No. 746,135. PATENTED DEC. 8, 1903.

F. OBIOLS.

HITCHING DEVICE.

APPLICATION FILED JUNE 30, 1903.

NO MODEL.

Fig. 1.

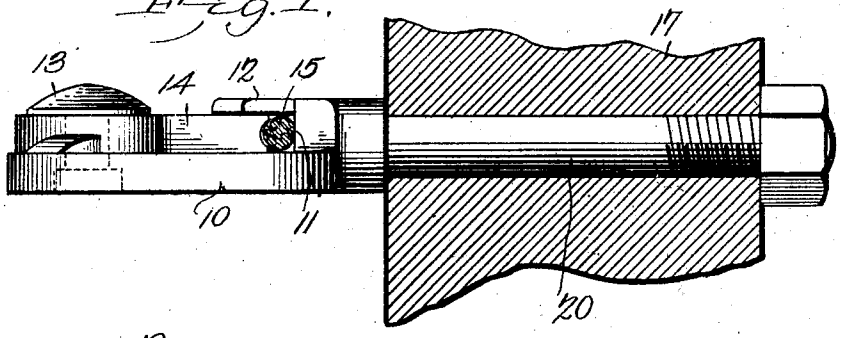


Fig. 2.

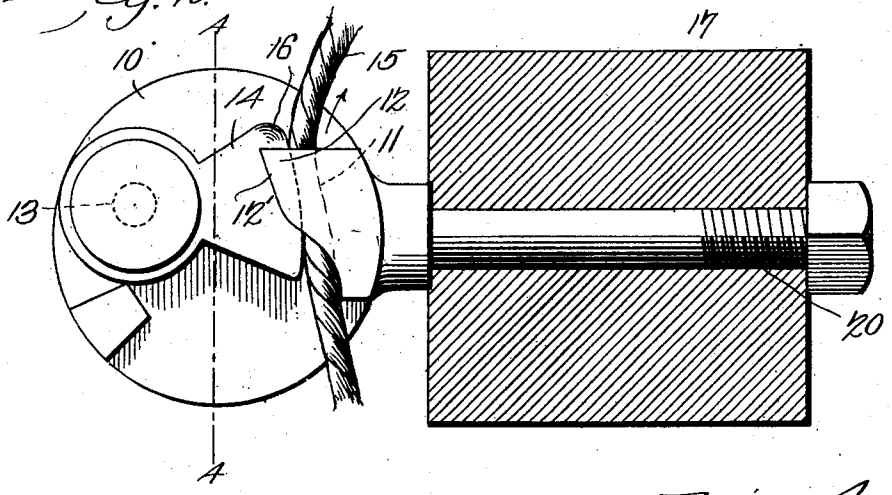


Fig. 3.

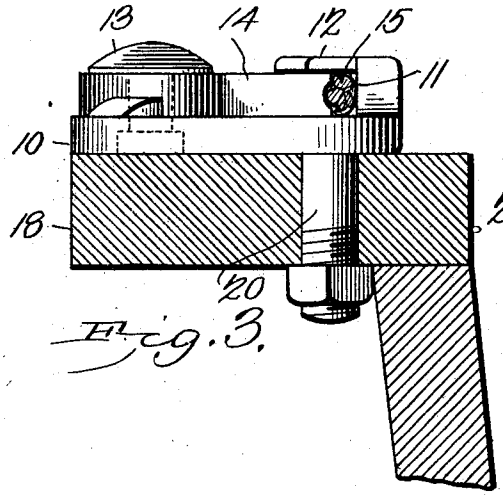
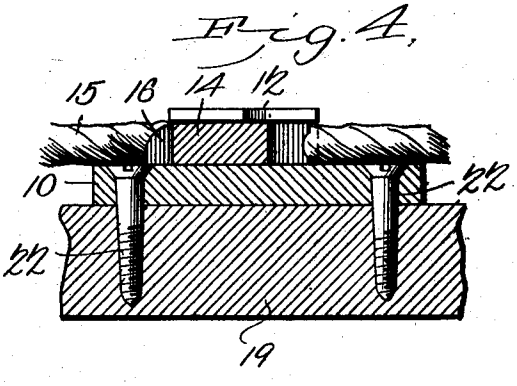


Fig. 4.



