

No. 741,873.

PATENTED OCT. 20, 1903.

G. N. BARCUS.
HALTER.

APPLICATION FILED JUNE 22, 1903.

NO MODEL.

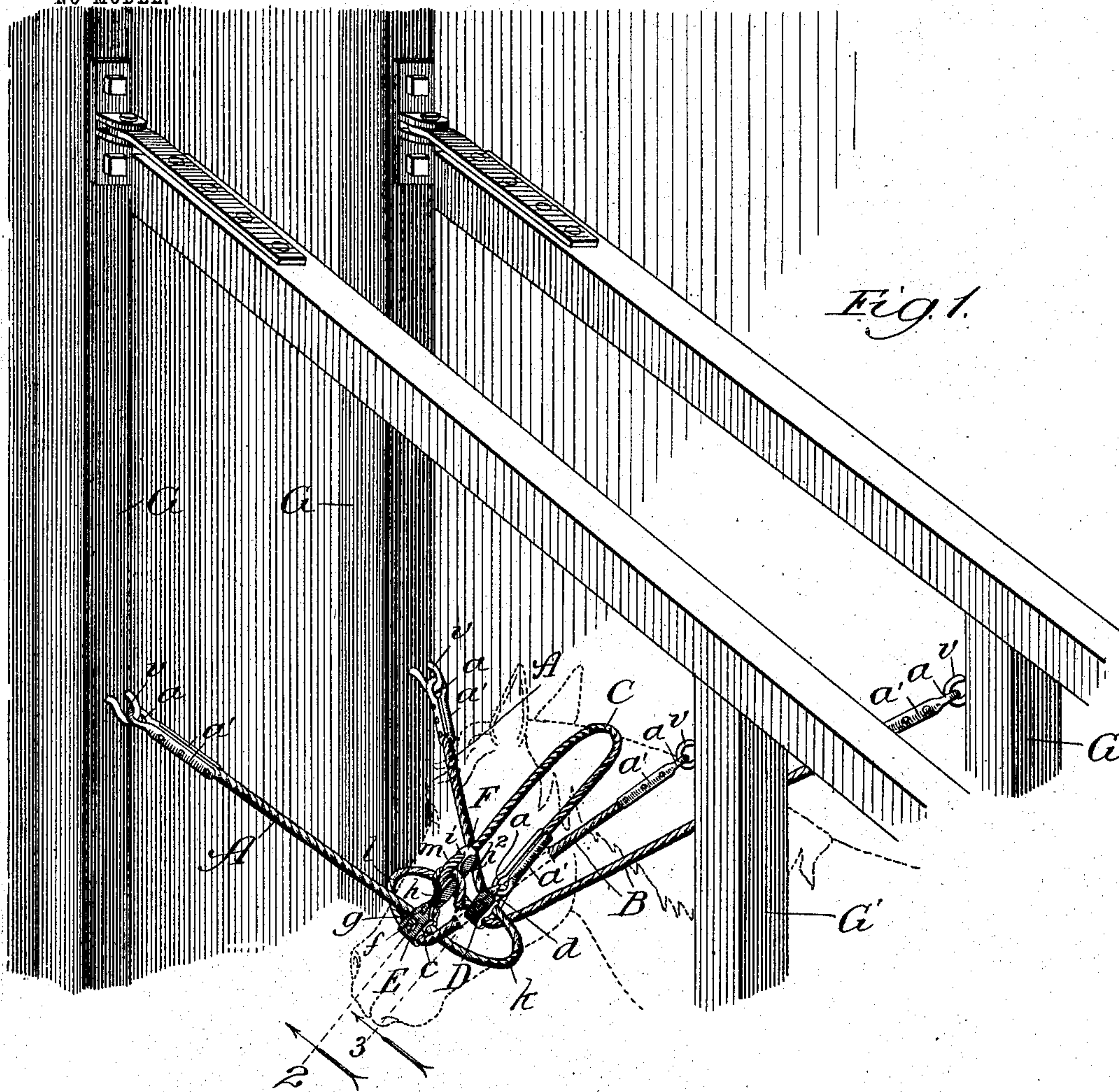


FIG. 2.

