No. 639,103.

Patented Dec. 12, 1899.

A. M. SHAUCK.

VENTING FAUCET.

(Application filed Apr. 21, 1899.)

(No Model.)

Fig. 1.

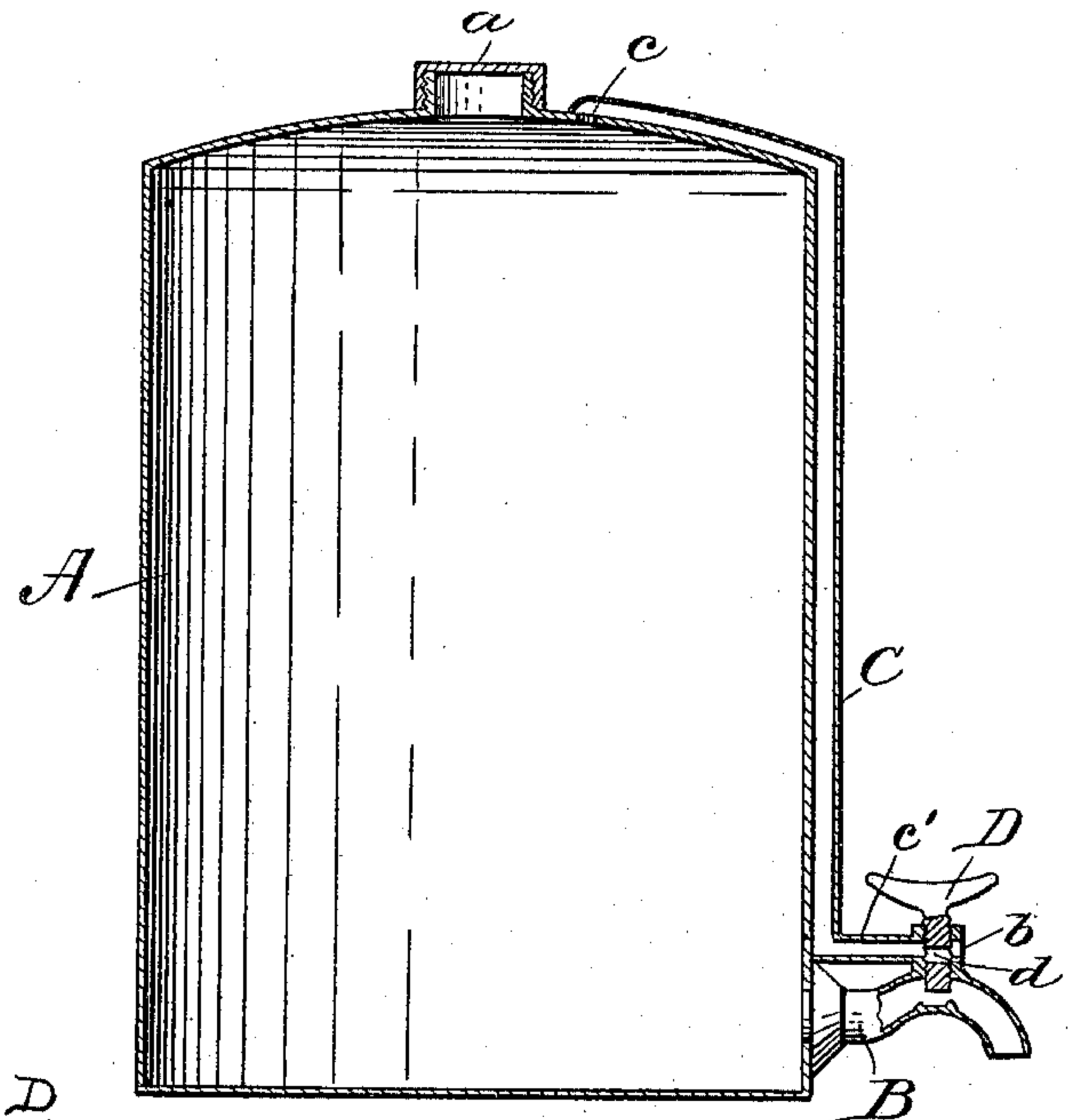


Fig. 4

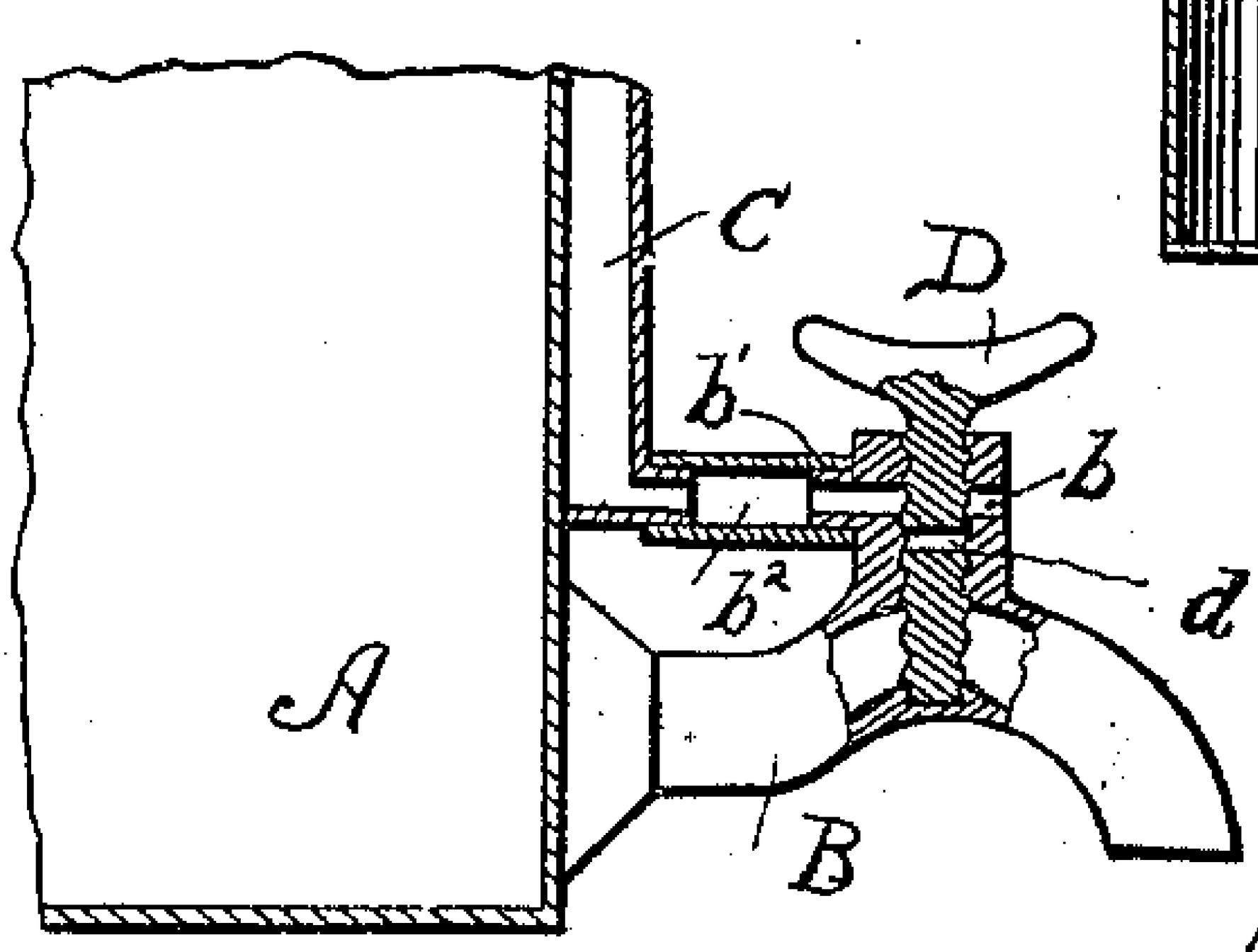


