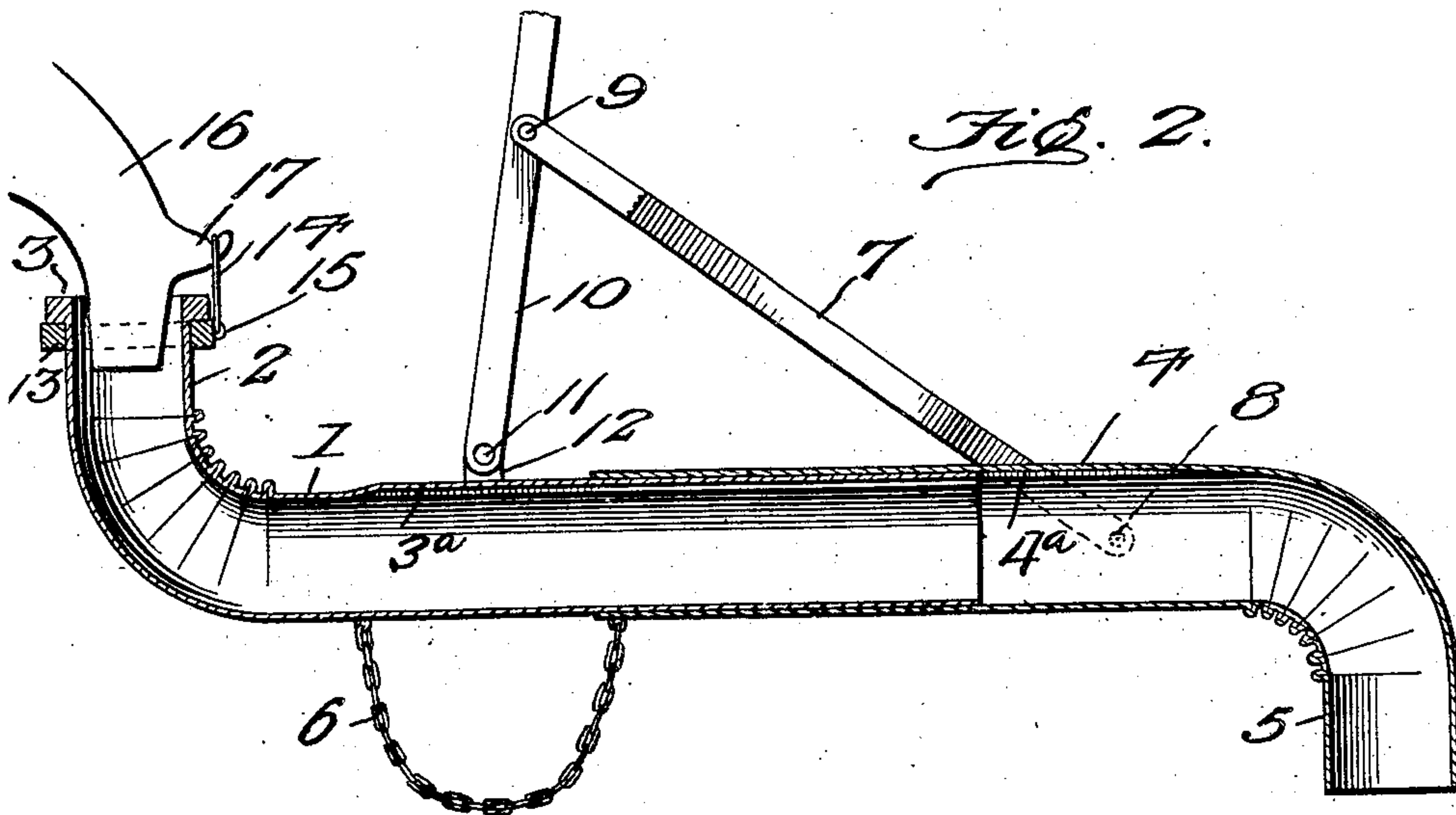
