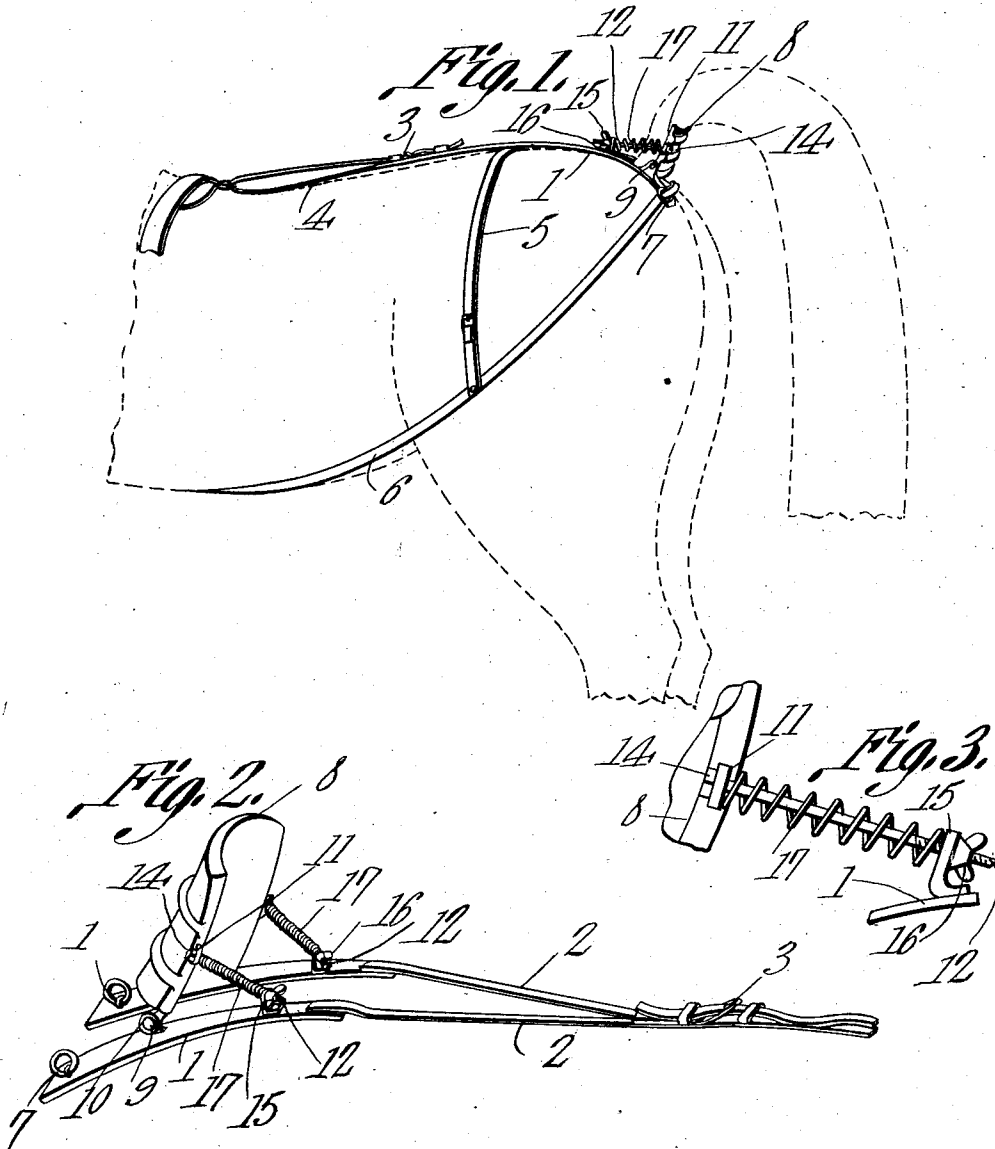


S. D. HINKLE & A. CATLETT.
CRUPPER.

APPLICATION FILED DEC. 11, 1911.

1,047,808.

Patented Dec. 17, 1912.



Sam D. Hinkle AND
Albert Catlett,

Witnesses

J. P. Tomlin
L. A. Mahon

Inventors

by

C. A. Snow & Co.
Attorneys

UNITED STATES PATENT OFFICE.

SAM D. HINKLE AND ALBERT CATLETT, OF SHELBYVILLE, KENTUCKY.

CRUPPER.

1,047,808.

Specification of Letters Patent.

Patented Dec. 17, 1912.

Application filed December 11, 1911. Serial No. 665,137.

To all whom it may concern:

Be it known that we, SAM D. HINKLE and ALBERT CATLETT, citizens of the United States, residing at Shelbyville, in the county of Shelby, State of Kentucky, have invented a new and useful Crupper, of which the following is a specification.

