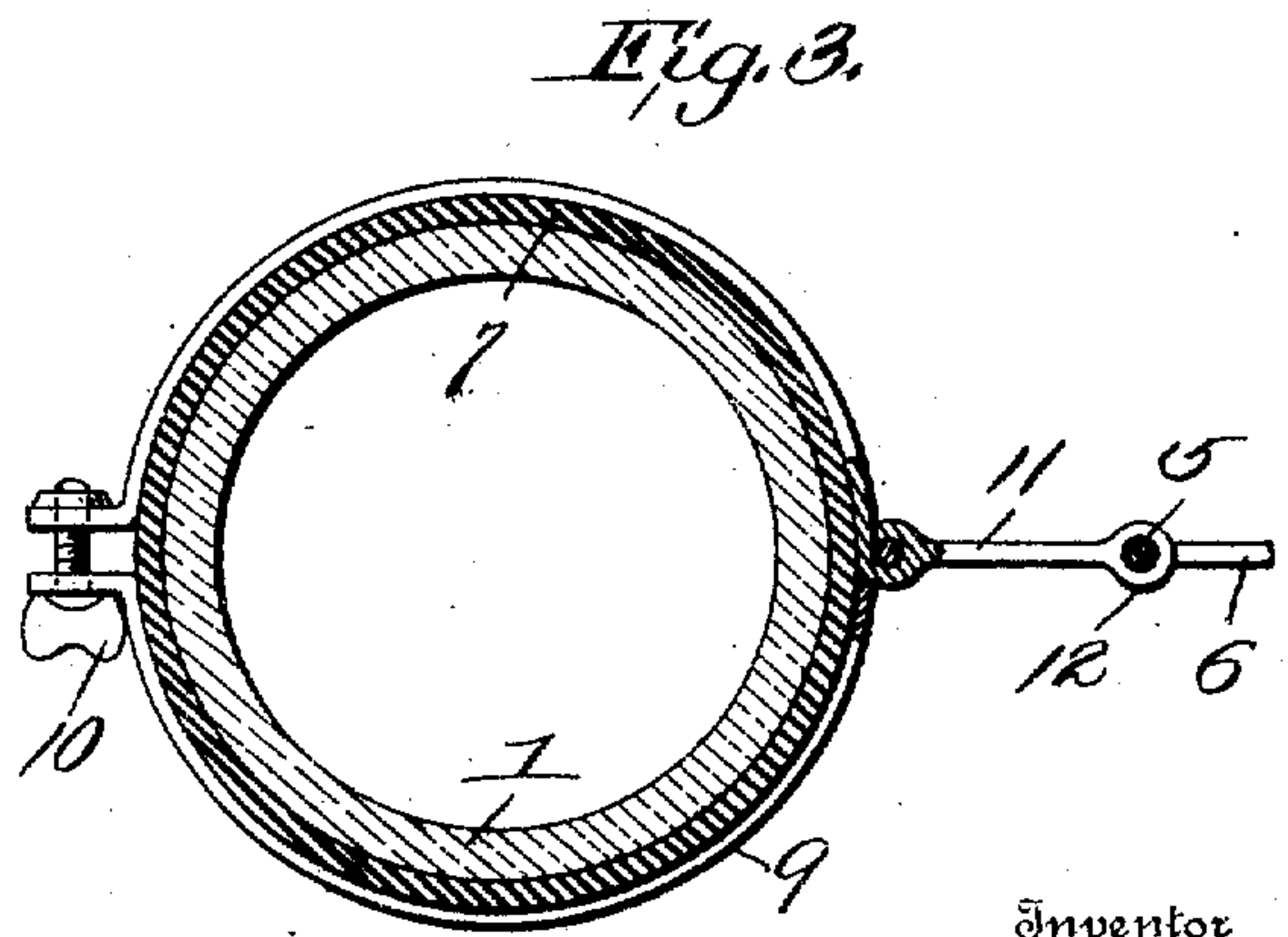
