

No. 696,527.

Patented Apr. 1, 1902.

R. W. WALKER.
HOLDBACK.

(Application filed Dec. 9, 1901.)

(No Model.)

Fig. 1.

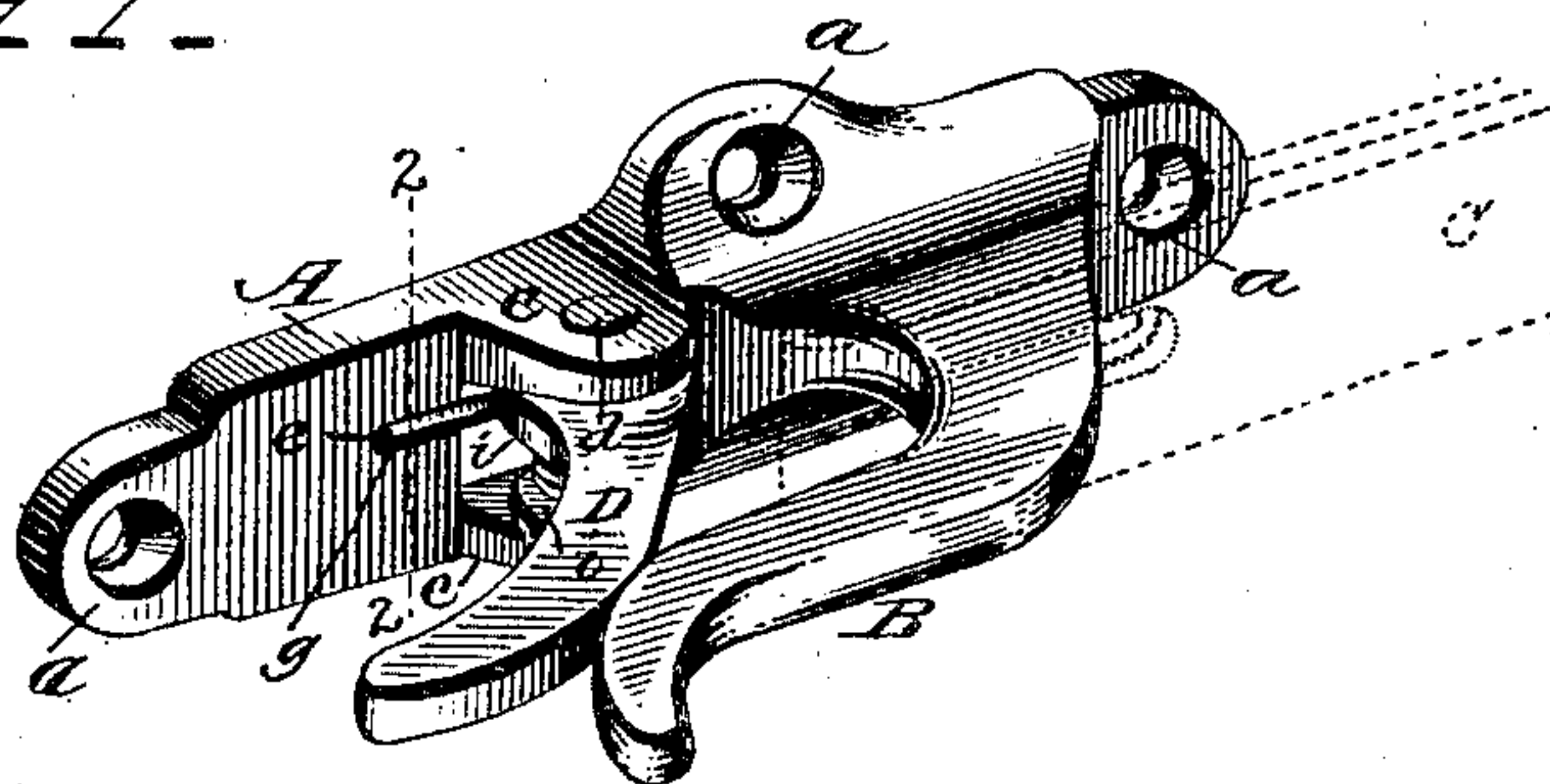


Fig. 2.

