

No. 719,721.

PATENTED FEB. 3, 1903.

J. W. BEAM.
HARNESS ATTACHMENT.

APPLICATION FILED MAY 16, 1900. RENEWED APR. 8, 1902.

NO MODEL.

Fig. 1.

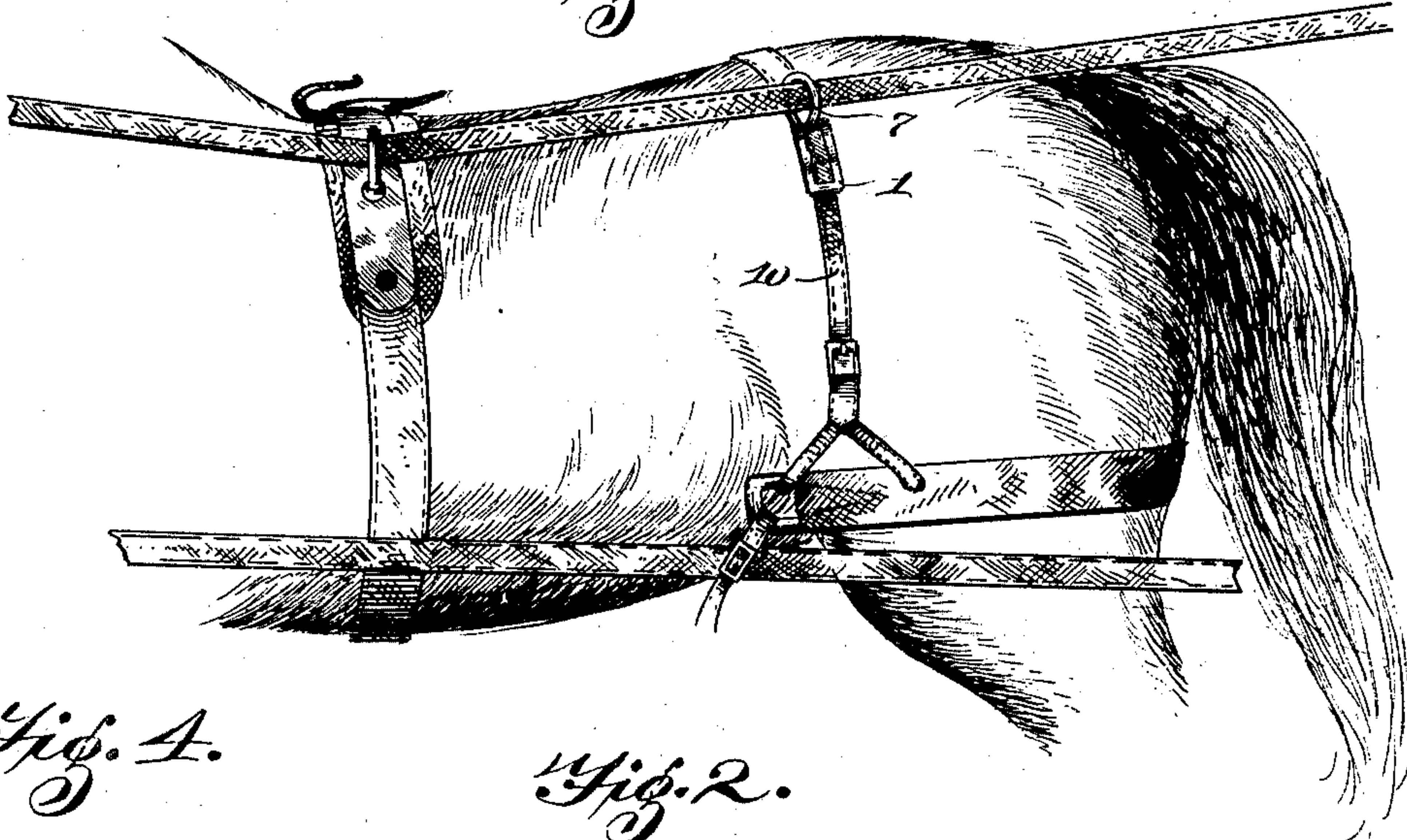


Fig. 4.

