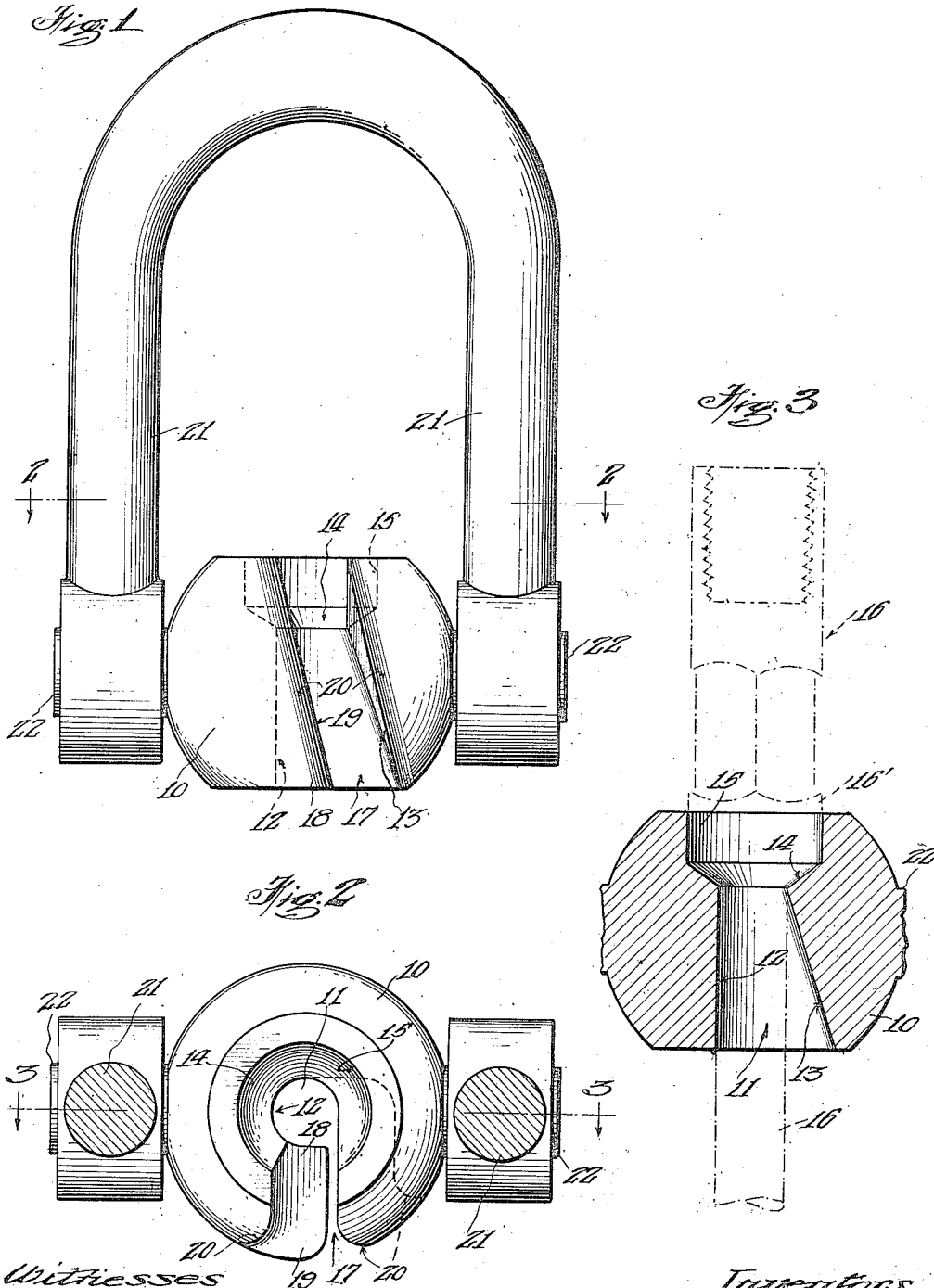


J. M. REGAN & A. PLANTE.
 DEVICE FOR ELEVATING PUMP RODS OR THE LIKE.
 APPLICATION FILED AUG. 23, 1912.

1.060,210

Patented Apr. 29, 1913.



Witnesses
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 Their Attorneys.

UNITED STATES PATENT OFFICE.

JOSEPH M. REGAN, OF LOS ANGELES, AND ARTHUR PLANTE, OF SANTA MONICA,
CALIFORNIA.

DEVICE FOR ELEVATING PUMP-RODS OR THE LIKE.

1,060,210.

Specification of Letters Patent.

Patented Apr. 29, 1913.

Application filed August 23, 1912. Serial No. 716,783.

