

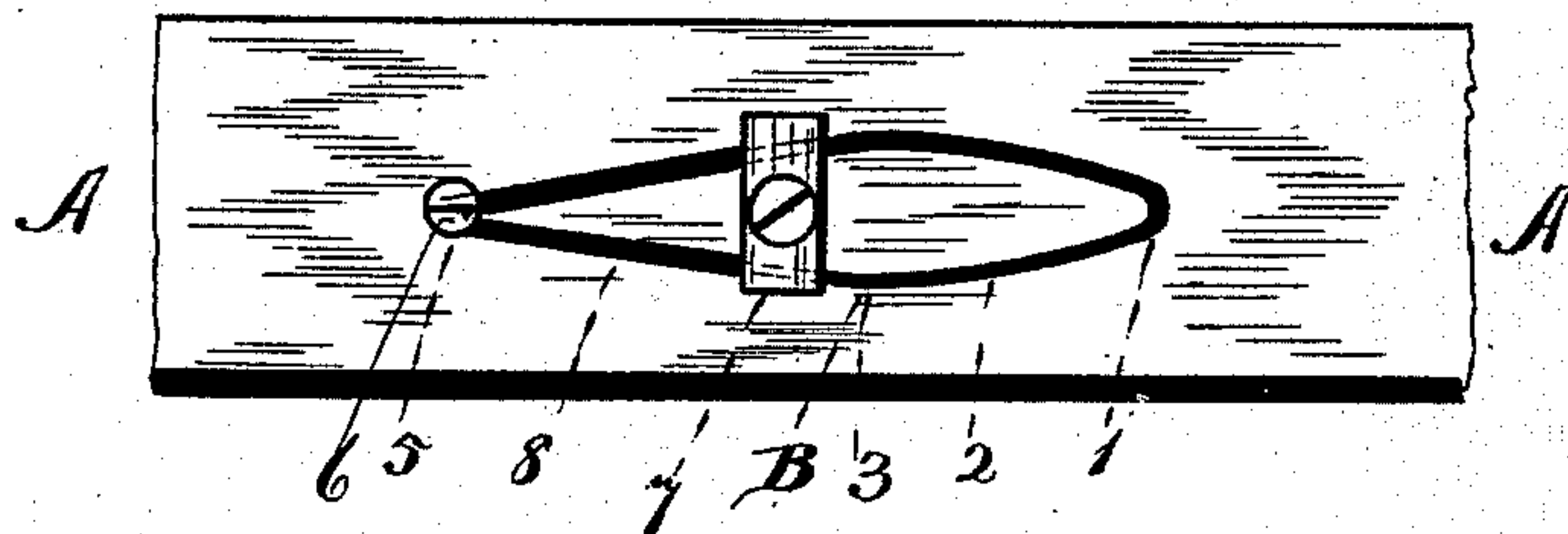
(No Model.)

