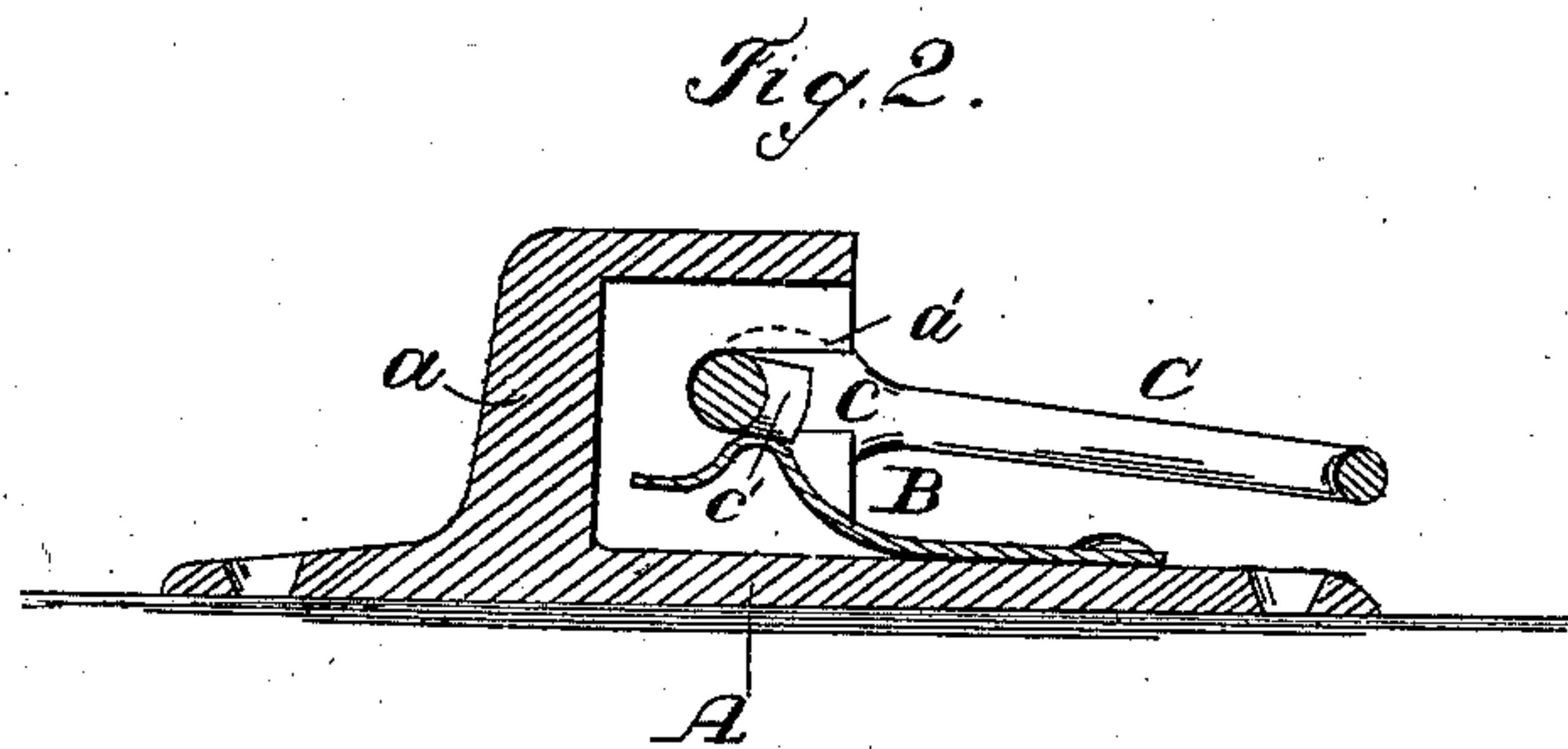
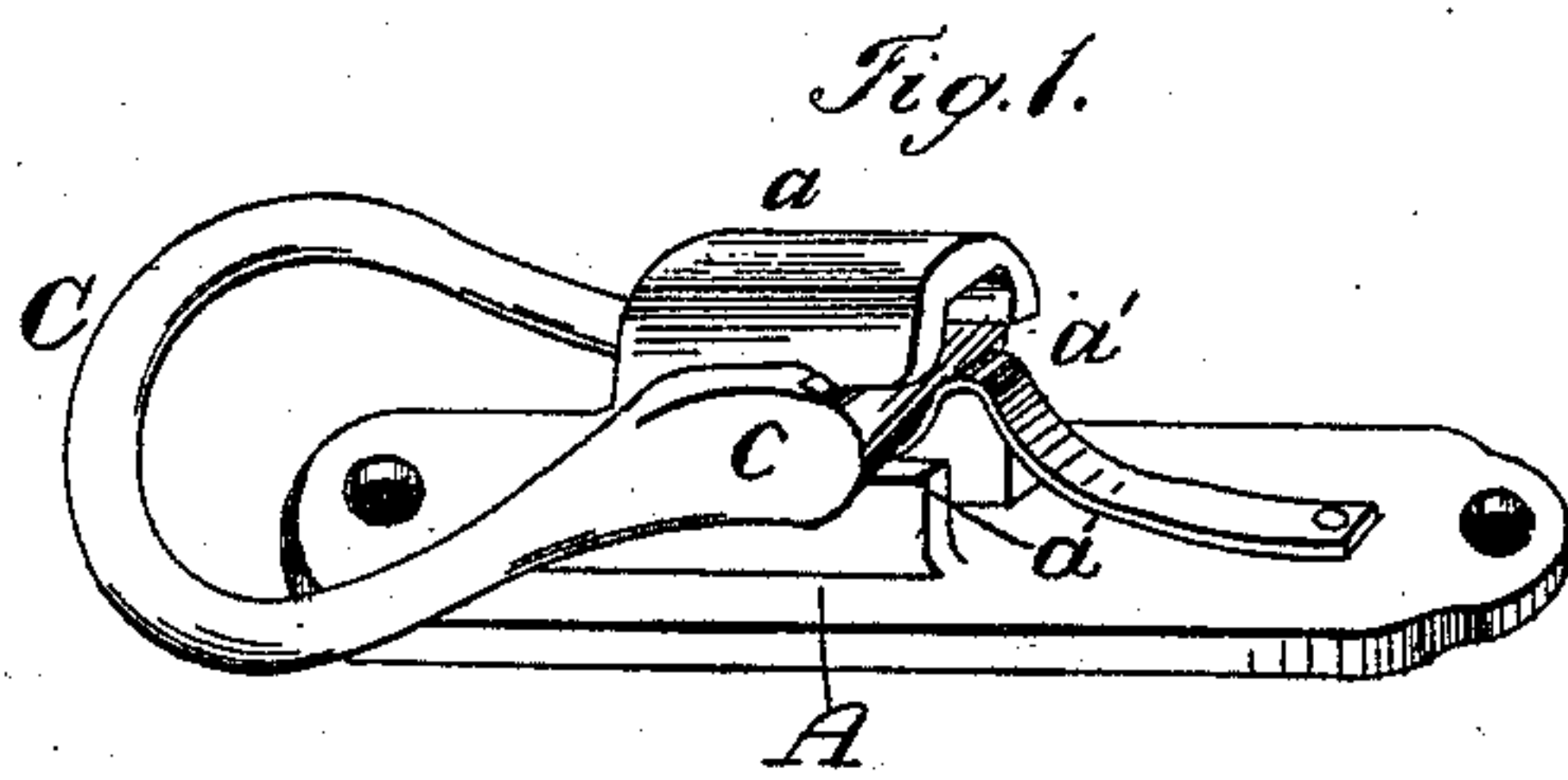


