

J. HOLLY.
Rod-Adjuster for Oil-Wells.

No. 218,027.

Patented July 29, 1879.

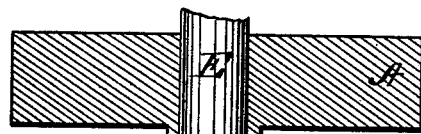


Fig. 1,

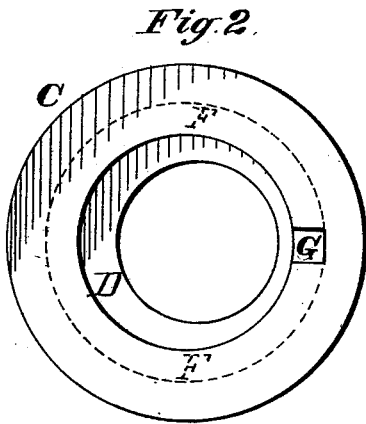


Fig. 2,

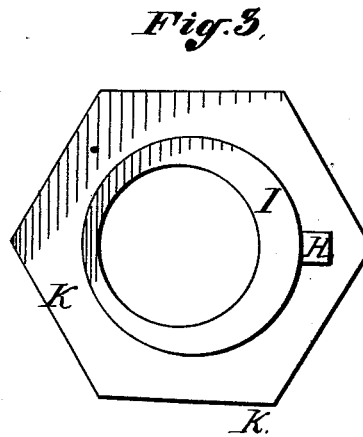
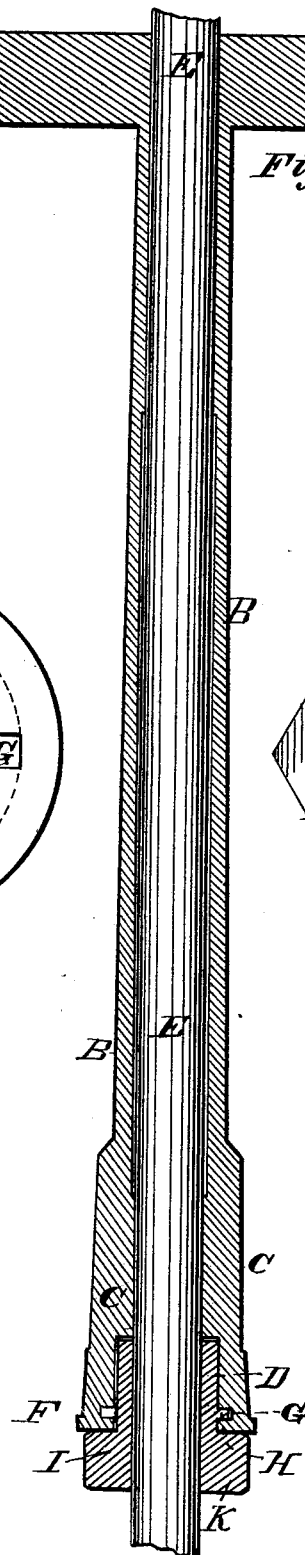


Fig. 3,



Witnesses

J. R. Robertson.

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*By his attorney
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UNITED STATES PATENT OFFICE.

JOHN HOLLY, OF ROUSEVILLE, PENNSYLVANIA.

IMPROVEMENT IN ROD-ADJUSTERS FOR OIL-WELLS.

Specification forming part of Letters Patent No. **218,027**, dated July 29, 1879; application filed January 10, 1879.

To all whom it may concern:

Be it known that I, JOHN HOLLY, of Rouseville, in the county of Venango and State of Pennsylvania, have invented certain new and useful Improvements in Rod-Adjusters for Oil-Wells; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

Figure 1 is a vertical section of an improved adjuster with the polished rod secured therein. Fig. 2 is an end view, somewhat enlarged, showing the polished-rod hole eccentric with the box of the adjuster. Fig. 3 is an end view of the cap, also enlarged, detached from the adjuster, with the polished-rod hole eccentric with the pin.

My invention is an improved device for securing polished rods in adjusters for oil-wells, of which the following is a specification.

A indicates the trunnions, which are secured near the end of a walking-beam, in the ordinary manner. Extending from the trunnions is a large tube, B, having secured to its lower end, and forming part of said tube, a somewhat heavier body of metal, C, the lower end of which is provided with an annular box, D. Said box is eccentric with the tube B, and also with the polished rod E within said tube.

Formed in the annular box D is a groove,

F, and a mortise, G, for allowing a nib, H, (secured to and forming part of the eccentric cap I,) to enter and hold said cap in when securing the polished rod E. The polished-rod hole is also eccentric with the cap I.

In securing a polished rod in the adjuster, the cap I is secured by the nib H, which is turned about half around after entering the mortise G. The rod is then inserted and the cap turned either to the right or to the left by means of the hexagon-nut K, forming the case of said cap, thus firmly securing the polished-rod by the clutch of the eccentrics.

I claim—

1. In a rod-adjuster, the combination of a tubular box having an eccentric opening, a cylindrical recess, eccentric also to the bore of the tubular box, and a mortise, G, with an eccentric cap having a nib to enter the cylindrical recess in the box, substantially as and for the purpose described.

2. In an adjuster, a tube to contain the polished rod secured to the trunnions, in combination with an eccentric clutch for securing a polished rod, substantially as shown and described.

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

JOHN HOLLY.

Witnesses:

JAMES C. BOYCE,
W. R. EDELEN.