To all whom it may concern:

Be it known that we, JOSEPH M. REGAN and ARTHUR PLANTE, both citizens of the United States of America, residing, respectively, at Los Angeles and Santa Monica, both in the county of Los Angeles, State of California, have invented a certain new and useful Device for Elevating Pump-Rods or the Like; and we do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to a device for elevating pipe, pump rods, or the like, and it may be said to consist in the provision of the novel features and in the novel and improved construction, arrangement and combination of parts in the device as will be apparent from the description and claims which follow hereinafter.

Objects of the invention are to provide a device of the character specified which is simple in construction, strong and durable, cheaply manufactured, adapted to be easily and quickly applied to or detached from the rods, and is convenient to use and effective in action.

Other objects and the advantages of the invention will be apparent to those skilled in the art from a consideration of the following description of one form of device embodying the invention, taken in connection with the accompanying drawings in which—

Figure 1 is an elevational view of a device embodying the invention; Fig. 2 is a view taken on the line 2—2 of Fig. 1, and Fig. 3 is a broken sectional view taken on the line 3—3 of Fig. 2—a pump rod being indicated in dotted lines.

The part 10 is formed with an opening 11 therethrough. As shown, the wall of the opening 11 may be straight on one side 12 and it may diverge downwardly on the opposite side 13. At the upper part the opening 11 may be of increased size to provide a shoulder 14 and a socket 15 for the enlarged upper end part 16 of a section of pump rod 16 indicated in Fig. 3.

In order that the section of pump rod 16 may be easily and quickly passed into the opening 11 through the part 10 and automatically held in position therein, a slot or passageway 17 may be provided which ex-

tends from the exterior of the part 10 to the opening 11 in such manner that a lip or shoulder 18 is provided to hold the rod 16 in place when said rod has been moved through the passageway 17 and into the opening 11. The passageway 17 may be formed slanting downwardly and preferably has the wall 19 thereof, which is adjacent to the wall 12, disposed to one side of the wall 12 to form the lip or shoulder 18 as shown. At the outer edges 20 of the passageway 17, the part 10 may be beveled or chamfered for convenience in passing the rod 16 into the passageway 17.

Any suitable or approved form of hoisting apparatus, not shown, may be operatively connected with the part 10, and such apparatus may be connected to the part 10 by means of the bail 21 which may have the end portion thereof pivotally mounted on pins 22 which may be provided on opposite sides of the part 10.

From the foregoing description it will be readily understood by those skilled in the art that the part 10 may be easily and quickly applied to or detached from the pump rod 16 by holding the part 10 at an angle to the pump rod and then moving the part 10 to pass the pump rod through the passageway 17. In applying the part 10 to the pump rod, it will be seen that after the part 10 has been moved to pass the pump rod 16 through the passageway 17, the part 10 may be caused to assume an upright position to have the pump rod 16 disposed in the opening 11 and back of the lip or shoulder 18. When pump rod 16 is disposed in the opening 11 and the part 10 is in upright position, the part 10 may be moved upwardly along the pump rod 16 to have the part 16 of the pump rod disposed in the socket 15 so that the device will act to elevate the pump rod when the upward movement of the part 10 is continued.

While one form of device embodying the invention has been illustrated and described, many changes and modifications thereof will readily occur to those skilled in the art and the right is therefore reserved to all such changes and modifications as do not depart from the spirit and scope of the invention as defined in the appended claims.

We claim:

1. In a device of the class specified, a part

formed with an opening therethrough, said opening being of increased size at one end and the wall thereof diverging at one side of the opening, and with a passageway extending from the exterior of the part to said opening to provide a shoulder for the purpose set forth.

2. A device of the class specified, comprising a part formed with an opening therethrough, said opening being of increased size at one end and the wall thereof diverging at one side of the opening, and with a passageway extending from the exterior of the part to said opening to provide a shoulder for the purpose set forth, pins on said part, and a bail pivotally mounted on said pins.

3. In a device of the class specified, a part formed with an opening therethrough, said opening being of increased size at one end and the wall thereof diverging downwardly at one side of the opening, and with a slanting passageway extending from the exterior

of the part to said opening to provide a shoulder for the purpose set forth.

4. In a device of the class specified, a part formed with an opening therethrough, said opening being of increased size at one end and the wall thereof diverging downwardly at one side of the opening, and with a slanting passageway extending from the exterior of the part to said opening to provide a shoulder for the purpose set forth, pins on said part, and a bail pivotally mounted on said pins.

In testimony whereof, we have signed our names to this specification in the presence of two subscribing witnesses at Los Angeles, county of Los Angeles, State of California, this 16th day of August A. D. 1912.

JOSEPH M. REGAN.
ARTHUR PLANTE.

Witnesses:

ALEX. H. LIDDERS,
FRED A. MANSFIELD.