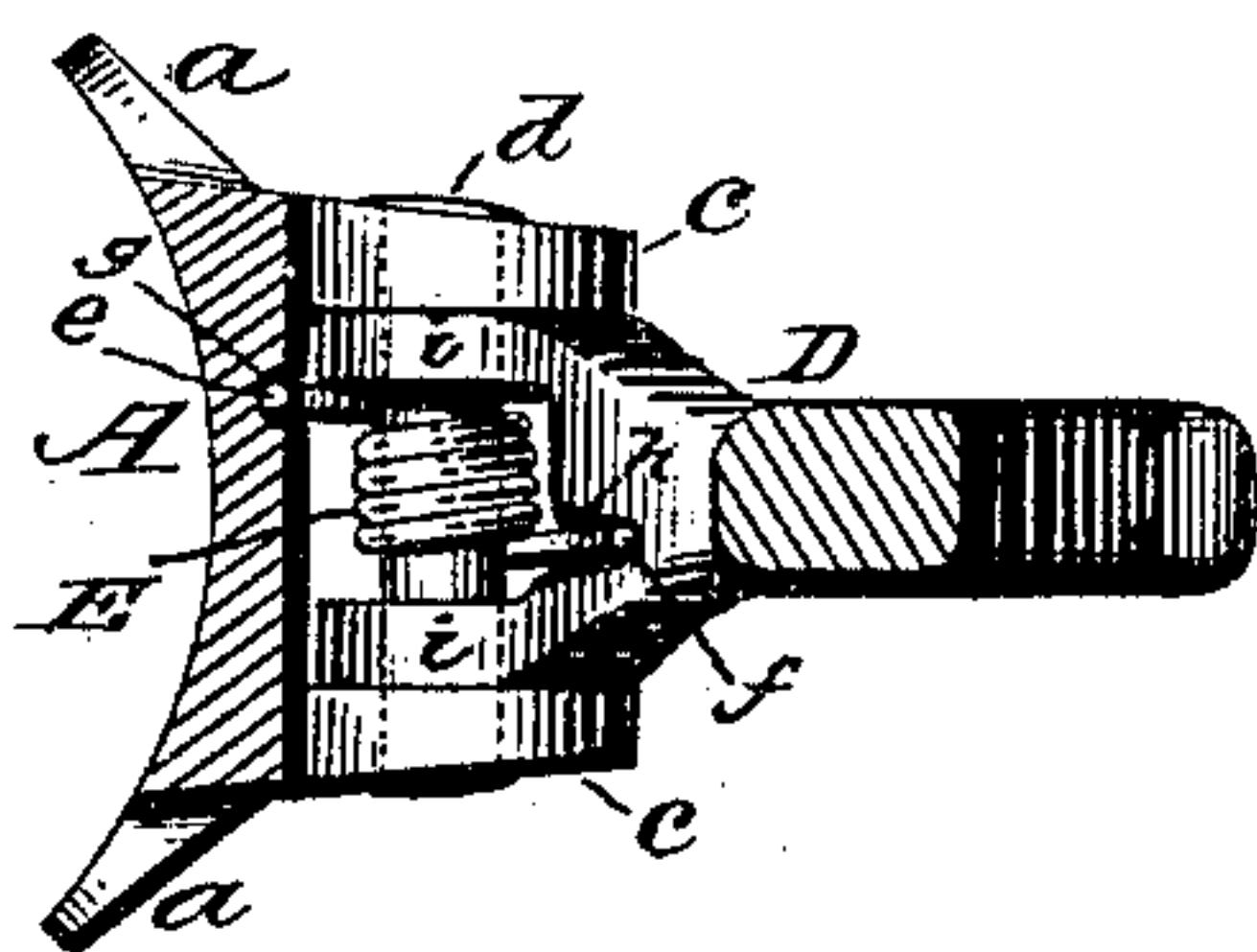


Fig. 3.

