

H. W. WELLS.
 LINE SUPPORTER.
 APPLICATION FILED MAY 4, 1909.

948,002.

Patented Feb. 1, 1910.

Fig. 1.

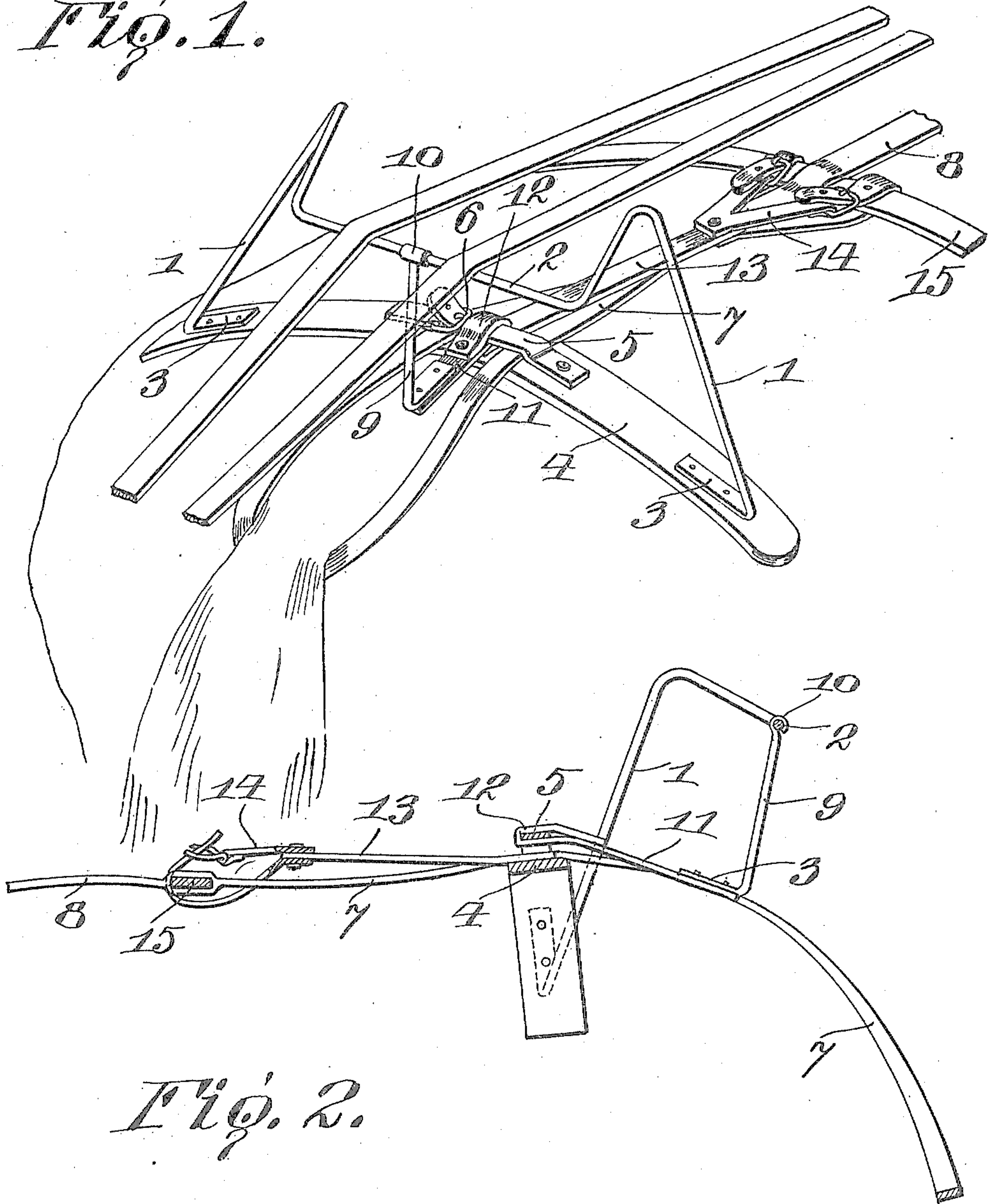


Fig. 2.

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UNITED STATES PATENT OFFICE.

HENRY W. WELLS, OF CLEMENTS, CALIFORNIA.

LINE-SUPPORTER.

948,002.

Specification of Letters Patent.

Patented Feb. 1, 1910.

