

R. D. GORDON.
HITCHING DEVICE.
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948,626.

Patented Feb. 8, 1910.

Fig. 1.

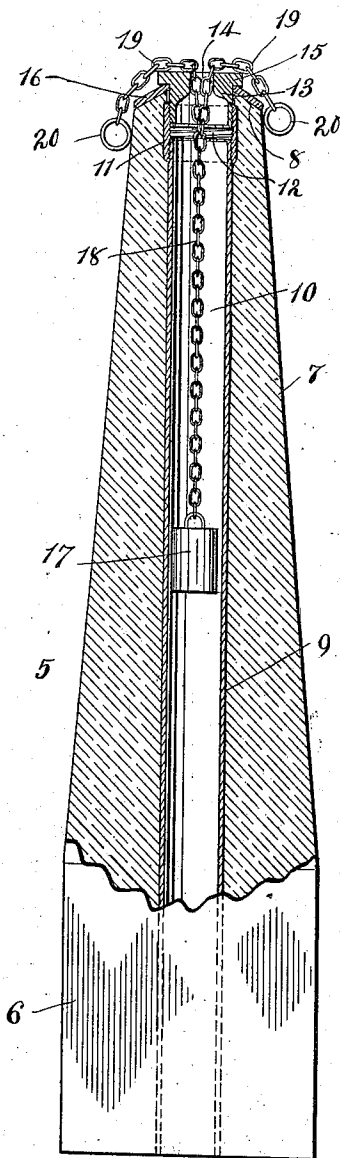
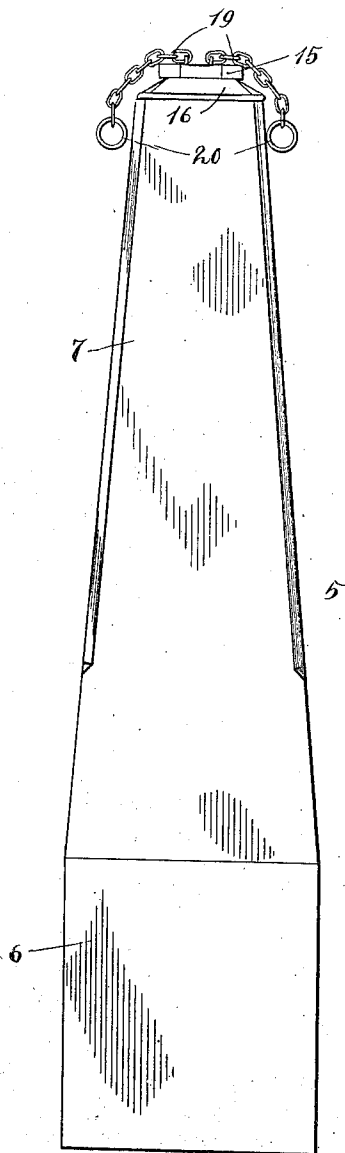


Fig. 2.



Witnesses
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UNITED STATES PATENT OFFICE.

RAYMOND D. GORDON, OF DEWEY, OKLAHOMA.

HITCHING DEVICE.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, RAYMOND D. GORDON, citizen of the United States, residing at Dewey, in the county of Washington and State of Oklahoma, have invented certain new and useful Improvements in Hitching Devices, of which the following is a specification.

My invention relates to hitching devices and refers especially to that class of hitching posts constructed with hollow bodies in which is arranged a weight attached to one end of a flexible connection, the other end of which protrudes through an orifice in the body of the post.

The chief objects of the improvements which constitute the subject matter of this application are:—to provide an inexpensive and durable post for the purpose stated; to furnish a hollow post so arranged that the rope or chain with attached weight may be secured within the cavity of the post so that the animal temporarily fastened thereto may not be able to dislodge the weight, and to so construct the weight retaining member that it can be readily removed, thus making it convenient to renew or repair the chain or rope in case it should become broken or worn.

I accomplish the desired objects by means of the device illustrated in the accompanying drawing, which forms a part of this application, the details of construction being disclosed in the following views:—

Figure 1 is a vertical axial section of my improved concrete hitching post, the lower portion of the post being in full lines, and Fig. 2 is a side elevation, showing the general external appearance of the structure.

Referring to the details of the drawing, the numeral 5 indicates the body of a post constructed of concrete. I prefer to make the lower portion or base 6 of the post with parallel sides, and this portion of the post may be circular or rectangular in cross section as may be preferred. The shaft 7 above said base tapers gradually to the summit which is suitably beveled as shown at 8. The post is provided with an axial bore 9, which extends entirely through the structure from end to end, and serves a two-fold purpose; first, to lessen the weight of the post without materially detracting from its strength, and second, to provide a housing for a hitching weight and chain, herein-after described.

For the purpose of reinforcing the post and defending the inner surface of the bore from injury by the friction of the weight as it travels upward and downward in the cavity by variations in the traction upon the chain when in use, I line the said bore with a suitable metal pipe 10, which extends from the lower end of the post to within a short distance of the upper end. The upper end of the pipe is threaded upon the outside to receive a sleeve or collar 11, furnished with internal threads 12, which engage the threads on the pipe. The collar extends beyond the pipe and is engaged by the lower end of a reducing sleeve 13, which has its upper orifice contracted as shown at 14, to prevent dislodgment of the weight. The upper end of the reducing sleeve 13, which projects above the top of the post, is extended beyond the body of the sleeve and has its margins squared to form a nut 15. The pipe 10 and collar 11 are inserted at the time the post is molded and cannot be removed; the reducing sleeve, however, is fitted so that it may be readily unscrewed or reinserted as occasion may require. The top of the post is covered with a protective cap 16, held in place by the projecting margins of the nut 15, that serves to prevent the concrete from becoming broken by the chains as they are drawn over the margin. Within the cavity of the pipe 10 a suitable weight 17 is suspended by a chain 18. The latter is bifurcated at the top to form two branches 19 which project from the bore of the reducing sleeve, and their ends are furnished with stops in the form of hitch rings 20, which are of sufficient diameter to prevent their passing through the contracted orifice 14 and thus becoming lost in the interior of the post.

The use of concrete for the body of the post presents advantages that will be obvious, since the article will be more durable than if made entirely of metal or wood, and the nature of the material will permit of more or less ornamentation, and in addition the cheapness of the plastic method of construction will permit of a decided reduction in the cost of manufacture. The removability of the reducing sleeve, the substantial nature of the metal lining for the post bore, preventing wear of the concrete and adding rigidity and strength to the molded body, and the protective cap which acts as a shield for the top, are all impor-

tant features which add to the value of the device.

Having thus described my invention, what I claim as new, is:—

- 5 A hitching device, comprising a hollow concrete post, a reinforcing member consisting of a pipe forming a lining for the bore of the post, a collar furnished with internal threads embracing said pipe, a protective cap for the post, a reduction sleeve having threaded connection with said collar, a nut
10 on said sleeve having extended margins adapted to engage said cap, a weight sus-

ended in said post, flexible weight suspension means passing through said reduction sleeve, said suspension means having a plurality of branches extending externally to the post, and stops attached to the extremities of said arms. 15

In testimony whereof I affix my signature in the presence of two witnesses. 20

RAYMOND D. GORDON.

Witnesses:

C. C. JULIAN,

HARRIET KELLEY.