

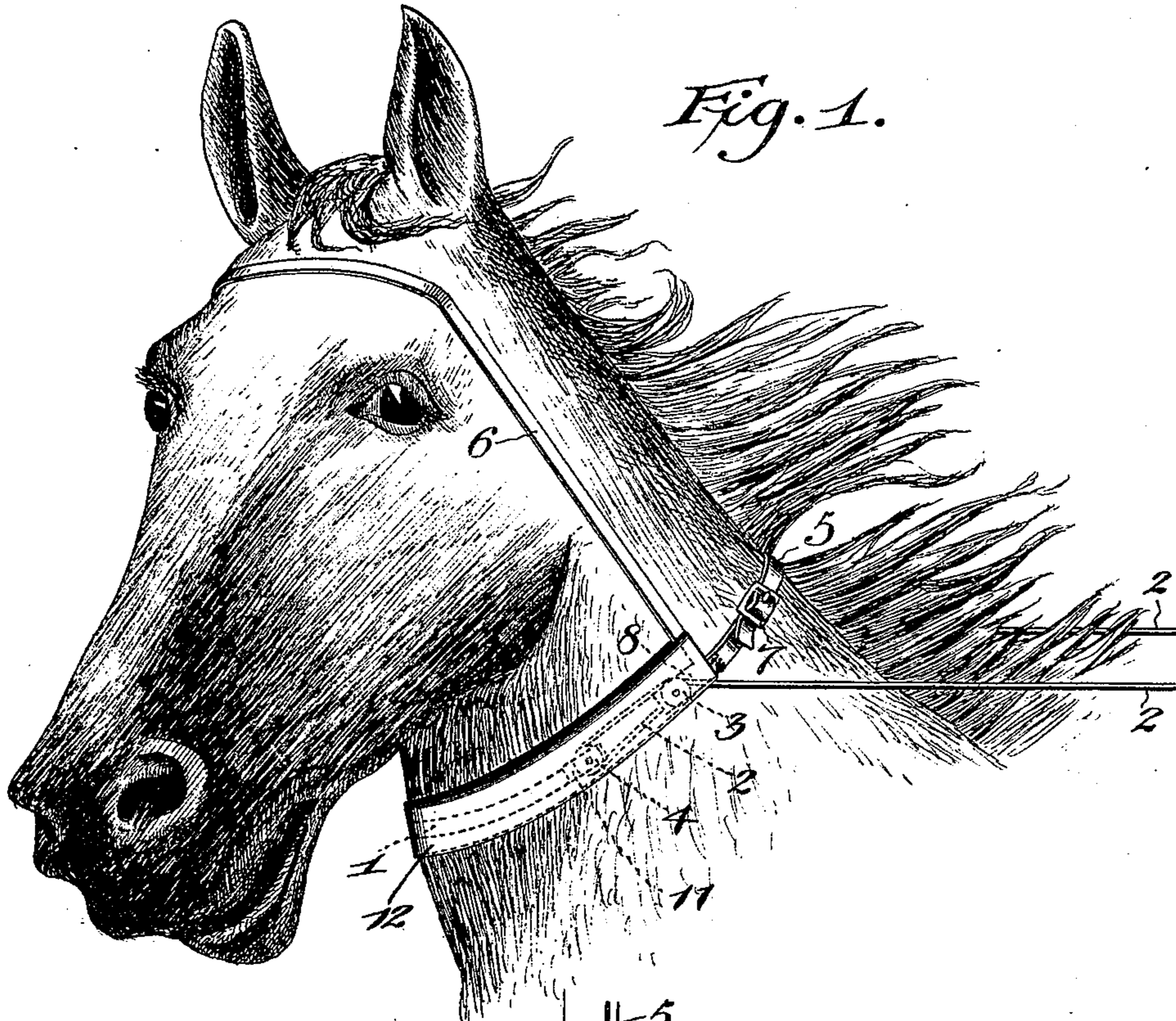
No. 641,810.

Patented Jan. 23, 1900.

