

(No Model.)

F. S. GWYER.
Water Cooler for Refrigerators.

No. 239,489.

Patented March 29, 1881.

Fig. 1.

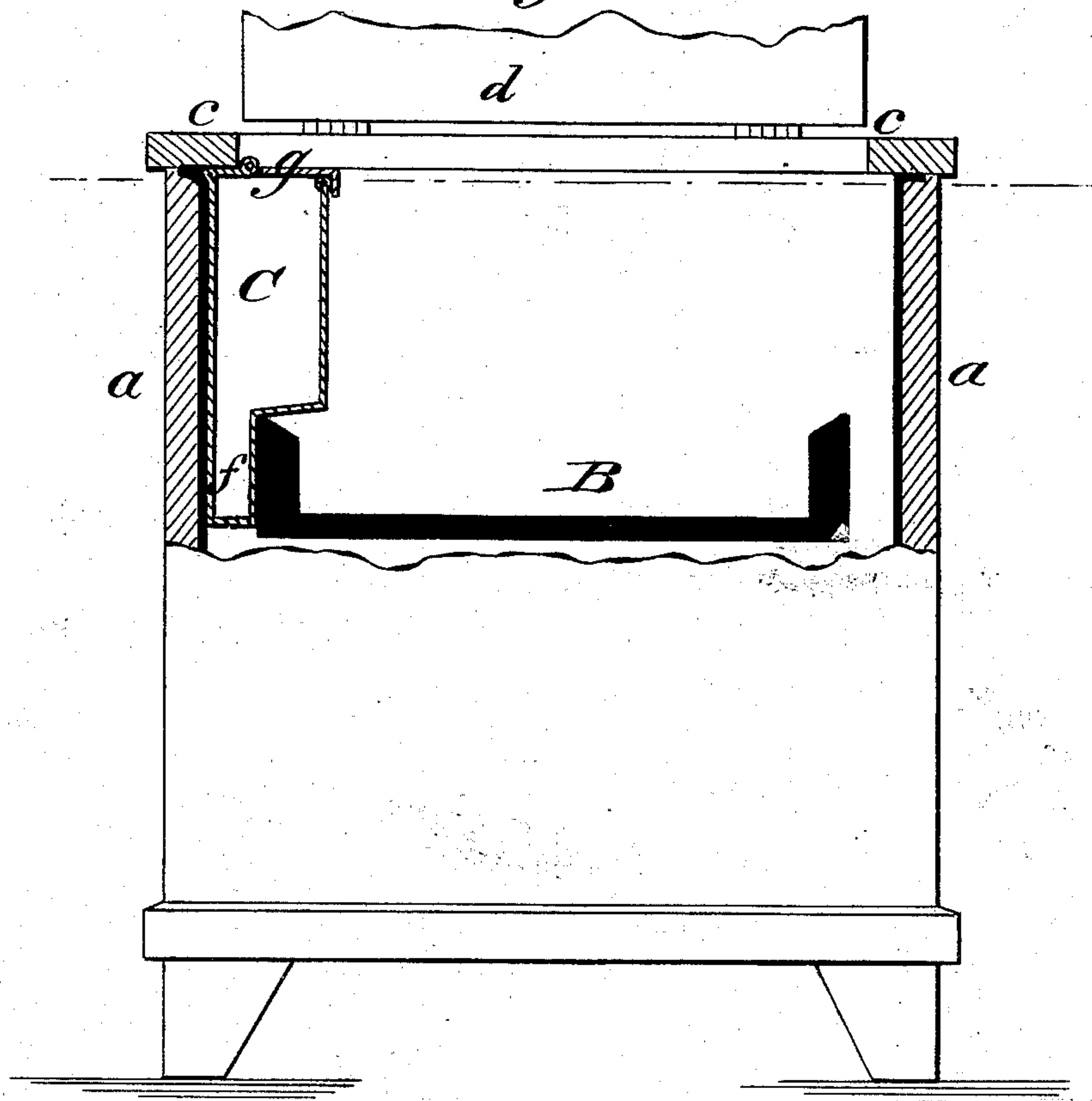
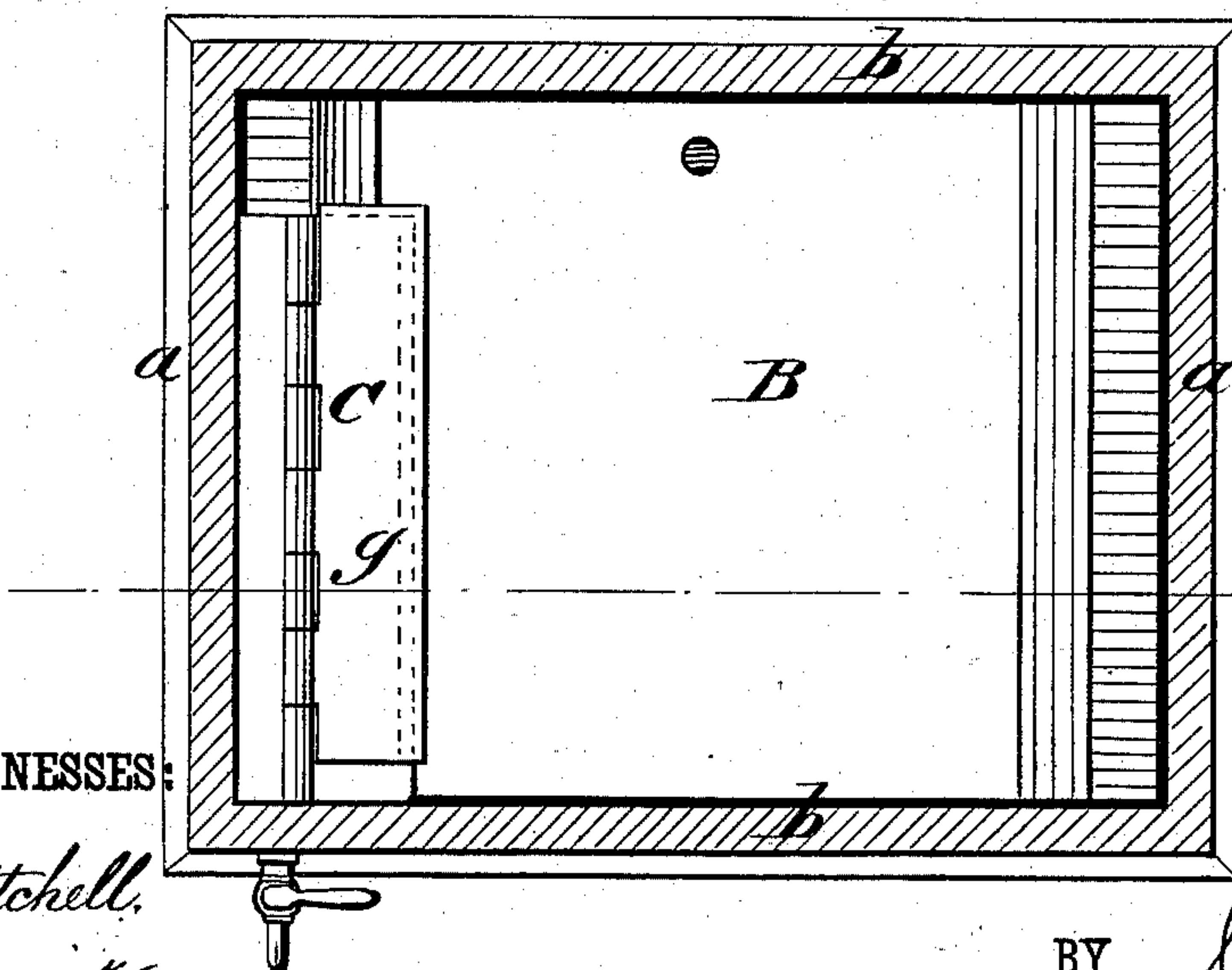


