

No. 881,347.

PATENTED MAR. 10, 1908.

P. SCHLAGECK.
ATTACHMENT FOR PUMPS.
APPLICATION FILED JAN. 3, 1908.

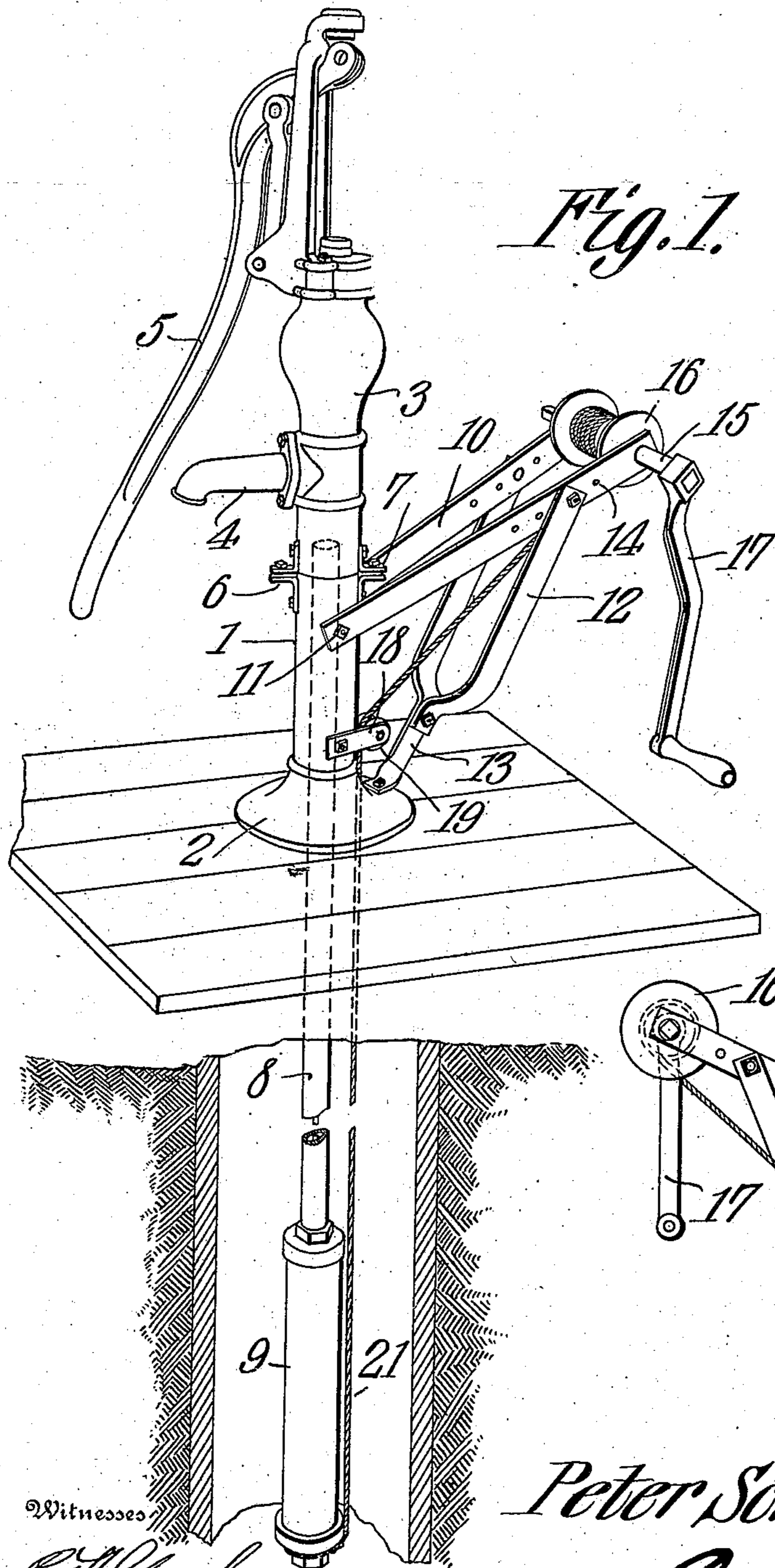


Fig. 1.

