

No. 790,897.

PATENTED MAY 30, 1905.

D. A. HIGH.
BRIDLE BLIND.

APPLICATION FILED MAY 5, 1904.

Fig. 1.

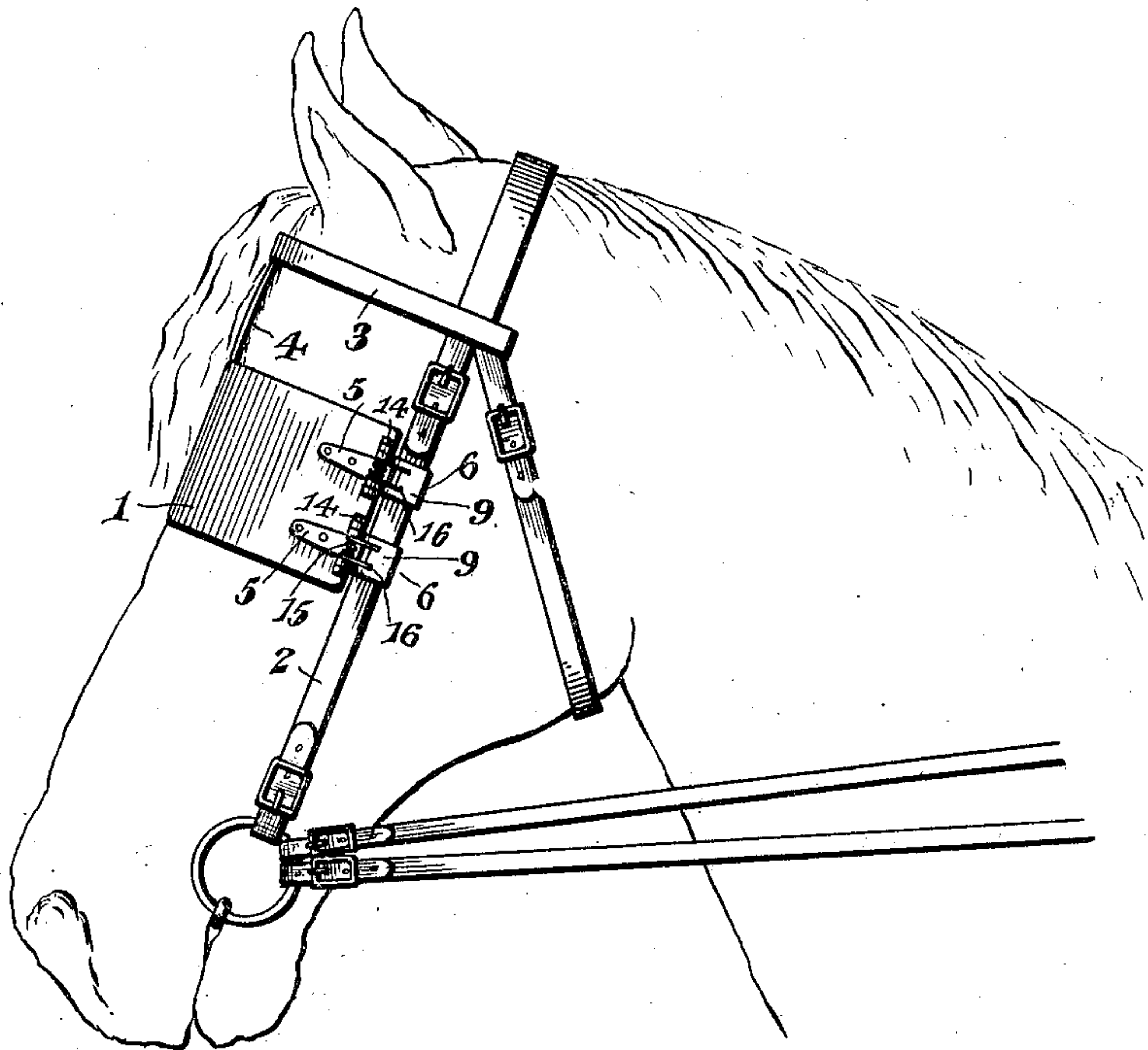


Fig. 2.

