

PATENT OFFICE

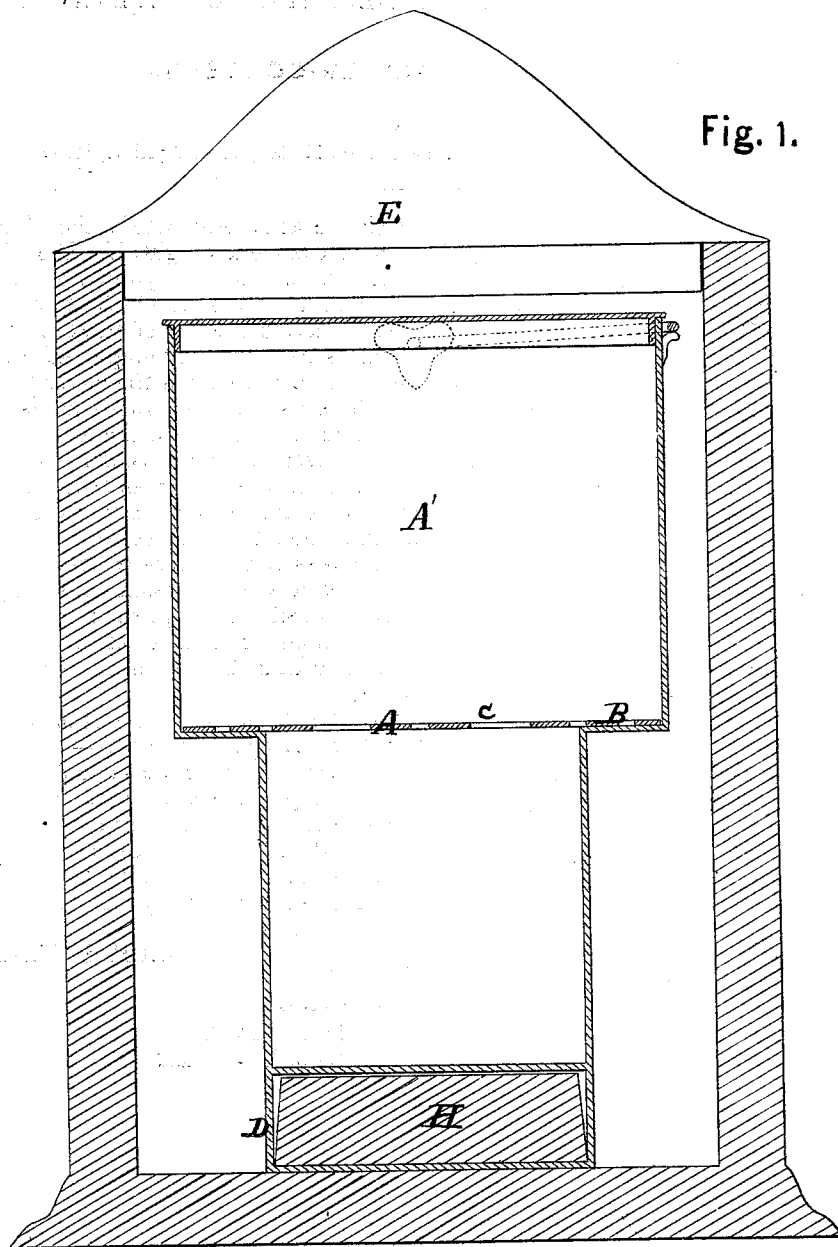
R. S. JENNINGS.

Improvement in Water-Coolers.

No. 126,303.

Patented April 30, 1872.

Fig. 1.



WITNESSES.

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UNITED STATES PATENT OFFICE.

RALPH S. JENNINGS, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN WATER-COOLERS.

Specification forming part of Letters Patent No. 126,303, dated April 30, 1872.

To all whom it may concern:

Be it known that I, RALPH S. JENNINGS, of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a new and valuable Improvement in Coolers; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing making a part of this specification and to the letters and figures of reference marked thereon.

Figure 1 of the drawing is a representation of a vertical central section of my invention, placed in the water-cooler.

My invention relates to water-coolers; and consists in the construction of a stepped cylinder of galvanized iron or other suitable material, constituting an ice-holder and dripping-vessel, together with a weight to hold the cylinder and its contents down in the proper position, and is designed for use both in cooling water in vessels of any form and in transporting small quantities of ice.

A of the drawing represents a cylinder of galvanized iron, having an enlarged upper end, A', as shown, and a smaller lower end so constructed that at the point of junction a shoulder shall be formed, as exhibited at B. C represents a perforated plate that extends over the top of the small or lower end of the cylinder and rests upon the shoulder B. The extreme lower end of the small section of the cylinder is constructed with a double bottom,

as shown at D, and within the chamber thus formed I place a weight, H. The office of this weight is to hold the cylinder and its contents down in the fluid in which it is placed, and thereby avoid the use of auxiliary frames and thumb-screws usually employed with similar devices. E represents the cover to my cooler, which is usually perforated so as to admit a small quantity of air to the ice.

In constructing my cooler, care should be taken that the lower end or dripping-box should be made sufficiently large to contain all the water that can be formed from the ice in the vessel, and thereby prevent the possibility of any submersion of such ice. This may be easily accomplished by first computing the holding capacity of the ice-holder and then adapting the size of the dripping-vessel thereto.

What I claim as my invention, and desire to secure by Letters Patent, is—

The ice-holder for water-coolers, consisting of the drip-cylinder A, with ice-holding expansion A', shoulder B, grate C, cover E, and weight H, all substantially as specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

RALPH S. JENNINGS.

Witnesses:

D. D. HANE,
GEO. E. UPHAM.