

J. CHERNE & J. F. SUNDERMEYER.

PUMP ATTACHMENT.

APPLICATION FILED APR. 24, 1903.

NO MODEL.

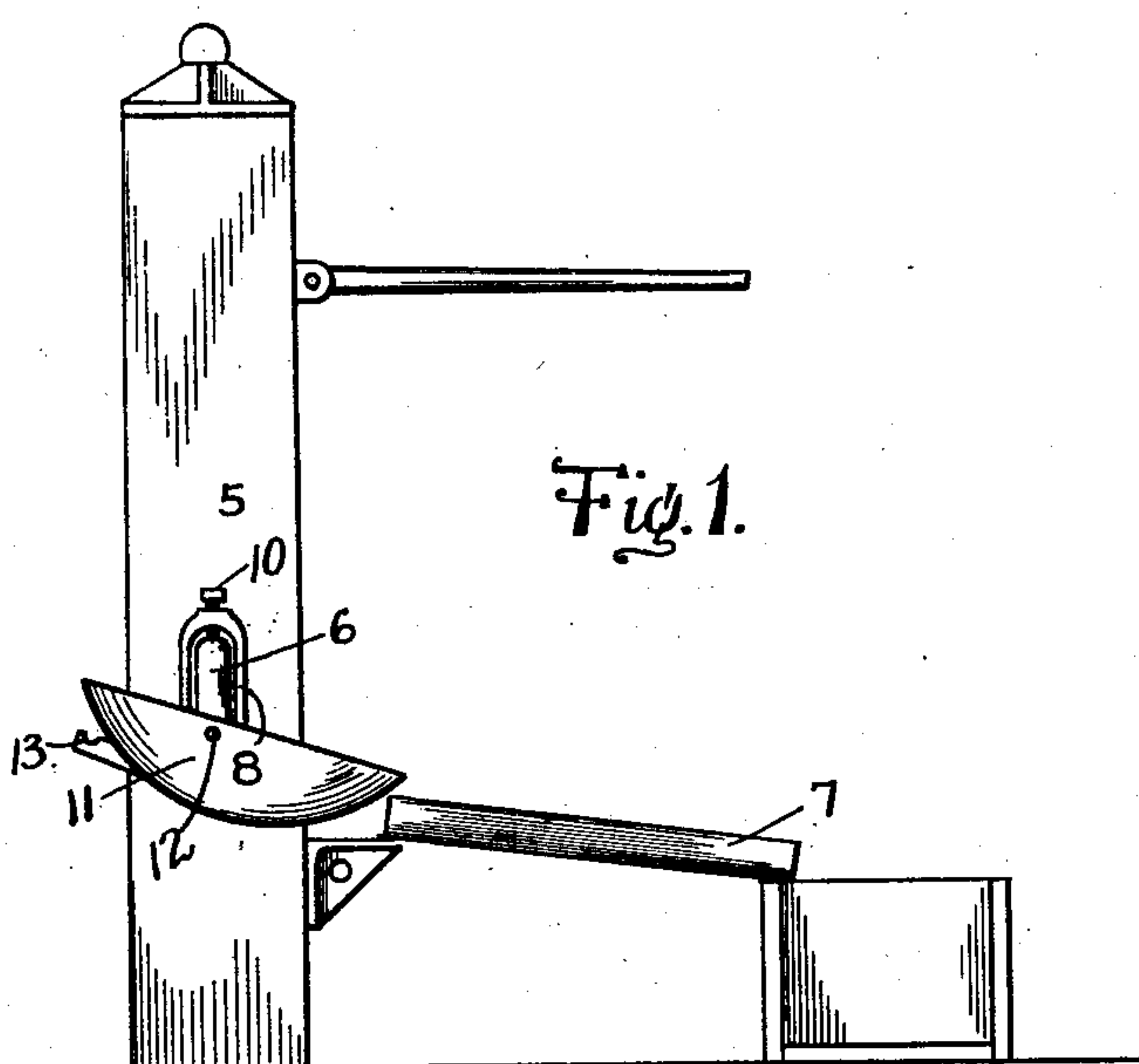


Fig. 1.

