J. PETERSON.

PIPE JACK OR HOLDER.

APPLICATION FILED FEB. 1, 1913.

1,081,513. Patented Dec. 16, 1913.

Fig. 1.

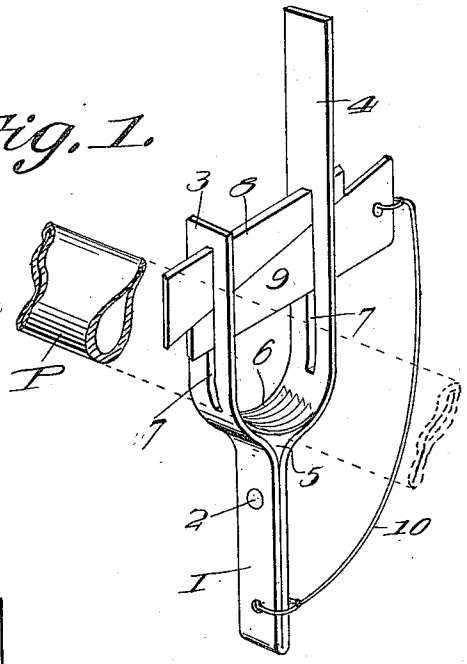



Fig. 2.

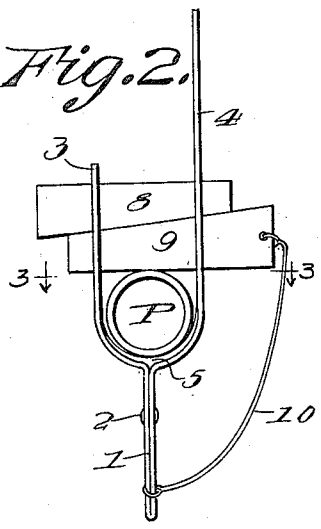
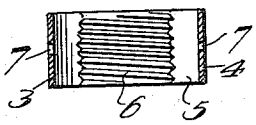



Fig. 3.



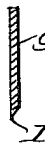




Fig. 4.

WITNESSES

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# UNITED STATES PATENT OFFICE.

JACOB PETERSON, OF WEBSTER, SOUTH DAKOTA.

## PIPE JACK OR HOLDER.

1,081,513. Specification of Letters Patent. Patented Dec. 16, 1913.

Application filed February 1, 1913. Serial No. 745,636.

*To all whom it may concern:*

Be it known that I, JACOB PETERSON, a citizen of the United States, residing at Webster, in the county of Day and State of South Dakota, have invented new and useful Improvements in Pipe Jacks or Holders, of which the following is a specification.

This invention relates to certain new and useful improvements in pipe jacks or holders, and the objects thereof are to provide a device of that type which is of simple and economical construction, and to generally improve the structure and increase the holding efficiency.

In the drawings: Figure 1 is a perspective view of the invention shown ready for use; Fig. 2 is an end elevation; Fig. 3 is a section on the line 3—3 of Fig. 2; and Fig. 4 is a cross-section of one of the wedges.

In proceeding in accordance with the present invention, a strip of metal, preferably steel, is doubled over upon itself at the desired point between its ends to form a shank 1, which is riveted at 2 to rigidly connect the doubled over portion. The free ends of the strip form arms 3 and 4 that are curved outwardly and disposed in spaced parallel relation, so that the resultant structure is of substantially U-shape. A curved jaw 5 is secured at the inner ends of the arms 3 and 4 and has its curved face roughened at 6 in order to effectively grip the pipe. The arms 3 and 4 are provided with alining longitudinal slots 7 which receive a pair of wedges 8 and 9 that have their adjacent sides abutting. The wedge 9 is connected by a flexible wire 10, or its equivalent, to the shank 1 in order to prevent separation of the two parts. The side of wedge 9 that engages the pipe is sharpened at 11 so as to obtain a firm hold thereon.

In operation, the jack is moved to straddle the pipe, after which wedge 9 has its edge 11 engaged with the pipe, whereupon wedge 8 is driven into engagement with wedge 9, causing the latter to grip the pipe between same and the curved jaw 5. By extending the arm 4 beyond the arm 3 as shown, two oppositely disposed hand grips are provided, one being formed by the arm 4 and the other by the shank 1.

What is claimed is:

1. In a pipe jack, a holder proper formed of a strip of metal doubled over upon itself and riveted to form a shank, the free ends of the strip being curved outwardly and forming parallel arms, one of the arms being extended beyond the other to provide a hand grip, the shank also providing a hand grip located opposite to the said arm, a curved serrated jaw at the juncture of the arms, each of said arms being longitudinally slotted, a pair of abutting wedges in the slots, and a flexible connection between one of the wedges and the shank.

2. In a pipe jack, a holder formed of a strip of metal doubled upon itself and riveted to form a shank, the free ends of the strip being curved outwardly to form a pair of spaced arms, one of the arms being extended beyond the other to provide a hand grip, the shank also providing a hand grip, each of the arms being longitudinally slotted, and a wedge in the slot.

3. In a pipe jack a holder of substantially U-shape having a depending shank, a curved serrated jaw at the base of the U, the arms of the U being slotted, and a wedge received in the slots of said arms, one of the arms being extended to form a hand grip, the shank providing a second hand grip.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

JACOB PETERSON,

Witnesses:
OLAF F. EKREN,
EINAR EKREN.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."