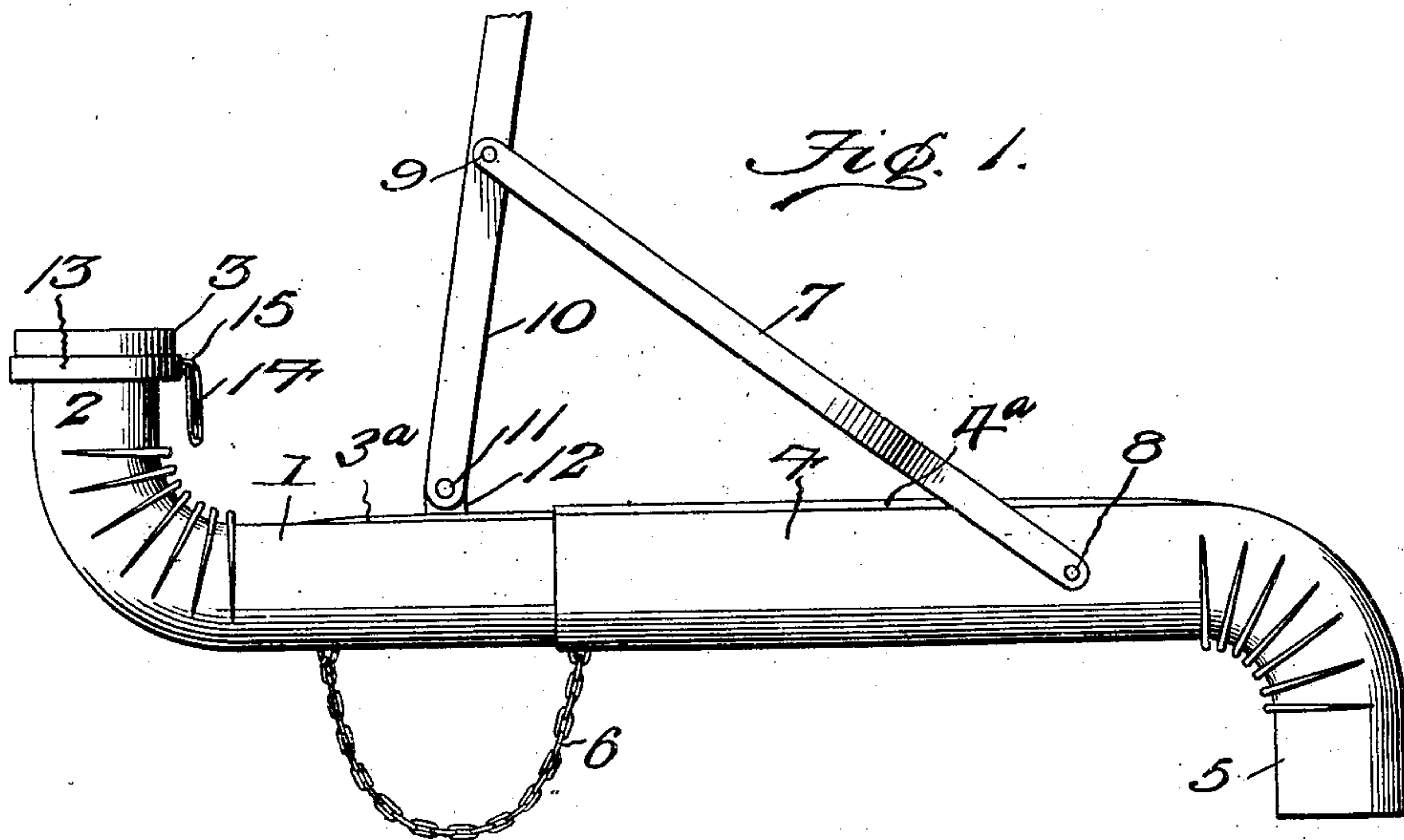


