No. 750,141. PATENTED JAN. 19, 1904.

W. J. WILLEY.

HITCHING DEVICE.

APPLICATION FILED MAY 13, 1903.

NO MODEL.

Fig. 1.

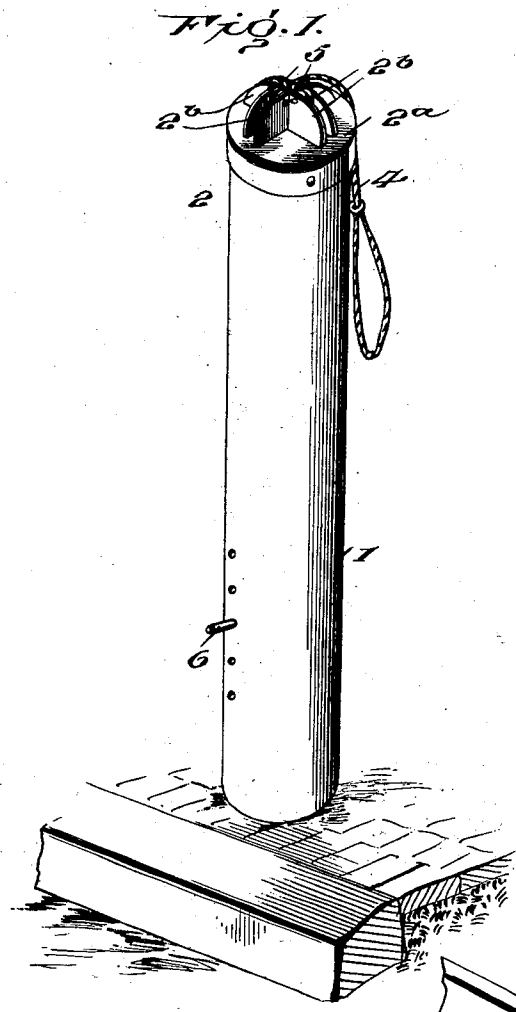


Fig. 2.

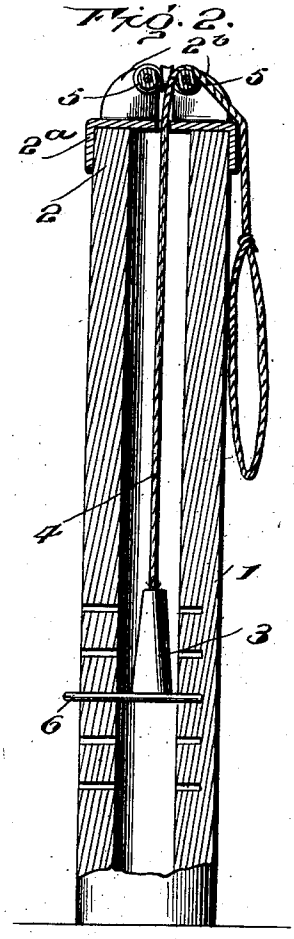


Fig. 3.

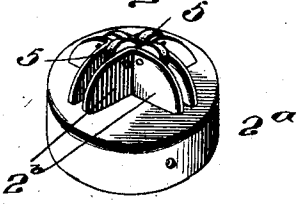
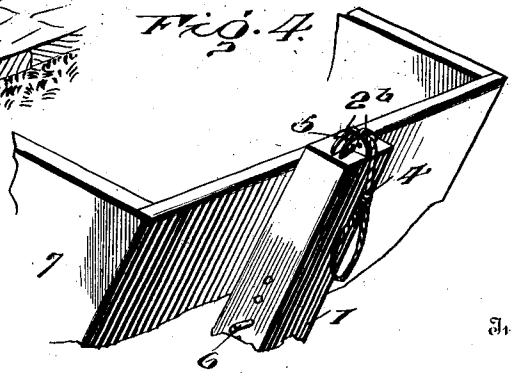


Fig. 4.



Witnesses

Inventor

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By R. A. B. Lacey. Attorneys

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

No. 750,141. Patented January 19, 1904.

UNITED STATES PATENT OFFICE.

WILLIAM J. WILLEY, OF CLAYTON, DELAWARE.

HITCHING DEVICE.