Fig. 2

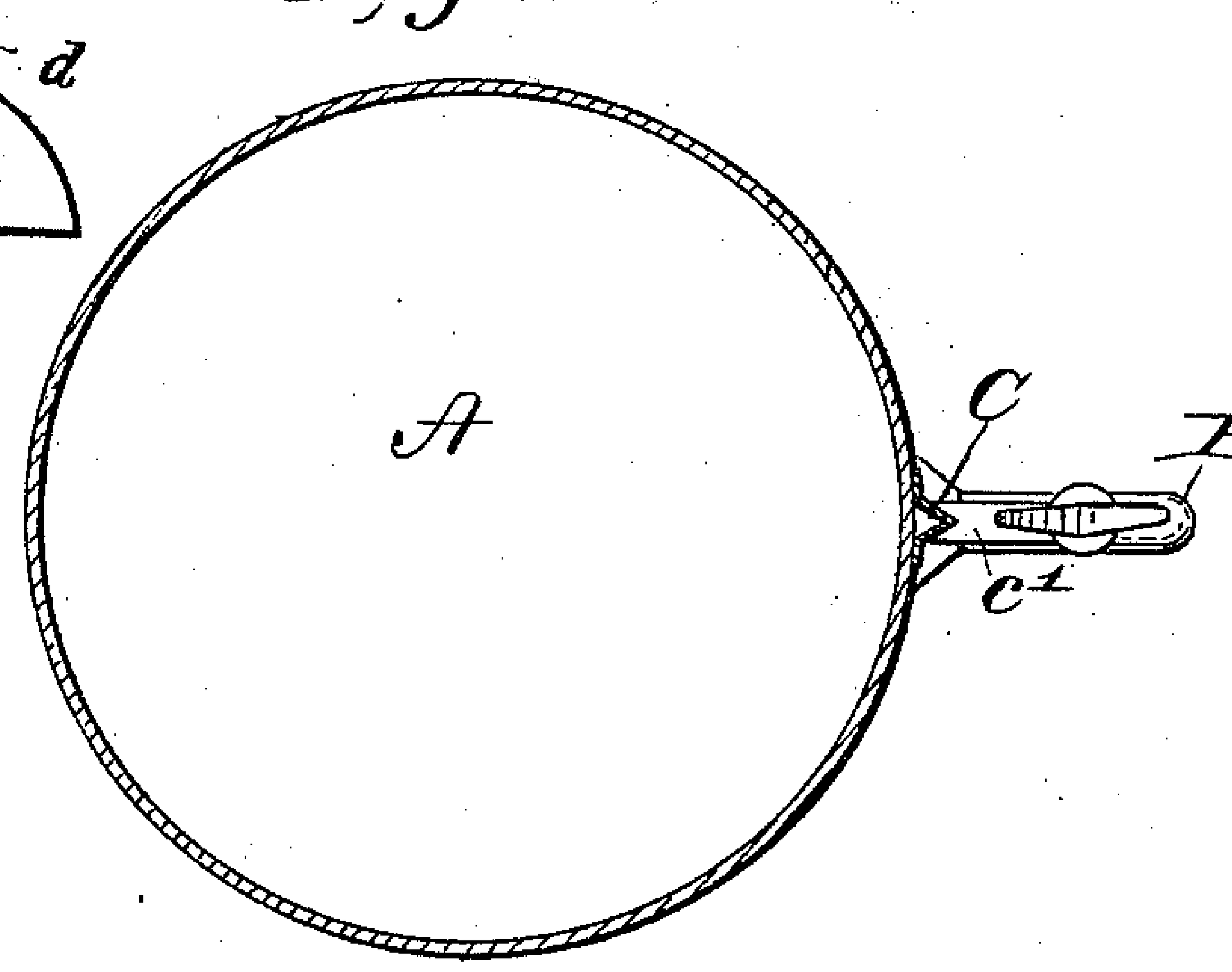
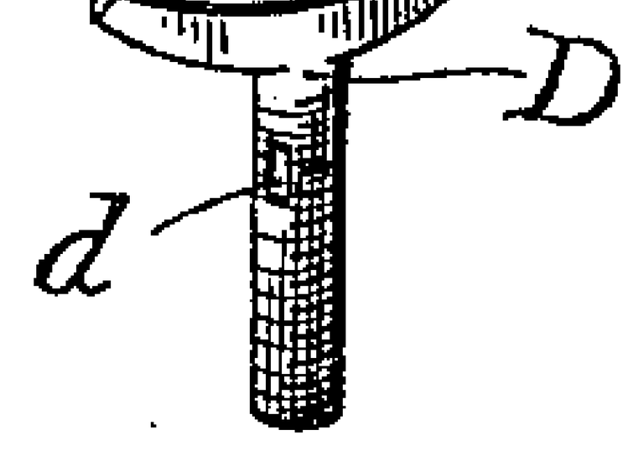