N. W. SIMONS.

Hold Back.

No. 113,354.

Patented April 4, 1871.



*Witnesses.*  
*A. Ruppert*  
*J. H. Hester*

*Inventor.*  
*N. W. Simons*  
*per Edmund D. Smith*  
*Attorney*

# UNITED STATES PATENT OFFICE.

NORRIS W. SIMONS, OF WILLIAMSFIELD, OHIO.

## IMPROVEMENT IN HOLDBACKS FOR VEHICLES.

Specification forming part of Letters Patent No. **113,354**, dated April 4, 1871.

*To all whom it may concern:*

Be it known that I, NORRIS W. SIMONS, of Williamsfield, in the county of Ashtabula and State of Ohio, have invented certain new and useful Improvements in Holdbacks for Vehicles; and I do hereby declare the following description to be a full, clear, and exact specification thereof, reference being had to the accompanying drawing, forming a part of the same, and in which—

Figure 1 represents a perspective view, and Fig. 2 a longitudinal central section, of my improved holdback.

This invention relates to self-detachable holdbacks; and the nature thereof consists in a novel construction and arrangement of the constituent parts of the same, as hereinafter more fully set forth.

Similar letters of reference in the several figures of the annexed drawing indicate corresponding parts of my invention.

In the said drawing, A represents a metal plate supplied with openings, through which may be inserted screws or nails for securing it to the thill of a vehicle, and constructed on its upper side with a hollow post, *a*, which is supplied on its open side with recesses or ears *a' a'*, the object of which will be referred to hereinafter. B is a sheet-metal spring, having the form plainly shown in Fig. 2, one end of which being secured to one end of plate B, and the other end entering the hollow post A at a point in a horizontal plane with the ears *a' a'* of said post. C is an oblong ring or holder, formed on one portion of its surface with cheek or side pieces, *c c*, connected together by a transverse bar, upon which is formed or constructed a tenon, *c'*.

When it is desired to connect the two parts

A and C, the transverse portion of the ring C is brought in contact with the elevated portion of spring B in a line with the ears *a' a'*, and pressure applied thereto, causing the spring to yield or be depressed, and the ring to be forced in the said recesses a sufficient distance to allow the said spring to rise to its original position, thereby locking the said ring in place in the ears *a' a'* of post A. The ring C is disconnected from the said post by merely throwing it over to the opposite side from that which it occupies in Fig. 1, and drawing or pulling it toward the open ends of the ears *a' a'*, the tenon *c'*, formed on the transverse portion of said ring, at the same time pressing against the elevated portion of the spring B, causing it to be depressed, thereby entirely freeing it from the post without the assistance of the other hand in applying pressure to the spring, as is the case with the ordinary holdback.

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

A self-detachable holdback consisting of the plate A, hollow post *a*, supplied with the recesses or ears *a' a'*, spring B, and ring or holder C, constructed on its transverse portion with the shoulder or tenon *c'*, all constructed, arranged, and combined substantially as and for the purpose set forth.

In testimony that I claim the foregoing as my invention I have hereunto set my hand this 31st day of October, 1870, in the presence of two subscribing witnesses.

N. W. SIMONS.

Witnesses:

J. H. CARR,

A. PEARSON RAMSAY.