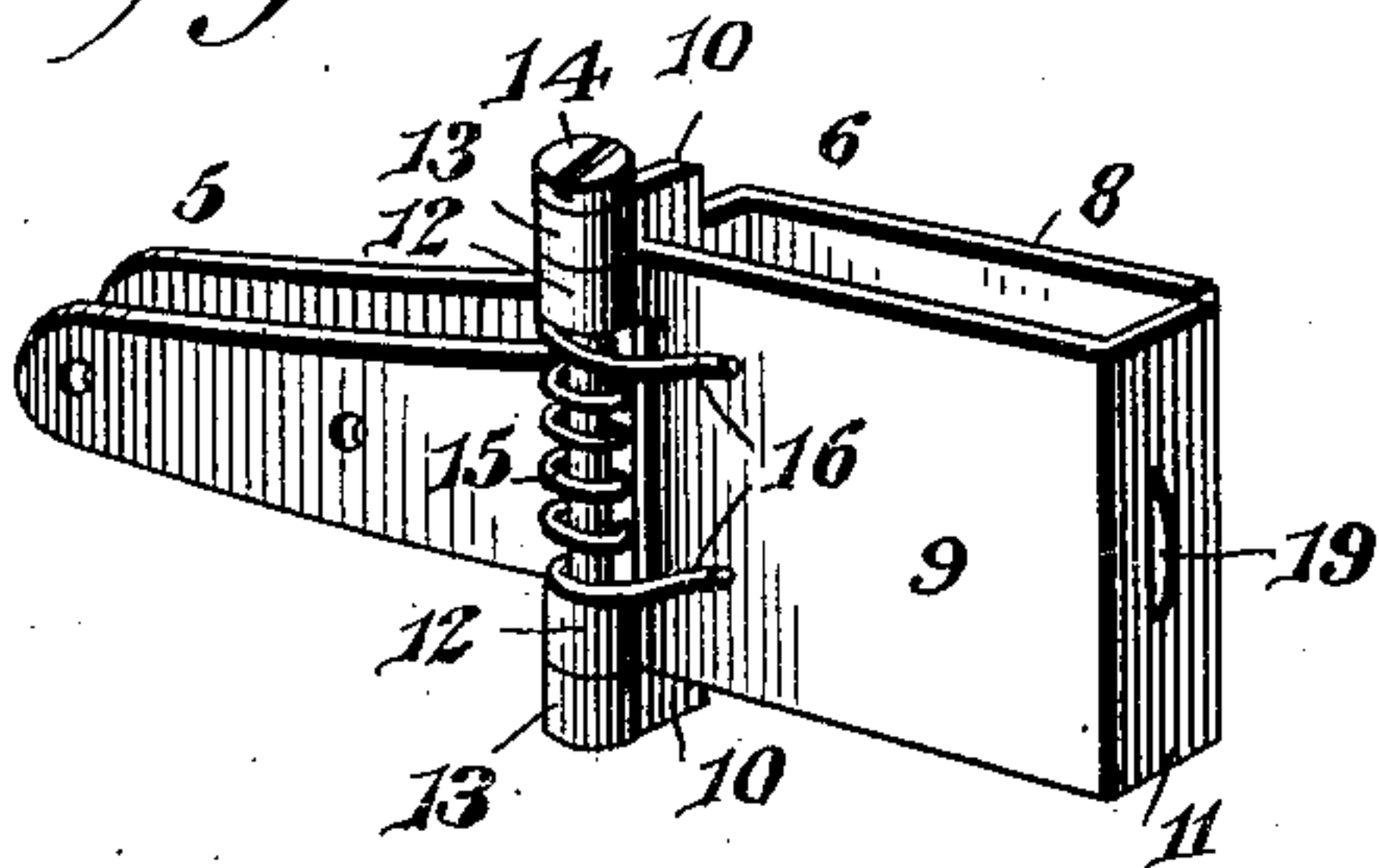


Fig. 3.

