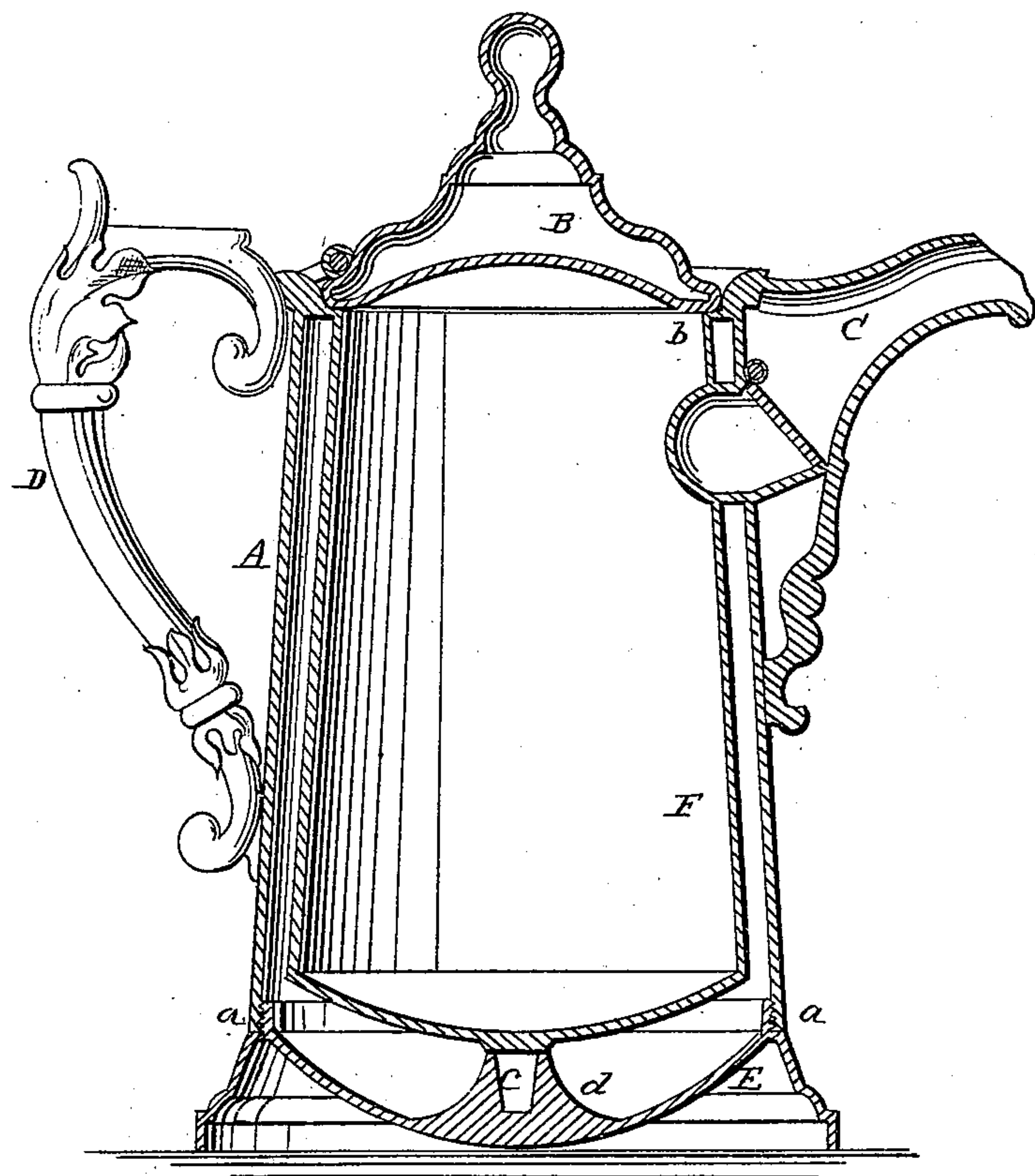


*R. Holmes,*

*Ice Pitcher.*

*N<sup>o</sup> 76,761.*

*Patented Apr. 14, 1868.*



Witnesses:

*W. C. Ashkett*  
*Alex T. Roberts*

Inventor:

*Robt Holmes*  
*per Munn & Co*  
*Attorneys.*

# United States Patent Office.

ROBERT HOLMES, OF MIDDLETOWN, CONNECTICUT, ASSIGNOR TO MIDDLETOWN PLATE COMPANY, OF SAME PLACE.