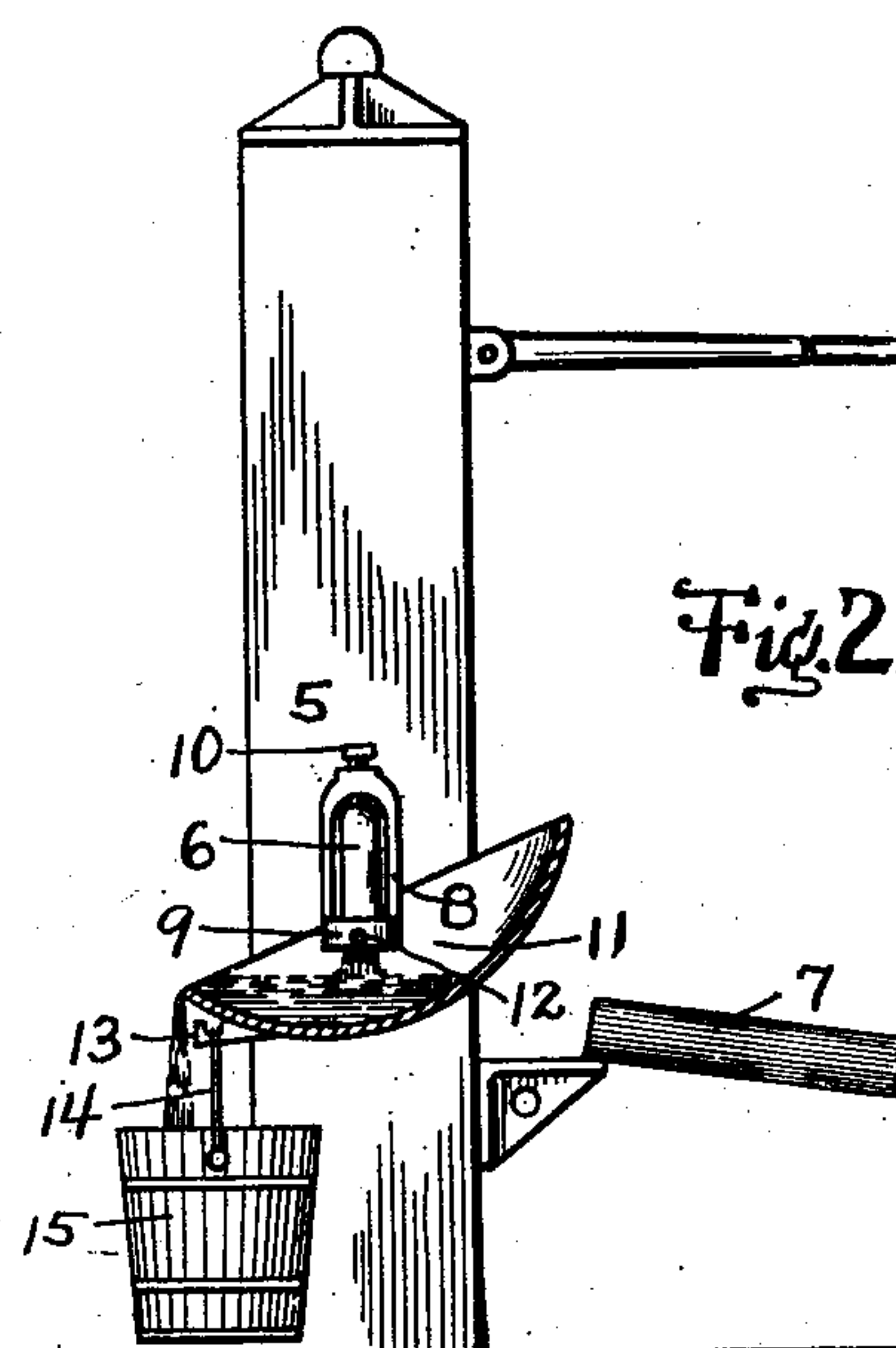


Fig. 2.