SPECIFICATION forming part of Letters Patent No. 750,141, dated January 19, 1904.

Application filed May 13, 1903. Serial No. 156,999. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM J. WILLEY, a citizen of the United States, residing at Clayton, in the county of Kent and State of Delaware, have invented certain new and useful Improvements in Hitching Devices, of which the following is a specification.

This invention aims to improve upon the type of hitching devices embodying the use of a tubular body either attached to or separated from the manger or stall of stables. Weight means are disposed within the tubular body, being suspended therein by means of an attaching-rope or the like by which the animal is secured.

The device embodies a maximum degree of simplicity and general cheapness of form possessing yet other advantages which will be obvious.

For a full description of the invention and the merits thereof and also to acquire a knowledge of the details of construction of the means for effecting the result reference is to be had to the following description and drawings hereto attached.

While the essential and characteristic features of the invention are susceptible of modification, still the preferred embodiment of the invention is illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of the device used as a hitching-post for streets, gateways, or the like. Fig. 2 is a vertical sectional view of the device. Fig. 3 is a detail perspective view of the head member of the device. Fig. 4 is a view showing the invention applied to a stall or manger.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

The hitching device comprises, essentially, four different parts—a tubular body 1, head 2, weight 3, and suspending means 4 for the weight. The tubular body 1 may be of cast metal, or wood would be suitable as a material in some instances. The lower portion of the body 1, when the same is used as a hitching-post, would, of course, be received by the ground and securely held in place in a manner which will be apparent without needless description. The head 2 consists of a cap 2^a and ears 2^b, projected upwardly from the cap portion thereof. The cap is removable in order to permit removal and insertion of the weight 3 within the body should this be necessary for any reason. The ears 2^b are arranged in pairs, disposed approximately at a right angle, the adjacent ears of each pair being of integral formation. Journaled between the pairs of ears 2^b are rollers 5, which because of the peculiar disposal of the ears are adapted to permit the rope to be pulled in any direction and in so doing to move freely upon one of the said rollers. The relative disposition before mentioned rests in the disposal of the ears in such a manner that corresponding pairs thereof have their adjacent edges in close juxtaposition, so as to correspondingly dispose the rollers 5, and thus the rope by which the weight is suspended may have the free movement above set forth. The body 1 is provided longitudinally thereof with a plurality of openings disposed at intervals thereon, said openings being adapted to receive a supporting-pin 6, which supporting-pin may be so adjusted as to permit a greater or less degree of movement of the weight 3 within the body 1. The suspending means 4 may be of rope or other suitable material, as desired.

In the modified form of the invention the hollow body 1 is shown disposed upon the manger or stall 7, the general arrangement of parts being the same as heretofore described.

It will be readily noted that the weight 3 will constantly take up any slack in the suspending means 4 and for this reason prevent entanglement of the animal's feet therein or other portions of his body.

Having thus described the invention, what is claimed as new is—

1. A hitching device substantially as described, comprising a hollow body, a weight suspended within the body, suspending means for the aforesaid weight constituting the attaching means of the device, the body being provided longitudinally thereof with a plurality of openings, and a supporting-pin adapt-

ed for adjustment within the aforesaid openings to limit the movement of the weight within the body.

2. In a hitching device, comprising a hollow body, a weight suspended therein, suspending means for the weight comprising attaching means for the device, a head disposed upon the body and comprising a cap having pairs of ears projected therefrom, said pairs of ears being disposed at approximately right angles with reference to each other, and rollers journaled between corresponding pairs of ears and adapted to permit free movement of the suspending means aforesaid in any direction.

3. In a hitching device comprising a tubular body, a weight suspended therein, suspension means for the aforesaid weight, the body being provided with a plurality of openings longitudinally and at intervals thereon, a supporting-pin adapted for adjustment within the aforesaid openings to limit the movement of the weight, a head disposed upon the body of the device and comprising a cap having corresponding pairs of ears projected therefrom and disposed at right angles with reference to each other and rollers journaled between the said ears.

In testimony whereof I affix my signature in presence of two witnesses.

WILLIAM J. WILLEY. [L. S.]

Witnesses:

E. V. COOPER,

NOAH RILEY.