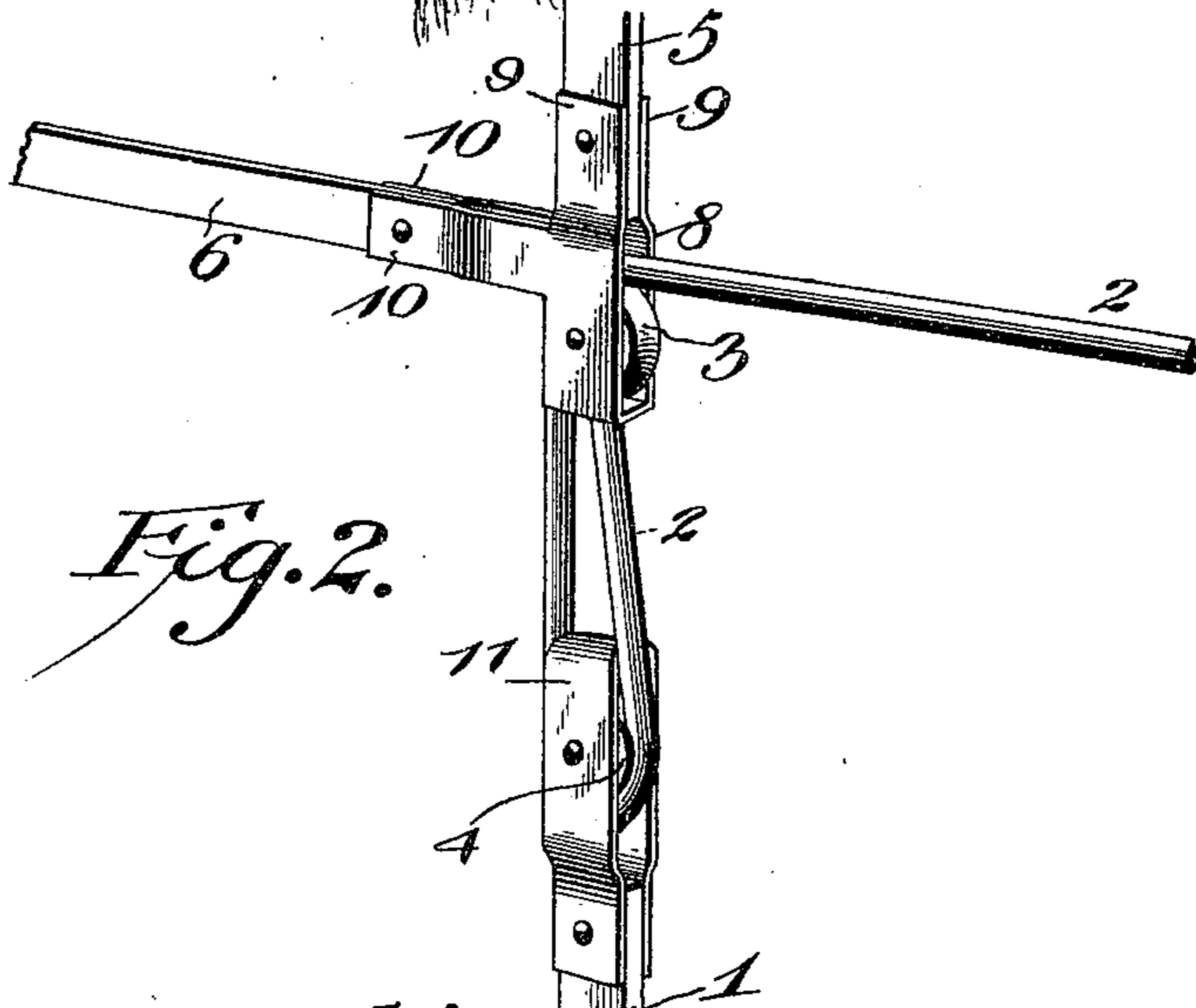
W. TREVERTON.  
DEVICE FOR CONTROLLING HORSES.

(Application filed Nov. 5, 1898.)

(No Model.)



*Fig. 1.*



*Fig. 2.*

Witnesses

*A. Roy Appelman*  
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# UNITED STATES PATENT OFFICE.

WILLIAM TREVERTON, OF CARLISLE, PENNSYLVANIA.

## DEVICE FOR CONTROLLING HORSES.

SPECIFICATION forming part of Letters Patent No. 641,810, dated January 23, 1900.

Application filed November 5, 1898. Serial No. 696,595. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM TREVERTON, a citizen of the United States, residing at Carlisle, in the county of Cumberland and State of Pennsylvania, have invented a new and useful Safety-Bridle, of which the following is a specification.

