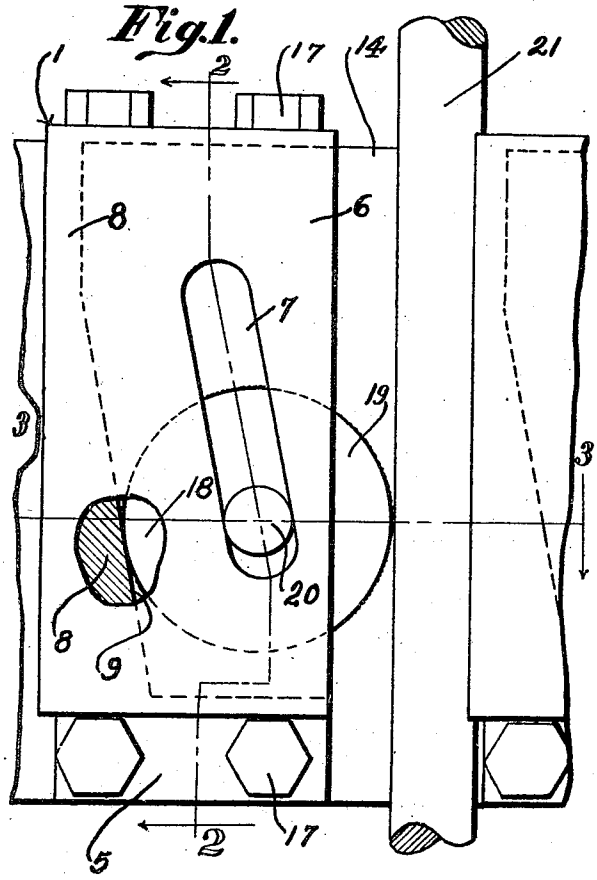
S. E. AREY, J. J. HERN, AND M. S. McFADDEN.

SUCKER ROD HANGER.

APPLICATION FILED AUG. 6, 1920.

1,414,541. Patented May 2, 1922.

Fig.1.



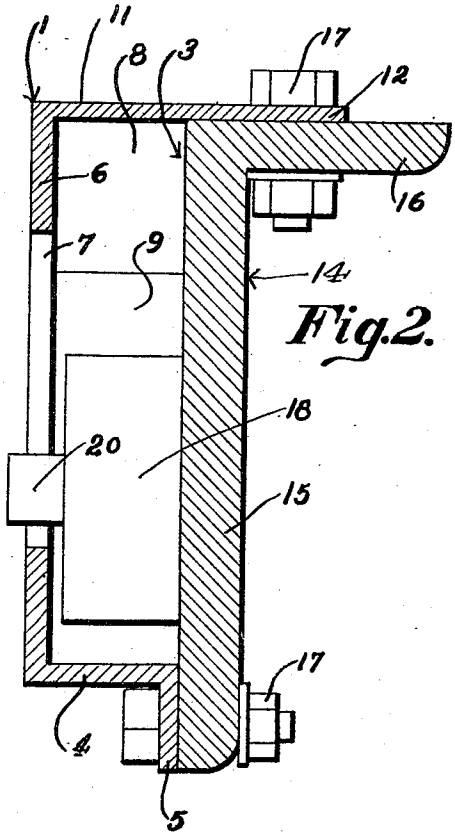


Fig.2.

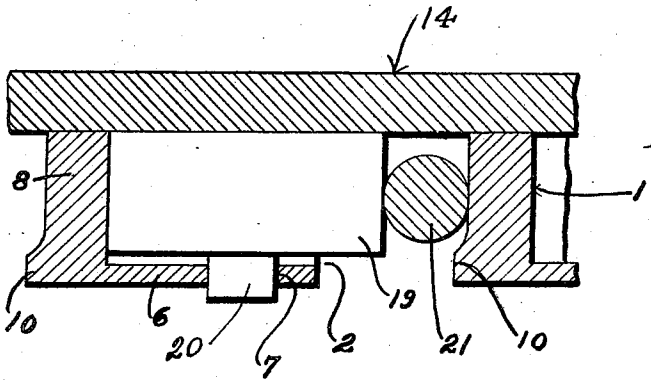


Fig.3.

S. E. Arey,
J. J. Hern.
M. S. McFadden.
Inventors,

By C. A. Snow & Co.
Attorney

UNITED STATES PATENT OFFICE.