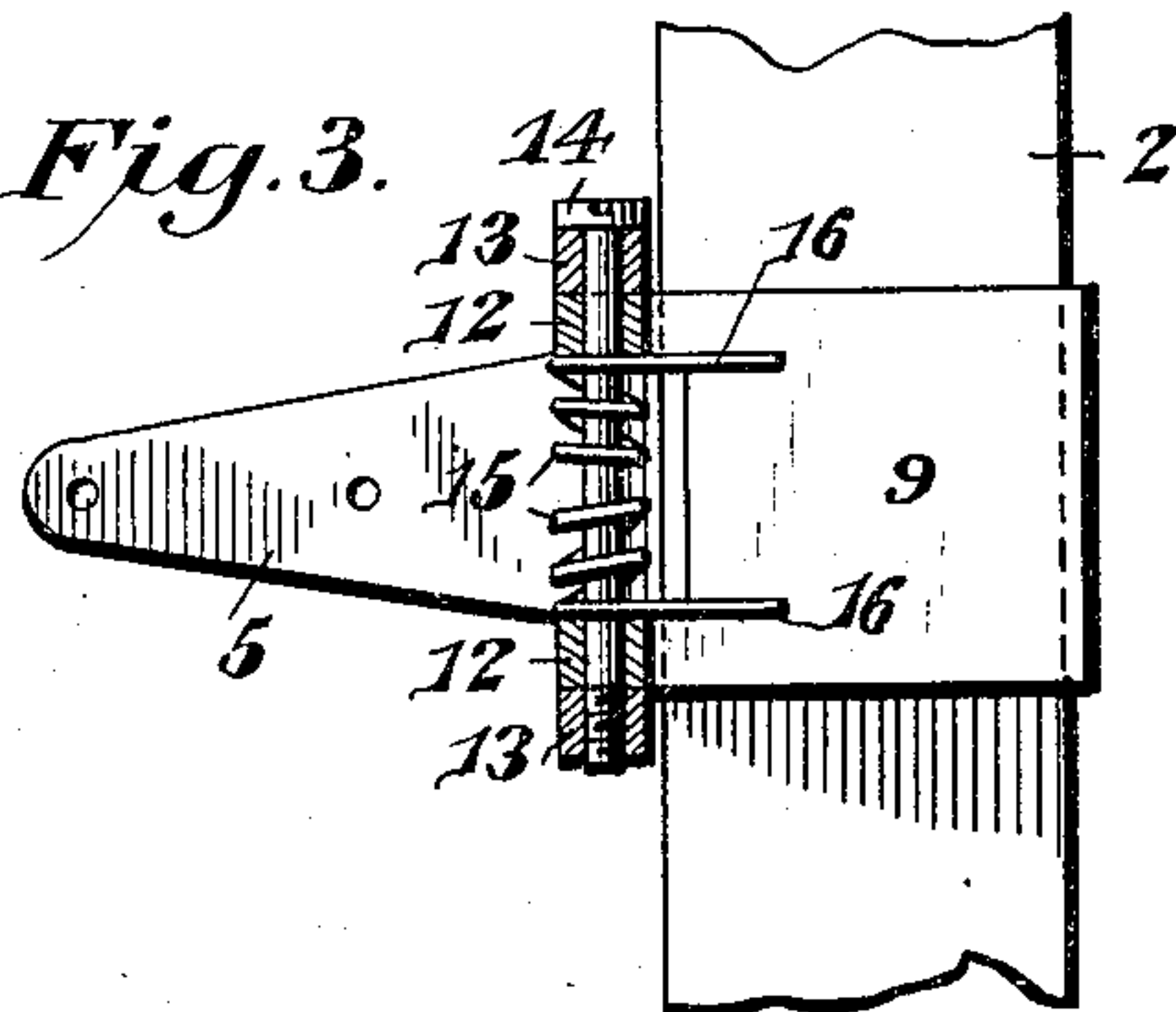


Fig. 5.