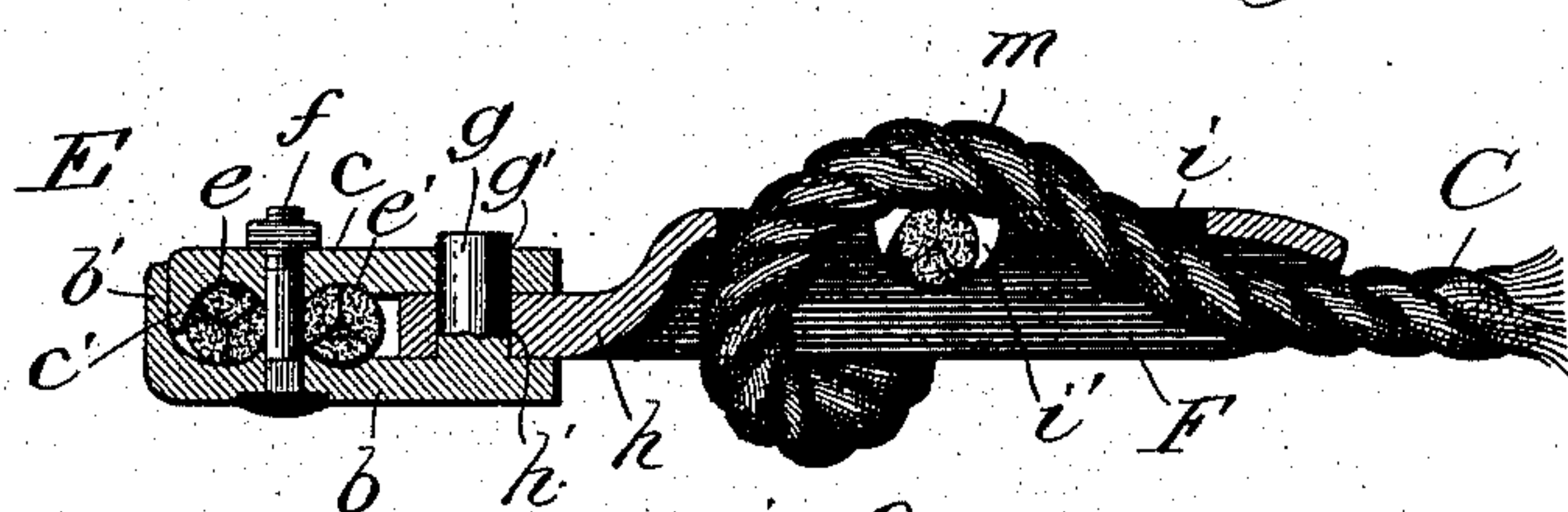


FIG. 3.

Witnesses:
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UNITED-STATES-PATENT-OFFICE.

GEORGE N. BARCUS, OF RENSSELAER, INDIANA, ASSIGNOR OF ONE-HALF
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HALTER.

SPECIFICATION forming part of Letters Patent No. 741,873, dated October 20, 1903.

Application filed June 22, 1903. Serial No. 162,543. (No model.)

To all whom it may concern:

Be it known that I, GEORGE N. BARCUS, a citizen of the United States, residing at Rensselaer, in the county of Jasper and State of Indiana, have invented a new and useful Improvement in Halters, of which the following is a specification.

My invention relates to an improved construction of halter for use in shoeing horses with the horseshoeing apparatus which forms the subject of my United States Letters Patent No. 670,603, dated March 26, 1901.

The object of my invention is to provide a conveniently-adjustable halter which shall effectively hold the horse's head while the animal is being shod against upward-and-downward and forward-and-backward movements for the purpose of maintaining the body of the animal in a condition of quietude during the operation, and particularly with a view to preventing the animal from throwing its head, with liability of injury to it resulting from encounter with the frame of the apparatus.

Referring to the accompanying drawings, Figure 1 is a perspective view showing my improved halter in operative position upon the frame of the horseshoeing apparatus, of which a broken portion is represented, and adjusted upon the head of a horse, illustrated by a dotted representation; Fig. 2, a section of the halter taken at the line 2 on Fig. 1 viewed in the direction of the arrow and enlarged; and Fig. 3, an enlarged section of a clamp detail, taken at the line 3 on Fig. 1 and viewed in the direction of the arrow.

The halter comprises three bands, hereinafter referred to as "ropes," as they are preferably formed of rope, though they may be of leather or other suitable material, and adjustable clamps with a rope-tying hanger for connecting the ropes to form the halter.

A denotes the chin-rope, and B the nose-rope, each being provided on its ends with eyes *a*, preferably of metal and formed on the extremities of arms *a'*, embracing and secured to the ropes, and C is the neck-rope or head-rope, provided on one end with an eye device *a a'*.

D is a clamp comprising two castings *b* and

c, formed, respectively, with lips *b'* and *c'* at one end and with similar half-rings *d'* at the opposite end, and on the inner face of the body portion of each casting are formed two parallel transverse half-sockets, whereby when the two castings are adjusted together face to face and separably connected by a bolt *f*, as represented in Fig. 3, the lips *b'* and *c'* overlap one another, the half-sockets register to form the sockets *e* and *e'*, and the half-rings *d'* form a hanger *d*.

E is a clamp composed, like the clamp D, of two castings *b* and *c* with lips *b'* and *c'* overlapping each other and forming sockets *e* and *e'* when the castings are adjusted together face to face and separably fastened by a bolt *f*, as represented in Fig. 2; but instead of a hanger *d* on the end of this clamp the casting *b* carries a stud *g* to register with and pass through an eye *g'* in the casting *c*.

