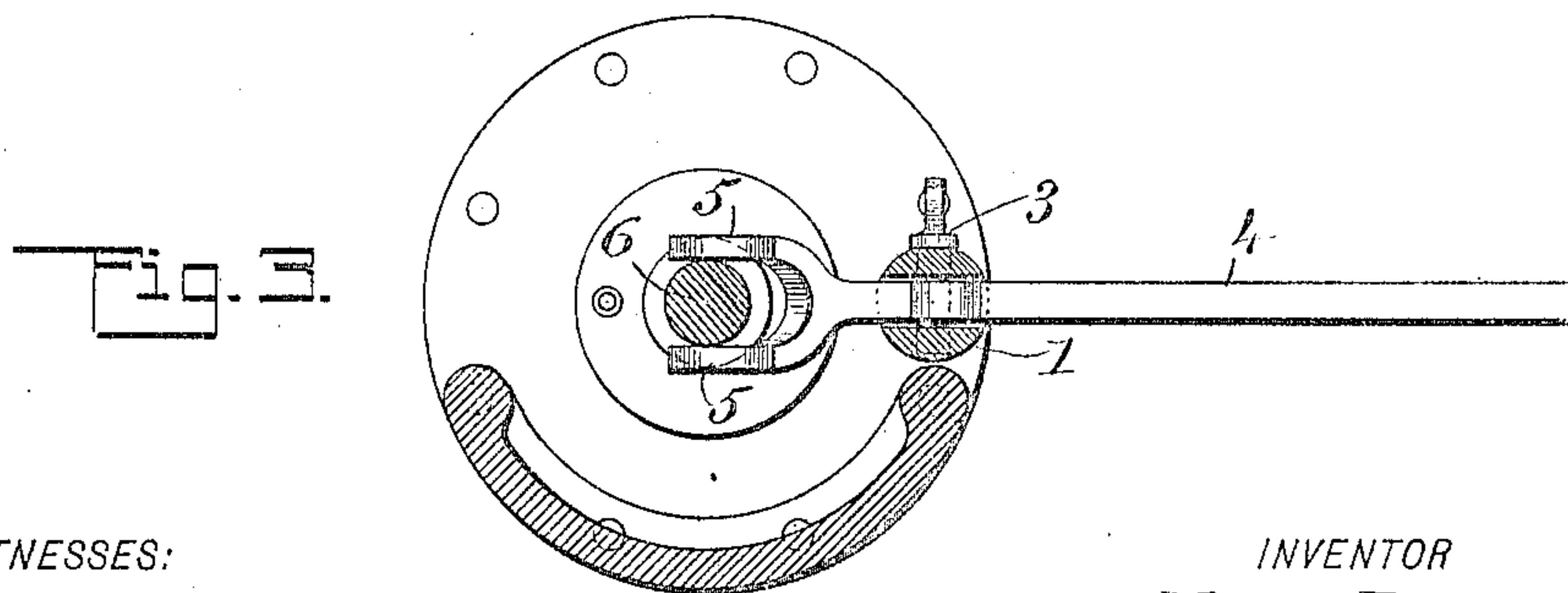
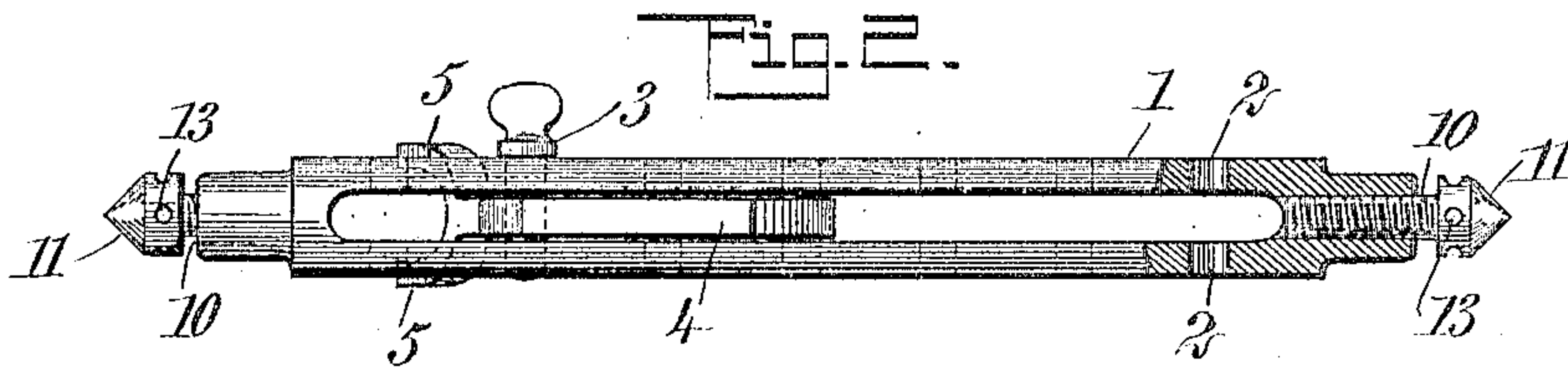