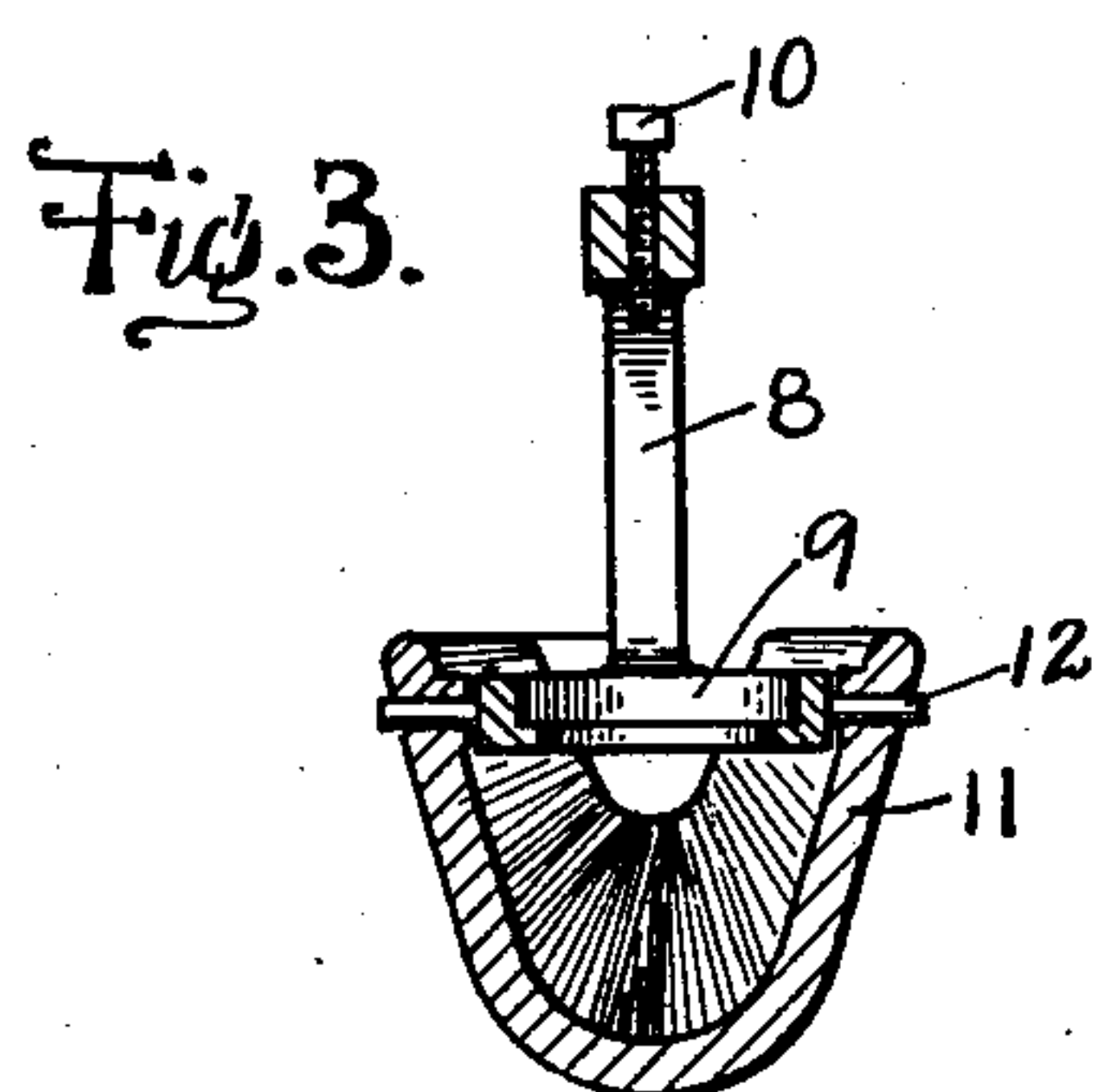


Fig. 3.