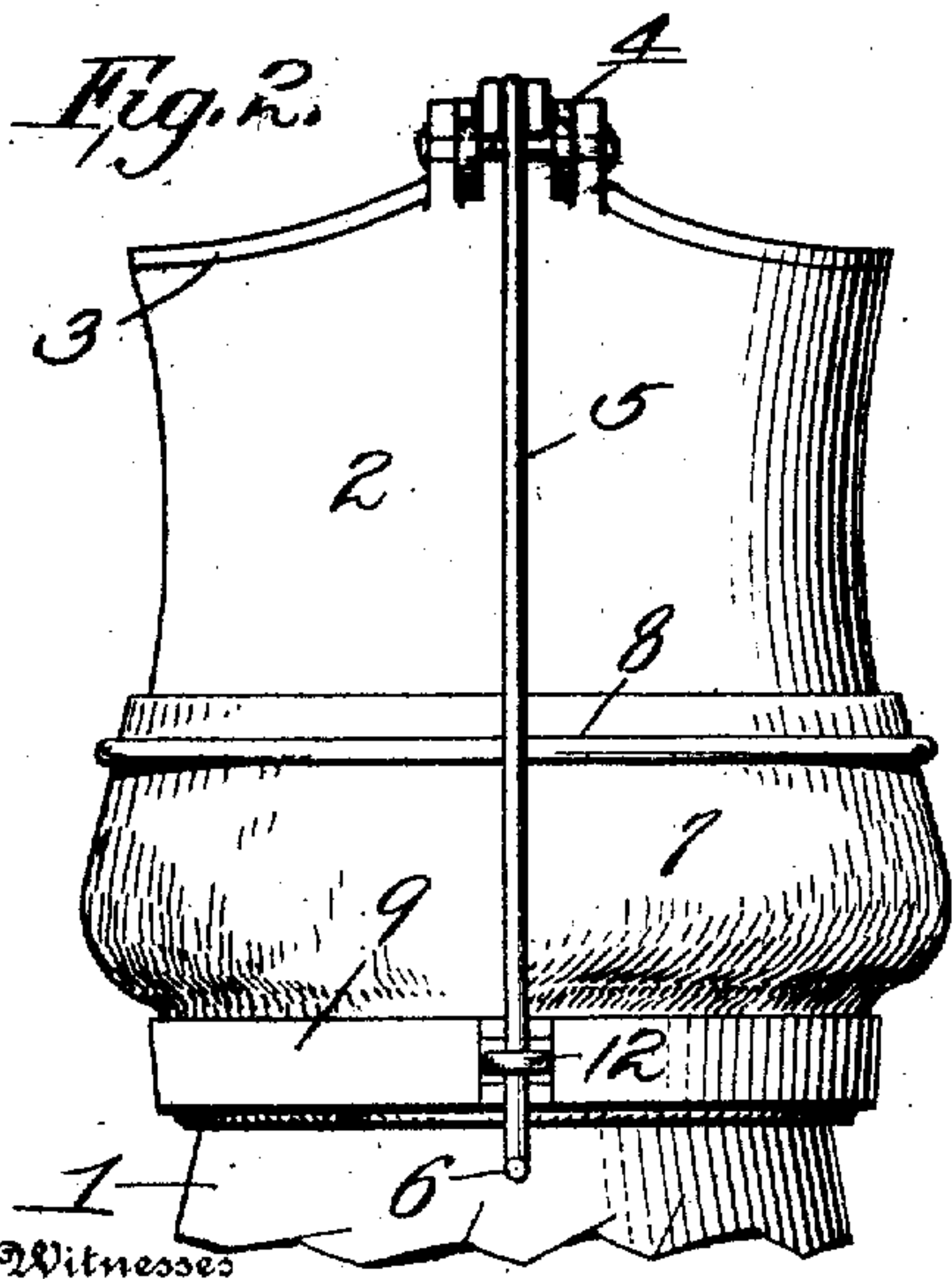
