(No Model.)

2 Sheets—Sheet 1.

T. SHAW.

WATER PITCHER.

No. 379,823

Patented Mar. 20, 1888.

Fig. 1.

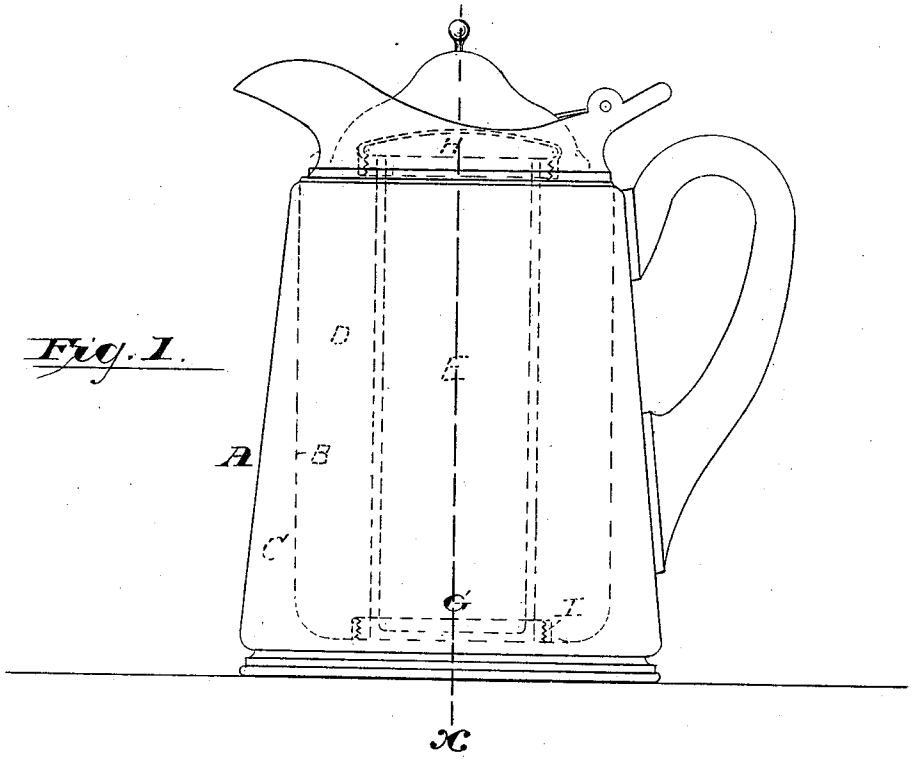
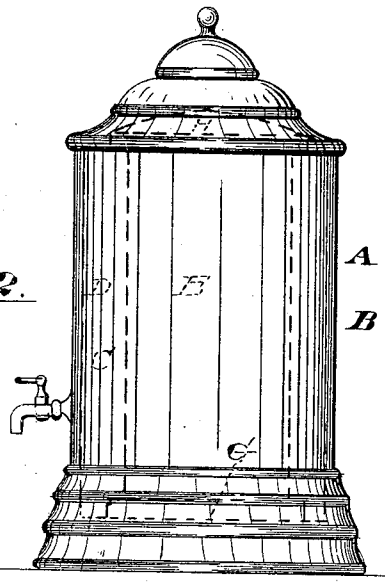


Fig. 2.



WITNESSES:

Oscar A. Michel.
H. Edward. Reeve.

INVENTOR:

Thomas Shaw,

BY Drake & Co ATT'YS.

(No Model.)

2 Sheets—Sheet 2.

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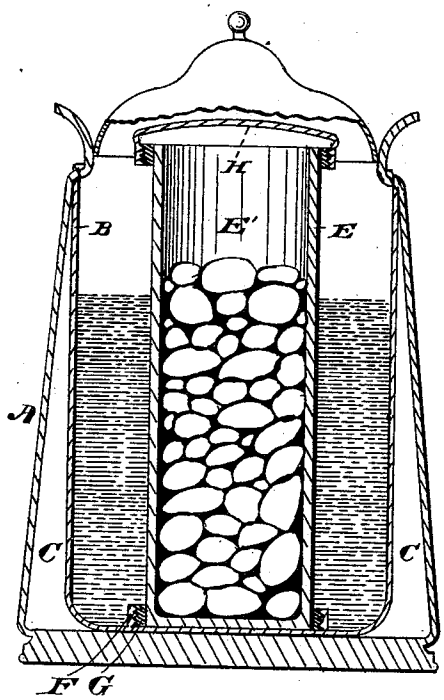

Fig. 3.

WITNESSES:

H Edward Reuse

Oscar A. Michel.

INVENTOR:

Thomas Shaw,

BY Drake & Co., ATT'YS.

UNITED STATES PATENT OFFICE.

THOMAS SHAW, OF NEWARK, NEW JERSEY.

WATER-PITCHER.

SPECIFICATION forming part of Letters Patent No. 379,823, dated March 20, 1888.

Application filed March 2, 1887. Serial No. 229,400. (No model.)

To all whom it may concern:

Be it known that I, THOMAS SHAW, a citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Water-Pitchers or other Vessels; 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, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

The object of this invention is to economize ice in water-pitchers and water-coolers, to prevent the dirt contained in said ice from mixing with the drinking-water, and to accomplish these results at a low cost of manufacture.

The invention consists in an improved water-receptacle and in the arrangements and combinations of parts, substantially as will be hereinafter set forth, and finally embodied in the claim.

Referring to the accompanying drawings, in which like letters indicate corresponding parts in each of the several figures, Figure 1 is a side elevation of an ice pitcher, showing in dotted outline the formation of the inner portions. Fig. 2 is a side elevation of a modification of my improvement introduced into a water-cooler; and Fig. 3 is a sectional view through line X, Fig. 1.

In said drawings, A indicates the metallic outer and B the metal or glass inner wall of said cooler. Said walls are so arranged as to provide an air-space, C, therebetween.

E represents an inner vessel or cylinder of glass or metal for holding ice, which is held in place by means of a flange, F, secured to the bottom of the cooler and provided with screw-threads or other means for fastening, thereby allowing easy removal, when desired, for cleansing.

Corresponding threads may be cut on the bottom end of said cylinder or on an annular flange, as G, secured thereto, and the top may be similarly threaded to provide means for securing a removable cover, H, of metal or glass, lined with cork or other suitable material to prevent the water of the melted ice from mixing with the pure water of the outer chamber. Thus, when said cover is removed, ice may be introduced into the chamber E', the cover replaced, and water poured into the chamber formed between the ice-receptacle and the walls of the pitcher or cooler. The ice, although not in direct contact with the water, will cool it sufficiently for drinking purposes.

Having thus fully described my invention, what I claim as new is—

A water-pitcher combining therein an outer vessel having a cover, an inner removable air-tight vessel, as E, for holding ice, provided with an independent cover, as H, at the top, and at the bottom with a screw-threaded flange adapted to be screwed into a correspondingly-threaded flange which projects from the bottom of the outer vessel, and an annular water-chamber formed between said outer and inner vessels, said parts being arranged with relation to one another and adapted to operate substantially as and for the purposes set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 17th day of February, 1887.

THOS. SHAW.

Witnesses:
OLIVER DRAKE,
CHARLES H. PELL.