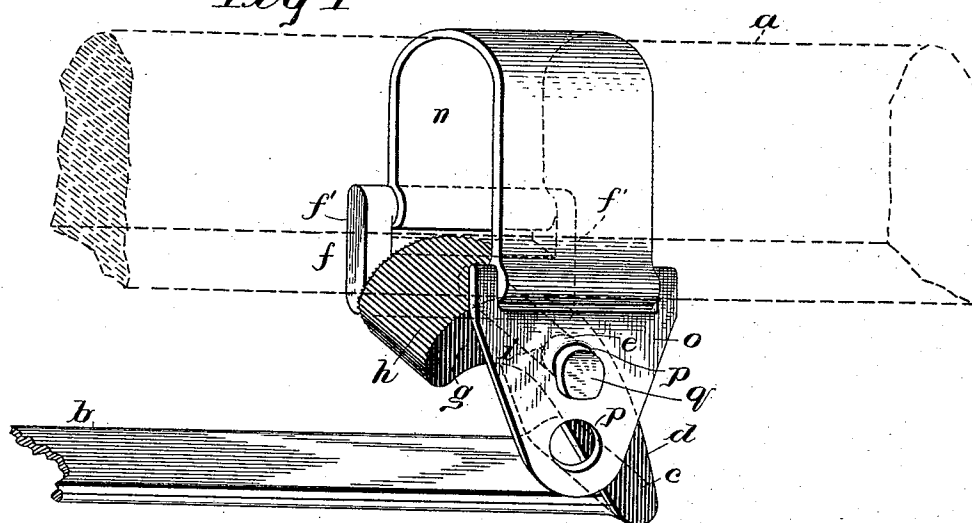
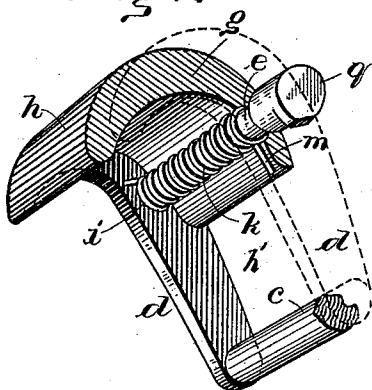


Fig 2



Attest

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EDWARD P. PARKER, OF ARCHDALE, NORTH CAROLINA.

HOLDBACK FOR VEHICLES.

SPECIFICATION forming part of Letters Patent No. 488,613, dated December 27, 1892.

Application filed April 1, 1892. Serial No. 427,412. (No model.)

To all whom it may concern:

Be it known that I, EDWARD P. PARKER, a citizen of the United States, residing at Archdale, in the county of Randolph and State of North Carolina, have invented certain new and useful Improvements in Harness Attachments; and I do 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, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

My invention relates to that class of harness attachments used for breeching straps and especially those adjustable on the shaft, and my object is to provide a more convenient and desirable device than those heretofore used.

With this object in view my invention consists in the peculiar features and combinations of parts more fully described hereinafter and pointed out in the claims.

In the accompanying drawings: Figure 1 represents a perspective view of my invention applicable to a vehicle thill, the latter being represented by dotted lines. Fig. 2 a detail view of the clip or attachment detached from the thill, the cam being shown partly in section.

The reference letter *a* represents an ordinary vehicle shaft or thill to which my attachment is applied. The breeching strap or hold-back *b* passes around a bar *c* on the outer end of a lever *d*, fulcrumed or pivoted on a spindle *e*. This spindle is fixed on a metal loop *f*, the side bar *f'* of the loop being enlarged for this purpose. The arm of the lever opposite to that to which the hold-back strap is attached, is curved to form a cam *g*, the convex side of which may be provided with teeth or corrugations *h*, adapted to engage the bottom side of the thill. The lever *d*, its cam *g* and bar *c*, are all cast in one integral piece, provided with an opening *h'* to receive the hold-back and perforations *i*, to receive the spindle or fulcrum *e*, on which the whole turns. A spiral spring *k* is coiled about the spindle with one end attached thereto,

and the other end to the lever, whereby the cam is always held in positive engagement with the thill. To prevent the lever from springing around too far when liberated, a stop *m* is provided on the spindle, so that the inner wall of the lever will come in contact with it when the lever has reached a point substantially parallel with the side of the loop *f*, as shown in Fig. 2. To the top of the loop *f* is fastened a strap *n*, to the free end of which is attached a metal fastening loop *o*, provided with a series of holes *p* to receive a button *q* on spindle *e*, whereby the attachment is buckled or fastened to the thill. It will be seen that the loop *f* lies in substantially a vertical plane, and the bar *c*, around which the hold-back is fastened, in a horizontal plane, and that the harder the pull on the hold-back strap or breeching, the tighter the cam will bind against the bottom of the thill. This construction also permits of adjusting the attachment at any point along the thill to tighten the breeching without unbuckling the breeching strap, which may be permanently secured to the cam-lever, and allowed to form a part of the harness. When hitching an animal up, it is only necessary to secure the attachment to the thill by drawing the fastening strap *n* around the thill and dropping the loop down over the button. The series of holes permit the loop to embrace shafts of different sizes.

It is obvious that my invention could be varied in many ways that might suggest themselves to a skilled mechanic, therefore I do not limit myself to the exact construction herein shown and described but consider myself entitled to all such variations as come within the spirit and scope of my invention.

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

1. In a holdback, the combination with a spindle, of a spring coiled around said spindle, a cam-lever on said spindle actuated by said coil spring, and a strap for holding said spindle in place, substantially as described.

2. In a holdback, the combination with a spindle provided with a button at one end, of a coil spring surrounding said spindle, of a

cam-lever on said spindle, one end of said
spring being attached to the spindle and the
other bearing against the cam-lever, and a
strap for securing the spindle in place, one end
5 of said strap being provided with adjusting
holes, whereby it is adapted to fit various
sized thills, substantially as described.

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

EDWARD P. PARKER.

Witnesses:

C. W. ALBERTSON,
A. J. TOMLINSON.