(No Model.)

S. WHINERY.

GUARD FOR WATER PITCHERS OR OTHER VESSELS.

No. 369,381. Patented Sept. 6, 1887.

Fig. 1.

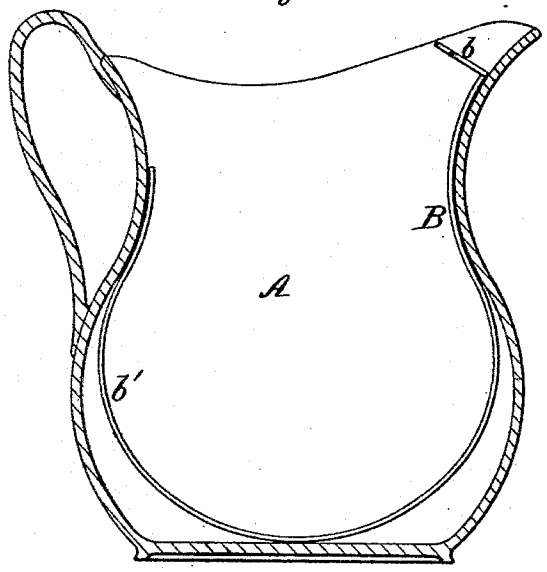


Fig. 2.

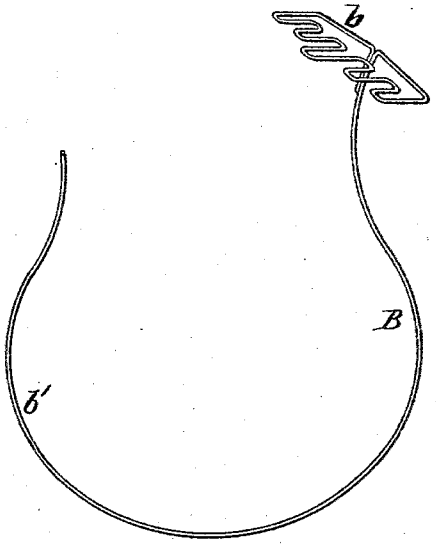
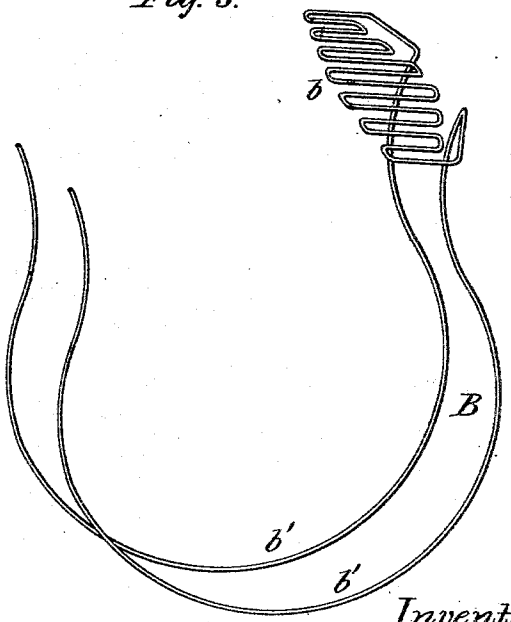


Fig. 3.



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UNITED STATES PATENT OFFICE.

SAMUEL WHINERY, OF SOMERSET, KENTUCKY.

GUARD FOR WATER-PITCHERS OR OTHER VESSELS.

SPECIFICATION forming part of Letters Patent No. 369,381, dated September 6, 1887.

Application filed September 30, 1886. Serial No. 215,031. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL WHINERY, a citizen of the United States, residing at Somerset, in the county of Pulaski and State of Kentucky, have invented certain new and useful Improvements in Guards for Water-Pitchers or other Vessels, of which the following is a specification.

My invention relates to devices for preventing ice or other solid matters from passing out of a pitcher or other vessel when the liquid which it contains is poured therefrom, and its object is to provide a simple, durable, and readily-detachable screen.

Figure 1 is a sectional view of a pitcher, showing one of my ice-guards in position for use. Fig. 2 is a perspective view of the ice-guard. Fig. 3 shows a modification of the ice-guard.

A represents a pitcher.

B is the ice-guard, in which *b* is a screen, of any desired form, and *b'* the guard, which may be of any desired form.

B represents a bent wire or band of elastic material adapted, when placed in the pitcher or other vessel, to bear against the inner surface thereof with sufficient force to prevent the displacement of the guard by ice or other solids contained in the pitcher. The guard and retaining-piece are preferably constructed of a single piece of spring-wire. In the form shown one end of the wire is bent to form the guard proper or screen, while the other or free end is bent to form a V-shaped spring. This spring is placed in the pitcher by pressing the sides of the "V" toward each other until they will readily pass the throat of the pitcher, then leaving them free to expand until they bear against the walls of the pitcher and clamp the guard in place.

The screen may be formed by the middle portion of the wire, as shown in Fig. 3, in which case both ends *b' b'* of the wire should take into the pitcher and serve as the retaining-clamp. It is obvious that the screen or guard proper may be made of perforated sheet metal, wire-cloth, or other suitable material, and of any desired form, and secured to the retaining piece or pieces by solder, rivets or other means.

The retaining-clamp may consist of any desired number of spring-arms so formed that when in position they will bear against the walls of the pitcher with sufficient pressure to hold the guard in place.

The material composing the guard and retaining-clamp is preferably plated or coated with non-corrosive metal to prevent rusting.

I claim as my invention—

A detachable guard for pitchers or other vessels, consisting of wire having one portion bent to form a screen adapted to prevent the escape of solids, and the remaining portion constituting a spring-clamp adapted to bear against the inner walls of the pitcher, thereby holding the guard in position, substantially as and for the purpose specified.

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