Fig. 2.



WITNESSES:

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FREDERICK S. GWYER, OF NEW YORK, N. Y.

WATER-COOLER FOR REFRIGERATORS.

SPECIFICATION forming part of Letters Patent No. 239,489, dated March 29, 1881.

Application filed January 27, 1881. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK S. GWYER, of the city, county, and State of New York, have invented a new and useful Improvement in Water-Coolers for Refrigerators, of which the following is a specification.

Refrigerators have been heretofore fitted with water-cooling boxes, both as permanent fixtures and removable; but when such coolers form a permanent portion they cannot be kept clean, and removable boxes, as heretofore applied, need to be kept in place to insure perfect operation of the refrigerators.

The object of my invention is to furnish an inexpensive and convenient water-cooler, adapted for being applied to and removed from a refrigerator, which, when so applied, will not obstruct the operation, and when removed will leave the refrigerator intact for use.

To that end my invention consists in a water-box placed at the side of the ice-chamber and above the air-space, the same being shaped to fit the angles at that place, whereby it is held securely and can be readily removed.

In the accompanying drawings, forming part of this specification, Figure 1 is a vertical section of a refrigerator having my improvement applied, and Fig. 2 is a plan view, showing the position of the box with respect to the air-passages.

Similar letters of reference indicate corresponding parts.

The refrigerator is of ordinary construction.

a a are the sides, *b b* the ends, and *c* are the top bars, projecting slightly over the inner edges of sides *a*. The lid *d* is hung on one bar *c* and closes between them.

B is the ice-receptacle, formed with raised sides *e*, between which and the sides *a* there is space for circulation of air.

C is the water-box, made of metal, and of shape to fit snugly in the angle between one side *a* and top bar, *c*, and of a width to project slightly over the side of the ice-box *B*. To fit this place requires a long, narrow, and deep box, and I form the under side with a leg, *f*, that projects down at the side of ice-box *B*, so that the water is thereby held more firmly in place. The box *C* is shorter than the air-passage at the side of ice-box *B*, so that such passage is not closed by the box, but left open at one end of the water-box, as shown in Fig. 2. A suitable cock is screwed through the front of the refrigerator into one end of box *C*, for use in drawing the water, and the box has a lid, *g*, at its top for giving access to its interior. This water-cooling box can be readily put in place, and when inserted is securely held in a position for effective operation. To remove the box the faucet will be unscrewed, and the box can then be lifted out.

It will be seen that the refrigerator is intact when the box is removed, so that the box can be used or not, as desired.

In some forms of refrigerators slight alterations may be required to fit the box, but not of a nature to change the construction materially.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

In refrigerators, the water-box *C*, arranged detachably in the angle formed by side *a* and top bar, *c*, projecting over box *B*, and extending between it and the side *a*, as and for the purpose specified.

FREDERICK S. GWYER.

Witnesses:

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C. SEDGWICK.