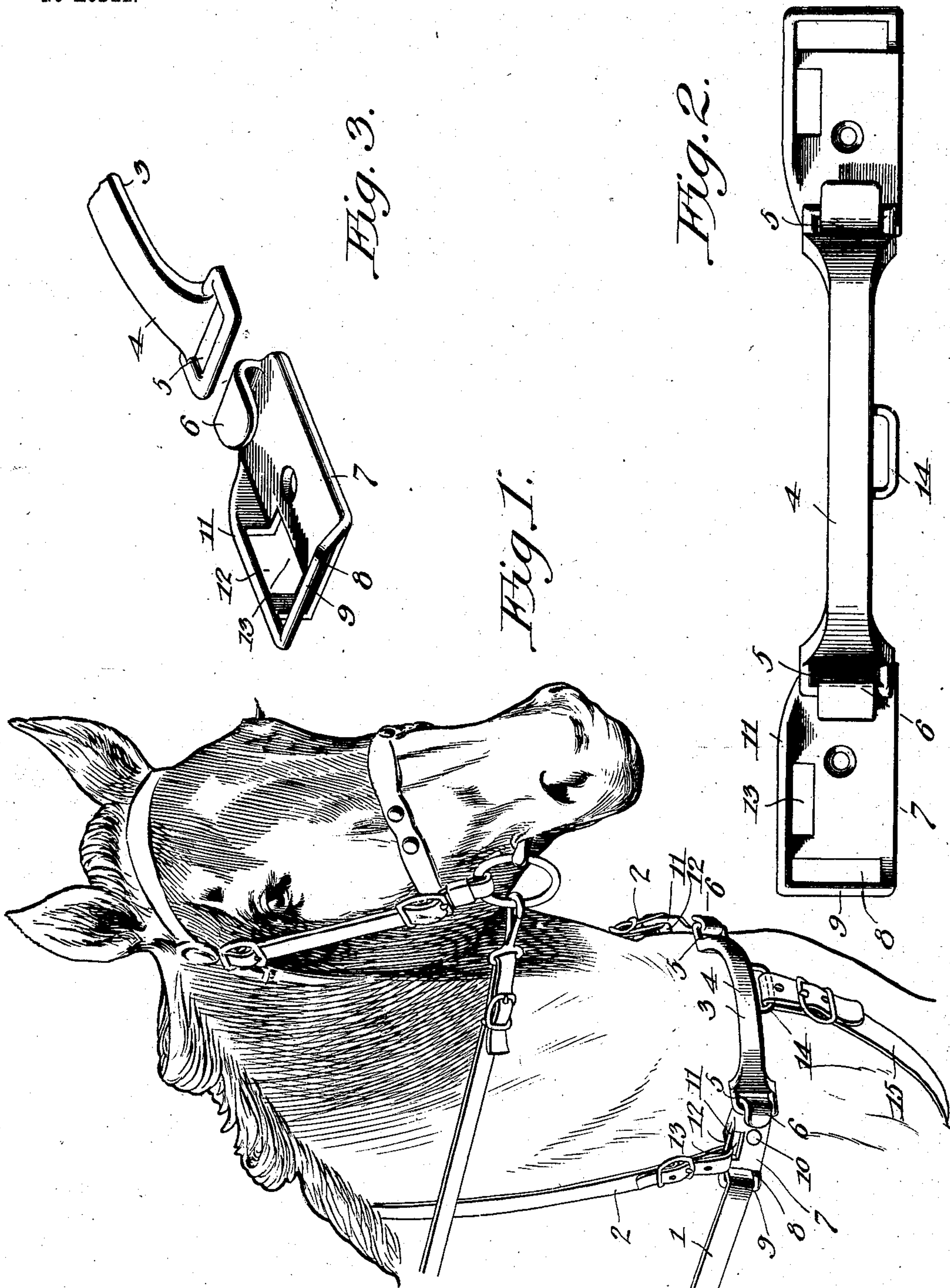


No. 746,180.

PATENTED DEC. 8, 1903.

C. SEVERNS.
BREAST BOW FOR HARNESS.
APPLICATION FILED MAY 6, 1903.

NO MODEL.



