

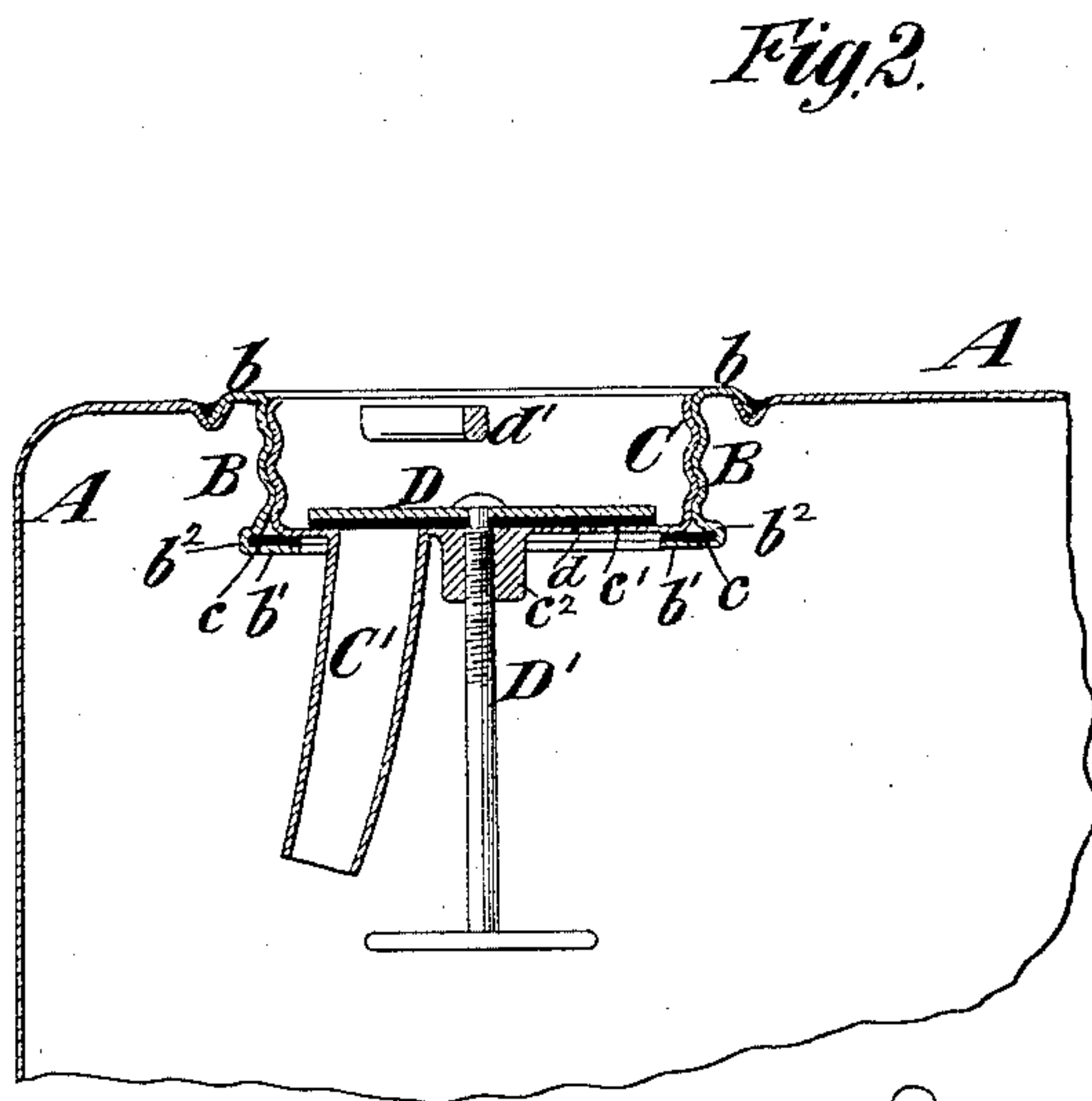
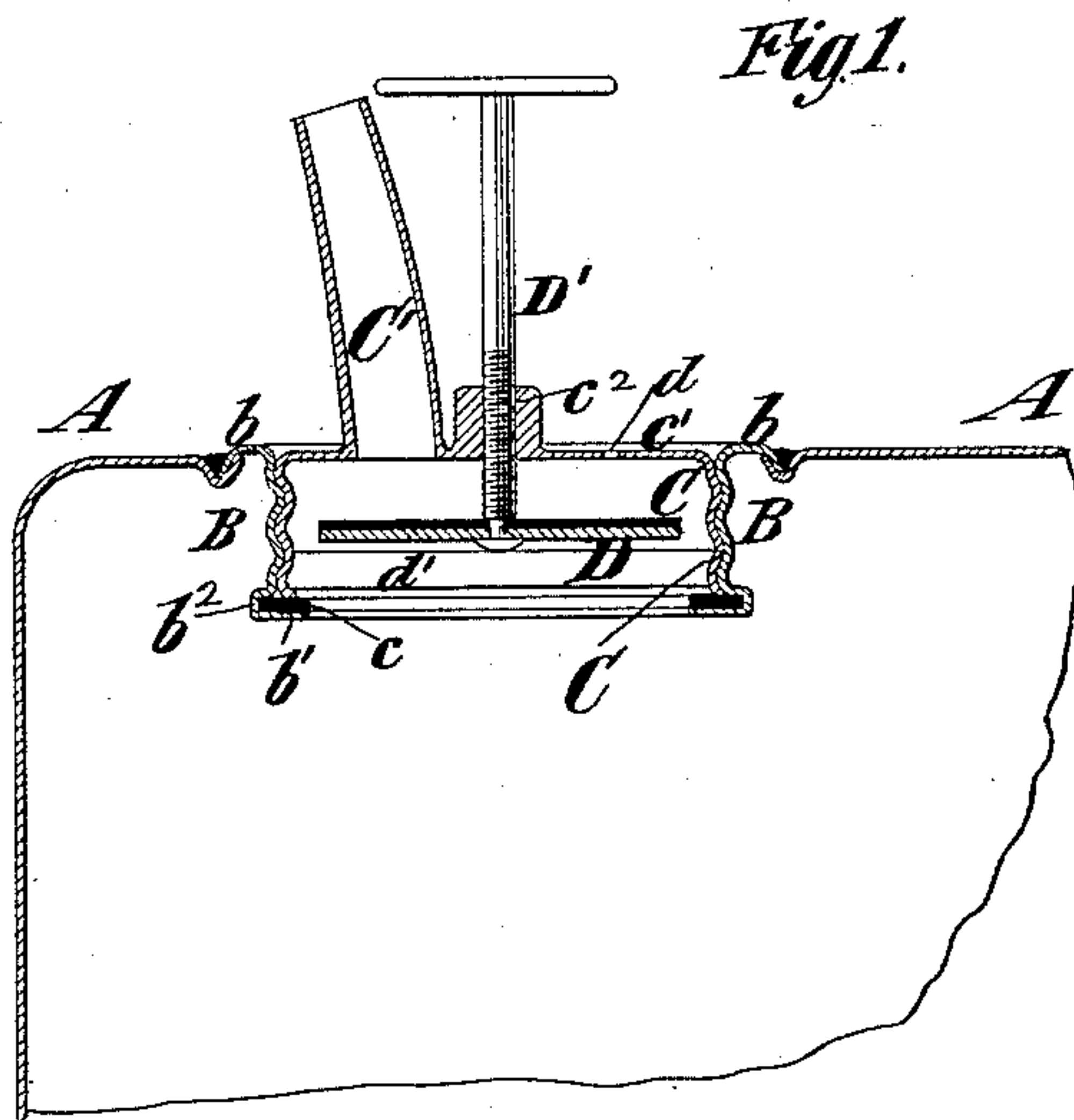
(No Model.)