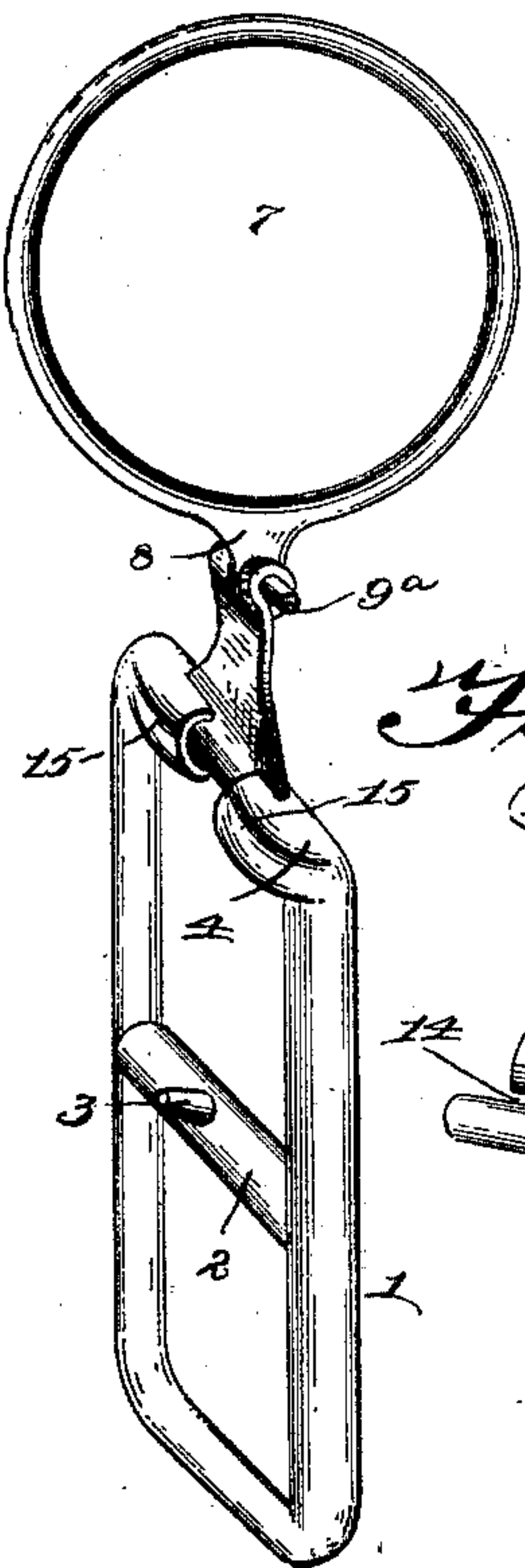


Fig. 2.

