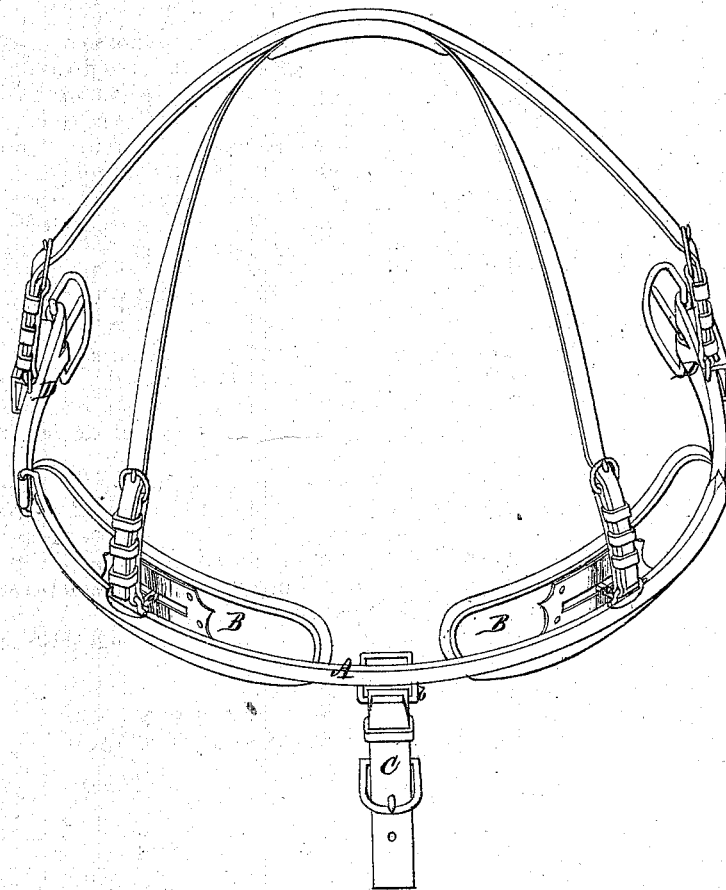


JAMES NELLIS.

Improvement in Breast Collars for Horses.

No. 115,346.

Patented May 30, 1871.



Witnesses

John A. Ellis  
James V. White

Inventor

James Nellis,  
Per

J. F. Alexander  
Atty

# UNITED STATES PATENT OFFICE.

JAMES NELLIS, OF YPSILANTI, MICHIGAN, ASSIGNOR TO HIMSELF AND SYLVESTER W. BEACH, OF SAME PLACE.

## IMPROVEMENT IN BREAST-COLLARS FOR HORSES.

Specification forming part of Letters Patent No. 115,346, dated May 30, 1871.

*To all whom it may concern :*

Be it known that I, JAMES NELLIS, of Ypsilanti, in the county of Washtenaw and State of Michigan, have invented certain new and useful Improvements in Breast-Collars; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon which form a part of this specification.

The nature of my invention consists in the construction and arrangement of a breast-collar, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, which represents a perspective view of the breast-collar.

A represents a metallic half-circle, at suitable points upon the inner circumference of which are two stationary projections, *a a*. The end of each of these projections is inserted and pivoted in a slot in the center of a pad, B, thus making two adjustable pads, attached to the ring A. These pads are constructed and latched in such a manner as to bring the

draft properly on the horse's breast or shoulder and adapt themselves to the various motions of the horse, always having a space of about four inches between them, thus relieving pressure from the throat. To the front of the ring A is attached a loop, *b*, in which may be fastened a pole-strap, C, so that this breast-collar may be used equally well for one or two horses. Attached to each side of this collar is a short tug, D, one of which I have represented as stationary and the other as adjustable. I reserve to myself, however, the right to use them either as represented, or both stationary, or both adjustable.

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

A breast-collar, composed of a metallic half-circle and adjustable pads attached thereto, substantially for the purposes herein set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

JAMES NELLIS.

Witnesses:

S. M. CUTCHEON,  
SYLVESTER W. BEACH.