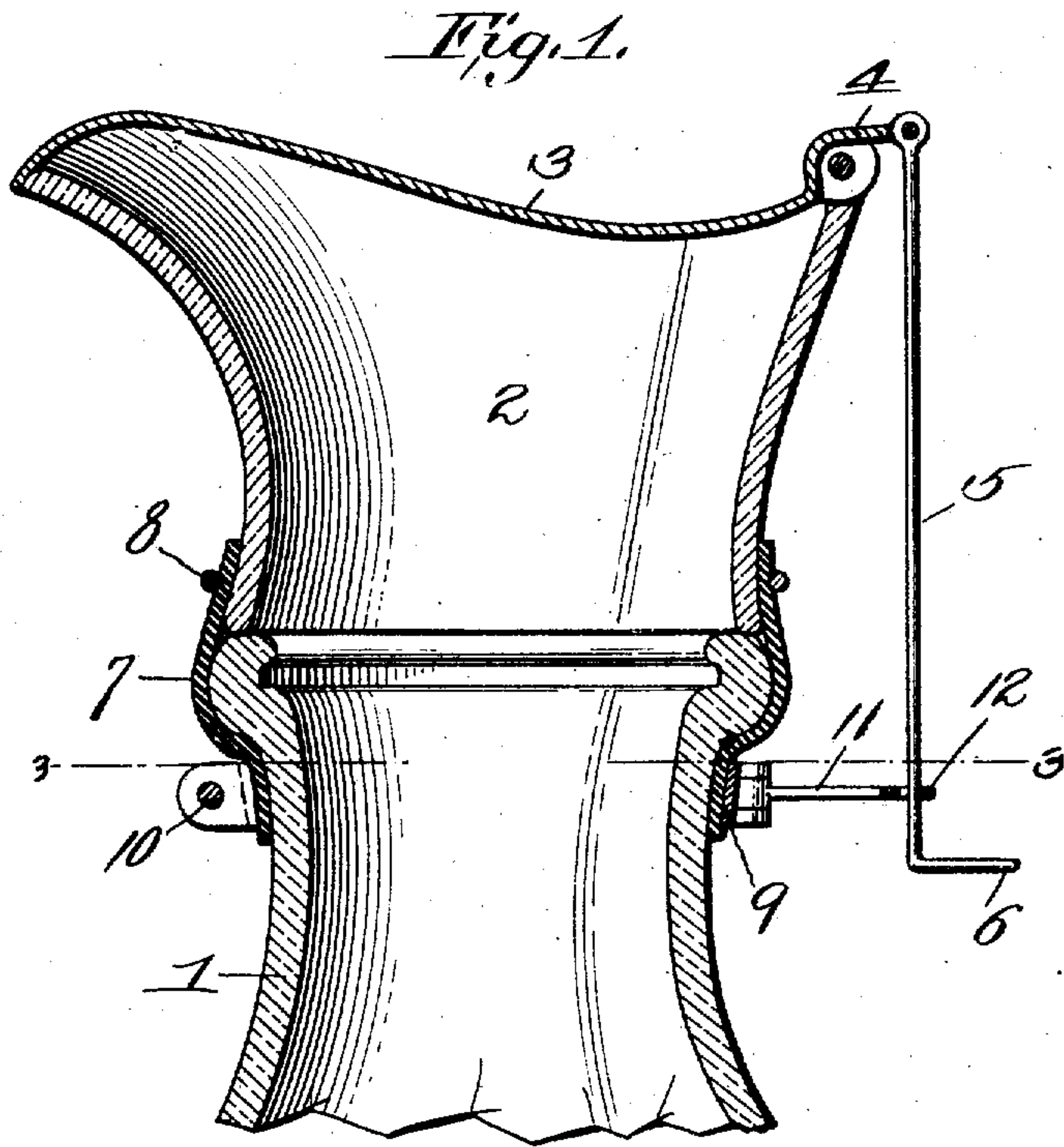


