

J. F. WOOD.

False-Bottoms for Water-Coolers.

No. 144,587.

Patented Nov. 11, 1873.

Fig. 1.

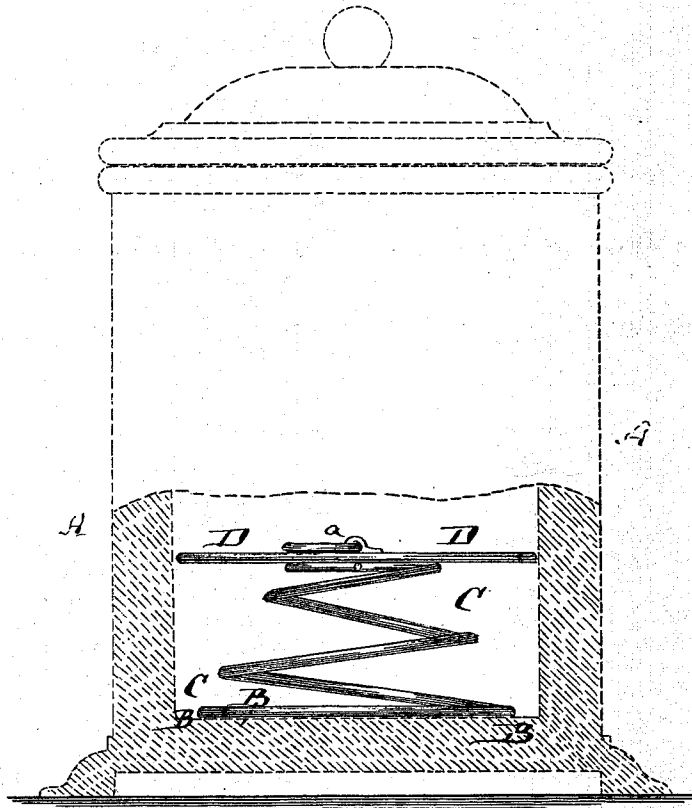
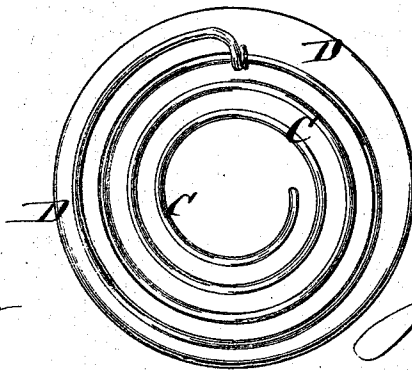


Fig. 2.



Witnesses
John Becker
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UNITED STATES PATENT OFFICE.

JAMES F. WOOD, OF WILMINGTON, DELAWARE.

IMPROVEMENT IN FALSE BOTTOMS FOR WATER-COOLERS.

Specification forming part of Letters Patent No. **144,587**, dated November 11, 1873; application filed July 19, 1873.

To all whom it may concern:

Be it known that I, JAMES F. WOOD, of Wilmington, in the county of New Castle and State of Delaware, have invented an Improved False Bottom for Water-Coolers, of which the following is a specification:

This invention has for its object to prevent the frequent leakage of water-coolers, caused by the dropping of lumps of ice on the bottoms thereof, the ice being very apt to injure the same.

The invention consists in placing on the bottom of the cooler a false bottom, resting upon a strong spiral spring, so that when ice is thrown in the cooler it will fall on the false bottom, and by the action of the spring, which will break the fall of the ice, the concussion which would otherwise be so injurious to the bottom will be prevented.

The apparatus will be very effective, easily applicable, and not very expensive.

In the drawing, Figure 1 is a side view of my improved false bottom for water-coolers. Fig. 2 is a bottom view of the same.

Similar letters of reference indicate corresponding parts.

A represents the body of a water-cooler, of common or suitable construction. Upon its bottom B is placed a spiral spring, C, which supports and is connected with a plate, D, that fits nicely into the cooler, but is free to play up and down therein. A ring, *a*, may be attached to the false bottom D, to serve as a handle.

The ice, when inserted in the cooler from the top, will fall on the false bottom D, thereby compressing the spring C, which will break the fall of the ice. The bottom B of the cooler will, therefore, not come in contact with the ice, and the cooler will, by this simple contrivance, last far longer than if the ice were allowed to mutilate the bottom of the cooler.

What I claim as my invention is—

The plate D, resting on a spiral spring, C, and arranged to constitute a false bottom for a water-cooler, as set forth.

JAMES F. WOOD.

Witnesses:

P. CHANDLER,
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