

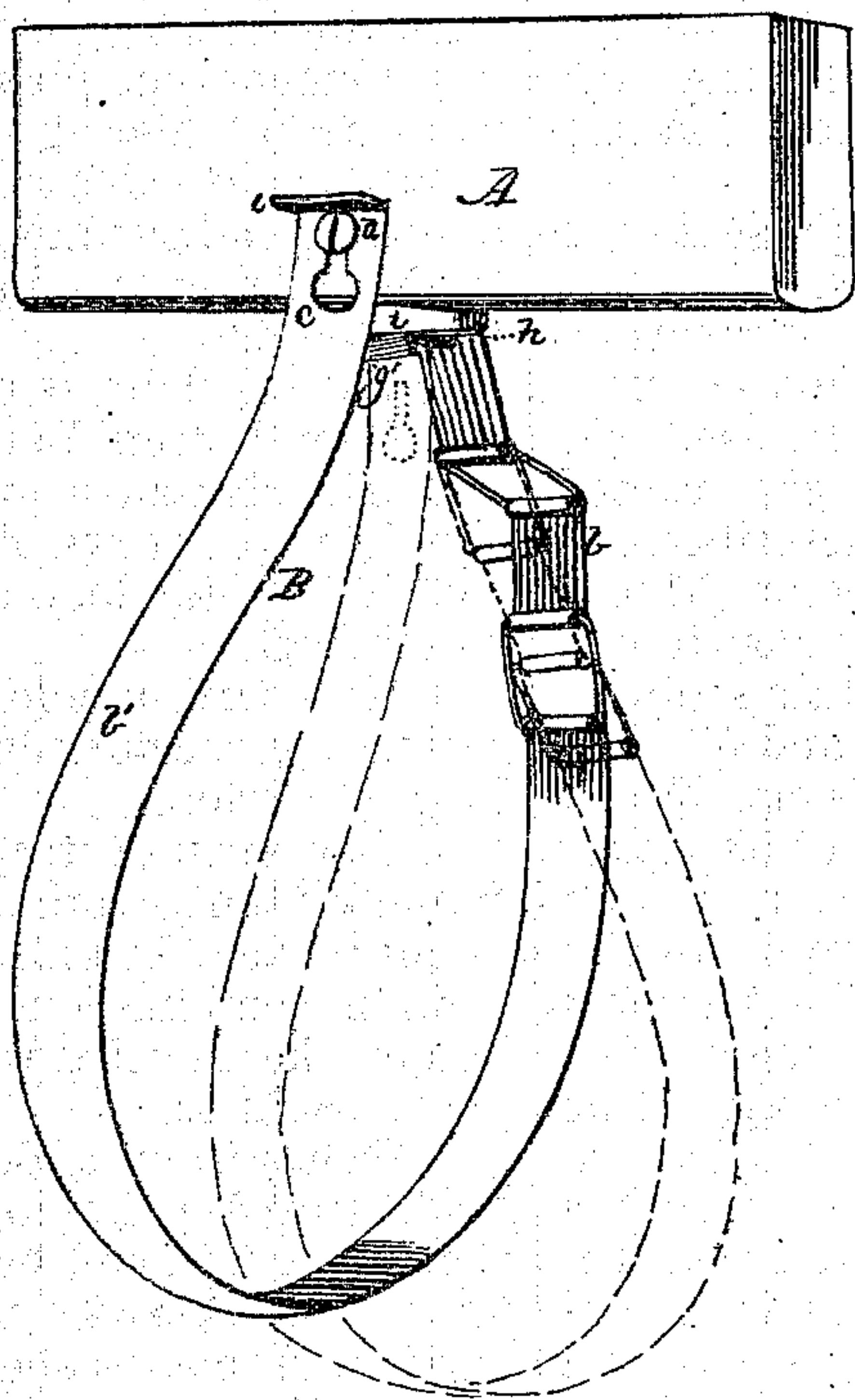
[22.]

H. CORNELL & A. H. MARSHALL.

Improvement in Carriage Curtain Straps.

No. 119,450.

Patented Oct. 3, 1871.



WITNESSES:

*R. A. Black*  
*Nancy Hartman*

INVENTORS

*H. Cornell and A. H. Marshall*  
*per*  
*Chipman, Hosmer & Co.*  
*Attys.*



# UNITED STATES PATENT OFFICE.

HORATIO CORNELL AND ANDREW H. MARSHALL, OF WILMINGTON, DEL.

## IMPROVEMENT IN CARRIAGE-CURTAIN STRAPS.

Specification forming part of Letters Patent No. 119,450, dated October 3, 1871.

*To all whom it may concern:*

Be it known that we, HORATIO CORNELL and ANDREW H. MARSHALL, of Wilmington, in the county of New Castle and State of Delaware, have invented a new and valuable Improvement in Carriage-Curtain Straps; and we do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing making a part of this specification, and to the letters and figures of reference marked thereon.

The figure of the drawing is a representation of our improved strap in perspective.

Our invention has for its object to furnish a neater and more substantial carriage-curtain holder than the leather strap generally used. It consists of a metal holder or strap constructed and employed as hereinafter fully described.

In the drawing, A represents a section of that part of the carriage top to which the curtain is attached. B is our improved curtain-strap or holder. It is made of two parts, *b* and *b'*. *b* is a link or series of links or jointed sections. When composed of one link it is pivoted at its upper end to the carriage-top frame. When made of a series of links the upper one is pivoted to the frame, as shown in the drawing. The section *b* is jointed to the large metal loop *b'*, made in the shape distinctly shown in the drawing. This loop is provided at its other end with a button-hole, *c*, which fits the button-hole *d* when the curtain is rolled up. When the leather curtain is down the holder is held in a folded position by the lip or catch *e*, which engages with the hook or bend *g'*, and is hid from view inside the carriage by the small cloth curtain. In order that the bend *h* of the upper section may have a horizontal position, so that the holder shall hang true, we provide a beveled washer, *i*, to conform on its upper surface to the curve or slant of the carriage-frame.

The improved holder may be made of any suitable metal. It may be of steel highly burnished

or polished, or of brass, or tin; but we prefer to make it of iron, silver plated.

It is obvious that the configuration of the holder may be greatly varied, for the sake of ornamentation, without departing from the spirit of our invention.

The advantages claimed for our invention are: It is more durable, ornamental, and convenient than the strap in general use. The leather strap now commonly employed cracks and rots quickly. The leather also shrinks and renders it a very difficult matter oftentimes to unbutton the strap and drop the curtain. Our invention is not open to these objections, but is neat, substantial, and convenient.

What we claim as our invention, and desire to secure by Letters Patent, is—

1. The curtain-strap or holder provided with a metal link or series of links, as set forth.

2. The metal loop or section *b'*, substantially as set forth.

3. The curtain-holder, made in the manner described, of the flexible portion united to the rigid loop or section.

4. The curtain-strap, united to the carriage-frame by the pivotal connection to allow of its being turned around.

5. In combination with the carriage-curtain holder the beveled washer, as and for the purpose described.

6. The curtain-holder, consisting of the metallic hook-strap *b' h*, having the link or links *b* near the end *h*, said end being elbow-shaped and perforated or otherwise adapted to be pivoted to the carriage-frame, as specified.

In testimony that we claim the above we have hereunto subscribed our names in presence of two witnesses.

HORATIO CORNELL.  
ANDREW H. MARSHALL.

Witnesses:

GEORGE O'NEILL,  
J. Q. BUPER.

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