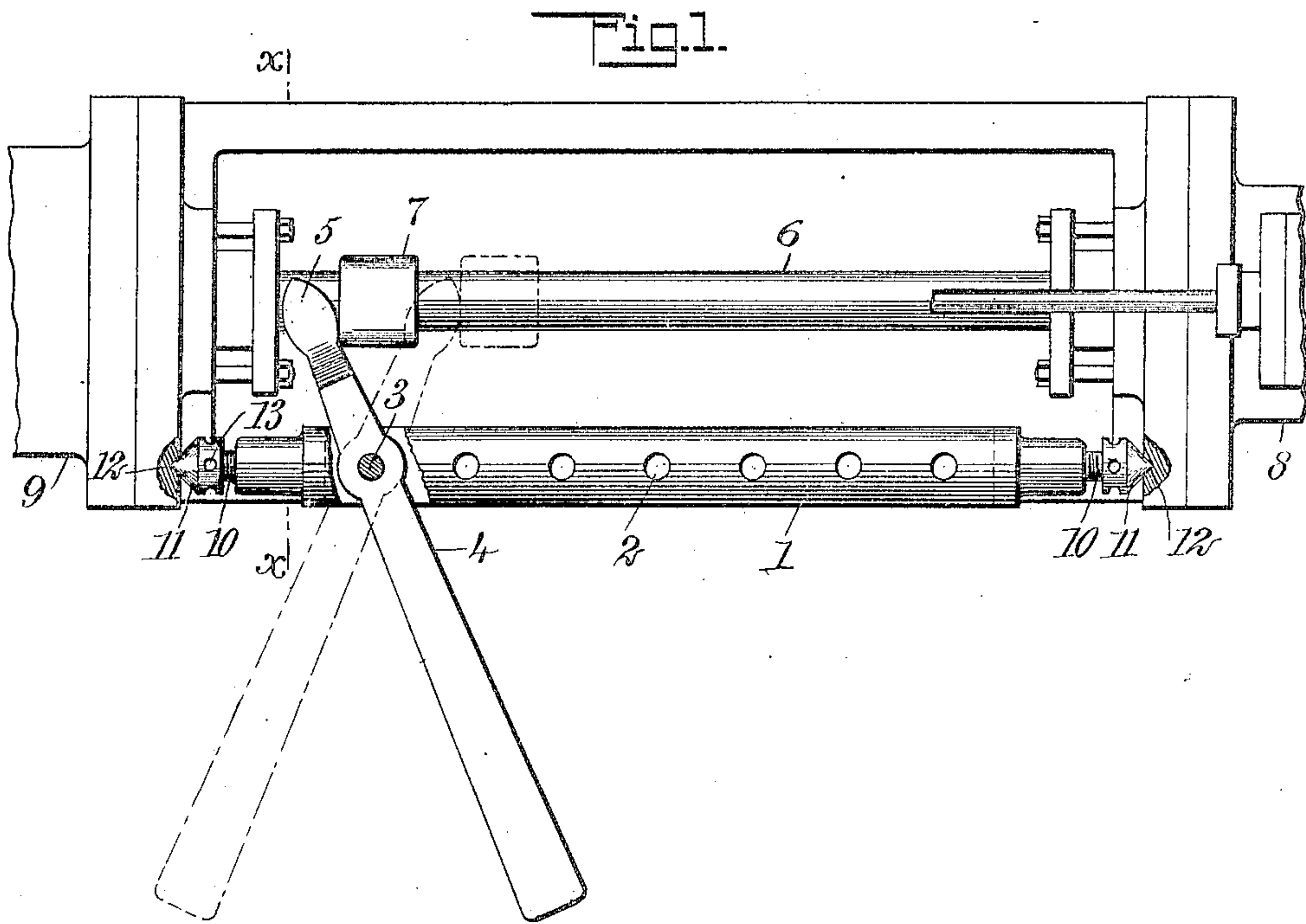


