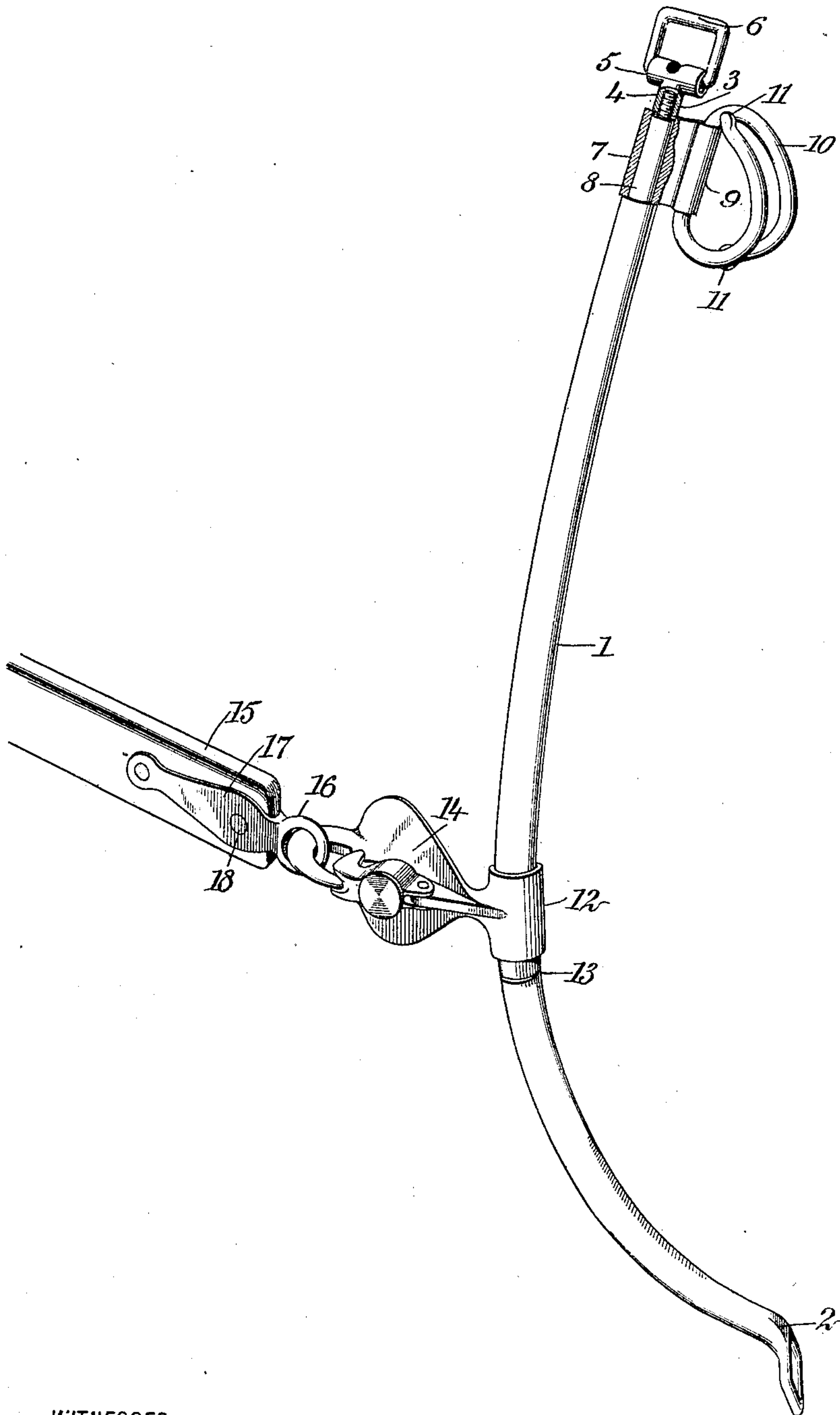


No. 825,730.

PATENTED JULY 10, 1906.

J. R. HUGHES.  
HAME FOR HARNESS.  
APPLICATION FILED JULY 26, 1905.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

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## HAME FOR HARNESS.

No. 825,730.

Specification of Letters Patent.

Patented July 10, 1906.

Application filed July 26, 1905. Serial No. 271,315.

*To all whom it may concern:*

Be it known that I, JOHN RICHARD HUGHES, a citizen of the United States, and a resident of Chama, in the county of Rio Arriba and Territory of New Mexico, have invented a new and Improved Hame for Harness, of which the following is a full, clear, and exact description.

