

O. B. WICKHAM.
Polish-Rod Adjuster for Artesian and other Wells.

No. 222,336.

Patented Dec. 2, 1879.

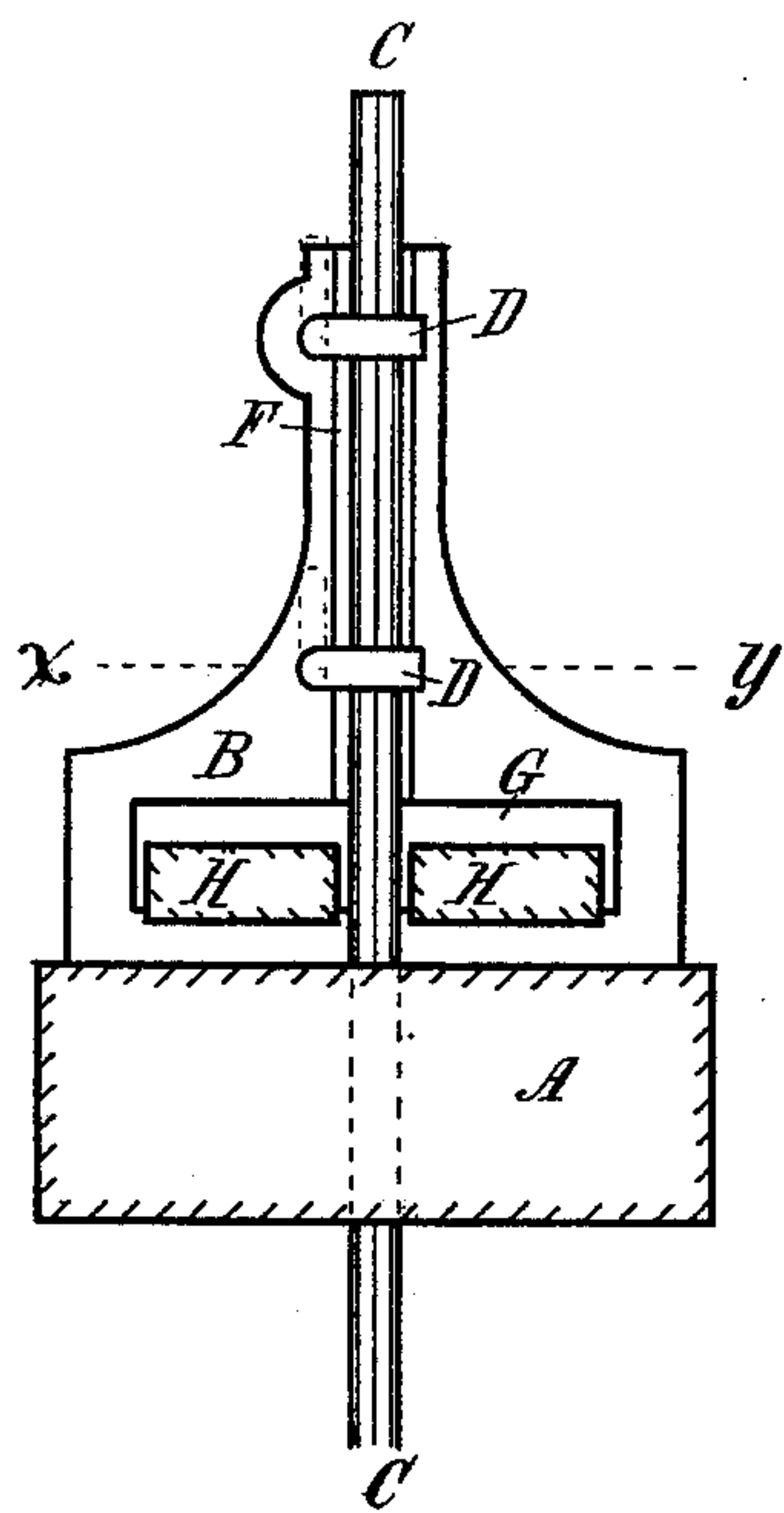


FIG. 1.

