

(No Model.)

J. M. DIFFENDAFER.
STRAP HOLDER FOR VEHICLES.

No. 552,050.

Patented Dec. 24, 1895.

Fig: 1.

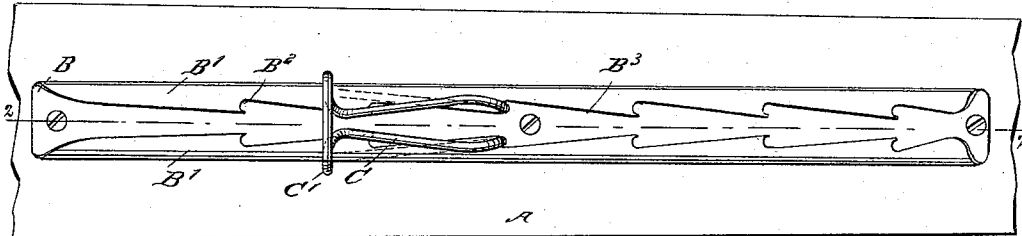


Fig: 2.

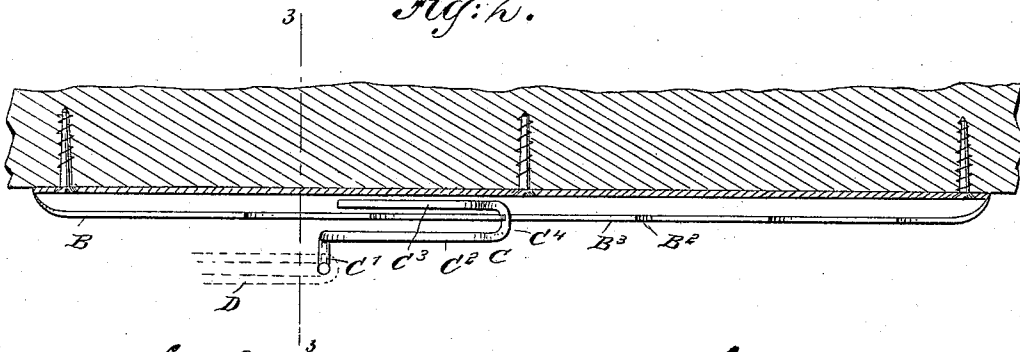


Fig: 3.

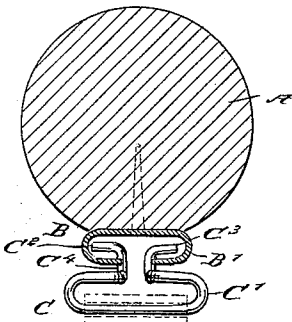


Fig: 4.

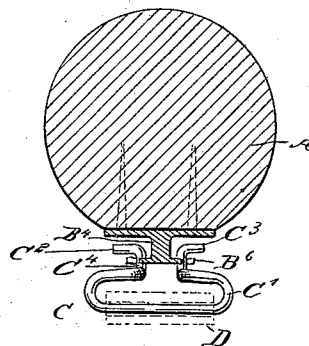
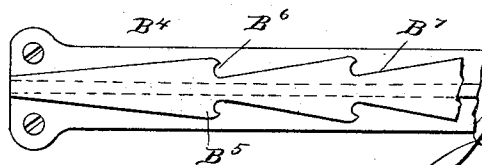


Fig: 5.



WITNESSES:

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UNITED STATES PATENT OFFICE.

JAMES M. DIFFENDAFER, OF CHURUBUSCO, ASSIGNOR OF ONE-HALF TO
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STRAP-HOLDER FOR VEHICLES.

SPECIFICATION forming part of Letters Patent No. 552,050, dated December 24, 1895.

Application filed March 26, 1895. Serial No. 543,235. (No model.)

To all whom it may concern:

Be it known that I, JAMES M. DIFFENDAFER, of Churubusco, in the county of Whitley and State of Indiana, have invented a new and Improved Strap-Holder, of which the following is a full, clear, and exact description.

The invention relates to holders for hold-back-straps serving to prevent vehicles from running onto the horse when stopping. Such straps are usually secured to the tongues of the vehicle.

The object of my invention is to provide adjustable holders for straps of the above-indicated class; and to this end my invention consists in the construction and arrangement of parts hereinafter described and claimed.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the views.

Figure 1 is a bottom plan view showing a portion of a tongue having my invention applied thereof. Fig. 2 is a longitudinal section thereof on line 2 2 of Fig. 1. Fig. 3 is a cross-section thereof on line 3 3 of Fig. 2. Fig. 4 is a like view of a modification, and Fig. 5 is a broken inverted plan view of the plate or guide shown in Fig. 4.

In carrying out my invention I secure to the lower or inner side of the tongue A a plate or guide B, which, as shown in Figs. 1 to 3, is provided with the upturned spaced flanges B', provided on their opposing edges with shoulders B² to form a double series of serrations B³. The shoulders face the front end of the tongue. On the said guide B is adapted to slide a strap-holder C, which consists of one piece of wire or metal comprising a central looped portion C' adapted to receive the holdback-strap D, yielding side members C² extending on one side of the central portion and substantially perpendicular to the plane thereof, and return end portions or members C³ located on the other side of the side members C² to the central portion C' and extending longitudinally of the side members C². The side members C² and end portions C³ are connected by bends C⁴, which, when the strap-holder is inserted in the rear end of the guide B, will engage with the serrations on the flanges B' of the guide.

It will be understood that the strap-holder may be slid and adjusted forwardly on the guide B, according to the size of the horse. The strap-holder, however, cannot slide rearward, as it will be held against such movement by the shoulders B², and thus the vehicle is prevented from running forward onto the horse. The elasticity of the side members C² will also prevent rattling of the strap-holder.

In Figs. 4 and 5 I have illustrated a modification of the guide. The said guide in the modified form shown consists of a plate B⁴ having the shape of an I in cross-section, and provided at its edges B⁵ with shoulders B⁶ and serrations B⁷ corresponding to those shown in Fig. 1. The strap-holder C is substantially the same as that illustrated in Figs. 1 to 3, the only difference being that the yielding members of the strap-holder are forced outward instead of inward when the strap-holder is carried forward for adjustment.

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

1. As a new article of manufacture, the herein-described strap-holder, comprising yielding side members located in substantially the same plane, a looped central portion adapted to receive the strap and arranged approximately perpendicular to the plane of the side members at one side thereof, and end portions extending longitudinally of the side members on the opposite side to the central portion and in a plane essentially parallel to that of the side members, as set forth.

2. As a new article of manufacture, the herein-described strap-holder, comprising yielding side members, located in substantially the same plane, a looped central portion adapted to receive the strap and arranged approximately perpendicular to the plane of the side members at one side and one end thereof, and return end portions located at the other end of the side members and on the opposite side thereof to the central portion, said end portion being disposed longitudinally of the side members and in a plane essentially parallel to that of the side members, as set forth.

3. A vehicle shaft or tongue provided with
a longitudinal guide slot having a series of
shoulders at different points of its length, and
a strap-holder fitted to slide on the shaft or
5 tongue and provided with a laterally movable
yielding member located within the guide
slot and adapted to engage the said should-
ers, substantially as described.

4. A vehicle shaft or tongue provided with
10 a longitudinal guide slot having a longitudi-

nally arranged series of shoulders, and a strap
holder having two outwardly spring-pressed
members located within the guide slot and
movable laterally to engage the said should-
ers, substantially as described.

JAMES M. DIFFENDAFER.

Witnesses:

OTTO WELSHUMER,
GEO. WYATT.