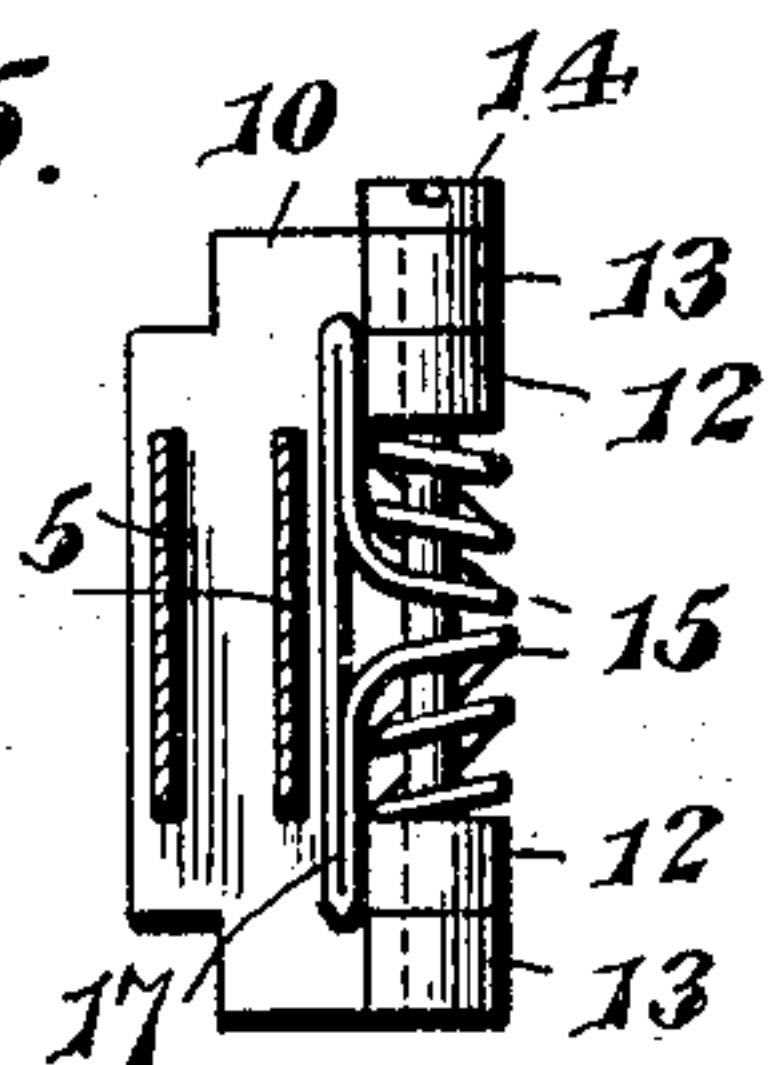
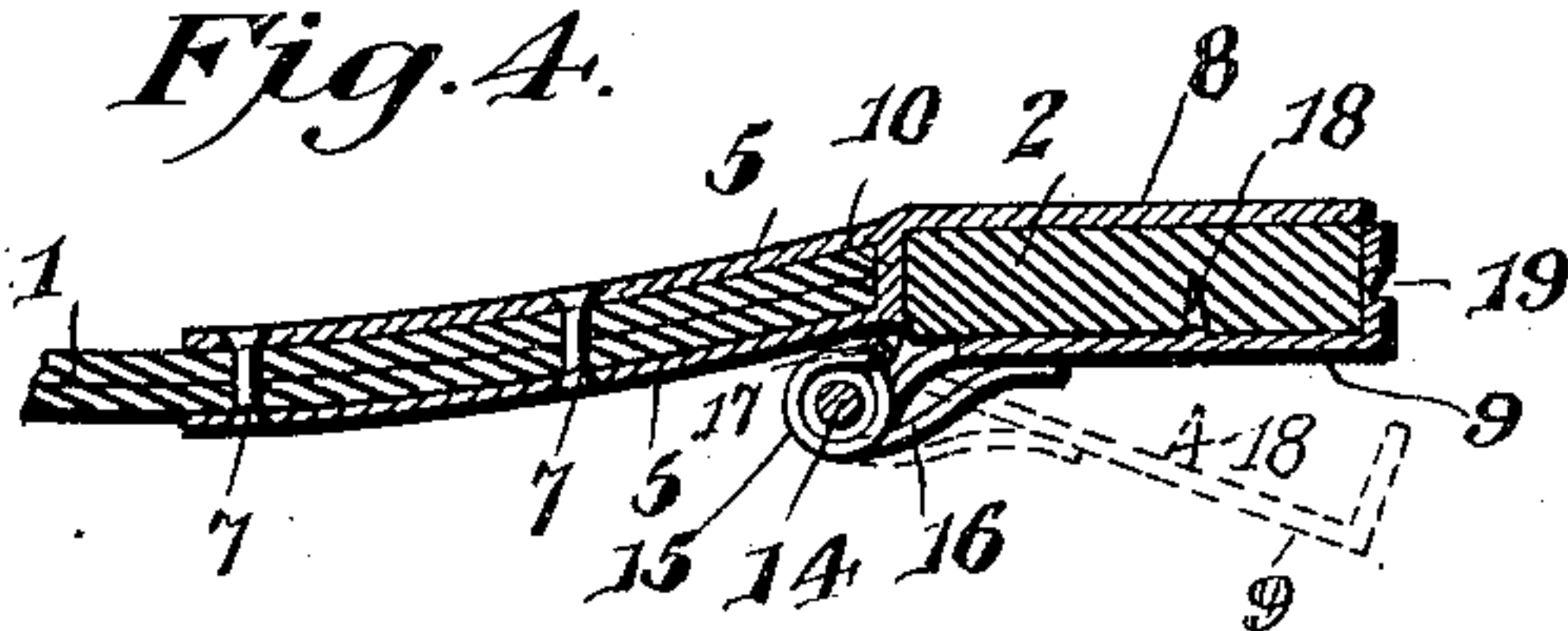


