

F. W. Hunt

Refrigerator.

N^o 103,336.

Patented May 24, 1870.

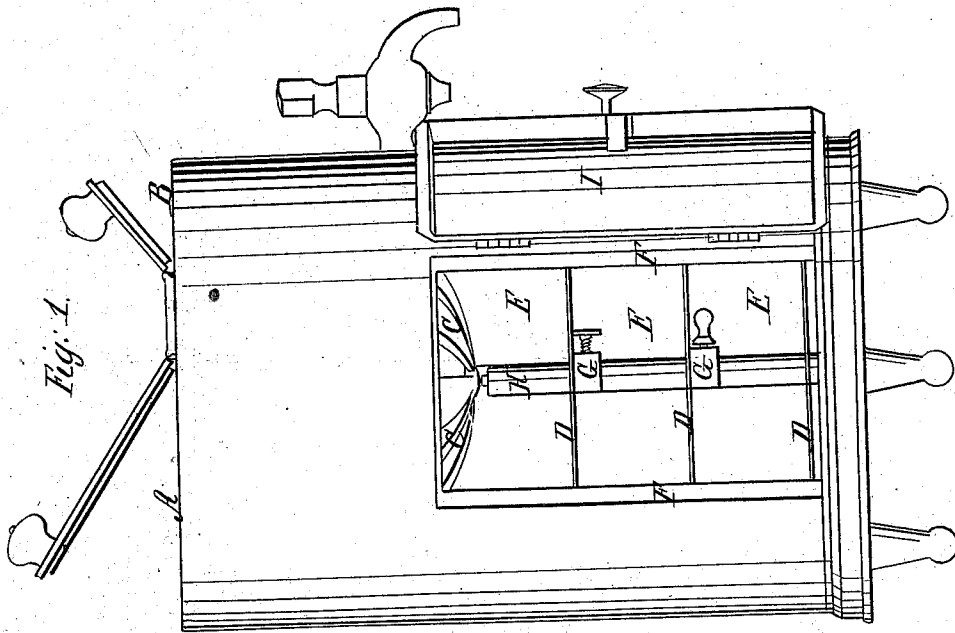
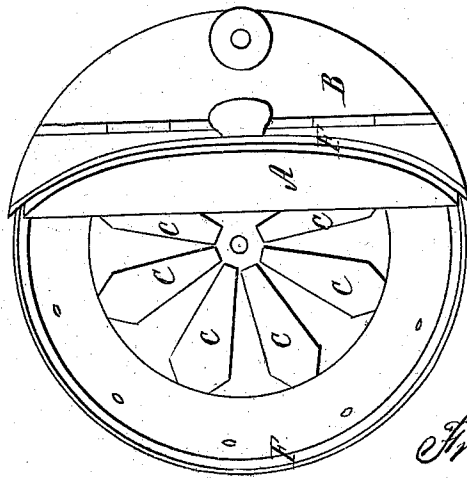


Fig. 2.



Witnesses;

Wm. Weston

Devid Chevis

Inventor;

Francis W. Hunt

UNITED STATES PATENT OFFICE.

FRANCIS W. HUNT, OF BROOKLYN, NEW YORK.

IMPROVED REFRIGERATOR.

Specification forming part of Letters Patent No. 103,336, dated May 24, 1870.

To all whom it may concern:

Be it known that I, FRANCIS W. HUNT, of the city of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Mode of Constructing Refrigerators; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon.

The nature of my invention consists in constructing a refrigerator in the form of a cylinder, or other desirable form, with revolving adjustable shelves.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

I construct my refrigerator in the form of a cylinder, or in any other desirable form, of galvanized iron or other suitable material, with an inner lining, leaving a space between the outside and inside sheet of iron, made airtight, with an ice-chamber in the top of the cylinder.

The letter A in Figure 1 of the accompanying drawings shows the opening to the ice-chamber in the top of the cylinder.

I make a partition in the ice-chamber, separating a portion of the space from the ice-department for a water-cooler.

Letter B in Fig. 1 shows the opening to the water-cooler.

The bottom of the ice-chamber is convex in shape on the under side, with covered openings therein, with flanges on the sides of the openings to prevent the waste-water from running down into the chamber below. Section of the bottom of the ice-chamber is shown in Figs. 1 and 2, with covered openings therein, marked C.

The ice-chamber and water-cooler are made separate from the other parts of the refrigerator, and are made to fit into the top of the cylinder by means of a flange on the top of

the metal forming the ice-chamber, and resting upon the top of the refrigerator.

Holes are perforated near the top of the sides of the ice-chamber, through which, and through the openings in the bottom of the ice-chamber, cold air passes into the chamber below.

A tube, as shown in Fig. 1 at letter H, is attached to the bottom of the ice-chamber, and passes down through the bottom of the refrigerator, by means of which the waste-water from the ice-chamber is discharged.

Revolving adjustable shelves are placed in the provision-chamber, as shown at points D in Fig. 1, through which the tube H passes, and the shelves may be raised or lowered by means of a thumb-screw placed underneath them and attached to the tube, as shown at points G, in Fig. 1, or the shelves may be adjusted by making them to run on a thread upon said tube.

Letter E in Fig. 1 shows the provision-chamber underneath the ice-chamber.

Section of the tight air chamber or space is shown at point F, in Fig. 2.

Letter I in Fig. 1 shows the door to the provision-chamber.

Letters A and B in Fig. 2 show the covers to the ice-chamber and water-cooler.

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

1. A refrigerator provided with adjustable revolving shelves, substantially as herein described.

2. The combination of the ice-chamber, provided with the covered openings C, tube H, adjustable revolving shelves D, and water-cooler, all constructed and arranged as herein described, for the purpose specified.

FRANCIS W. HUNT.

Witnesses:

WM. WESTON,
J. B. ROGERS.