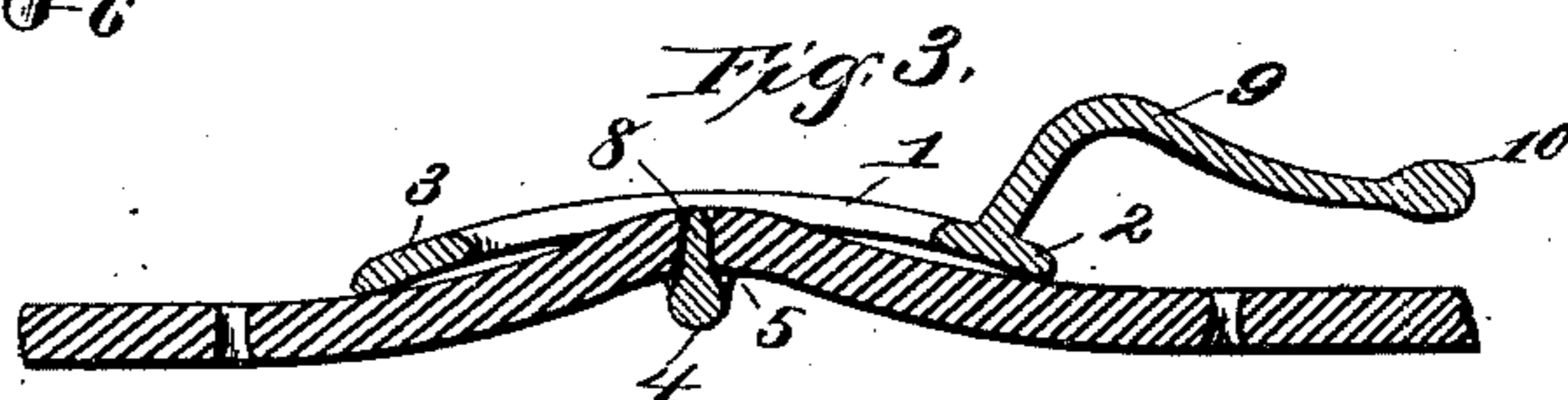
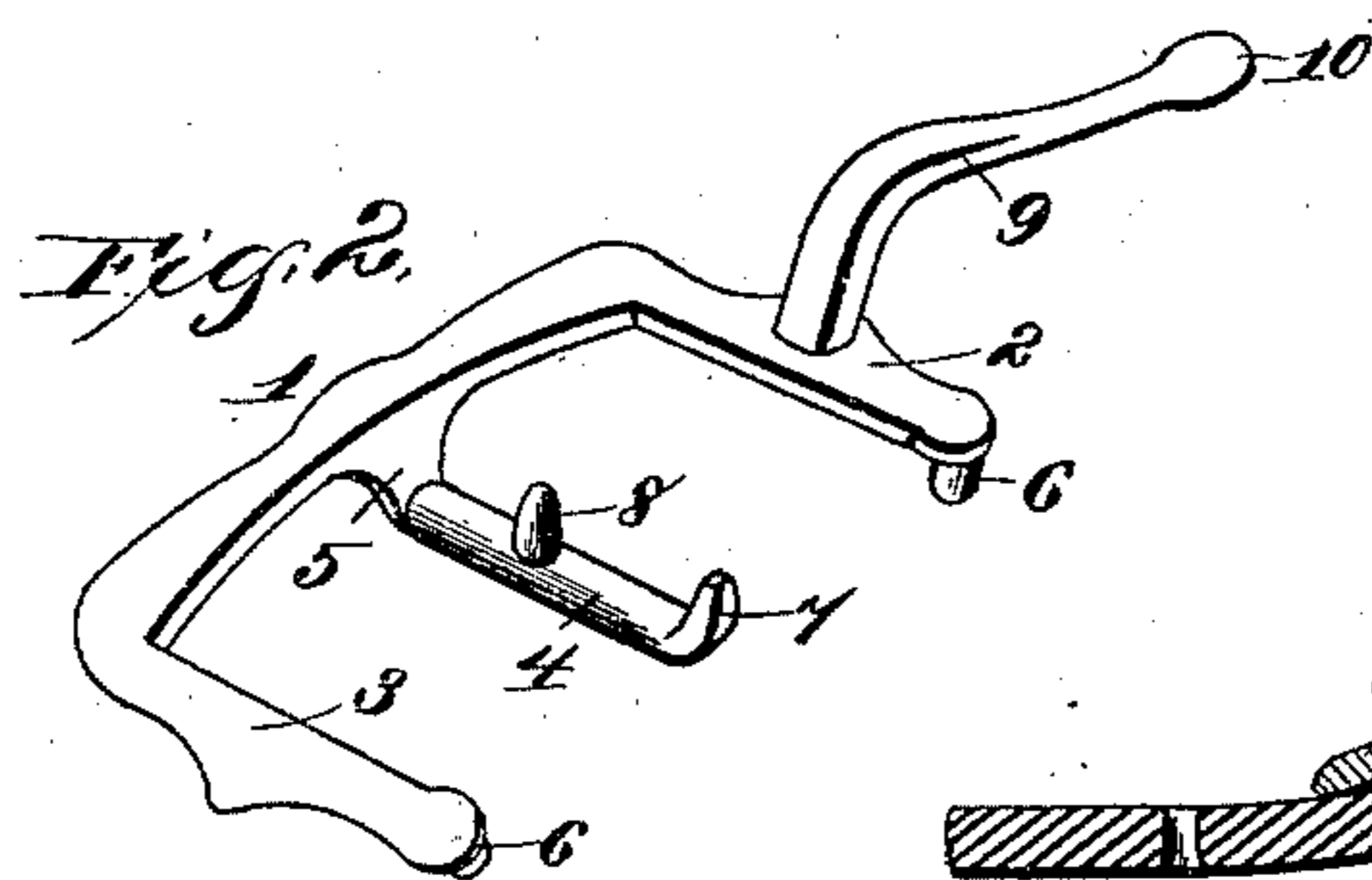