Witnesses

E. F. Stewart

C. N. Woodward.

F. Obiols, Inventor.

by C. A. Snow & Co

Attorneys

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

No. 746,135. Patented December 8, 1903.

UNITED STATES PATENT OFFICE.

FRANK OBIOLS, OF WINNEMUCCA, NEVADA.

HITCHING DEVICE.

SPECIFICATION forming part of Letters Patent No. 746,135, dated December 8, 1903.

Application filed June 30, 1903. Serial No. 163,793. (No model.)

To all whom it may concern:

Be it known that I, FRANK OBIOLS, a citizen of the United States, residing at Winnemucca, in the county of Humboldt and State of Nevada, have invented a new and useful Hitching Device, of which the following is a specification.

This invention relates to devices for hitching horses and for other like purposes, and has for its object to simplify and improve devices of this character and produce a device which will effectually hold the animal and prevent release therefrom no matter how violently the animal may move about or agitate the hitching-strap.

The invention consists in certain novel features of construction as hereinafter shown and described, and specified in the claims.

In the drawings illustrative of the invention, in which corresponding parts are denoted by like designating characters, Figure 1 is a side elevation, and Fig. 2 is a plan view of the device applied to a hitching-post. Figs. 3 and 4 illustrate modified means for connecting the device to structures other than hitching-posts.

The device may be employed for many purposes, but, as before stated, is more particularly applicable to hitching horses; but I do not wish to be limited in the use of the device to any specific purpose or in connection with any specific structure, but reserve the right to its use for whatever purpose it may be adapted.

The improved device consists of a base member 10, preferably circular or in disk form and having a cam lug or surface 11 extending from its face at one side and with a lip 12 extending over the cam-lug and forming a socket, as shown. Pivoted at 13 to the opposite side of the base from the cam-lug is a cam member 14, operating in the cam-socket by its operative edge, as shown. The opposing edges of the parts 11 14 may be serrated or otherwise roughened, or the cam member may be grooved or otherwise formed to increase the "grip" between the parts. By this simple arrangement it will be obvious that with an object such as a hitching-strap, represented at 15, placed between the parts 11 14 any strain exerted in the direction of the arrow will cause the parts to "bite" the strap and effectually prevent its removal from that direction, but which may be easily released by a strain exerted in the opposite direction.

It will be noted that the base member 10 extends on all sides beyond the cam member 14 and that the cam member likewise extends beyond the lip 12 on the side toward which the strain is exerted and has its outer face rounded at the corner 16 to cause the strap 15 when moved upwardly or laterally to slip freely thereover and engage the straight edge 12′ of the rigid lip 12 to prevent such a movement from causing said strap to obtain any purchase or exert any backward strain on the cam member, which strain would be liable to disengage the cam member and release the strap. Thus no matter how violently the animal may toss his head about and throw the strap about no position in which it can be placed will exert a backward strain upon the cam member and release it, but such strain will be thrown on the rigid lip 12.

The plate 10 may be fastened in any suitable manner to any required support, such as a hitching-post 17, as shown in Figs. 1 and 2, to a manger or other feeding-place, as indicated at 18 in Fig. 3, or to a wall 19, as indicated in Fig. 4. A holding-bolt 20 may be formed integral with the plate, as in Figs. 1, 2, 3, or the plate may be fastened directly to the support by holding bolts or screws 22, as in Fig. 4, or any other suitable fastening means may be employed.

The parts may be of any suitable material or of any suitable size and adapted to hold any size of strap or rope.

If desired, the relative locations of the parts 12 and 14 could be reversed, so that the member 15 would be inserted from the opposite side; but it is obvious that this would not be a departure from the spirit of the invention.

The device may be employed to advantage upon a seat or other part of a wagon to hold the reins.

Having thus described my invention, what I claim is—

A hitching device comprising a base-plate having a cam-socket provided with an overhanging lip, a cam pivotally mounted on said base-plate in position to engage the cam-wall of said socket, said cam projecting beyond

said lip when in operative position and having the outer face of said projected portion rounded to provide for the free movement thereover of a strap held by the cam when upward or lateral strain is exerted on said strap.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

FRANK OBIOLS.

Witnesses:
S. G. LAMB,
J. D. VARGAS.