Witnesses
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UNITED STATES PATENT OFFICE.

CRISPEN SEVERNS, OF MOHAWK VILLAGE, OHIO.

BREAST-BOW FOR HARNESS.

SPECIFICATION forming part of Letters Patent No. 746,180, dated December 8, 1903.

Application filed May 6, 1903. Serial No. 155,911. (No model.)

To all whom it may concern:

Be it known that I, CRISPEN SEVERNS, a citizen of the United States, residing at Mohawk Village, in the county of Coshocton and State of Ohio, have invented a new and useful Breast-Bow for Harness, of which the following is a specification.

This invention relates to an improved breast bow or collar for single harness, and has for its object to provide a simple, inexpensive, and efficient device of this character adapted to protect the throat and wind-passage of a horse while drawing a carriage or other vehicle, thereby preventing choking of the animal or interference with proper respiration while running.

A further object of the invention is to provide a breast-bow which may be easily and readily connected to or disconnected from the tug-plate, so as to facilitate the putting on or removal of the harness, and, furthermore, to cause the pull or line of draft from the shoulder instead of the throat and to prevent rubbing or chafing of the horse's sides by the trace.

The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended, it being understood that various changes in form, proportions, and minor details of construction may be resorted to without departing from the spirit or sacrificing any of the advantages of this invention.

In the accompanying drawings, Figure 1 is a perspective view of a horse, showing my improved breast bow or collar applied thereto. Fig. 2 is a front elevation of the same detached, and Fig. 3 is a perspective view showing one end of the breast-bow detached from the tug-plate.

Similar numerals of reference indicate corresponding parts in all the figures of the drawings.

1 designates the trace, 2 the pad-strap, and 3 my improved breast bow or collar. The breast-bow 3 consists of a substantially semi-circular bar or rod 4, formed of metal or other suitable material, the opposite ends of which are bent at right angles and provided with slots or recesses 5, adapted to receive the in-

wardly-extending hooks 6 of the tug-plates 7. The tug-plates 7, which may be of any desired shape or configuration, are preferably rectangular in form, the rear end thereof being bent upwardly and outwardly and provided with an opening 8 for the reception of the trace, the trace, passing over the bar 9 and through said opening, being secured to the back of the tug-plate in any suitable manner, as by rivets 10. By having the trace pass over the bar 9 instead of directly through the opening 8 the trace is prevented from coming in contact with the animal's shoulders, removing the pull on line of draft from the animal's throat, and preventing rubbing and chafing of the parts.

The plate 7 is formed with an outwardly-extending rib or flange 11, provided with an opening 12, communicating with a similar opening 13 in the body of the plate and through which the pad-strap 2 passes, as clearly shown in Fig. 1 of the drawings. A depending eye or loop 14 is secured to or formed integral with the breast-bow 3, adapted to receive the choke-strap 15, the opposite end of which is connected in the usual manner to the belly-band of the harness. By having the breast-bow detachably secured to the tug-plates either end thereof may be quickly disconnected to facilitate the putting on or removal of the harness, while the peculiar shape of the breast-bow effectively prevents choking of the animal and causes the pull or line of draft from the shoulders instead of the throat.

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

1. A breast-bow for single harness comprising, a pair of tug-plates one end of each of which is provided with an outwardly-extending marginal rib or flange having a trace-receiving opening formed therein, the opposite end of each plate being bent to form inwardly-extending hooks, an outwardly-curved bar connecting said hooks, and traces passing over the marginal ribs or flanges and through the openings therein, said traces being secured to the back of the tug-plates.

2. A breast-bow for single harness comprising, a pair of tug-plates one end of each of

which is provided with an outwardly-extending rib or flange having a pair of openings formed therein and arranged at right angles to each other, the opposite end of each plate
5 being bent to form inwardly-extending hooks, an outwardly-curved bar provided with a centrally-disposed depending loop detachably connected to the hooks, and traces passing over the marginal ribs or flanges and through

one of the openings therein, said traces being secured to the back of the tug-plates.

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

CRISPEN SEVERNS.

Witnesses:

T. E. ALMACK,
T. H. WHEELER.