A. M. STEINWAND.
WHEY PUMP SPOUT.
APPLICATION FILED MAY 13, 1907.

925,242.

Patented June 15, 1909.



Ambrose M. Steinwand ^{Inventor}

Witnesses
W. J. Koertke
W. J. Koertke

By *Victor J. Evans*
Attorney

UNITED STATES PATENT OFFICE.

AMBROSE M. STEINWAND, OF COLBY, WISCONSIN.

WHEY-PUMP SPOUT.

No. 925,242.

Specification of Letters Patent.

Patented June 15, 1909.

Application filed May 13, 1907. Serial No. 373,363.

To all whom it may concern:

Be it known that I, AMBROSE M. STEINWAND, a citizen of the United States of America, residing at Colby, in the county of Marathon and State of Wisconsin, have invented new and useful Improvements in Whey-Pump Spouts, of which the following is a specification.

This invention relates to whey pump extension spouts, and one of the principal objects of the same is to provide a detachable extension spout for a whey pump for use in cheese factories in which the detachable spout is provided with means for swinging the same laterally to discharge the contents passing through the spout into cans on a wagon without moving the wagon.

Another object of the invention is to provide a detachable spout for a whey pump which can be swung laterally and extended or moved longitudinally upon a telescopic joint.

These and other objects may be attained by means of the construction illustrated in the accompanying drawing, in which:

Figure 1 is a side elevation of a detachable spout made in accordance with my invention. Fig. 2 is a longitudinal vertical section of the same, the spout being shown attached to the discharge nozzle of the pump.

Referring to the drawing for a more particular description of my invention, the numeral 1 designates the inner section of the spout, formed preferably of sheet metal, and having an upturned end 2, terminating in an annular flange 3. The section 1 has a portion at its top stamped outwardly to form a longitudinally extending rib 3^a. The outer section or pipe 4 of the spout is of a size at its inner end to fit the outer end of the section 1, and to slide thereon, said section 4 being provided with a downturned discharge end 5. The outer section 4 has a portion at its top stamped outwardly to form a longitudinally extending groove 4^a. A chain or other flexible connection 6 is connected at one end to the pipe section 4, and at its opposite end to the pipe section 1. A forked connecting rod link 7 is pivotally connected at 8 to the opposite sides of the

pipe section 4, and the upper end of the rod link 7 is pivotally connected at 9 to a lever 10 pivoted at 11 to lugs 12 formed on or secured to the pipe section 1. A ring 13 is loosely mounted upon the upturned end 2 of the pipe section 1 immediately under the annular flange 3, and connected to the ring 13 is a wire loop 14 pivoted to an eye 15 on the ring 13.

The discharge nozzle 16 of a whey pump is provided with an outwardly projecting support 17, and the wire loop 14 connected to the ring 13 is engaged with the shoulder 17 to hold the detachable spout in position for receiving the whey as it passes out of the nozzle 16. The spout can be swung laterally owing to the loose connection of the ring 13 with the upturned end 2 of the pipe section 1, and whey cans resting in a wagon can be filled by swinging the spout laterally and by moving the telescopic section 4 in and out by means of the lever 10.

The provision of the rib 3^a and the groove 4^a is such as to prevent buckling of the lever 10 and the yoke 7 to permit of perfect sliding movement of the sections as will be understood.

From the foregoing it will be obvious that a spout made in accordance with my invention, is comparatively simple in construction, can be readily attached to the pump nozzle and readily detached therefrom, that the spout may be swung laterally and extended to bring the discharge end 5 in proper position to discharge in any of a number of cans in the wagon.

The lever arrangement shown and described for extending and contracting the extension spout in length, enables the operator while standing on a platform near the nozzle of the pump, to vary the length of the extension spout according to requirements and properly direct the discharge of the whey into the numerous receptacles located at varying distances from the nozzle of the pump.

Having thus described the invention, what I claim is:

An extension spout comprising two telescopic sections arranged to slide one upon

the other, a hand-operated lever pivotally mounted on the inner section, and a link connecting the lever with the other section whereby the operator, by means of said lever
5 may extend and contract the spout in length and swing the spout upward, downward and laterally to either side.

In testimony whereof, I affix my signature in presence of two witnesses.

AMBROSE M. STEINWAND.

Witnesses:

A. STEINWAND,
W. J. GEORGE.