SAMUEL EDWARD AREY AND JAY J. HERN, OF FELLOWS, AND MERLE STANLEY McFADDEN, OF TAFT, CALIFORNIA.

SUCKER-ROD HANGER.

1,414,541. Specification of Letters Patent. Patented May 2, 1922.

Application filed August 6, 1920. Serial No. 401,755.

To all whom it may concern:

Be it known that we, SAMUEL E. AREY, JAY J. HERN, and MERLE S. McFADDEN, citizens of the United States, residing, respectively, at Fellows, Fellows, and Taft, in the county of Kern, State of California, have invented a new and useful Sucker-Rod Hanger, of which the following is a specification.

It is the object of this invention to provide a simple but effective means whereby objects, such as sucker rods, may be suspended and held in position for use.

It is within the province of the disclosure to improve generally and to enhance the utility of devices of that type to which the invention appertains.

With the above 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, within the scope of what is claimed, changes in the precise embodiment of the invention shown can be made without departing from the spirit of the invention.

In the accompanying drawings:—

Figure 1 shows in front elevation; a device constructed in accordance with the invention, parts appearing in section; Figure 2 is a section taken through the line 2—2 of Figure 1; and Figure 3 is a section taken on the line 3—3 of Figure 1.

In carrying out the invention there is provided a casing 1 of rectangular box-like outline, the casing being open at one side, as indicated by the numeral 2 and being open at the back, as denoted by the numeral 3. The casing 1, has a bottom 4 having a depending first flange 5, the casing including a front 6 having a diagonal slot 7. The casing 1 embodies a side wall 8 provided with a downwardly slanting inner surface 9 disposed parallel to the slot 7, the wall 8 being supplied with an external longitudinal rib 10 located in alinement with the front 6. The casing 1 has a top 11 prolonged to form a second flange 12 extended beyond the side wall 8.

The casing may be mounted on a support of any desired sort, the support, ordinarily, being some part of a well drilling rig. In the present instance, the support 14 is shown in the form of an angle member, including a depending flange 15 and a horizontal flange 16. The casing 1 is disposed against the depending flange 15 of the support 14, the flange 15 constituting a closure for the back of the casing 1. The flange 5 rests against the outer surface of the part 15 of the support 14, the flange 12 overhanging the part 16 of the support. Securing elements 17 unite the flange 12 with the part 16 and unite the flange 5 with the lower portion of the element 15.

A roller 18 is located in the casing 1, between the front 6 and the flange 15 on the support 14, the roller projecting through the open side 2 of the casing 1, as denoted by the numeral 19 in Figure 1. The periphery of the roller 19 moves in contact with the slanting surface 9 of the side wall 8. The roller 18 has an axle 20 mounted to move in the slot 7 of the casing 1.

In practical operation, any desired number of casings may be mounted on the support 14 in the manner hereinbefore described. An object of any desired sort, such as a sucker rod 21 may be inserted upwardly, behind the rib 10, the roller 19 moving upwardly. When the sucker rod 21 is released, the roller 18 will move downwardly, the roller being moved transversely, since the roller cooperates with the downwardly slanting surface 9. The sucker rod 21 will be bound between the projecting portion 19 of the roller 18 and the side wall 8 of an adjoining casing 1, the rib 10 preventing outward movement, and consequent displacement, of the sucker rod 21.

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

A rod clamp comprising a support; a box-like rectangular casing open at the back and at one side, the support constituting a closure for the open back of the casing, the casing including a side wall provided with a downwardly slanting inner surface, the side wall having an external longitudinal rib, a top prolonged beyond the side wall to form a flange overhanging the support, a bottom having a depending flange resting against the support, and a front having a diagonal slot disposed parallel to the downwardly slanting inner surface of the side wall; securing elements connecting the flanges with the support; a roller projecting out of the open side of the casing and operating to bind a rod

against the side wall of a like adjoining casing and behind the longitudinal rib thereof, the roller traversing the slanting inner surface of the side wall, one end of the roller being provided with a projecting axle movable in the diagonal slot, the other end of the roller being plane and being in engagement with the support, to hold the axle in the slot.

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

SAMUEL EDWARD AREY,
JAY J. HERN.
MERLE STANLEY McFADDEN.

Witnesses:
P. D. SMITH,
H. E. CLARK.