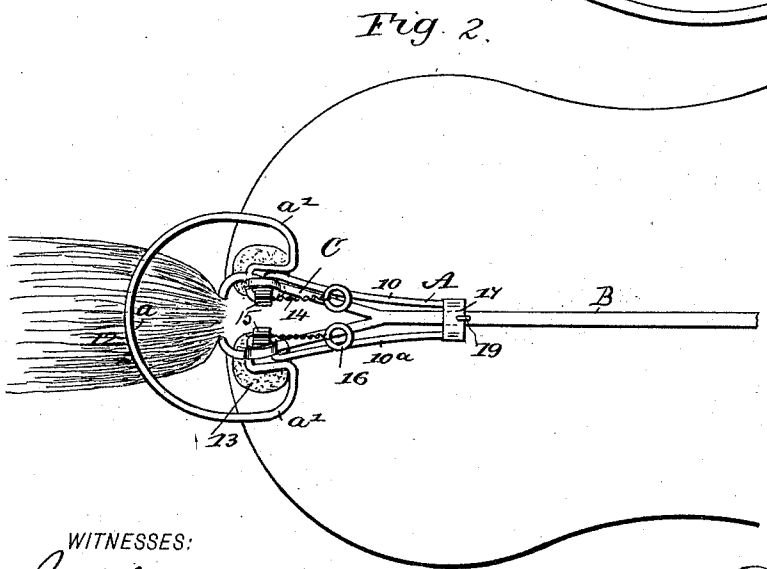
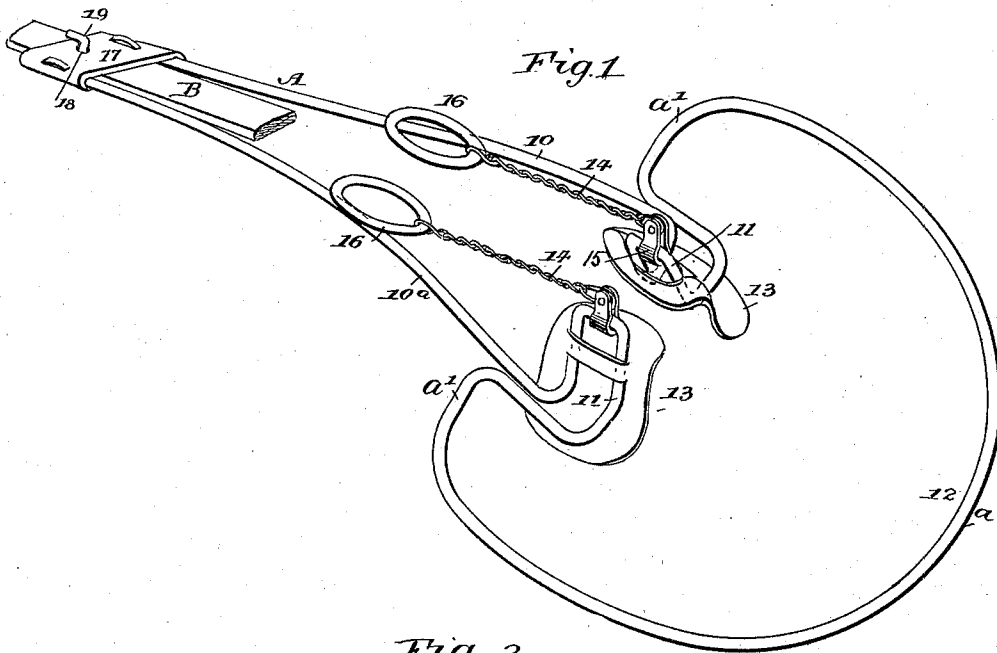
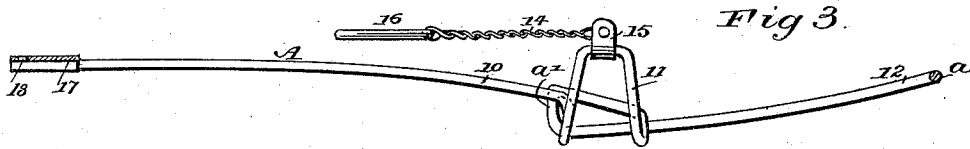


(No Model.)

D. HAND.
REIN SUPPORT.

No. 474,737.

Patented May 10, 1892.



WITNESSES:
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UNITED STATES PATENT OFFICE.

DAVID HAND, OF NETHERWOOD, NEW JERSEY.

REIN-SUPPORT.

SPECIFICATION forming part of Letters Patent No. 474,737, dated May 10, 1892.

Application filed January 27, 1892. Serial No. 419,422. (No model.)

To all whom it may concern:

Be it known that I, DAVID HAND, of Netherwood, in the county of Union and State of New Jersey, have invented a new and Improved Tail-Guard and Line-Rest, of which the following is a full, clear, and exact description.

My invention relates to an improved tail-guard and line-rest, and has for its object to provide a device capable of attachment to any harness, and particularly to simplify and improve the construction of the tail-guard and line-rest for which Letters Patent were issued to myself May 20, 1890, No. 428,337; and the invention consists in the novel construction and combination of the several parts, as will be hereinafter fully set forth, and pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar figures and letters of reference indicate corresponding parts in all the views.

