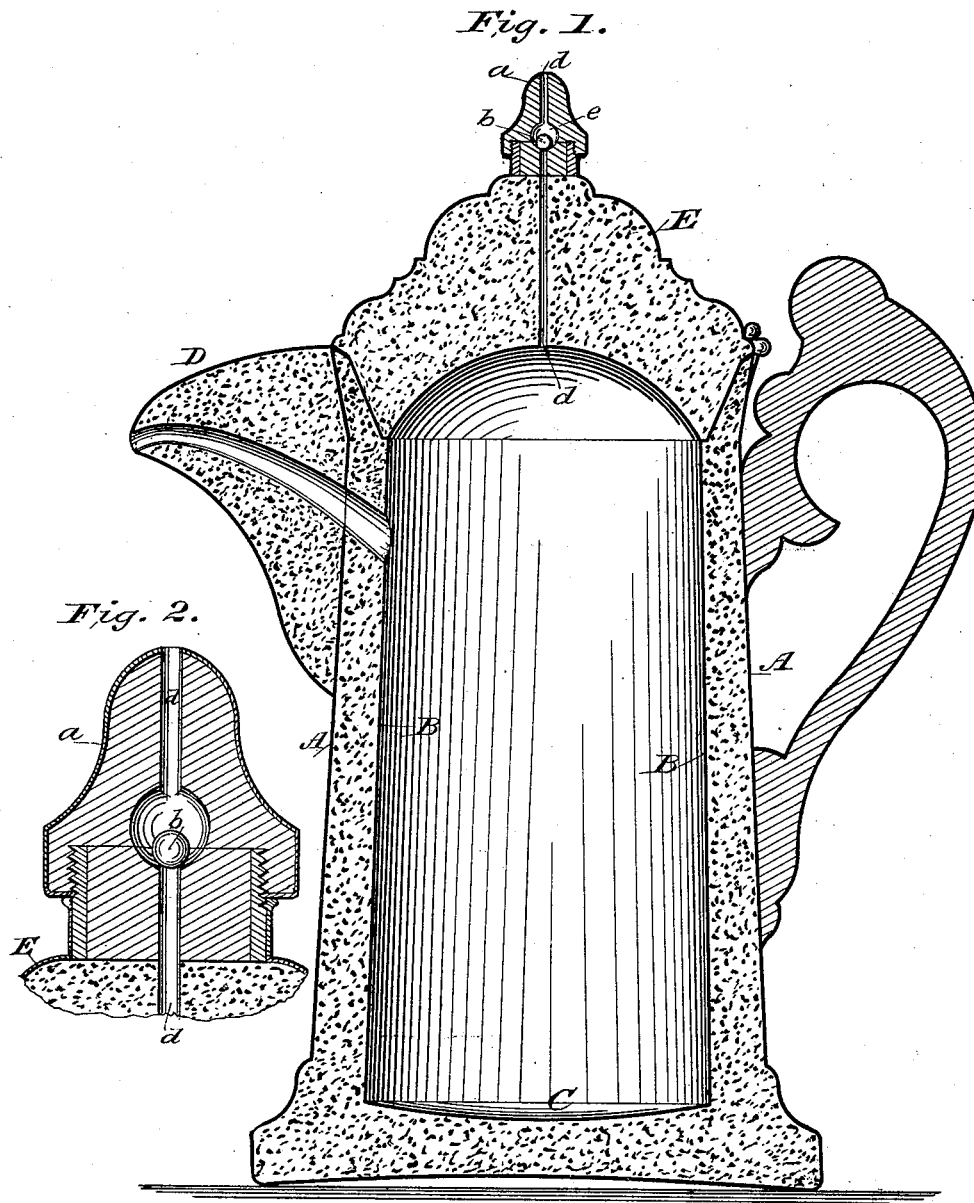


(No Model.)

J. BRAUER.
ICE PITCHER.

No. 261,199.

Patented July 18, 1882.



WITNESSES
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UNITED STATES PATENT OFFICE.

JUSTUS BRAUER, OF PHILADELPHIA, PENNSYLVANIA.

ICE-PITCHER.

SPECIFICATION forming part of Letters Patent No. 261,199, dated July 18, 1882.

Application filed June 20, 1882. (No model.)

To all whom it may concern:

Be it known that I, JUSTUS BRAUER, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Ice-Pitchers; and I 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.

My invention relates to improvements in ice-pitchers; and the object is to construct an ice-pitcher that is a perfect non-conductor of heat, and by which the sweating on the outside caused by condensation is prevented, and at the same time to admit air into the pitcher whenever water is withdrawn therefrom and assist in giving a proper amount of ventage.

The invention consists in making the pitcher with double walls, top and bottom, as also the spout, and filling the space with closely-rammed granulated cork, prepared especially for the purpose and of a nearly uniform size; and it also consists in forming an opening or perforation through the top or cover, having a cavity or enlargement near its upper end, in which is placed a ball-valve, which closes the ingress of air through the opening at all times excepting when the pitcher is tilted and water is withdrawn through the spout, when the ball rolls to one side and admits the air, all of which will be more fully described hereinafter, reference being had to the accompanying drawings and the letters of reference marked thereon.

In the accompanying drawings, Figure 1 represents a vertical cross-section of my improved pitcher. Fig. 2 is an enlarged view of the opening and ball-valve.

In the drawings, A and B are the outer and inner walls of an ice-pitcher, with a double bottom, C. The spout D is also made hollow or double, as well as the top or cover E. The upper edge or rim of the pitcher is also made double, and into all the spaces thus formed properly prepared granulated cork of as nearly uniform size as possible is closely packed or rammed, so as to form a practically solid mass. The top or cover E is made to closely fit the pitcher, so as to prevent ingress or egress of air, and the adjoining edges of both the body of the pitcher, as also the top, being filled with the prepared cork, prevent any condensation.

The top E is provided with an opening, *d*, having an enlargement or cavity, *e*, which may be spherical or elliptical in shape, and in it is placed a small ball-valve, *b*, made of any suitable material, which closes the opening when the pitcher is in a vertical position, but when tilted for the purpose of withdrawing water, the ball-valve will roll to one side in the cavity, uncover the opening, and admit air to the interior of the pitcher, and thus create a vent.

The upper part or knob, *a*, of the pitcher is made removable and screwed into its place, so as to permit the introduction of the ball-valve, as also for the purpose of cleaning the cavity.

I am aware that water-coolers have been made having double walls, top and bottom, between which granulated cork and other non-conducting material have been loosely placed, but leaving air-spaces between the pitchers, and not closely rammed, so as to form a practically-solid mass, and I therefore disclaim such; but,

Having thus described my invention, what I claim is—

1. An ice-pitcher having double walls, top and bottom, the space between which is packed with closely-rammed granulated cork of nearly uniform particles or size, substantially as specified.

2. An ice-pitcher having its top or cover provided with a perforation, *d*, having a cavity, *e*, in combination with a valve, *b*, substantially as and for the purpose set forth.

3. An ice-pitcher having its top provided with a removable knob, *a*, a perforation, *d*, having an enlarged cavity, *e*, for the reception of a ball-valve, *b*, as and for the purpose specified.

4. An ice-pitcher having double walls, top and bottom, packed with closely-rammed granulated cork of nearly uniform particles, in combination with the cover having a perforation, *d*, with cavity *e* for the valve *b*, as and for the purpose described.

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

JUSTUS BRAUER.

Witnesses:

A. T. SANGSTON;
LLOYD F. KELEHER.