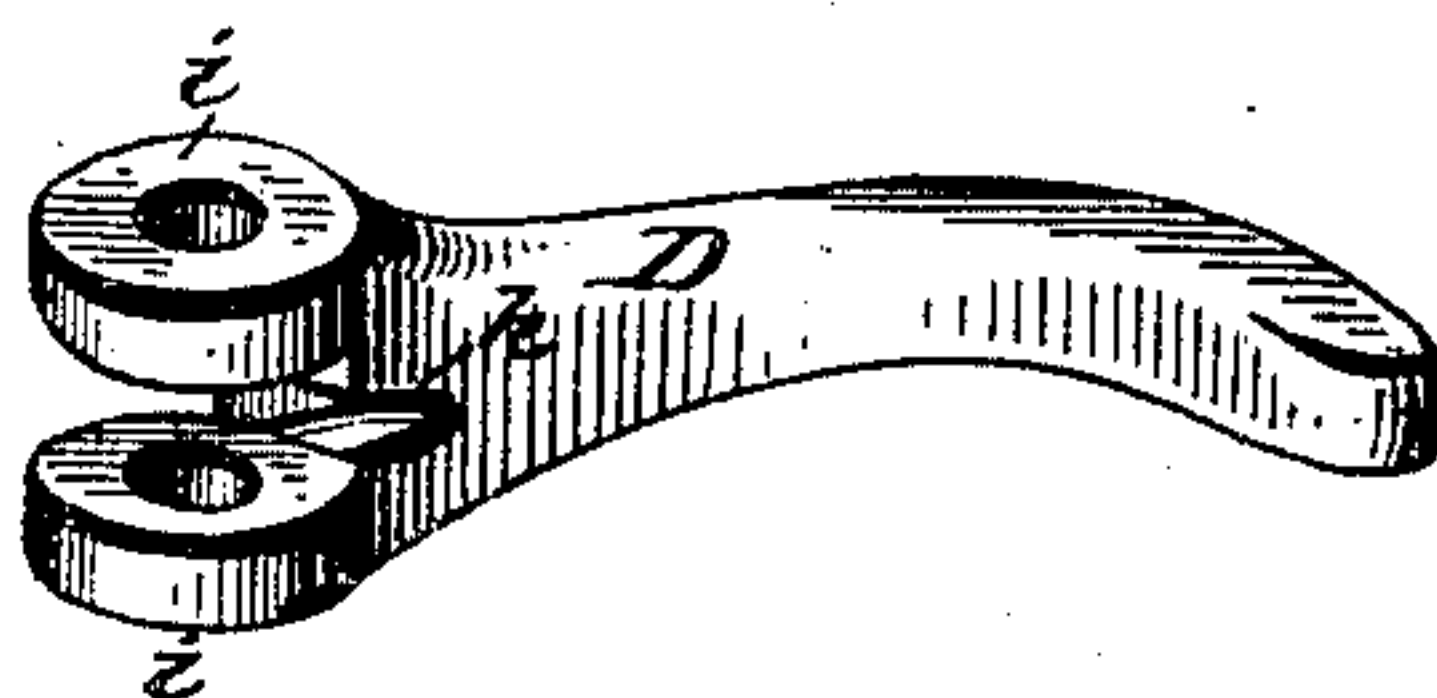
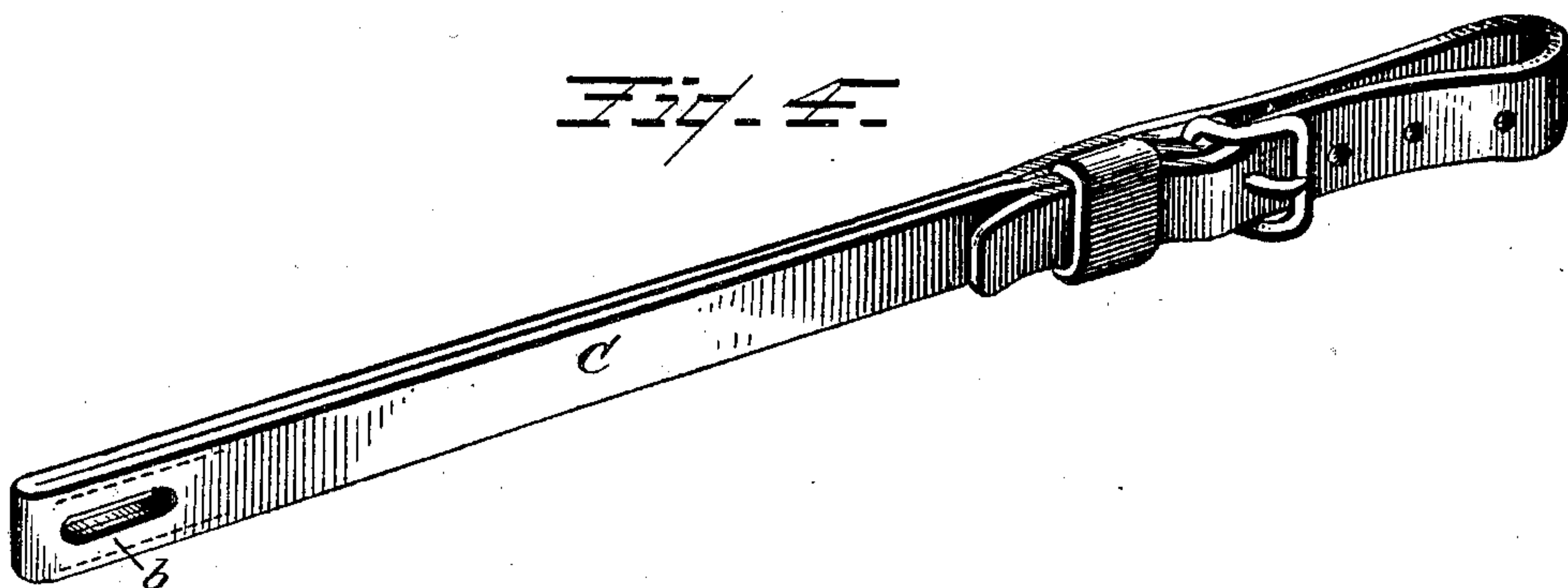