Figure 1 is a perspective view of the device. Fig. 2 is a plan view illustrating it in position upon the back of a horse, and Fig. 3 is a longitudinal section of the device made upon a small scale.

In carrying out the invention, the body A of the device consists preferably of a metal strap or rod bent to form two converging members 10 and 10^a, and upwardly and inwardly extending curved rest-arms 11 at the rear diverging ends of the members, the said arms being preferably made by bending the rod or strip horizontally inward upon a curved line, next upward and inward, thence horizontally rearward and downward parallel with the side section of the arms first produced. When the arms are thus formed, they are somewhat link-like in general contour. The upper surface at the base, however, is more or less concaved. At the base of the arms 11 the strip or rod extends forward to the members 10 and 10^a, and is manipulated to form the rear of the body, which rear section 12 is somewhat bow-shaped and constitutes a tail-guard and also a line-rest. The extreme rear surface of the rear or tail-guard section of the body is upwardly curved, as shown at *a*, and its forward portions are curved in a reverse direction, as shown at *a'*. The rear up-

ward curve of the tail-guard and rest is adapted to carry that section well up from the tail of an animal, and the forward downward curve is made in order that the guard-section may rest easily upon the animal's back. The entire body is preferably made from a single strip or rod; but it may be made in sections and the sections united if in practice it is found desirable.

Pads 13 are attached to the rest-arms 11, which pads cover the under surface of said arms and likewise that portion of the device immediately adjacent to the arms and adapted to come in engagement with the animal's back. The pads are also preferably made to extend upward, practically to the top of the arms, as shown in Fig. 1.

Chains or straps 14 have a swivel connection with the upper ends of the rest-arms 11, and this connection is usually effected by placing a clip 15 upon the top of each arm, capable of movement thereon transversely of the body, and pivoting the chains in the clips, so that the chains may be moved longitudinally of the body. Each chain is provided at its forward or free end with a ring 16 or the equivalent thereof.

At the forward contracted end of the body its members are united by a plate or strap 17, the said plate or strap being preferably passed over the tops of the members, and it is provided with an aperture 18, located near its forward edge. This opening is adapted to receive a pin 19, ordinarily of angular formation and secured upon the back-strap B of the harness. In attaching the device to the harness and placing it in position upon the animal wearing the harness, the device is carried upward to a vertical position, contracted end downward, in order that the pin 19 may be readily entered into the aperture 18 of the body plate or strap.

The back-strap will extend beneath and rearward of the connecting-plate 17, and the crupper C is made to pass over the curved base portions of the rest-arms 11, and after the tail of the animal has been passed through the crupper this strap serves to maintain the device in position, and when in position the bow-section 12 at the rear of the device will extend some distance beyond and over the root of the animal's tail at quite an elevation

therefrom, while the inner or front portions of the bow will rest upon the back. The lines are passed through the rings 16, and the chains 14 are of such length that while the rings and the lines can be carried in any desired direction by the driver the rings cannot pass over the outer side edges of the guard or bow-section 12.

It will thus be observed that the device is exceedingly simple, durable, and economic in construction, that it may be expeditiously and conveniently applied to any harness and used in connection therewith, the harness holding it in position, and further, that the lines cannot possibly become entangled with the animal's tail, and yet the animal is free to use that member for natural purposes, and it is also evident that the guard or bow-section 12 constitutes a rest for the lines and that the rings will prevent the lines from becoming entangled with any portion of the harness without interfering at all with the proper movements of the lines in driving.

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

1. In a tail-guard and line-rest, a body formed of a rod or strap bent to form two forwardly and converging members having their ends connected, inwardly and outwardly extending link-like rest-arms, and a rearwardly-extending bow forming a tail-guard, substantially as described.

2. A tail-guard and line-rest consisting of a strap or rod of metal bent to form forward converging horizontal members connected at their converging ends, inwardly and up-

wardly curved rest-arms formed at the diverging ends of the horizontal members, and a bow-section emanating from the arms and extending rearwardly and forming a tail-guard, the extreme rear portion of the bow-section being upwardly curved and its forward portion curved in an opposite direction, as and for the purpose specified.

3. A tail-guard and line-rest consisting of a strap, bar, or rod shaped to form converging horizontal members connected at their converging ends and provided with inwardly-extending arms at their diverging ends, a bow projected sidewise and rearward from the arms, chains having a swivel connection with the arms, and rings or loops formed at the free ends of the chains, as and for the purpose specified.

4. A tail-guard and line-rest consisting of horizontal members converging at their forward ends and connected at said ends and diverging at their rear ends, inwardly and upwardly curved rest-arms formed at the inner or diverging ends of the horizontal members, pads carried by said arms, a bow-section extending sidewise from and rearwardly beyond the arms, said bow-section being upwardly curved at its rear portion and downwardly curved at its forward portion, and rings or loops having swivel connections with the rest-arms, substantially as and for the purpose set forth.

DAVID HAND.

Witnesses:

WM. M. STILLMAN,
ANNIE HAND.