Fig. 4.



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UNITED STATES PATENT OFFICE.

DAVID A. HIGH, OF ASHLEY, OHIO.

BRIDLE-BLIND.

SPECIFICATION forming part of Letters Patent No. 790,897, dated May 30, 1905.

Application filed May 5, 1904. Serial No. 206,550.

To all whom it may concern:

Be it known that I, DAVID A. HIGH, a citizen of the United States, residing at Ashley, in the county of Delaware and State of Ohio, have invented a new and useful Bridle-Blind, of which the following is a specification.

The invention relates to improvements in bridle-blinds.

The object of the present invention is to improve the construction of bridle-blinds, more especially the means for attaching the same to a bridle, and to provide a simple, inexpensive, and efficient device adapted to enable the blinds of a bridle to be readily attached to and removed from the same when desired, whereby a horse may be worked either with or without blinds.

A further object of the invention is to provide a blind-attaching device adapted to hold a blind off from the eye of the animal to avoid injuring the sight of the same.

With these and other objects in view 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 the form, proportion, size, and minor details of construction within the scope of the claims may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawings, Figure 1 is a side elevation of a bridle provided with blind-attaching devices constructed in accordance with this invention. Fig. 2 is a detail perspective view of one of the blind-attaching devices. Fig. 3 is a side elevation, partly in section. Fig. 4 is a horizontal sectional view. Fig. 5 is a transverse sectional view.

Like numerals of reference designate corresponding parts in all the figures of the drawings.

1 designates a blind which is detachably secured to the cheek-strap 2 of a bridle by means of a pair of devices arranged as illustrated in Fig. 1 of the drawings at the upper and lower portions of the rear edge of the blind. The blind is of the usual construction and is connected at its upper corner with the brow-band

3 by means of the usual winker-strap 4, which may be provided with any suitable means for enabling the blind to be disconnected from the brow-band. Each blind-attaching device comprises a clip 5 and a clamp 6. The clip 5 is composed of a pair of parallel arms or sides receiving the blind between them and secured to the same by rivets 7 or other suitable fastening devices, as clearly illustrated in Fig. 4 of the drawings. By this construction the device is firmly secured to the blind and is removable with the same.