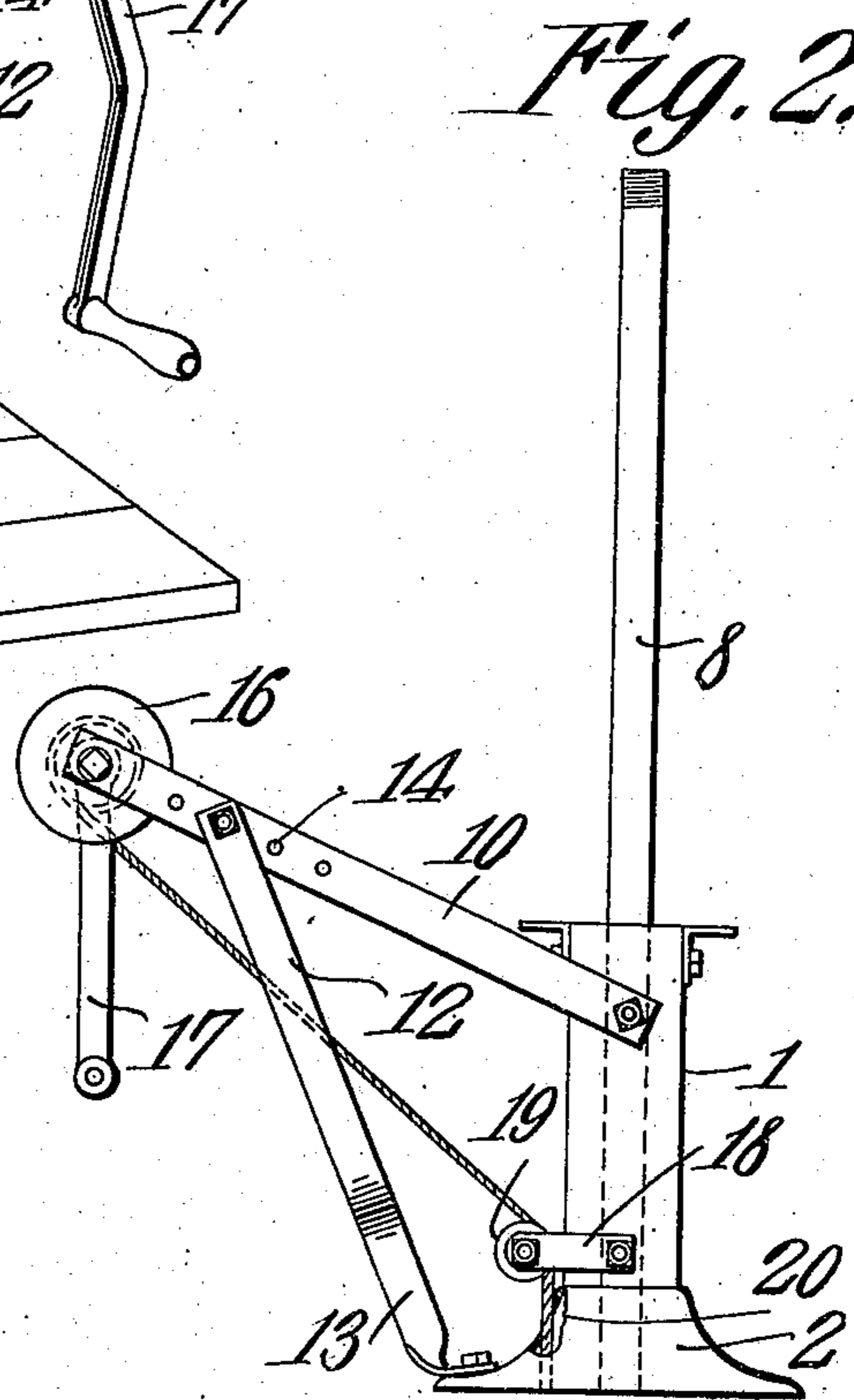


Fig. 2.

Witnesses
E. J. [Signature]
Herbert D. Lawson

Peter Schlageck.
By *C. A. Snow & Co.*
Attorneys

UNITED STATES PATENT OFFICE.

PETER SCHLAGECK, OF ANGELUS, KANSAS.

ATTACHMENT FOR PUMPS.

No. 881,347.

Specification of Letters Patent.

Patented March 10, 1908.

Application filed January 3, 1908. Serial No. 409,129.