My invention relates to a safety-bridle or horse-checking device for use in checking a runaway or restive horse; and the object in view is to provide an apparatus of this class whereby pressure may be applied to the throat of the animal for compressing the windpipe, and thus depriving the horse of breath.

Further objects and advantages of this invention will appear in the following description, and the novel features thereof will be particularly pointed out in the appended claims.

In the drawings, Figure 1 is a perspective view of a safety-bridle constructed in accordance with my invention applied in the operative position. Fig. 2 is a detail view of the running connection between the throat-latch and the support.

Similar reference characters indicate corresponding parts in both figures of the drawings.

The safety or checking device embodying my invention consists, essentially, of a throat-latch 1, connected with a suitable supporting device by means of a flexible runner consisting of a rawhide thong 2 or the equivalent thereof and passing around suitable pulleys or sheaves 3 and 4, the former of which is carried by the support and the latter by the throat-latch, with the extremities of the runner suitably attached to the support. The support whereby the movable throat-latch is held in the desired position, spanning or traversing the throat of the horse, may consist of a bridle or any other analogous portion of harness, or it may, as illustrated in the drawings, be provided with a support independent of an ordinary bridle and consisting of a back or neck strap 5 and a brow-band 6, said neck-strap being adjustable by means of a buckle 7 or its equivalent and the upper or stationary pulleys or sheaves being mounted thereon. In practice I prefer to employ a metallic connection 8 between the neck-strap 5 and the brow-band 6, said connection or coupling consisting of a looped metallic plate having

side arms 9; secured to opposite surfaces of the neck-strap and forming a block or frame in which the pulley 3 is mounted, and forwardly-extending arms 10, which are secured to opposite sides of the brow-band. A similar looped block 11 may be attached to the throat-latch to form a casing for the movable pulley or sheave 4.

It will be understood that while in the drawings only one set of pulleys 3 and 4 is illustrated a duplicate set is adapted to be arranged at the opposite end of the throat-latch and that the runner 2 may be of looped construction, with the looped portion extended rearwardly toward the rider or driver in convenient position to be grasped, while the extremities of said runner are attached, respectively, to the connections of couplings, of which one is illustrated at 8 in the drawings. In case of an attempt upon the part of a horse upon which an apparatus embodying my invention is fitted to become unruly the runner 2 may be drawn rearwardly to tighten the throat-latch across the throat, and thus deprive the horse of breath. Furthermore, in practice I prefer to incase the throat-latch and adjustable connections between the throat-latch and the support, including the pulleys 3 and 4 and the front portions of the runner 2, in a flexible sheath 12, which serves not only as a guard to prevent pinching or otherwise abrading the throat of the animal, but as a means of concealing the movable elements of the apparatus and presenting a slightly exterior appearance.

Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

Having described my invention, what I claim is—

1. In a strangling device, the combination with a stationary member comprising a brow-band, of a T-shaped plate at each end of the brow-band, said plate being formed integral and comprising similar elements bent to lie parallel and having a connecting-web, said band being connected between the elements of the plate at the end of the stem, an adjustable neck-strap connected with one end of the head of each plate between the ele-

ments thereof, a roller rotatably mounted near the opposite end of the head of each plate between the elements and adjacent their connecting-web, a throat-latch having a roller at each end, and a flexible runner connected with the roller end of each of said plates and passed over the adjacent roller of the throat-latch and then over its respective roller of its respective plate.

10 . 2. In a strangling device, the combination with a stationary member comprising a brow-band, of a T-shaped plate at each end of the brow-band, said plate being formed integral and comprising similar elements bent to lie parallel and having a connecting-web, said band being connected between the elements of the plate at the end of the stem, an adjustable neck-strap connected with one end of the head of each plate between the elements thereof, a roller rotatably mounted near the opposite end of the head of each

plate between the elements and adjacent their connecting-web, a throat-latch having a roller at each end, a flexible runner connected with the roller end of each of said plates and passed over the adjacent roller of the throat-latch and then over its respective roller of its respective plate, and a housing extending continuously from the farther side of one plate-stem to the farther side of the other plate-stem and including the throat-latch, the rollers, the connection between the rollers and the intervening portions of the plate.

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

WILLIAM TREVERTON.

Witnesses:

C. M. LIGGETT,  
W. O. FORTNEY.