*Letters Patent No. 76,761, dated April 14, 1868.*

## IMPROVEMENT IN ICE-PITCHERS.

*The Schedule referred to in these Letters Patent and making part of the same.*

### TO ALL WHOM IT MAY CONCERN:

Be it known that I, ROBERT HOLMES, of Middletown, in the county of Middlesex, and State of Connecticut, have invented a new and improved Ice-Pitcher; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

This invention is designed to obviate the difficulty attending the lack of a proper support for the inner wall of the pitcher. This inner wall requires to be very firmly secured in position, and its bottom thoroughly well supported, as the latter is liable to be forced off, or the soldered seam or joint, by which it is connected to the side, ruptured by dropping heavy pieces of ice into the pitcher.

Beside this contingency, the inner wall, when the pitcher is filled with water containing ice, is very liable to give laterally when the pitcher is tilted to pour water from it, and the soldered seam or joint, by which the upper end of the inner joint is connected to the external wall, frequently breaks or becomes ruptured under the weight.

My invention fully obviates these difficulties, and to this end, it consists in having the bottom or base of the pitcher, which is attached to the external wall, detachable, and connected to said wall by a screw-joint, so that it may be very readily detached whenever necessary, said bottom being provided, at the centre of its upper side, with a step or projection, to receive a pendent pin at the centre of the bottom of the inner wall.

By this arrangement, which is hereinafter fully shown and described, the inner wall is firmly supported, both laterally and vertically, so that the bottom of the same cannot be forced out, nor the upper joint or seam ruptured.

The accompanying drawing represents a side sectional view of my invention.

A represents the external wall of an ice-pitcher, provided, as usual, with a hinged lid, B, a nozzle, C, a handle, D, and a base, E. All these parts, with the exception of the base, E, may be constructed in the ordinary way.

The base, E, instead of being permanently attached to the bottom of the external wall, is made separately from it, and is attached thereto by a screw-joint, *a*, as shown clearly in the drawing, which joint admits of the bottom being readily detached, when necessary.

F represents the inner wall of the pitcher, which may be constructed in the usual way, and has its upper end connected to the external wall by a soldered seam or joint, *b*, as is now practised in the construction of ice-pitchers.

At the under side of the bottom of the inner wall there is a pendent pin, *c*, which fits in a step, *d*, at the centre of the upper side of the base, E.

By this means the bottom of the inner wall is firmly supported, so that it cannot be forced outward, and its seam or joint ruptured by dropping lumps of ice into the pitcher; and besides this support, the inner wall is prevented from being displaced laterally when the pitcher is tilted, the fitting of the pin *c* in the step *d* effecting this result.

Hence, the upper seam or joint, which connects the upper end of the inner wall to the external one, cannot be ruptured, and in case repairs are necessary in the interior of the pitcher, the base, E, may be readily unscrewed, so as to render the bottom of the inner wall accessible, and foul air allowed to escape from the space between the inner and outer walls.

In addition to this, the base, E, being detachable, may, if it should become bruised or bent by the falling of the pitcher—a contingency of not unfrequent occurrence—be replaced by a new one, at a small expense, or the old base, if not too much injured, repaired with far greater facility than when permanently attached to the external wall.

I claim as new, and desire to secure by Letters Patent—

1. The providing of the bottom of the internal wall, F, with a pendent pin, *c*, to fit into a step, *d*, at the centre of the upper edge of the base, E, substantially in the manner as and for the purpose herein set forth.
2. The connecting of the detachable base, E, with the external wall A, by means of a screw-joint, *a*, when said detachable base is used in connection with the step *d*, and the pendent pin *c* at the bottom of the inner wall, substantially as set forth.

ROBERT HOLMES.

Witnesses:

MOSES CULVER,  
WILBUR FISK.