To all whom it may concern:

Be it known that I, PETER SCHLAGECK, a citizen of the United States, residing at Angelus, in the county of Sheridan and State of Kansas, have invented a new and useful Attachment for Pumps, of which the following is a specification.

This invention relates to attachments for pumps, its object being to provide means whereby the head of the pump can be readily raised from the standard thereof and disconnected from the pipe entering the well so that repairs to the pump can be easily effected.

Another object is to provide an attachment of this character which is simple, durable, and efficient, and can be readily connected to a pump, the same being designed to constitute a permanent part thereof so that the pump head can be raised whenever desired for the purpose of detaching it.

With these and other objects in view the invention consists of certain novel features of construction and combinations of parts which will be hereinafter more fully described and pointed out in the claims.

In the accompanying drawings is shown the preferred form of the invention.

In said drawings: Figure 1 is a perspective view of the device applied to a pump, the well casing being shown in section. Fig. 2 is an elevation of the attachment showing the pipe held thereby in raised position.

Referring to the figures by characters of reference, 1 designates a tubular pump standard mounted on a base 2 in the usual manner and secured upon the standard is the pump head 3 to which the spout 4 and handle 5 are connected as ordinarily. The head is designed to rest upon the standard as clearly indicated in Fig. 1 and ears 6 extend in opposite directions from the standard and are designed to be bolted to similar ears 7 extending from the lower end of the head. The pipe 8 extending into the well has its upper end screwed into the head as ordinarily, said pipe extending from the cylinder 9 of the pump. Supporting strips 10 are secured to opposite portions of the standard 1 by means of bolts 11 which may be screwed into the standard and these strips may be provided with a brace 12 in the form of a yoke having a stem 13 which is bolted or otherwise fastened to the base 2. As shown in the drawings the strips may be formed with a plurality of openings 14 so that the brace can be

fastened thereto at any desired points. A shaft 15 is journaled in the outer ends of the strip 10 and carries a spool 16 located between said strips while a crank 17 or other suitable means is connected to one end of the shaft whereby the same may be readily rotated. Plates 18 are secured to opposite portions of the standard 1 near the base thereof and carry a sheave 19 located above an opening 20 drilled through the base 2. This opening is designed to receive a wire, cable or other flexible device 21 which extends over sheave 19 and is fastened at one end to the spool 16 while its other end is secured in any desired manner either to the pipe 8 or to the cylinder 9 fastened thereto.

When it is desired to detach the head 3 from standard 1 ears 7 on head 3 are detached from the ears 6 after which the cable or wire 21 is wound upon spool 16. Said wire or cable will therefore be pulled up along the pipe 8 and force it and the head 3 upwardly so that said head will be raised out of contact with standard 1. The pipe can then be held by means of a suitable wrench and by turning the head thereon it can be readily disconnected. As heretofore stated this device can be made a permanent part of the pump or if preferred only the cable or wire 21 can be used as a permanent part of the pump, the balance of the device being attached to the pump only when it is desired to detach the parts in the manner described.

By using a device such as herein described the danger of dropping the pipe into the well while removing the pipe head is entirely eliminated and the operation of disconnecting the parts is greatly facilitated.

What is claimed is:

1. In a pump the combination with a standard, a head detachably mounted thereon, and a pipe detachably connected to and depending from the head; of hoisting means carried by the standard and connected to the pipe.

2. In a pump the combination with a standard, a head detachably connected thereto, and a pipe detachably secured to and depending from the head; of winding means, a support therefor secured to the standard, and a connection between said winding means and the pipe.

3. In a pump the combination with a standard, a head detachably secured thereon, and a pipe detachably secured to and depending from the head; of supporting strips se-

cured to and extending beyond the standard, a brace therefor, a winding device carried by the strips, and a flexible connection between said device and the pipe.

- 5 4. The combination with a standard, a pump head detachably mounted thereon, and a pipe detachably secured to and depending from the head; of supporting strips extending from the standard, a brace adjustably connected thereto, a guide sheave carried by the
10 standard, winding means supported by the

strips, and a flexible connection between said means and the pipe, said connection extending over the guide sheave downward below the standard.

15

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

PETER SCHLAGECK.

Witnesses:

H. FELLHOELTER,

B. SCHLAGECK.