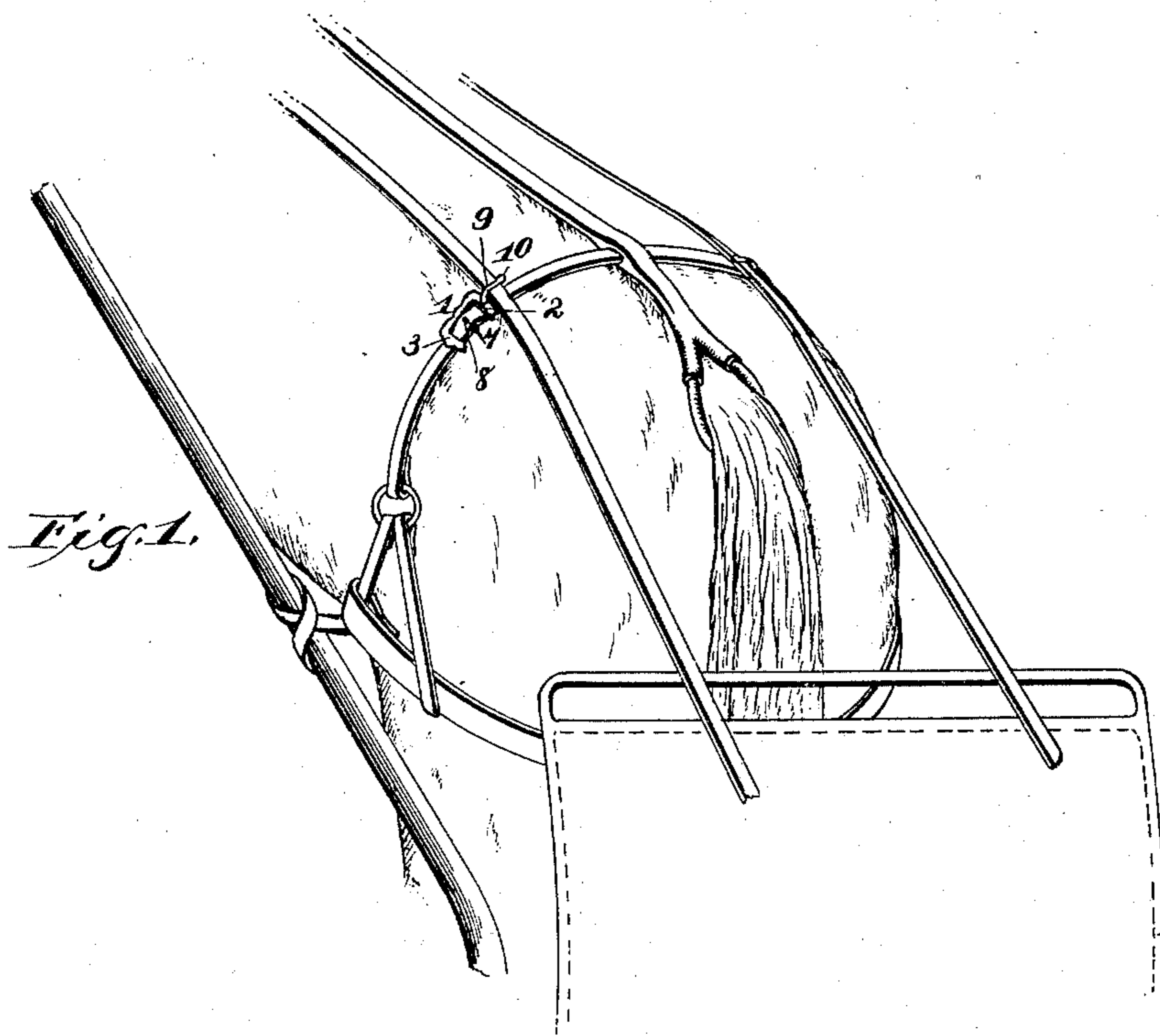