T. J. REYNOLDS.
ATTACHMENT FOR MILK BOTTLES.
APPLICATION FILED SEPT. 14, 1909.

958,312.

Patented May 17, 1910.



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UNITED STATES PATENT OFFICE.

THOMAS JOSEPH REYNOLDS, OF BESSEMER, ALABAMA.

ATTACHMENT FOR MILK-BOTTLES.

958,312.

Specification of Letters Patent.

Patented May 17, 1910.

Application filed September 14, 1909. Serial No. 517,694.

To all whom it may concern:

Be it known that I, THOMAS J. REYNOLDS, a citizen of the United States, residing at Bessemer, in the county of Jefferson and State of Alabama, have invented a new and useful Improvement in Attachments for Milk-Bottles, of which the following is a specification.

This invention relates to an attachment for milk bottles, jars or the like, whereby the bottle or jar is practically converted into a pitcher having a hinged cover. This enables the contents of the bottle or jar to be easily poured out without danger of its 15 spilling or running down the outside of the bottle or jar, and also provides the bottle or jar with an easily opened and closed cover in place of the paper cap or other closure ordinarily used.

The main object of the invention is to provide an attachment of this kind which can be quickly applied to and detached from an ordinary milk bottle or jar, so that one attachment can be used successively with a 20 large number of bottles and jars.

The invention consists of the novel features of construction, combination and arrangement of parts hereinafter fully described, pointed out in the claims and shown in the accompanying drawings, in which, 30 Figure 1 is a vertical sectional view. Fig. 2 is a rear elevation and, Fig. 3 is a section on the line of 3—3 of Fig. 1.

In illustrating the invention I have shown it applied to a milk bottle, although it can be readily adapted for use with jars, jugs, or other receptacles similar thereto.

It will be understood that the attachment can be made in various sizes to fit recep- 40 tacles having different diameters.

In these drawings, 1 represents a milk bottle and 2 represents a pitcher shaped mouth-piece, which opens downwardly having no bottom, and which is provided with a spring hinged cover 3, similar in construction to the covers usually found upon syrup 45 pitchers. These covers are usually provided with a rearwardly extending thumb-piece 4, the cover opening by pressure of the thumb upon said piece. To this piece I pivotally attach a cover operating rod 5 provided at its lower end with an angled 50 finger piece 6.

The mouth-piece 2 can be secured upon the bottle in a number of different ways

and for purposes of illustration I have shown a flexible water tight sleeve 7, preferably of rubber which is secured to the mouth-piece 2 by any desired means, such as a ring 8, and the flexible sleeve 7 extends downwardly over the bottle or jar 1. Below the usual flange found upon bottles of this kind I clamp a split ring 9, the ring being hinged upon one side, and having the usual thumb-screw 10 to draw its free ends 65 together. This ring fits over the lower portion of the sleeve 7 and firmly locks the sleeve and also the mouth-piece 2 upon the bottle. An arm 11 extends horizontally from the hinged side of the clamp and carries at its outer end an eye 12 through which the operating rod 5 works. 70

It will be obvious that the user can hold the glass or pitcher in the left hand, and take the bottle up in the right hand, and by drawing downwardly upon the rod 5 with the forefinger can lift the cover 3, and readily pour out any part of the contents of the bottle. By loosening the thumb-screw 10 and disengaging the free ends of the clamp- 80 ing ring 9 the device can be at once removed from one bottle and readily applied to the neck portion of another.

What I claim is:—

1. A device of the kind described comprising a pitcher shaped mouth-piece, opening downwardly, and adapted to rest upon the top of a jar or bottle, a flexible sleeve carried by said mouth-piece adapted to fit over the upper portion of the bottle or jar, 90 means for temporarily locking said sleeve in position, a hinged lid carried by the mouth-piece, and an operating rod depending from said cover to a point below said mouth-piece, as and for the purpose set 95 forth.

2. The combination with a bottle or jar, of a mouth-piece adapted to rest thereon, a hinged cover for said mouth-piece, a sleeve connected to the mouth-piece and adapted to inclose the upper portion of a bottle or jar, a clamping ring for clamping said sleeve to the bottle or jar, and a depending rod operatively connected to the hinged cover and angled at its lower end to form a finger 105 piece.

3. The combination with a bottle, of a pitcher shaped mouth-piece, a hinged lid mounted on said mouth-piece, a flexible sleeve, a ring holding said sleeve upon said 110

mouth-piece, a split clamping ring for locking said sleeve to the bottle, and a depending cover operating rod.

4. The combination with a bottle, a
5 pitcher shaped mouth-piece, a hinged cover for said mouth-piece, a flexible sleeve carried by the mouth-piece, a split clamping ring for locking said sleeve over the upper portion of the bottle, an arm carried by said

clamping ring, a guide eye formed at the 10
outer end of the arm, and a depending rod pivotally connected to the hinged cover at its upper end and working through said guide eye, as and for the purpose set forth.

THOMAS JOSEPH REYNOLDS.

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