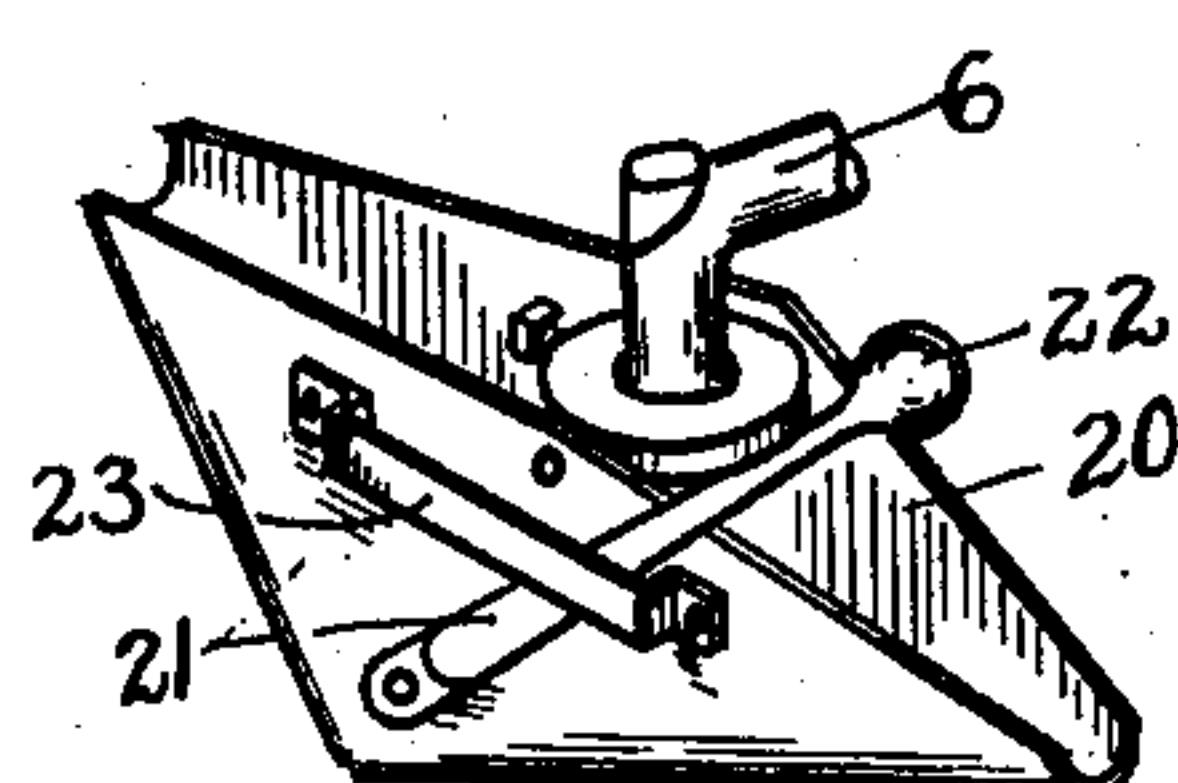


Fig. 5.

