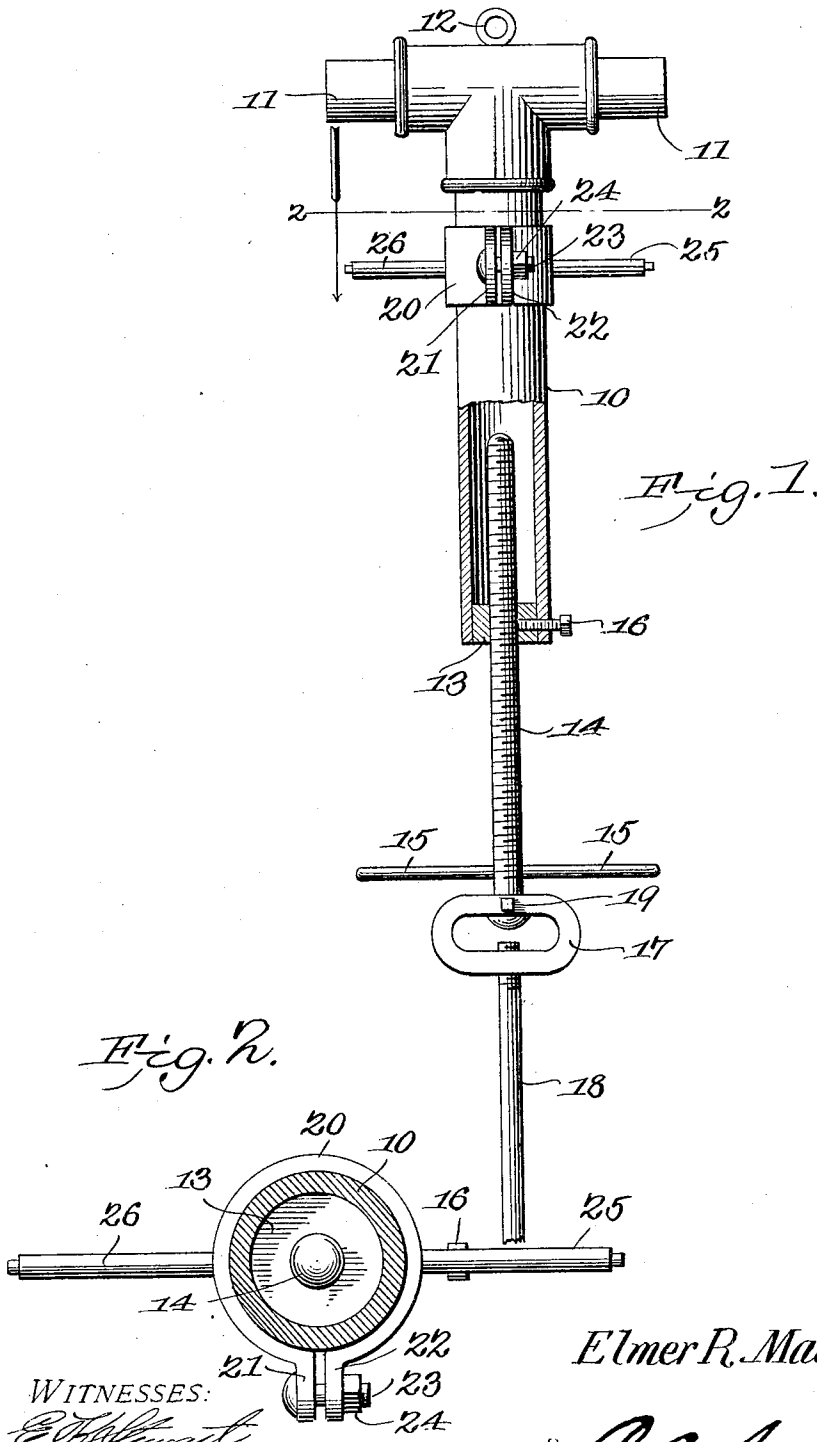


No. 822,971.

PATENTED JUNE 12, 1906.

E. R. MATTHEWS.  
VALVE ADJUSTER FOR OIL WELLS.  
APPLICATION FILED JAN. 11, 1906.



WITNESSES:  
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# UNITED STATES PATENT OFFICE.

ELMER RAYMOND MATTHEWS, OF HOHMAN, OHIO.

## VALVE-ADJUSTER FOR OIL-WELLS.

No. 822,971.

Specification of Letters Patent.

Patented June 12, 1906.

Application filed January 11, 1906. Serial No. 295,633.

*To all whom it may concern:*

Be it known that I, ELMER RAYMOND MATTHEWS, a citizen of the United States, residing at Hohman, in the county of Washington and State of Ohio, have invented a new and useful Valve-Adjuster for Oil-Wells, of which the following is a specification.

This invention relates to adjusters for the valve of oil-well pumps, and has for an object to provide a device of the class embodying new and improved features of convenience, durability, economy, and efficiency.

A further object of the invention is to provide a device of the class embodying improved means for fastening to a walking-beam or jack-arm.

With these and other objects in view the present invention consists in the combination and arrangement of parts, as will be hereinafter fully described, shown in the accompanying drawings, and particularly pointed out in the appended claim, it being understood that changes in the form, proportion, size, and minor details may be made without departing from the spirit or sacrificing any of the advantages of this invention.

In the drawings, Figure 1 is a view of the improved adjuster in side elevation with part of the tube broken away to show the operation and disposition of the adjusting-screw. Fig. 2 is a transverse sectional view taken on line 2 2 of Fig. 1.

Like characters of reference indicate corresponding parts in both figures of the drawings.

In its preferred embodiment the improved adjusting device forming the subject-matter of this application comprises a tube 10, provided at its upper end with the walking-beam engaging the cross-head 11 and lifting-eye 12. At its lower end the tube is provided with a rigidly-secured block 13, bored axially to the tube and screw-threaded to engage the adjusting-screw 14. The screw 14 is provided

with handle-bars 15, by which it may be rotated, and a set-screw 16 is inserted through the block 13 to engage the screw 14.

Upon the lower end of the screw 14 is swiveled the link 17, in which the polish-rod 18 is rigidly secured, and a set-screw 19 is inserted in the link 17 to engage the screw 14 and hold the screw and polish-rod in rigid alinement.

Upon the tube 10 is slidably mounted the split sleeve 20, having outstanding ears 21 and 22, through which is inserted a clamping-bolt 23, provided with a tension-nut 24. Upon the sleeve, and diametrically extended therefrom, are handle-bars 25 and 26 for engaging a jack-arm for pumping.

From the foregoing description it is believed the use, operation, and advantages of the improved valve-adjuster will be clearly understood and fully appreciated.

Having thus described the invention, what is claimed is—

A device of the character described, comprising an arm-engaging cross-head, a tube extending from the cross-head, an internally-screw-threaded block secured within one end of the tube, a clamp adjustably mounted on the tube, arms radiating therefrom, a threaded stem engaging the block and extending into the tube, means extending through the block and tube for binding the stem to hold it against rotation, a polish-rod, a link adjustably connected thereto and swiveled on the stem, arms radiating from the stem, and means extending through the link for binding upon the stem to hold the link and stem against rotation.

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

ELMER RAYMOND MATTHEWS

Witnesses:

S. F. JOY,  
R. L. HANLON.