J. MARSHALL.

FAUCET FOR SHIPPING CANS, &c.

No. 348,756.

Patented Sept. 7, 1886.



Witnesses.
Emil Hjort.
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UNITED STATES PATENT OFFICE.

JOHN MARSHALL, OF BROOKLYN, NEW YORK.

FAUCET FOR SHIPPING-CANS, &c.

SPECIFICATION forming part of Letters Patent No. 348,756, dated September 7, 1886.

Application filed May 4, 1886. Serial No. 201,035. (No model.)

To all whom it may concern:

Be it known that I, JOHN MARSHALL, of Brooklyn, in the county of Kings and State of New York, have invented a new and useful
5 Improvement in Faucets for Shipping-Cans and other Vessels, of which the following is a specification.

My invention is applicable to metal cans and cases or vessels in which oil or other liquids
10 are put up for shipment and use, and from which the liquid may be drawn from time to time as may be required.

The invention relates to that class of faucets or can attachments in which the can is provided
15 with a screw-threaded socket and a reversible bung adapted to be screwed either side up into the screw-threaded socket, and having a spout projecting from its closed end, and a valve contained within the bung and operated by a
20 screw-rod passing through the closed end of the bung in order to close it on the closed end of the bung and over the pouring spout, or to move it away from the closed end of the bung to open the pouring-spout. An example of
25 such faucet or can attachment is shown in my United States Letters Patent No. 315,153, dated April 7, 1885.