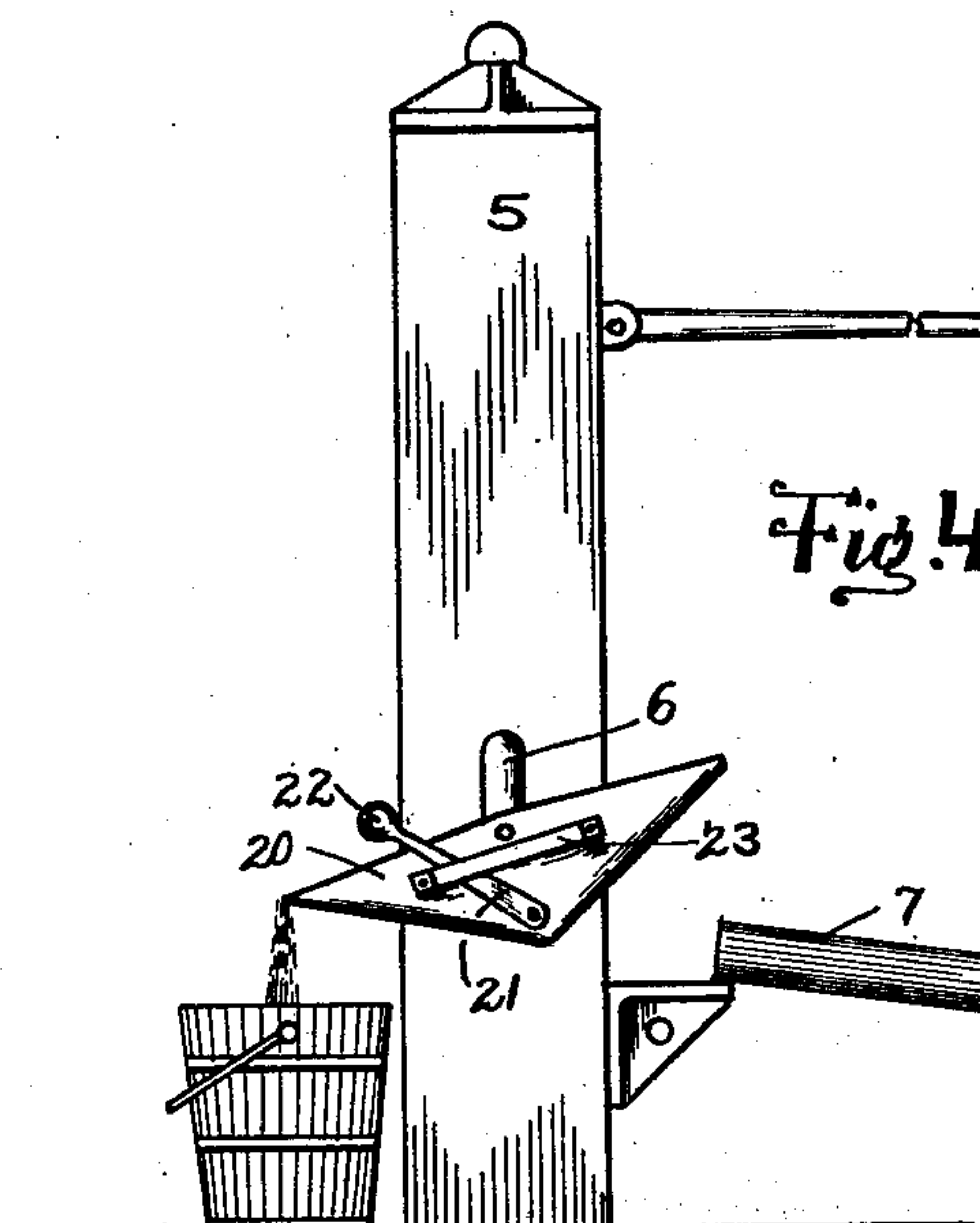


Fig. 4.

Witnesses  
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# UNITED STATES PATENT OFFICE.

JOHN CHERNE AND JOHN F. SUNDERMEYER, OF FENTON, IOWA.

## PUMP ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 747,374, dated December 22, 1903.

Application filed April 24, 1903. Serial No. 154,061. (No model.)

*To all whom it may concern:*

Be it known that we, JOHN CHERNE and JOHN F. SUNDERMEYER, citizens of the United States, residing at Fenton, in the county of Kossuth, State of Iowa, have invented certain new and useful Improvements in Pump Attachments; 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 pumps; and it has for its object to provide an attachment for the spout of a pump which may be shifted to cause discharge of water at either side of the pump, so that under normal conditions the water from the spout of the pump may run to a trough or other receiver and when desired may be caused to flow into a bucket or other receptacle.

A further object of the invention is to provide a construction wherein when the bucket is hung in position to receive the water the attachment will be automatically shifted to direct the water into the bucket and when the bucket is removed the attachment will resume its normal position.

In the drawings forming a portion of this specification, and in which like numerals of reference indicate similar parts in the several views, Figure 1 is a front elevation of a pump equipped with the present attachment in its normal position. Fig. 2 is a view similar to Fig. 1, with a bucket hung in place to receive water from the attachment, the pan of the attachment being in section. Fig. 3 is a section taken vertically through the attachment in the plane of the pivots thereof. Fig. 4 is a front elevation of a pump with a second form of an attachment embodying the invention. Fig. 5 is a perspective view of the modified form of the invention.