Fig. 4.



Witnesses
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UNITED STATES PATENT OFFICE.

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SPECIFICATION forming part of Letters Patent No. 696,527, dated April 1, 1902.

Application filed December 9, 1901. Serial No. 85,190. (No model.)

To all whom it may concern:

Be it known that I, RANDALL W. WALKER, a citizen of the United States, residing at Oxford, in the county of Chenango and State of New York, have invented certain new and useful Improvements in Holdbacks; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters of reference marked thereon.

The present invention has for its object to provide a simple and practically-operating holdback for vehicles that may be readily attached to the shafts thereof and will possess both strength and durability; and it consists in a holdback constructed substantially as shown in the drawings and hereinafter described and claimed.

Figure 1 of the drawings is a perspective view of a holdback constructed in accordance with my invention and showing a portion of the holdback-strap in dotted lines; Fig. 2, a sectional view taken on line 2 2 of Fig. 1; Fig. 3, a detail view in perspective of the locking-lever; Fig. 4, a similar view of the holdback-strap, formed of a double thickness of leather and without the usual ring or loop to engage with the holdback.

In the accompanying drawings, A represents the usual rectangular metal plate, provided with suitable holes *a* for attaching the plate to the vehicle-shaft by means of screws or other like fastenings. This plate is cast or otherwise provided with the usual hook B for engaging therewith the end of the holdback-strap C, as indicated in Fig. 4 of the drawings, which strap may be made of double or of single thickness, as found most preferable, and provided at its end with an opening *b* in place of the usual metal ring or loop. The plate A has outwardly-projecting ears *c*, to which is pivoted the locking-lever D, which bears against the hook B, as shown in Fig. 1 of the drawings, which locks the holdback-strap in engagement with the hook B. The pivot-pin *d* is a stationary pivot, upon which

works the locking-lever D, said lever being held in engagement with the hook B by a flat or coiled spring E. The spring E is coiled around the pivot-pin *d* and has its ends engaging the grooved guides *g h*, respectively, the guide *g* being formed on the plate A, and the guide *h* is formed on the locking-lever D.

The spring E, which is located on the stationary pivot-pin *d* and between the eyes *i* of the locking-lever D, contracts and expands when the lever is operated, and this action of the spring will cause the ends thereof to play or slide back and forth in the grooves of the guides *g h*. The grooved guides will permit of this action of the ends of the spring and at the same time hold them against lateral motion, the grooves of the guides acting as seats as well as guides and perform the double function of acting as seats and also as guides to hold the ends of the spring against lateral or sidewise motion, but allow a play lengthwise of the ends of the spring as said spring contracts and expands.

Having now fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

A holdback comprising a suitable base-plate having outwardly-projecting lugs or ears and a suitable hook, a locking-lever, a stationary pivot-pin connecting the locking-lever to and between the ears, grooved guides upon the plate and locking-lever respectively, a suitable spring having its projecting ends engaging the grooved guides whereby said ends are guided in their play in said grooves when the spring contracts and expands and retained against lateral motion, said spring engaging the pivot-pin, substantially as and for the purpose set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

RANDALL W. WALKER.

Witnesses:

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DANIEL WALKER.