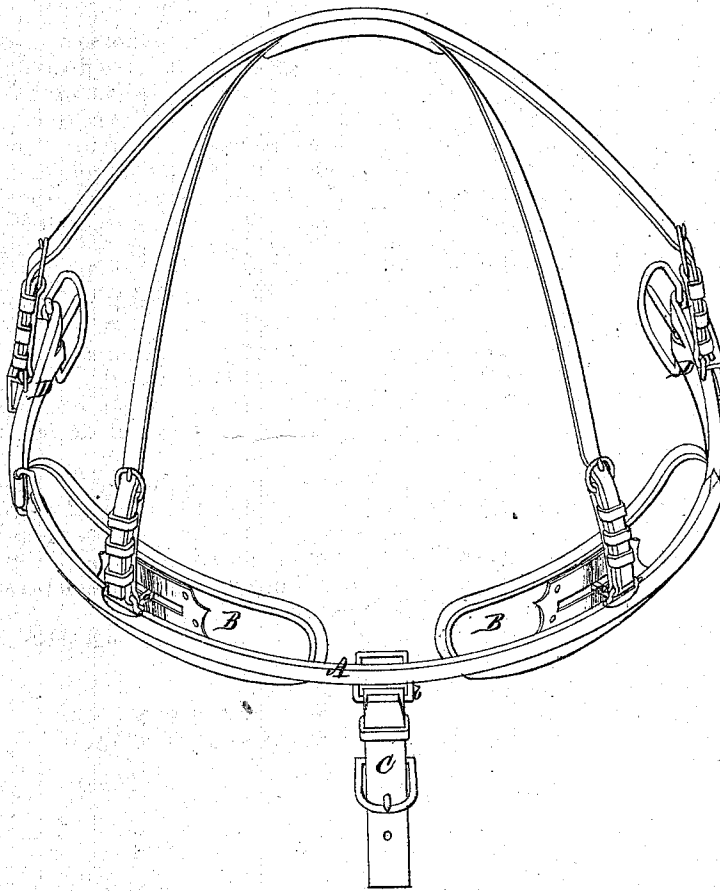


JAMES NELLIS.

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. A. 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.