This invention relates to hames for harness; and it consists, substantially, in the improvements hereinafter more particularly described, and pointed out in the claims.

One of the principal objects of the invention is to provide a device of this kind of an embodiment by which to overcome numerous disadvantages and objections encountered in the use of many other contrivances hitherto devised for similar purposes.

A further object is to provide a hame for harness which is simple in construction and comparatively inexpensive to manufacture, besides being light in weight and strong and durable, effective and reliable in use or operation, and possessing the capacity for long and repeated service.

The above and additional objects are attained by means substantially such as are illustrated in the accompanying drawing, forming a part of this specification, in which the figure is a perspective view of a hame for harness embodying my improvements.

Reference being had to the drawing by the designating characters thereon, 1 represents the hame, which may be constructed of any suitable material, preferably metal, and which has imparted thereto the usual curved form to enable the structure to be fitted to ordinary collars employed upon draft-animals. The lower end of the hame is provided at 2 with a loop or other means for the attachment of any suitable form of fastening device between the hame and its fellow, (not shown,) while the upper end thereof is provided with a threaded extension 3, upon which is applied or screwed the internally-threaded member 4 of the device 5, constituting, in connection with the loop 6, a member of an ordinary buckle, which may be employed to fasten the upper end of the hame to the corresponding end of its fellow by means of a strap or other suitable device. The hame is also provided at its upper end with a rigidly-attached bracket 7, fitting

upon a reduced portion 8 of the hame, as shown, and supported in said bracket at 9, so as to have a substantially horizontal swinging movement therein, is a helix or spiral 10, comprising any desired number of convolutions or turns and having the extremities or termini 11 thereof free and disposed on opposite sides of an axial line passing through the helix. The said helix constitutes a rein-holder and enables the rein to be inserted therein by simply placing the same over one end or terminal of the helix at any portion of the length thereof, (the rein,) then carrying the same along the helix until the rein is brought in line with the other end or terminal thereof, whereupon it may be caused to assume the desired position relatively to the hame while driving. This special form of rein-holder enables the rein to be properly placed therein without having to insert the same through the holder lengthwise, as in ordinary structures, and whenever it is desired to detach the rein from the holder it is simply necessary to manipulate the same reversely to that already described, as will be apparent. By having a horizontal swinging movement the said helix or rein-holder conforms to all lateral swinging movements of the rein while driving, and it is thought the construction and operation thereof will be fully understood.

With the form of my improvements herein shown instead of employing an ordinary hook and eye for the attachment to the hame of the ordinary trace-tug I employ a sleeve 12, which is slid over the hame to a proper position thereon from the upper end until brought to rest upon an annular shoulder 13 on the hame, said sleeve having rigid therewith any suitable form of snap-hook structure, (indicated at 14,) to which direct connection of the tug 15 is made by means of an ordinary eyelet 16, having a member 17 secured at 18 to the tug, as shown. By means of this simple special construction all weakening of the hame is obviated and accidents from runaways are less liable to result therefrom. The sleeve 12 may be adjusted to any position on the hame and clamped thereto in any suitable manner by which to hold it in such position, and it is thought that from the description hereinbefore given both



the construction and advantages to be derived from my improved hame will be fully apparent.

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

1. A hame for harness having a loop at its lower end, a screw-threaded reduced portion at its upper end, an annular rib intermediate its ends, a bracket having a sleeve engaging the reduced portion, and a rein-holder in the form of a helix hinged to the bracket, a loop having a cap for engaging the screw-threaded portion of the hame, and a sleeve provided with a snap-hook structure encircling the hame and supported by the annular rib.

2. A hame for harness having a loop at its lower end, a screw-threaded reduced portion at its upper end, and an annular rib intermediate its ends, a rein-holder engaging the reduced portion, a loop having a cap for en-

gaging the screw-threaded portion, and a sleeve provided with a snap-hook structure encircling the hame and supported by the rib.

3. A hame having an annular rib intermediate its ends, a rein-holder engaging the upper end of the hame, a loop for retaining the rein-holder, and a sleeve provided with a snap-hook structure encircling the hame and supported by the rib.

4. A hame having an annular rib intermediate its ends, and a sleeve provided with a snap-hook structure encircling the hame and supported by the rib.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JOHN RICHARD HUGHES.

Witnesses:

THOMAS A. GRAHAM,  
C. A. DAGGETT.