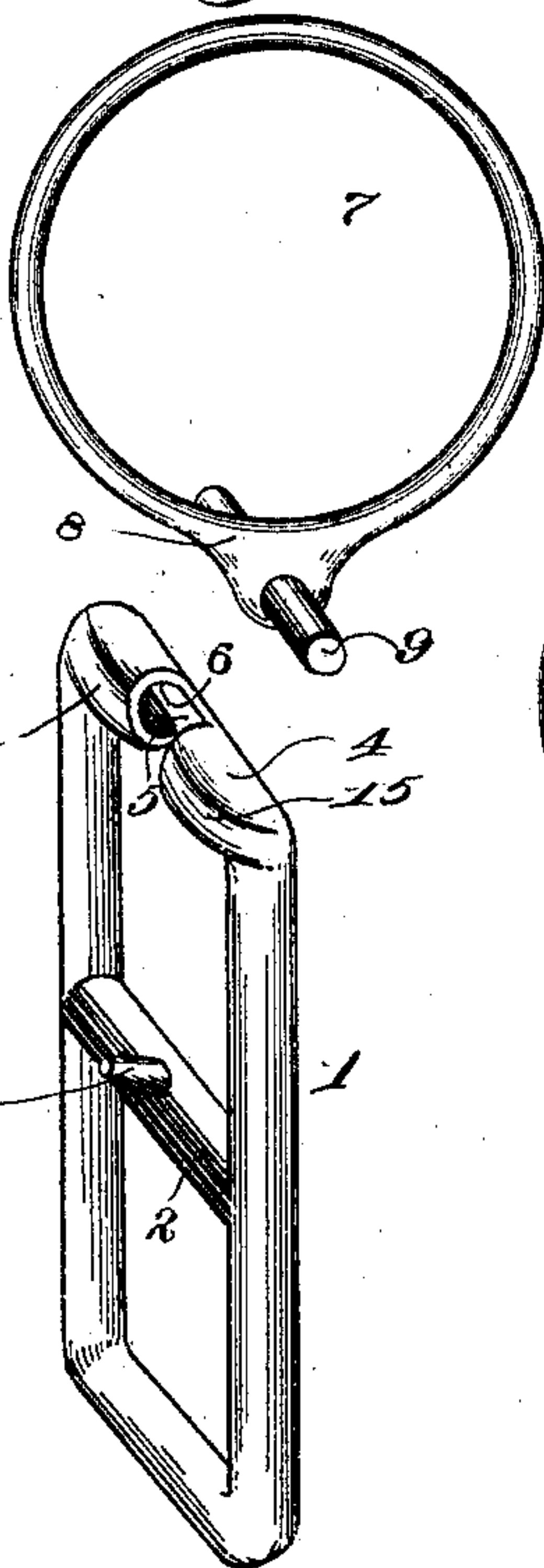


Fig. 3.