It is an object of the present invention to provide a crupper, comprising a movable member which may be held in adjusted positions, to regulate the sweep which it is desired to give to the tail of the animal, adjustable means being provided for swinging the free upper end of the movable member forwardly, and spring means being provided for limiting the forward swinging movement of the upper, free end of said member.

A further object of the invention is to provide a crupper in which the tail-holding member may readily be released, when desired.

With the foregoing and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of invention herein disclosed can be made within the scope of what is claimed without departing from the spirit of the invention.

In the accompanying drawings,—Figure 1 shows the device in perspective, applied to an animal; Fig. 2 shows the device in perspective, detached; and Fig. 3 is a fragmental side elevation, enlarged from Fig. 2.

In carrying out the invention there is provided a body member, consisting of a pair of curved plates 1, conforming to the rump of the horse. Fixed to the forward ends of the plates 1, are straps 2, connected by means of buckles 3 or the like, with the back strap 4, the back strap 4 being connected by means of side straps 5, with the flank straps 6. It is to be understood, however, that the device constituting the subject matter of this invention may be assembled with a harness of any desired sort, the attaching rigging being largely a matter of choice. When the flank straps 6 are used, the plates 1 are equipped, adjacent their ends, with eyes 7, adapted to receive the flank straps 6.

The invention further includes a trough-shaped tail-holder 8 which is pivotally connected with the body member, comprising

the plates 1. The tail-holder 8 is equipped, adjacent its lower end, with outstanding studs 9 adapted to register in eyes 10, formed upon the plates 1, the construction, obviously, being such that the tail-holder 8 may be tilted to any desired angle.

The tail-holder 8 is equipped intermediate its ends, and upon its outer edges, with outstanding lugs 11, adapted to receive, loosely, but against oscillation, the rear, upper ends of securing elements 12, the same preferably being bolts, having heads 14 at their rear ends, adapted to engage the rear faces of the lugs 11. The forward ends of the bolts 12 are extended through lugs 15, upstanding from the plates 1, adjacent the forward ends of the plates. Wing nuts 16 are threaded upon the forward ends of the bolts 12, the wing nuts 16 being adapted to engage the forward faces of the lugs 15. Helical springs 17 surround the bolts 12, the springs abutting at their rear ends, against the lugs 11, and at their forward ends, against the lugs 15.

The operation of the device is as follows. When the body member, comprising the plates 1, is mounted upon the rump of the animal, and secured thereon in any desired manner, as shown in Fig. 1, the tail of the animal is engaged by the tail-holder 8. By rotating the wing nuts 16, the bolts 12 will be drawn forwardly, thereby tilting the free, upper end of the tail-holder 8 forwardly, and disposing the tail of the animal in any desired sweep. Obviously, by unscrewing the wing nuts 16, the tail of the animal may be let down. The bolts 12 and the wing nuts 16 constitute adjustable means for tilting the free upper end of the tailholder 8 forwardly. Likewise, the springs 17 constitute yieldable means for preventing the free upper ends of the tail holder 8 from swinging forwardly, beyond the point to which it has been adjusted by means of the bolt and nut connection 12—16.

Having thus described the invention, what is claimed is:—

1. A device of the class described comprising a body member; a tail-holder pivoted to the body member; adjustable means for swinging the free upper end of the tail-holder forwardly; and resilient means for limiting the forward movement of the upper end of the tail-holder after the same has been adjusted.

2. A device of the class described com-

prising a body member; a tail-holder pivotally connected with the body member; threaded elements united with the tail-holder and loosely engaged with the body member; nuts upon the threaded elements, adapted to engage with the body member, to swing the free upper end of the tail-holder forwardly; and compression springs surrounding the threaded elements, and bearing against the tail-holder and against the body member.

3. A crupper comprising cooperating parts, one of which parts is a body member, the other of which parts is a tail-holder pivotally connected with the body member; a threaded element engaged with one of said parts; a nut upon the threaded element, adapted to engage the other of said parts; and a compression spring surrounding the threaded element, and bearing against both of said parts.

4. A device of the class described comprising a body member provided with up-standing eyes; a tail-holder having bearings adapted to oscillate in the eyes; the body member and the tail-holder being provided with outstanding lugs; a threaded

element extended through the lugs, and having a head adapted to engage the lug of the tail-holder; a nut upon the threaded element, adapted to engage the lug of the body member; and a compression spring surrounding the threaded member and abutting against the lugs.

5. A device of the class described comprising a body member; a tail holder pivotally connected with the body member; the body member and the tail-holder being provided with outstanding lugs; a threaded element extended through the lugs, and having a head adapted to engage with one lug; a nut on the threaded member, adapted to engage with the other lug; and a compression spring surrounding the threaded member, and abutting against the lugs.

In testimony that we claim the foregoing as our own, we have hereto affixed our signatures in the presence of two witnesses.

SAM D. HINKLE.
ALBERT CATLETT.

Witnesses:

GEO. F. DOSS,
CHARLES RANDOLPH.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."