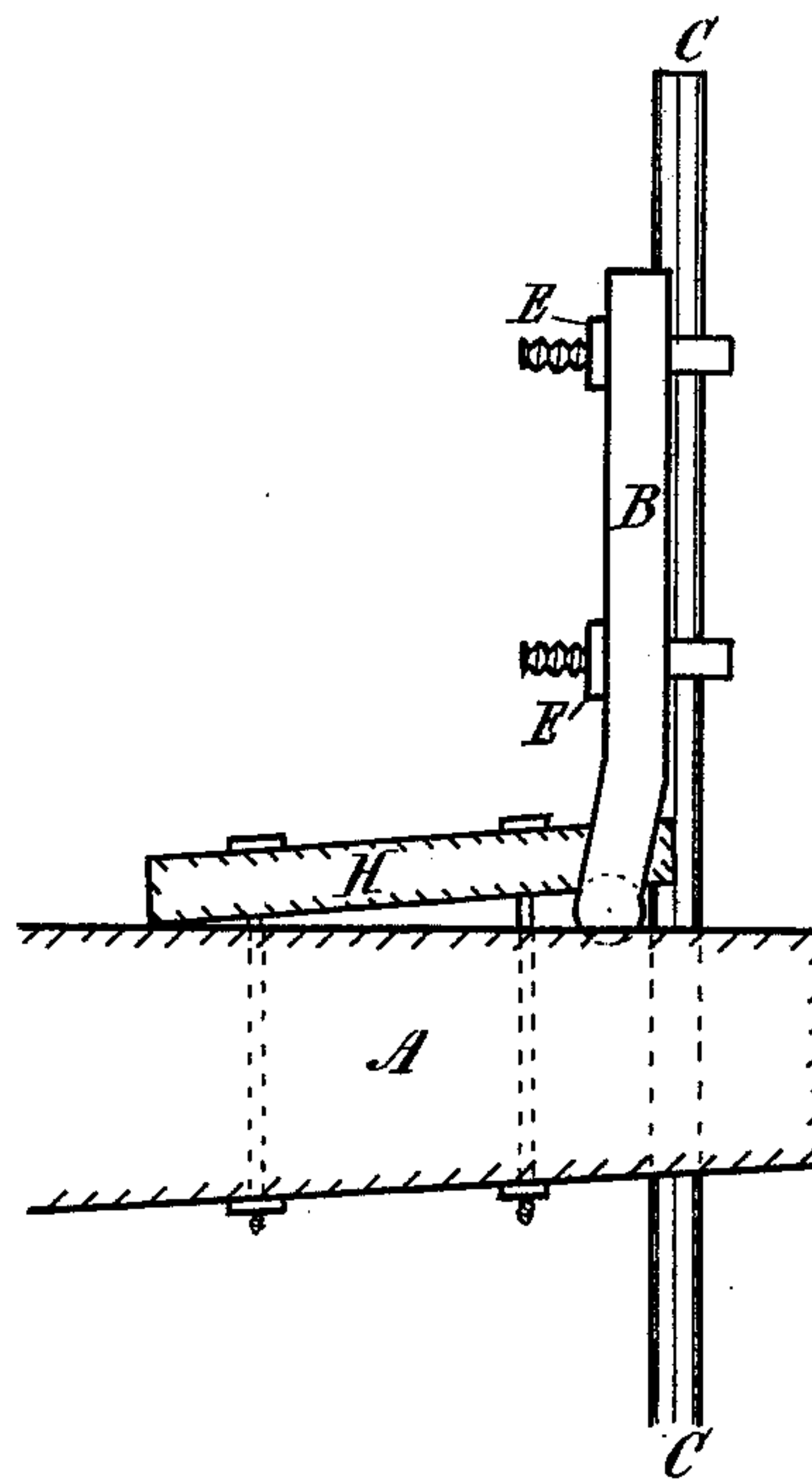


FIG. 2.

