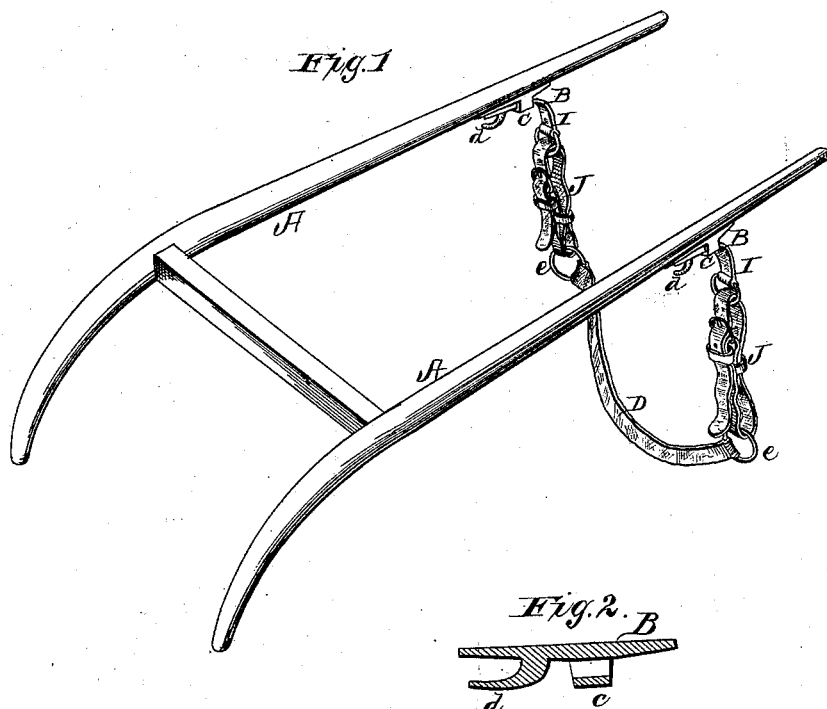


C. I. CALVERT.  
Harness.

No. 201,745.

Patented March 26, 1878.



WITNESSES  
*Francis L. Ormrod*  
*Frank Galt*

INVENTOR  
*Calender J. Calvert*  
*Hander Mason*  
ATTORNEYS

# UNITED STATES PATENT OFFICE.

CALENDER I. CALVERT, OF PHILADELPHIA, PENNSYLVANIA.

## IMPROVEMENT IN HARNESS.

Specification forming part of Letters Patent No. **201,745**, dated March 26, 1878; application filed September 27, 1877.

*To all whom it may concern:*

Be it known that I, CALENDER I. CALVERT, of Philadelphia, in the county of Philadelphia, and in the State of Pennsylvania, have invented certain new and useful Improvements in Harness; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in the mode hereinafter described of constructing the breeching of harness for horses, and the mode of attaching the same to the thills of vehicles, as will be set forth.

To enable those skilled in the art to make and use my invention, I will now proceed to describe its construction and operation.

In the accompanying drawings, making part of this specification, Figure 1 represents a perspective of the thills of a vehicle with a portion of the breeching attached thereto, and Fig. 2 is a section of the iron which is secured to the thills for holding the breeching.

In the figures, A A represent the thills of a vehicle, which are constructed in any of the well-known and usual ways. To the under side of these thills, and far enough back to connect the breeching, are secured the irons or holders B B. These holders are made of any suitable material, and are provided with a loop, *c*, and a hook, *d*, the point of which points backward. The holders are secured to the shafts by screws or bolts, or in other suitable manner.

D represents the holdback or buttock strap of the breeching, which is provided at each

end with a ring, *e*. J J represent side straps, which buckle into the rings *ee*. I I represent short straps, which are provided at their inner ends with rings, and near their outer ends with eyes. The straps J J pass through the rings on the straps I I. The outer ends of the straps I I pass through the loops *cc* on the holders B B, and then their eyes are caught over the hooks *dd*. The hip-straps of the breeching are secured in the rings *ee*, and serve to hold up the buttock-strap D, as is usual.

By this arrangement a horse may be attached to a vehicle very quickly and securely by simply passing the end of a strap, I, into the loop *c*, and securing it upon the hook, and then the breeching can be lengthened or shortened to suit different-sized horses by simply taking up or letting out the straps J J.

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

1. The strap D, the adjusting-straps J J, and the fastening-straps I I, connected and constructed substantially as and for the purpose set forth.

2. The holders B B, secured to the thills and provided with loops *cc* and hooks *dd*, in combination with the straps I I, as constructed, for the purpose specified.

In testimony that I claim the foregoing I have hereunto set my hand this 3d day of September, 1877.

CALENDER I. CALVERT.

Witnesses:

WM. P. HIBBERD,  
LEWIS W. MOORE.