G. L. HYDORN.  
HOLDBACK FOR VEHICLES.

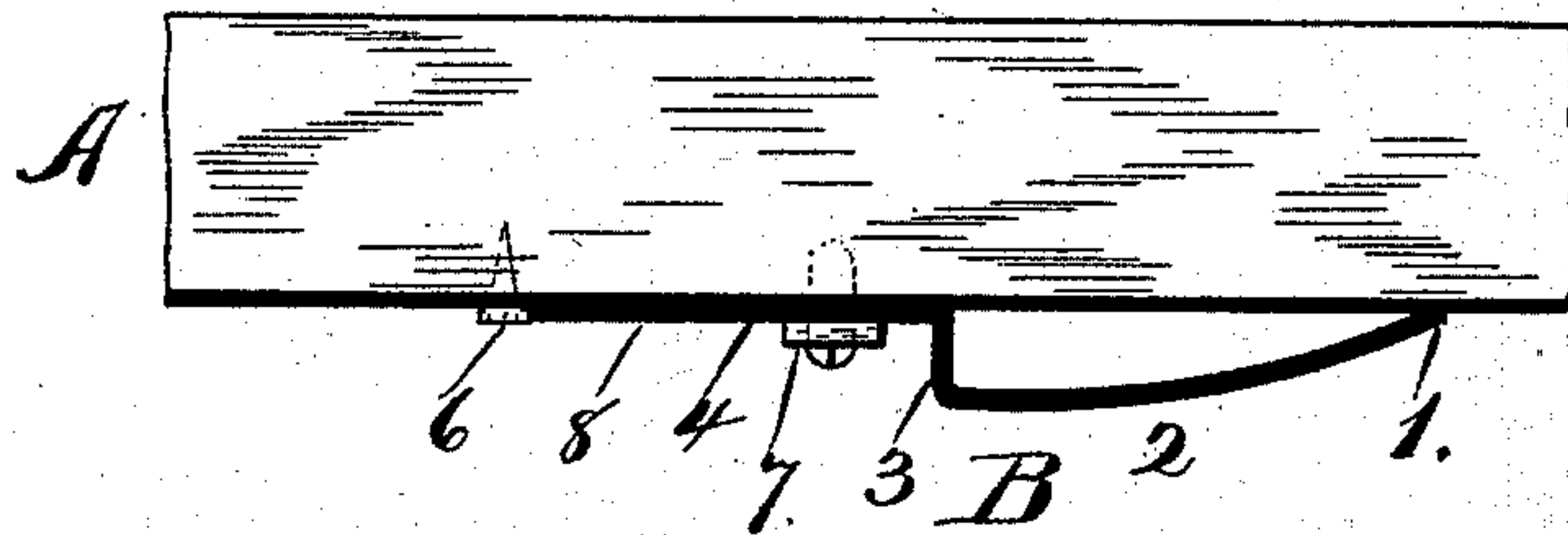
No. 413,184.

Patented Oct. 22, 1889.

*Fig. 1.*



*Fig. 2.*



Witnesses

*A. P. Denison*

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By *his* Attorneys  
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# UNITED STATES PATENT OFFICE.

GEORGE L. HYDORN, OF LACONA, NEW YORK.

## HOLDBACK FOR VEHICLES.

SPECIFICATION forming part of Letters Patent No. 413,184, dated October 22, 1889.

Application filed June 6, 1889. Serial No. 313,278. (No model.)

*To all whom it may concern:*

Be it known that I, GEORGE L. HYDORN, of Lacona, county of Oswego, in the State of New York, a citizen of the United States, have  
5 invented certain new and useful Improvements in Holdbacks, of which the following is a specification, reference being had to the accompanying drawings, in which—

Figure 1 is a top plan view. Fig. 2 is a side  
10 elevation.

My invention relates to the construction of holdbacks designed to be permanently secured upon the thills and designed to receive the holdback-strap.

15 The object of my invention is to provide a simple and efficient holdback constructed of wire and adapted to receive the holdback-strap and hold it securely, and from which a strap can be readily released whenever desired, and which will release the strap auto-  
20 matically whenever the strain thereon is reversed.

My invention consists of the several novel features of construction and operation hereinafter described, and which are specifically  
25 set forth in the claim annexed.

It is constructed as follows: A represents a portion of the thill, and B is the holdback. This holdback is constructed from a single  
30 piece of wire bent centrally to form the angle 1, then curved outward, as at 2, then bent to form the shoulder 3, then bent again to form a straight portion 4, the arms from the shoul-

der 3 converging to and forming at their inner ends an eye 5 to receive a screw 6; and 7  
35 is a washer-plate fitting over the arms 8 and held by a screw, as shown in the drawings.

The wire used is spring-wire, and when the arms 8 are secured upon the thill or beneath it a spring-tension is created, causing  
40 the front end or angle 1 to press closely against the thill. To introduce the strap, I spring the point 1 away from the thills a sufficient distance to admit the strap, which slides back  
45 against the shoulder 3, and this shoulder 3 receives the strain upon the holdback, and whenever the strain is reversed such strain will draw the strap out through under the  
50 point and release the holdback-strap from the thill.

What I claim is—

A holdback constructed from a single piece of wire bent to form a point 1, thence curved outwardly, thence bent to form a shoulder 3, thence extending back, and a cross-bar across  
55 the arms adjacent to the shoulder secured by a screw, and a screw through the eye upon the rear end of the arms, in combination, as set forth.

In witness whereof I have hereunto set my  
60 hand this 22d day of May, 1889.

GEORGE L. HYDORN.

In presence of—

H. P. DENISON,  
M. H. ALEXANDER.