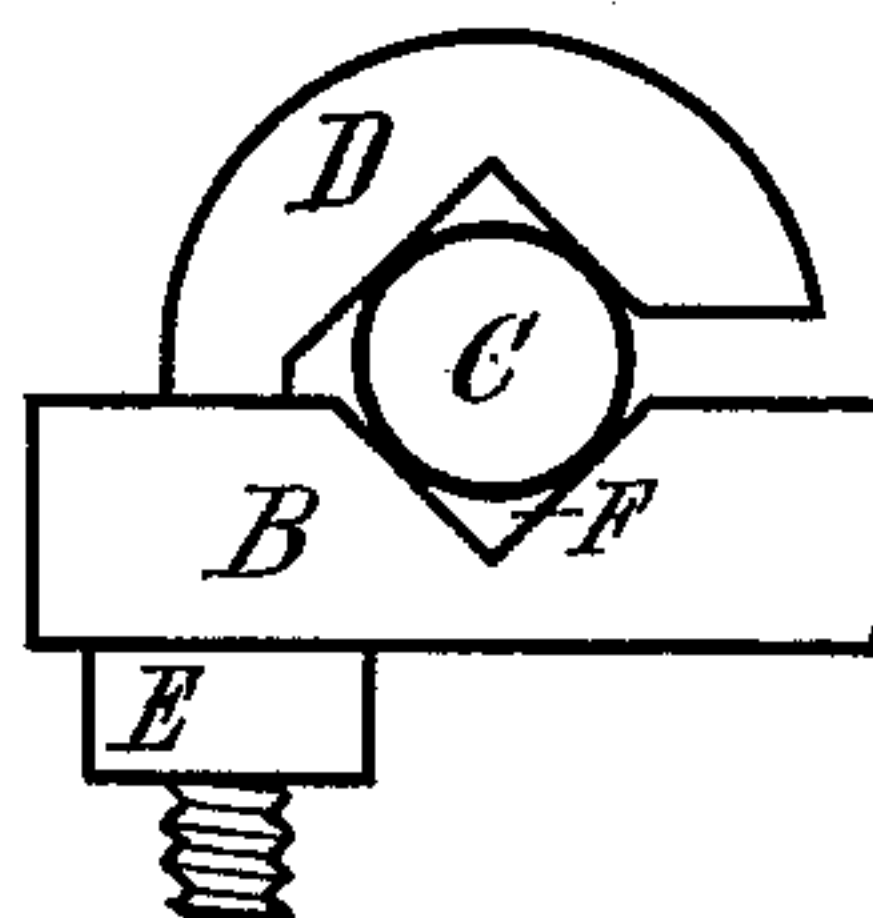


FIG. 3.

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UNITED STATES PATENT OFFICE.

OWEN B. WICKHAM, OF TITUSVILLE, PENNSYLVANIA.

IMPROVEMENT IN POLISH-ROD ADJUSTERS FOR ARTESIAN AND OTHER WELLS.

Specification forming part of Letters Patent No. **222,336**, dated December 2, 1879; application filed May 9, 1879.

To all whom it may concern:

Be it known that I, OWEN B. WICKHAM, of Titusville, Crawford county, Pennsylvania, have invented an Improved Polish-Rod Adjuster for Artesian Wells, of which the following is a specification.

The object of my invention is to so construct an adjuster that it can be used for rods of different sizes, will hold the rod firmly in place when adjusted without bending or springing the rod, and from which the rod can be readily removed when desired.

In the drawings, Figure 1 is an end view of the adjuster as attached to the walking-beam, and with the polish-rod in place. Fig. 2 is a side view of the same; Fig. 3, a section on line *x y*.

A is the walking-beam; B, the body of the adjuster, made of iron or any suitable metal. The upper part is made flat, with a vertical triangular groove, F, along the center, into which the polish-rod C lies.

The rod is confined in place by the hooks D D, the inside of the hooks being also triangular, corresponding with the groove in B.

When the polish-rod C is adjusted, the hooks are drawn close by the nuts E E, and the rod is held firmly in place in the groove F, and is not liable to become crooked.

The groove and hook being triangular allows the use of rods of different sizes, all being held equally firm.

When it is desired to remove the rod, all that is required is to loosen the nuts E E sufficiently to allow the hooks to be turned, as shown in the dotted lines in Fig. 1.

The lower portion of the plate B is constructed of the link or slot G, and is made to fit into a journal in the top of the walking-beam A. A piece of plank, H, is laid inside the slot G and bolted firm to the walking-beam, thus securing the adjuster and allowing free motion backward and forward, and when the polish-rod is removed the adjuster can be laid back on the walking-beam. A slot is cut through the walking-beam to allow the passage of the rod.

I claim as my invention—

A polish-rod adjuster constructed of the plate B, with triangular groove F, hooks D D, with nuts E E, and with slot G, substantially as described, and for the purposes herein set forth.

OWEN B. WICKHAM.

Witnesses:

C. H. AMES,

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