Application filed May 4, 1909. Serial No. 493,808.

To all whom it may concern:

Be it known that I, HENRY W. WELLS, citizen of the United States, residing at Clements, in the county of San Joaquin and State of California, have invented certain new and useful Improvements in Line-Supporters, of which the following is a specification.

This invention comprehends certain new and useful improvements in harness attachments, and the invention has for its object a simple, durable and efficient construction of rein or line supporter designed to prevent the lines from becoming caught under the horse's tail or under any projecting portions of the harness.

With these and other objects in view as will more fully appear as the description proceeds, the invention consists in certain constructions, arrangements and combinations of parts that will be hereinafter fully described and claimed.

For a full understanding of the invention, reference is to be had to the following description and accompanying drawings, in which—

Figure 1 is a perspective view of my improved harness attachment or line supporter, and Fig. 2 is a longitudinal sectional view thereof.

Corresponding and like parts are referred to in the following specification and accompanying drawings by the same reference characters.

The frame 1 of my improved line supporter is in the present embodiment of the invention constructed of a single metallic rod, and embodies the transversely extending bar 2 the ends of which are angularly disposed, as shown, and the extremities being turned inwardly, as indicated at 3, and riveted or otherwise secured to a base strap 4, which is designed to rest on the horse's rump. A retaining strap 5 is secured at its ends to the base strap 4 and is made in two sections connected together by a buckle 6, as shown, so that it may be conveniently fastened over the crupper straps 7 extending rearwardly from the ordinary back band 8. A substantially vertically disposed brace rod 9 is formed at its upper end with a loop 10 by which it is adjustably mounted on the cross bar 2 of the arched supporting frame 1, the lower end of said brace rod being angularly disposed and riveted or other-

wise secured to the rear end of a strap 11. The forward end of this strap 11 is looped around the retaining strap 5, as indicated at 12. Another strap 13 is riveted or otherwise secured at its rear end to the base strap 4 at about the middle thereof and extends forwardly, as shown, being formed at its forward end with two divergent branches 14 which are looped around the hip straps 15 and connected thereto by buckles, as shown, on the upper side of the back band.

From the foregoing description in connection with the accompanying drawings, it is evident that the line support of my invention may be easily attached to any harness by passing the retaining strap 5 over the crupper straps 7 and by securing the attaching strap 13 to the hip straps 15, the parts being thereby securely held in place as against both rearward and lateral displacement. To detach the device, it is only necessary to unbuckle the retaining strap 5 and swing the brace rod 9 on the cross bar 2 of the supporting frame 1, and to then disconnect the branches 14 of the attaching strap 13 from the hip bands or straps 15. It is evident that the supporting frame 1 will serve as an effective rest for the lines while at the same time it will permit the lines to be applied to the horse as a substitute for a whip at any time, the supporting frame being open, as shown.

The invention is composed of comparatively few parts that may be easily manufactured and readily assembled, and while I have shown the device as a separate attachment for harness, it is evident that it may be made a permanent part thereof, and that other changes may be made in the proportions, constructions and arrangements of parts without departing from the scope of my invention as defined in the appended claims.

Having thus described the invention, what is claimed is:

1. A harness attachment comprising a base strap, an arched frame connected thereto, a retaining strap secured to said base strap and arranged to extend over the crupper straps of the harness, a brace rod connected to said frame, and a strap connected to said brace rod and to the retaining strap.

2. A harness attachment comprising an arched frame, a base strap connected to said frame, a brace rod mounted to swing on said

frame, a retaining strap connected to said base strap, and a strap connecting said brace rod to said retaining strap.

3. A harness attachment comprising an
5 arched frame, a base strap connected to said frame, a retaining strap connected to the base strap and constructed in detachably connected sections, a brace rod connected to said frame, and a strap connected at one end to
10 the brace rod and provided at its other end with a loop through which the retaining strap extends.

4. A harness attachment comprising a supporting frame, a base strap connected to

said frame, a retaining strap connected to 15 said base strap and arranged to extend over the crupper straps of the harness, and an attaching strap secured at its rear end to the base strap and formed at its forward end with divergent branches arranged for con- 20 nection to the hip straps.

In testimony whereof I affix my signature in presence of two witnesses.

HENRY W. WELLS. [L. s.]

Witnesses:

S. MARCEAU,
W. O. CORELL.