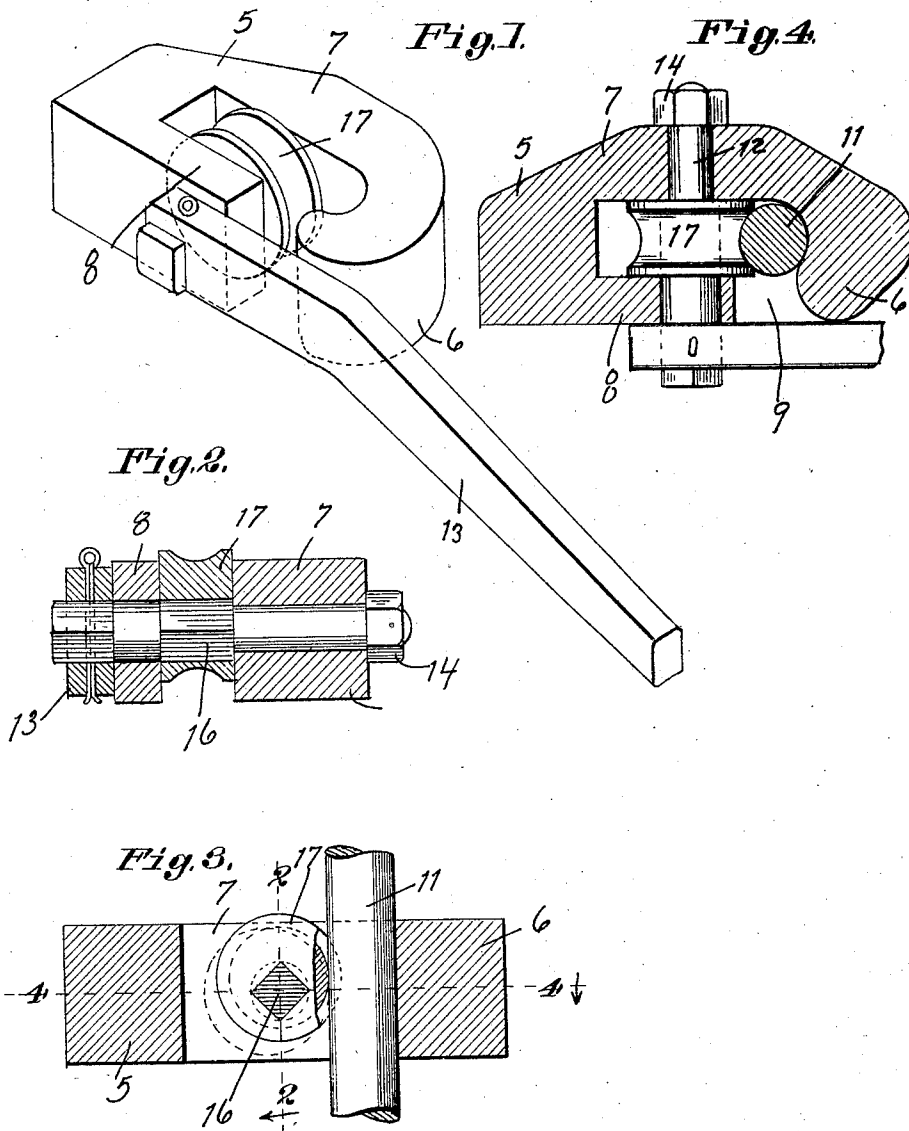


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E. L. GLUYAS
POLISH ROD CLAMP
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POLISH-ROD CLAMP.

Application filed December 3, 1924. Serial No. 753,727.

This invention relates to improvements in polish rod clamps.

The principal object of this invention is to produce a device for gripping the polish rod of a well.

Another object is to produce a device of this character which will automatically tighten when the weight of the polish rod acts upon the cam member.

A further object is to produce a device of this nature which may be quickly adjusted to the polish rod, and one which is simple to operate.

A still further object is to produce a device which is cheap to manufacture and therefore economical to use.

Other objects and advantages will be apparent during the course of the following description.

In the accompanying drawings forming a part of this specification, and in which like numerals are employed to designate like parts throughout the same,

Figure 1 is a perspective view of my device,

Figure 2 is a cross-section taken on the line 2—2 of Figure 3,

Figure 3 is a vertical cross-section of my device, and

Figure 4 is a cross-section taken on the line 4—4 of Figure 3.

In the present method of drawing polish rods, it is customary to use a screw clamp which necessitates a considerable loss of time in the adjusting of the same. To overcome this loss of time I have provided a device which may be quickly attached to the polish rod or disengaged therefrom.

In the accompanying drawings wherein for the purpose of illustration is shown a preferred embodiment of my invention, the numeral 5 designates a casting as a whole having a hook shaped end 6 and parallel portions 7 and 8. The parallel portion 8 is separated from the hook 6 by a space 9 of sufficient size to permit a polish rod as shown at 11 to pass therebetween.

A shaft 12 is mounted in the casting so

as to rotate therein and is held against lateral movement as by a handle 13 which abuts the parallel portion 8 and a nut 14 which abuts the parallel portion 7. This shaft is squared as shown at 16 over which a roller 17 is eccentrically mounted. With this construction it is possible for me to throw the handle 13 to a vertical position which moves the roller 17 to the dotted line position of Figure 3. When in this position the polish rod 11 may be passed through the opening 9 to the position shown in Figure 4, after which the handle 13 is rotated so as to bring the periphery of the roller 17 into contact with the polish rod 11.

As this roller is eccentrically mounted any tendency of the polish rod to drop through the clamp thus formed, will only tend to increase the binding action between the roller and the hooked end 6.

It will thus be seen that I have provided a very simple device which will accomplish all the objects above set forth.

It is to be understood that the form of my invention herewith shown and described is to be taken as a preferred example of the same and that various changes in the shape, size and arrangement of parts may be resorted to without departing from the spirit of the invention or the scope of the subjoined claim.

Having thus described my invention, I claim:—

In a device of the character described, a casting having parallel portions, a hooked portion formed integrally with one of said parallel portions, the end of said hooked portion being spaced from the other of said parallel portions, a shaft journaled in said parallel portions, a roller eccentrically mounted on said shaft, and a handle secured to said shaft for the purpose of rotating said roller, said handle being adapted to overlies the opening formed between said hooked portion and the end of said parallel portion.

In testimony whereof I affix my signature.

EDWIN L. GLUYAS.