The clamp is composed of two laterally-separable approximately L-shaped jaws 8 and 9, forming a rectangular box or loop for embracing the cheek-strap. The inner jaw 8 is provided at its inner or front end with a transverse portion 10, to which the clip is fixed and which is arranged at the front edge of the cheek-strap. The other jaw, 9, is provided at its rear end with a transverse portion or end 11, which is arranged at the rear edge of the cheek-strap. The L-shaped jaws 8 and 9 are thus reversely arranged, the transverse portions 10 and 11 being located at opposite ends of the clamp. The front end of the jaw 9 is provided with upper and lower eyes 12, which are arranged between the upper and lower eyes 13 of the transverse portion or end 10 of the inner jaw 8, and the two jaws are hinged together by a pintle 14, preferably in the form of a screw. The screw is provided at its upper end with a head, and its lower end, which is threaded, engages interior screw-threads of the lower eye 13. The screw may be reversed, and any other means may be employed for securing the pintle in the eyes of the jaws.

Mounted on the pintle between the eyes 12 is arranged a coiled spring 15, having end arms 16 for engaging the exterior of the jaw 9 and provided with a central loop 17, which engages the exterior of the end or portion 10. The spring operates to hold the jaws firmly closed and permits them to be opened to introduce the cheek-strap in the clamp and for removing it therefrom. The outer jaw is provided with an inwardly-extending pin or spur 18, which engages the cheek-strap and which assists in holding the jaws in engagement with the same. The rear end or portion 11 is pro-

vided with a nail-receiving groove 19, adapted to receive the thumb or finger nail for enabling the outer jaw to be readily opened.

It will be seen that the bridle-blind-attaching device is exceedingly simple and inexpensive in construction, that it possesses great strength and durability, and that it will enable a bridle-blind to be attached to and removed from the cheek-strap. Also it will be clear that should the spring weaken a new one can be applied at a very small cost and that the pin or spur 18 will assist in holding the clamp on the cheek-strap and prevent the jaws from accidentally opening. Furthermore, the device is adapted to hold the blind away from the eye of the animal to prevent the sight of the same from being injured.

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

1. A bridle-blind-attaching device, comprising a blind-receiving clip, and a clamp carried by the clip and having portions arranged to open and close independently of the said clip for detachably engaging the bridle.

2. A bridle-blind-attaching device, comprising a clamp having spring-actuated jaws for detachably engaging the bridle, and means connected with the clamp for securing the same to a blind, substantially as described.

3. A bridle-blind-attaching device, comprising a bridle-engaging clamp, and means for attaching a blind to the clamp, said means being set at an angle to the clamp to hold the blind away from the eye of an animal, substantially as described.

4. A bridle-blind-attaching device, comprising a bridle-engaging clamp composed of two separable jaws, and a blind-engaging clip consisting of two sides rigidly connected with each other and with one of the said jaws and adapted to receive a blind between them, substantially as described.

5. A bridle-blind-attaching device, comprising a rectangular clamp composed of two approximately L-shaped jaws hinged together, a spring for retaining the jaws in their closed

position, and means for securing the clamp to a blind, substantially as described.

6. A bridle-blind-attaching device, comprising an approximately rectangular clamp composed of two approximately L-shaped jaws hinged together, and a blind-receiving clip extending from one of the jaws, substantially as described.

7. A bridle-blind-attaching device, comprising a clamp composed of two jaws, a spring for holding the jaws in engagement with a bridle, a pin or spur extending inward from one of the jaws, and a blind-receiving clip extending from the clamp and fixed to one of the jaws, substantially as described.

8. A bridle-blind-attaching device, comprising a clamp composed of two jaws provided with eyes spaced apart, a pintle arranged in the eyes, a coiled spring disposed on the pintle and provided with a loop engaging one of the jaws and having arms for engaging the other jaw, and means for mounting the clamp on a blind, substantially as described.

9. A bridle-blind-attaching device, comprising a blind-receiving clip, and a clamp carried by the clip and composed of two approximately L-shaped jaws having their transverse portions located at opposite ends of the clamp to form a box or loop to embrace the cheek-straps of a bridle, said jaws being arranged to open and close independently of the clip for detachably engaging the bridle.

10. A bridle-blind-attaching device, comprising a blind-receiving clip, a bridle-engaging clamp composed of two approximately L-shaped jaws having their transverse portions located at opposite ends of the clamp, one of the transverse portions being connected with the said clip, and a spring for holding the jaws in engagement with a bridle.

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

DAVID A. HIGH.

Witnesses:

SOLON GRANGER,
W. G. McCURDY.