

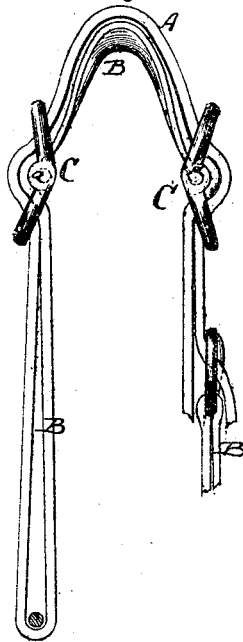
*L. R. Ward,*

*Breast Strap Protector.*

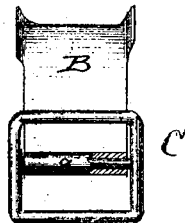
*No. 107,134.*

*Patented, Sept. 6. 1870.*

*Fig. 1.*



*Fig. 2.*



**Witnesses:**

*John Beemer*  
*W. S. Mahoe*

**Inventor:**

*L. R. Ward*

**PER**

*Munn & Co.*

**Attorneys.**

# United States Patent Office.

LORENZO R. WARD, OF WARD'S CORNERS, IOWA.

*Letters Patent No. 107,134, dated September 6, 1870.*

## IMPROVED BREAST-STRAP PROTECTOR FOR HARNESS.

The Schedule referred to in these Letters Patent and making part of the same.

*To all whom it may concern :*

Be it known that I, LORENZO R. WARD, of Ward's Corners, in the county of Buchanan and State of Iowa, have invented a new and useful Improvement in Breast-strap Protector; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification.

Figure 1 represents an edge view of my improved breast-strap clamp.

Figure 2 is a side view of the same.

Similar letters of reference indicate corresponding parts.

This invention relates to a new lining for breast-straps, whereby the wearing of the same by the neck-yoke ring will be prevented.

The invention consists in the combination of a curved shield with two links, which are hinged to the ends of the shield, to clamp the same against the breast-strap.

A in the drawing represents the breast-strap.

B is a curved metal shield, placed against the inner side of the breast-strap, and bent so as to fit the bend of the strap, as shown in fig. 1.

To the ends of the shield B are pivoted the central cross-bars *a a* of two links C C, the said links being

made of iron or other material, of the form substantially as indicated in fig. 2.

Their sides are slightly bent, to bring the middle inwardly, as in fig. 1.

The strap is drawn through both links, and rests against the outer surface of the shield. As draft is applied, the links will firmly clamp the shield against the strap.

The ring of the neck-yoke will wear against the shield, which effectually protects the breast-strap.

Instead of being merely drawn through the links, the ends of the breast-strap may be fastened to the outer ends of the links. The strap would, in that case, extend from the link to the collar, and thence forward through the link and around the shield. The action of the apparatus will be the same in both cases.

Having thus described my invention,

I claim as new and desire to secure by Letters Patent—

The breast-strap protector, consisting of the shield B and links C C, substantially as herein shown and described.

LORENZO R. WARD.

Witnesses:

SIDNEY W. WARD,  
SEYMOUR WHITNEY.