Fig. 3



Witnesses
F. L. Ourand.
J. A. Wilson

A. M. Shauck. Inventor

by A. B. Wilson & Co
Attorneys

UNITED STATES PATENT OFFICE.

ARTHUR M. SHAUCK, OF GALION, OHIO.

VENTING-FAUCET.

SPECIFICATION forming part of Letters Patent No. 639,103, dated December 12, 1899.

Application filed April 21, 1899. Serial No. 713,842. (No model.)

To all whom it may concern:

Be it known that I, ARTHUR M. SHAUCK, a citizen of the United States, residing at Galion, in the county of Crawford and State of Ohio, have invented certain new and useful Improvements in Venting-Faucets; and I do 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.

The invention relates to venting-faucets, and more particularly to that class employed in combination with an oil-dispensing can.

The object is to provide a means for automatically admitting air to the can or tank to correspond to the oil drawn out.

To this end the invention consists in a can or tank provided with a V-shaped vent-tube opening at its upper end into the closed top of the can or tank in combination with a faucet communicating with the tank or can and adapted to simultaneously draw off the contents of the tank and admit atmospheric air to replace the withdrawn contents.

The invention further consists in the construction, combination, and arrangement of the device, as will be hereinafter more fully described, and particularly pointed out in the appended claim.

In the drawings, Figure 1 is a vertical section of a tank and venting-faucet embodying my invention. Fig. 2 is a horizontal section of the tank. Fig. 3 is a detail perspective view of the cock or stem removed from the faucet. Fig. 4 shows another form of connecting the faucet and vent-tube.

A denotes the tank, which is provided with the usual air-tight screw-cap *a* for filling and with a faucet B, by which the contents of the tank are drawn off, as required for use.

C denotes a V-shaped vent or air tube fixed to the outside wall of the tank and top and communicating with the interior of the tank through the orifice *c*. The lower end of the vent-tube C communicates with a short horizontal pipe *c'*, which in turn communicates with the faucet B, the socket of which is formed with an alined orifice *b*, opening into the atmosphere.

D denotes the stem or key of the faucet, and its upper portion is formed with a transverse and axially-elongated orifice *d*, which when the faucet is closed extends below the vent-openings in the socket; but as the faucet opens, which is done by raising the stem in the usual manner, the upper end of the orifice *d* forms a passage-way between the vent-pipe *c'* and the air-inlet orifice *b*, so as to admit air to the tank or can in proportion to the volume of liquid passing through the faucet.

In Fig. 4 I have shown the faucet provided with a short nipple *b'*, from which a rubber pipe b^2 extends to the vent-tube C. The advantages incident to this construction are that the V-shaped tube C is much cheaper to make than a cylindrical tube would be, and being rigidly attached to the tank for its entire length the latter forms a brace for the vent-tube and prevents its accidental displacement.

It will of course be understood that various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the spirit or sacrificing any of the advantages of this invention.

Having thus described the invention, what is claimed, and desired to be secured by Letters Patent, is—

As an improved article of manufacture, a can or tank A, provided with a filling-cap *a*, and the V-shaped tube C, the outer wall of the tank or can forming the inner wall of the tube, and having its upper end closed to the atmosphere and communicating with the tank through the medium of the orifice *c*, the faucet B having its socket formed with the orifice *b*, the lateral pipe *c'*, connecting the lower end of the vent-tube and socket, and the faucet-key D formed with the transverse and axially-elongated orifice *d*, substantially as shown and described.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

ARTHUR M. SHAUCK.

Witnesses:
J. W. COULTER,
EDNA J. KROHN.