Referring now to the drawings, there is shown a pump including a stock 5, from which leads the usual spout 6, through which the water from the stock is discharged, and at one side of the pump there is illustrated a trough 7 for conveying the water from the pump to a distant point. At times it is desired that the water from the pump shall fall into the trough and that at other times it shall be

caught in a bucket, and for this purpose the present attachment is designed.

In the present instance the invention is illustrated as embodied in an attachment including a stirrup comprising the inverted-U-shaped plate 8, which is designed to fit over the spout of the pump and between the free ends of which plate is the ring or collar 9, which is adjusted to receive the extreme end of the spout and is held in this position by means of a set-screw 10, which is engaged through the upper portion of the plate 8 and is adapted to impinge against the top of the spout of the pump. In connection with the plate 8 and its collar or ring, which are preferably formed integral, is employed what may be termed a "pan" 11, which receives the ring or collar 9 and to which it is connected by pivot-screws 12 passed through the sides of the pan and engaged with the ring or collar. The ring or collar is pivoted nearer to one end of the pan than the other, so that one end of the pan hangs normally below the other end. The pan has the general shape of a semi-ovoid, and at the end or adjacent to the end of the pan which is normally raised is an upwardly-directed hook or lug 13, behind which the bail 14 of a bucket 15 may be engaged when the bucket is to be filled, the weight of the bucket serving to tilt and hold the pan in tilted position, so that the water that passes from the spout to the pan will run into the pail. When the desired quantity of water has been passed to the pail or bucket, the latter is removed from the pan, so that the pan is permitted to swing to its normal position to direct the water into the trough.

In Figs. 4 and 5 of the drawings there is shown a form of the invention comprising a pan 20 of double-scoop shape to one side of which and midway of its ends is pivoted the lower end of an arm 21, having a weight 22 at its upper end, said arm being pivotally movable to carry its weighted end to opposite sides of its pivot within the inclosure of the guide-strap 23, which is secured to the side of the pan over the arm. The ends of the guide-strap act as stops for the arm, and when the arm is shifted from one side of its pivot to the other the adjacent end of the pan is



held depressed, so that water which falls in the pan will be discharged at that end of the pan.

In practice other modifications may be made, and any suitable materials and proportions may be used for the various parts without departing from the spirit of the invention.

What is claimed is—

- 10 1. An attachment for pumps comprising a hanger and a pan pivotally connected with the hanger to hang normally in tilted position and adapted to discharge its contents at either side of the hanger.
- 15 2. An attachment for pumps comprising a hanger and a pan pivotally connected therewith to hang normally in tilted position and adapted to discharge at either side of the hanger, the normally elevated end portion
- 20 of the pan having means to receive and hold the bail of a receptacle.
3. An attachment for pumps comprising an elongated pan and a hanger for the pan pivoted thereto at a point to cause the pan to
- 25 hang normally in tilted position, said hanger comprising a plate having an opening therein to receive the spout of the pump and a set-screw engaged with the plate and adapted to impinge against the spout of the pump.
- 30 4. An attachment for pumps comprising an elongated pan and a hanger for the pan com-

prising an inverted-U-shaped plate having its lower ends pivoted to the sides of the pan at a point to cause the pan to tilt normally and a ring lying between the sides of the pan to receive the tip of the pump-spout over which the plate is engaged, and a set-screw engaged with the plate and adapted to impinge against the pump-spout.

5. An attachment for pumps comprising a hanger, and a pan pivoted to the hanger and adapted for tilting movement to discharge at either side of the hanger, said pan having means constructed and arranged to receive the bail of a receptacle at one side of the pan.

6. An attachment for pumps comprising an elongated pan and a hanger for the pan comprising an inverted-U-shaped plate having its lower ends pivoted to the sides of the pan and a ring lying between the sides of the pan to receive the tip of the pump-spout over which the plate is engaged and a set-screw engaged with the plate and adapted to impinge against the pump-spout.

In testimony whereof we affix our signatures in presence of two witnesses.

JOHN CHERNE.  
JOHN F. SUNDERMEYER.

Witnesses:

H. KRAUSE,  
S. B. GORDON.