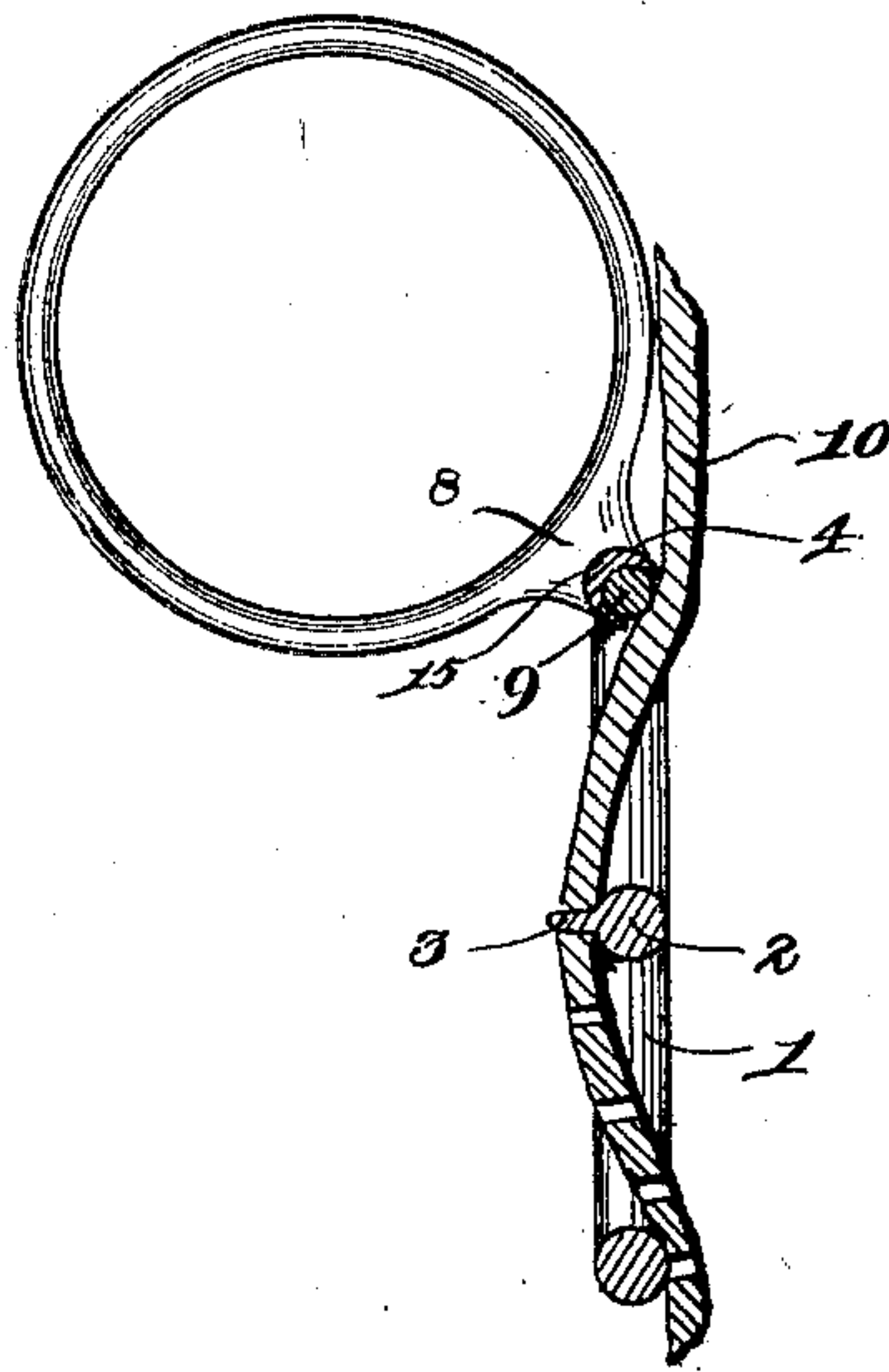
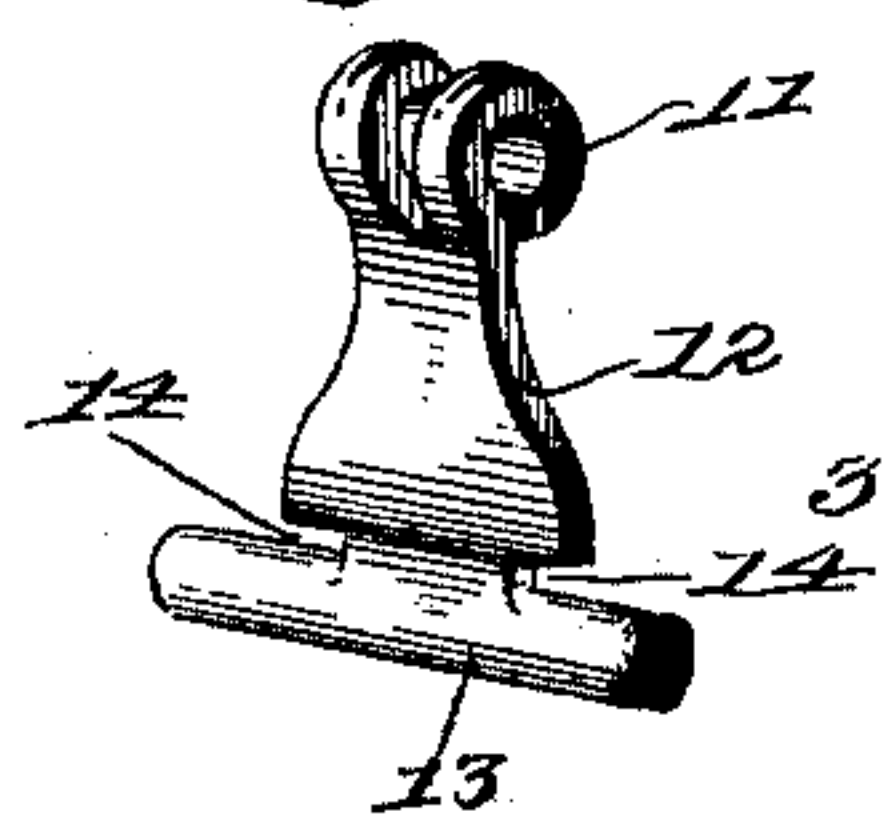


Fig. 5.



Witnesses

J. S. Donders
Chas. S. Hoyer.

J. W. Beam, Inventor

By C. A. Snow & Co.
Attorneys

UNITED STATES PATENT OFFICE.

JOHN WESLEY BEAM, OF ARGOS, INDIANA.

HARNESS ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 719,721, dated February 3, 1903.

Application filed May 16, 1900. Renewed April 8, 1902. Serial No. 101,952. (No model.)

To all whom it may concern:

Be it known that I, JOHN WESLEY BEAM, a citizen of the United States, residing at Argos, in the county of Marshall and State of Indiana, have invented a new and useful Harness Attachment, of which the following is a specification.

This invention relates to harness attachments, and particularly to means for supporting reins; and the object of the same is to provide simple and effective means for adjustable application to different portions of harness to permit reins to be passed there-through and prevent them from sagging or falling and contacting with or catching on projections or parts below the normal position of the same, and thereby always retain the reins at an invariable elevation relatively to the opposite sides of the body of the horse with obvious advantages.

The invention consists in the construction and arrangement of the several parts which will be more fully hereinafter described and claimed.