(No Model.)

F. A. LEE.  
REIN SUPPORT.

No. 473,584.

Patented Apr. 26, 1892.



Witnesses:

*E. Wurdeman*  
*W. S. Duval.*

Inventor

*F. A. Lee*

By *his* Attorneys,

*C. A. Snow & Co.*

# UNITED STATES PATENT OFFICE.

FRANK A. LEE, OF DES MOINES, IOWA.

## REIN-SUPPORT.

SPECIFICATION forming part of Letters Patent No. 473,584, dated April 26, 1892.

Application filed November 12, 1891. Serial No. 411,725. (No model.)

*To all whom it may concern:*

Be it known that I, FRANK A. LEE, a citizen of the United States, residing at Des Moines, in the county of Polk and State of Iowa, have  
5 invented a new and useful Rein-Guide, of which the following is a specification.

This invention relates to improvements in rein-guides, the objects in view being to provide a cheap and simple device adapted to be  
10 applied to the hip-straps of a harness without the necessity of unbuckling the same, to be adjustable thereon, and to retain reins conveniently upon the hips of the horse and in such manner as to readily permit of a detachment of the reins when occasion requires  
15 and a replacing of the same in the guides without the necessity of leaving the vehicle.

Other objects and advantages of the invention will appear in the following description,  
20 and the novel features thereof will be particularly pointed out in the claim.

Referring to the drawings, Figure 1 is a general view, my attachments being in position for use. Fig. 2 is an enlarged detail in  
25 perspective of one of the attachments. Fig. 3 is a longitudinal section of the same in connection with the hip-strap.

Like numerals of reference indicate like parts in all the figures of the drawings.

30 In practicing my invention I form of malleable iron an E-shaped frame, the same consisting of the longitudinal bar 1, the upper lateral bar 2, the lower lateral bar 3, and the central or intermediate lateral bar 4. The  
35 bars 1, 2, and 3 are in the same plane with each other, while the intermediate or central bar 4 is offset from said plane, being connected to the bar 1 by the portion 5. The bars 2 and 3 are provided with inwardly-disposed  
40 lugs 6, which extend into the same plane as the bar 4, and the latter is provided at its end with an upwardly-disposed lug 7 in line with the lugs 6 and extending into the same plane as the bars 1, 2, and 3, and in addition  
45 to the lug 7 the bar 4 is provided at its center with an outwardly-disposed lug or tongue 8. At its upper end the bar 2 has formed thereon an outwardly and upwardly disposed sub-

stantially L-shaped prong 9, the upper end of which is slightly outwardly flared and terminates in an enlarged head 10. In practice  
50 a pair of these devices is applied to the opposite hip-straps of a harness, and to apply the same to a hip-strap the said strap is in a manner doubled upon itself, or nearly so, and  
55 its edge introduced between the bars 2 and 3, at each side of the central bar, until the opposite edge of the strap is within and embraced by the lugs 6 and 7, after which, the hip-strap being straightened, a convenient perforation  
60 thereof will receive the stud 8. The attachment is now securely fastened in position and cannot become accidentally detached or slide either way upon the strap. It will be seen  
65 that the reins lying flatly upon the hips of the horse will readily drop to position in the supporting-prongs thus formed and will be thus supported conveniently in position and out of range of the horse's tail. When it is desired  
70 to draw a tight rein, or should the horse become fractious, any pull upon the reins will cause them to become taut and leave the supports, so that the latter do not conflict or interfere with the ready driving.

Having described my invention, what I  
claim is— 75

The herein-described improved rein-support, consisting of the E-shaped frame comprising the longitudinal side bar and the upper and lower and the intermediate transverse bars projecting laterally therefrom, the  
80 upper and lower bars terminating at their free ends in inwardly-disposed lugs, the intermediate bar terminating in an outwardly-disposed lug and provided with a stud for engaging the perforation in the strap, and the  
85 L-shaped prong 9, projecting outwardly and upwardly from the upper transverse bar, substantially as specified.

In testimony that I claim the foregoing as  
my own I have hereto affixed my signature in  
the presence of two witnesses. 90

FRANK A. LEE.

Witnesses:

W. H. REINECK,  
M. M. BOWLUS.