F is a metal rope-tying hanger comprising a generally trough-shaped body having a lip *h* on one end containing an eye *h'*, and the back of the trough-shaped hanger F contains an elongated opening *i*, with recesses *i'* in the bordering edges midway between its ends.

To form the halter with the parts thus described, the rope A passes through the socket *e'* in the clamp E and through the corresponding socket in the clamp D, forming a loop *k* for the chin portion of the animal, the rope being suspended at its eyes *a* from hooks *v* on the forward upright timbers G of the frame of the horseshoeing apparatus. The rope B passes through the socket *e* in the clamp E and through the corresponding socket in the clamp D, forming a loop *l* for the nose portion of the animal, this rope being suspended at its eyes *a* from hooks *v* on rearward upright timbers G' of said frame, and the rope C engages at its eye *a* with the hanger *d* of the clamp D, passes thence about the animal's head, and is doubled on itself near the opposite end to form a loop *m*, which is protruded through the opening *i* in the hanger F, the latter being connected with the clamp E by the stud *g* passing through the hanger-eye *h'*, and the end of the rope C is fastened by passing it transversely about the body of the hanger F, inserting it underneath

the loop *m* through the recesses *i'* and drawing the loop taut to bind it against the rope end.

As will be seen, the animal, with its head held by the halter in the manner described, cannot move it to any material extent in any direction, and the construction adapts the halter to be readily adjusted upon an animal of any size and to be as readily removed.

The particular details of the construction shown and described, while they are believed to be best suited to their purposes, may be variously modified without departure from the spirit of my invention, which is therefore intended to include all such modifications.

What I claim as new, and desire to secure by Letters Patent, is—

1. In a halter for the purpose set forth, the combination of two ropes and retaining-clamps therefor forming with the respective ropes a nose-loop and a chin-loop, said ropes presenting two forwardly-extending and two rearwardly-extending hitching ends, substantially as described.

2. In a halter for the purpose set forth, the combination of two ropes and retaining-clamps therefor at opposite sides of the halter forming with the respective ropes a nose-loop and a chin-loop, said ropes presenting two hitching ends extending forward from said side clamps and two hitching ends extending rearwardly from said side clamps, substantially as described.

3. A halter comprising, in combination, a chin-rope, a nose-rope, clamps formed of separable parts and containing sockets through which said ropes pass to form, respectively, a chin-loop having two forwardly-extending hitching ends and a nose-loop having two rearwardly-extending hitching ends, and a head-rope connected at one end with one of said clamps and adjustably connected at its opposite end with the other clamp, substantially as and for the purpose set forth.

4. A halter comprising, in combination, a chin-rope, a nose-rope, clamps formed of separable parts and containing sockets through which said ropes pass to form, respectively, a chin-loop having two forwardly-extending hitching ends and a nose-loop having two rearwardly-extending hitching ends, a head-rope connected at one end with one of said clamps, and a rope-tying hanger connected with the other clamp and adapted to have the free end of said head-rope adjustably fastened to it, substantially as and for the purpose set forth.

5. A halter comprising, in combination, a

chin-rope, a nose-rope, clamps containing sockets through which said ropes pass to form, respectively, a chin-loop and a nose-loop, a head-rope connected at one end with one of said clamps, and a rope-tying hanger connected with the other clamp and having an opening through which to insert a loop in the free end of said head-rope, and recessed to receive said end when inserted underneath said loop, substantially as and for the purpose set forth.

6. A halter comprising, in combination, a chin-rope, a nose-rope, a pair of two-part clamps each having its parts separably fastened together and forming a pair of sockets through which said ropes pass to form, respectively, a chin-loop and a nose-loop, and a head-rope connected at one end with one of said clamps and adjustably connected at its opposite end with the other clamp, substantially as and for the purpose set forth.

7. A halter comprising, in combination, a chin-rope, a nose-rope, a pair of two-part clamps each having its parts separably fastened together and forming sockets through which said ropes pass to form, respectively, a chin-loop and a nose-loop, a head-rope connected at one end with one of said clamps, and a rope-tying hanger connected with the other clamp and having an opening through which to insert a loop in the free end of said head-rope and recessed to receive said end when inserted underneath said rope, substantially as and for the purpose set forth.

8. A halter comprising, in combination, a two-part clamp having its parts separably fastened together and forming sockets and a hanger-eye, a two-part clamp having its parts separably fastened together and forming sockets with an eye in one part and a stud on the other part to enter the eye, a chin-rope and a nose-rope passing through said clamps in relatively contrary directions to form, respectively, a chin-loop and a nose-loop, a head-rope connected at one end with one of the clamps at its said hanger-eye, and a rope-tying hanger having a lip at one end containing an eye engaging the stud on said other clamp, an opening through which to insert a loop in the free end of said head-rope and recesses at opposite sides of said opening to receive said end when inserted underneath said loop, substantially as and for the purpose set forth.

GEORGE N. BARCUS.

In presence of—

WALTER N. WINBERG,
JOHN M. WASSON.