In the drawings, Figure 1 is a perspective view of a portion of harness shown applied and embodying the improved attachment at one point thereon. Fig. 2 is a perspective view of the parts of the improved attachment in its simplest form. Fig. 3 is a longitudinal section of a portion of a holding-strap and the simple form of the improved device in operative position thereon. Fig. 4 is a perspective view of a modified form of construction. Fig. 5 is a detail perspective view of a part of the device shown by Fig. 4.

Similar numerals of reference are employed to indicate corresponding parts in the several views.

The numeral 1, Figs. 1, 2, and 3, designates a slide, which is preferably of rectangular form and comprises a frame having a transverse central bar 2, carrying an outwardly-projecting stud 3, one end bar 4 of the frame being tubular and provided with an inner entrance-opening 5 and a central slot 6 in a plane at a right angle to the direction of the said opening. A terret-ring 7 forms a part of the improved device and has a depending ear or projection 8, through which a cylindrical support or fulcrum-bar 9 extends transversely and stands out equally on opposite sides of

the said ear or projection. In assembling these parts the ring 7 is arranged over the frame of the slide at such an angle that the support or fulcrum-bar 9 can be inserted in the end bar 4 through the opening 5, the provision of the ear or projection 8 facilitating this articulation. After the said support or bar 9 has been properly disposed in the end bar 4 the terret-ring will be moved upward and over the slide, and when the latter is applied to a portion of the harness, as the hip-strap 10, as shown, the opening 5 will be closed by said strap and the accidental detachment or disconnection of the terret-ring from the slide will be prevented. The said slide is applied as shown, and is adjustable to have the reins supported at different elevations to suit varying conditions, and to receive the reins in a proper manner and permit movement thereof in rear of the terret-rings of the harness-saddle, the rings 7 have a position similar to the rings on the saddle. It is also proposed to similarly support the reins in advance of the harness-saddle and attach a slide on each side to the neck-strap employed at times for holding up the breast-strap, and these front slides and rings will be likewise vertically adjustable, and by the provision of the slides and rings at the front the reins will be prevented from dropping and catching on the thills or other projections at the front.

The preferred form of the attachment is shown by Figs. 4 and 5, and in this instance the supporter-bar 9^a of the ring 7 is loosely but inseparably held in knuckles 11 at the upper reduced end of an intermediate link 12, having a T-bar 13 at its lower widened extremity to removably engage the tubular end bar 4 of the slide 1. The said lower extremity of the link is transversely slotted, as at 14, to clear the T-bar and allow ready insertion of the latter into and withdrawal of the same from the seat or bearing of the bar 4 of the slide. These slots in the lower extremity of the link immediately above the T-bar allow the said link to freely move over the end bar 4, and in this preferred form of the device, as well as in the form first described, the outer surface of the bar 4 is formed with enlargements 15, which serve to thicken the bearing-surface, hold the link in proper relation to the slide, and in the use of

the ring and transverse support without the link the same advantages exist. By the interposition of the link the reins are permitted to have more lateral movement, especially in turning or when a horse is going around a bend, and in adjusting the form of the device employing the link the same operation is pursued as in the first form.

The preferred forms of the improved device have been explained; but it will be understood that further changes in the form, size, proportions, and minor details may be resorted to without departing from the principle of the invention.

Having thus described the invention, what is claimed as new is—

1. A harness attachment comprising a slide provided with means for detachably engaging a harness, a ring having a coupling device for movably and detachably connecting it with said slide, and means for holding said coupling device against backward movement in a longitudinal direction.

2. The combination with harness, of an attachment therefor comprising an adjustable slide, a link movably and detachably con-

nected to the slide, and a ring also movably attached to the link.

3. The combination with harness, of an attachment therefor comprising an adjustable slide, a link having a lower support movably and detachably mounted in said slide, and a ring having a transversely-extending bar movably mounted in the upper portion of the link.

4. The combination with harness, of an attachment therefor comprising an adjustable slide with a tubular end bar formed with a rear entrance-opening, a link having a T-bar at its lower end to movably and detachably engage the said bar and provided with upper knuckles, and a ring having a transversely-extending support movably mounted in the said knuckles.

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

JOHN WESLEY BEAM.

Witnesses:

CHARLES FISH,
JACOB BEAM.