The faucet or attachment which forms the subject of my present invention differs from
30 that shown in the above patent in that in my present invention the screw-threaded bung-socket projects entirely within the can or vessel and has its outer end substantially flush with the exterior thereof, so that when the
35 bung is reversed in position to bring the pouring-spout within the can the attachment has no projection whatever from the exterior of the can. The screw-threaded socket has at its inner end an inwardly-turned flange, which
40 supports a packing-washer on which the reversible bung bears, and I now construct the socket with an annular groove or enlargement of greater diameter than the screw-thread, and into which the packing-washer fits, and by
45 which said washer is retained in position and held in place when the bung is screwed down upon it.

In the accompanying drawings, Figure 1 represents a portion of a can having my im-
50 proved attachment applied thereto, the bung being shown in the position which it occupies when liquid is to be drawn from the can and

the valve being open; and Fig. 2 is a similar view, with the bung shown in its reverse position to close the can for shipment and the
55 valve being closed upon its seat over the pouring-spout.

Similar letters of reference designate corresponding parts in both figures.

A designates a portion of the top of a metal
60 can or other vessel which is provided with a screw-threaded socket, B. This socket may be made separate from the can and of sheet metal, and the screw-thread thereon may be
65 formed by a spinning operation, as is usual in attachments of this class. The socket B, if made separate from the can, may have at its
70 outer end an outwardly-extending flange, b' , which overlies the portion of the can-top immediately around the hole through which the
75 socket projects and is soldered to the can-top. This socket B projects entirely within the can or vessel, and at its outer end is substantially
80 flush with the top or external wall of the vessel, so that when the can is closed for shipment, as represented in Fig. 2, the faucet or at-
85 tachment will have no projection whatever beyond the top of the can. The socket B has at its inner end an inwardly-turned flange, b' , and is provided at the upper surface of said
85 flange with an outwardly-projecting annular groove, b^2 , larger in diameter than the screw-thread of the socket, and serving to retain in place a leather or other packing washer, c ,
85 which rests upon the flange b' .

C designates a reversible bung, which may also be of sheet metal, and has formed upon it by spinning or otherwise a screw-thread which fits the screw-threaded interior of the socket B. This bung C is closed at the end c' , and
90 from that closed end extends a pouring-spout, C' . Within the bung C is a valve, D, which may be faced with leather or other material, and which closes on the closed end c' of the
95 bung over the entrance to the pouring-spout C' . This valve is operated by a screw-threaded rod, D' , working through the closed end c' of the bung. As here represented, the screw-threaded rod D' is permanently secured to the
100 valve D, and works in a nut formed in the hub c^2 upon the closed end of the bung C. As here represented, the valve D also controls a vent-opening, d , in the closed end of the bung.

When the can is filled for shipment, the valve

D is closed tightly against the closed end c' of the bung C, and the latter is screwed into the socket B in the position shown in Fig. 2, the bung being provided with a cross-bar, d' , whereby it may be turned by the fingers. When the can is received by the consumer, the faucet or can attachment is adjusted to the position shown in Fig. 1, in order to provide for the draft of liquid from the can in quantity as desired. To effect this adjustment the bung C, which was in the position shown in Fig. 2, is unscrewed from the socket B, reversed in position, and again screwed into the socket in the position shown in Fig. 1. When it is desired to draw liquid from the can, the valve D may be adjusted as shown in Fig. 1, so as to open the passage to the pouring-spout and to also open the vent-opening d .

What I claim as my invention, and desire to secure by Letters Patent, is—

1. The combination, with a can provided with a screw-threaded socket which extends thereinto, and the outer end of which is approximately flush with the exterior of the can,

of the reversible bung C, closed at one end and provided at that end with a pouring-spout, a valve contained within the bung and closing on the closed end of the bung over the pouring-spout, and a screw-rod working through the closed end of the bung for operating the valve, substantially as herein described.

2. The combination, with a can provided with the screw-threaded socket B, extending within it, and at the inner end of which is an inwardly-turned flange, b' , for supporting a packing, c , and an annular groove, b^2 , larger in diameter than the screw-thread, for retaining the packing, of the reversible bung C, closed at the end and provided with a pouring-spout, C' , the valve D, within the bung, for closing the pouring-spout, and a screw-rod working through the closed end of the bung, for operating the valve, substantially as herein described.

JOHN MARSHALL.

Witnesses:

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