No. 813,158.

PATENTED FEB. 20, 1906.

H. LINKE.
PISTON ROD MOVING DEVICE.
APPLICATION FILED DEC. 21, 1905.



WITNESSES:

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HANS LINKE, OF NEW YORK, N. Y.

PISTON-ROD-MOVING DEVICE.

No. 813,158.

Specification of Letters Patent.

Patented Feb. 20, 1906.

Application filed December 21, 1905. Serial No. 292,748.

To all whom it may concern:

Be it known that I, HANS LINKE, a citizen of the United States, and a resident of the city of New York, borough of the Bronx, in the county and State of New York, have invented a new and Improved Piston-Rod-Moving Device, of which the following is a full, clear, and exact description.

This invention relates to improvements in devices for moving or adjusting a pump piston-rod while setting the valve therefor, the object being to provide a device for this purpose that will be simple in construction, portable, and readily placed in position for operation.

The purpose of a piston-rod-moving device is to enable an engineer to place the pump piston-rods at any desired position to facilitate the packing of the stuffing-boxes when it is necessary to remove the gland or follower or in order to set the pump-valves when the piston must be moved to a central position.

I will describe a piston-rod-moving device embodying my invention and then point out the novel features in the appended claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a plan showing a piston-rod-moving device embodying my invention and in position. Fig. 2 shows the device partly in section, and Fig. 3 is a section on the line *x x* of Fig. 1.

This device comprises a longitudinally-slotted fulcrum-bar 1, the opposite members of which are perforated, as indicated at 2, the perforations of the two members being in alinement, so as to receive a fulcrum-pin 3, on which the operating-lever 4 is mounted to swing, this lever being provided with spaced or forked members 5 for receiving the piston-rod 6 and engaging with the driving-block 7 thereon. This piston-rod 6, as is usual, connects with the plunger in the piston-cylinder 8 and with the piston in the steam-cylinder 9. At its ends the fulcrum-bar 1 is made tubular

and interiorly threaded to receive the adjusting-bolts 10, having pointed head portions 11 for engaging in depressions 12, that may be formed in the cylinder-heads, as clearly indicated in Fig. 1. The heads 11 are provided with perforations 13 for receiving a metal rod or the like for turning the bolts.

In operation the fulcrum-bar is to be engaged between the two piston-heads and the lever engaged with the driving-block and swung in the direction indicated by the dotted lines in Fig. 1. If desired, the position of the lever with relation to the fulcrum-bar may be changed by simply removing the fulcrum-pin and passing the same in either opposite perforations. When not in use, the lever may be removed and placed alongside of the bar, thus taking up but very little room.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. A piston-rod-moving device, comprising a fulcrum-bar, an adjusting-screw at the end thereof, a fulcrum-pin adjustable along the bar, and a lever mounted to swing on said pin.

2. A piston-rod-moving device, comprising a fulcrum-bar consisting of two spaced, perforated members, a pin for engaging in opposite perforations, and a driving-lever arranged to swing on said pin.

3. A piston-rod-moving device, comprising a fulcrum-bar, adjusting screw-bolts at the ends thereof, and a lever adjustable along the bar.

4. A piston-rod-moving device, comprising a longitudinally-slotted bar having transverse perforations, pointed adjusting screw-bolts at the end of the bar, a pin for engaging in opposite perforations, and a lever arranged to swing on said pin, the said lever having a bifurcated end.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

HANS LINKE.

Witnesses:

VAN CLEEF BISHOP,
FRED HULBERG, Jr.