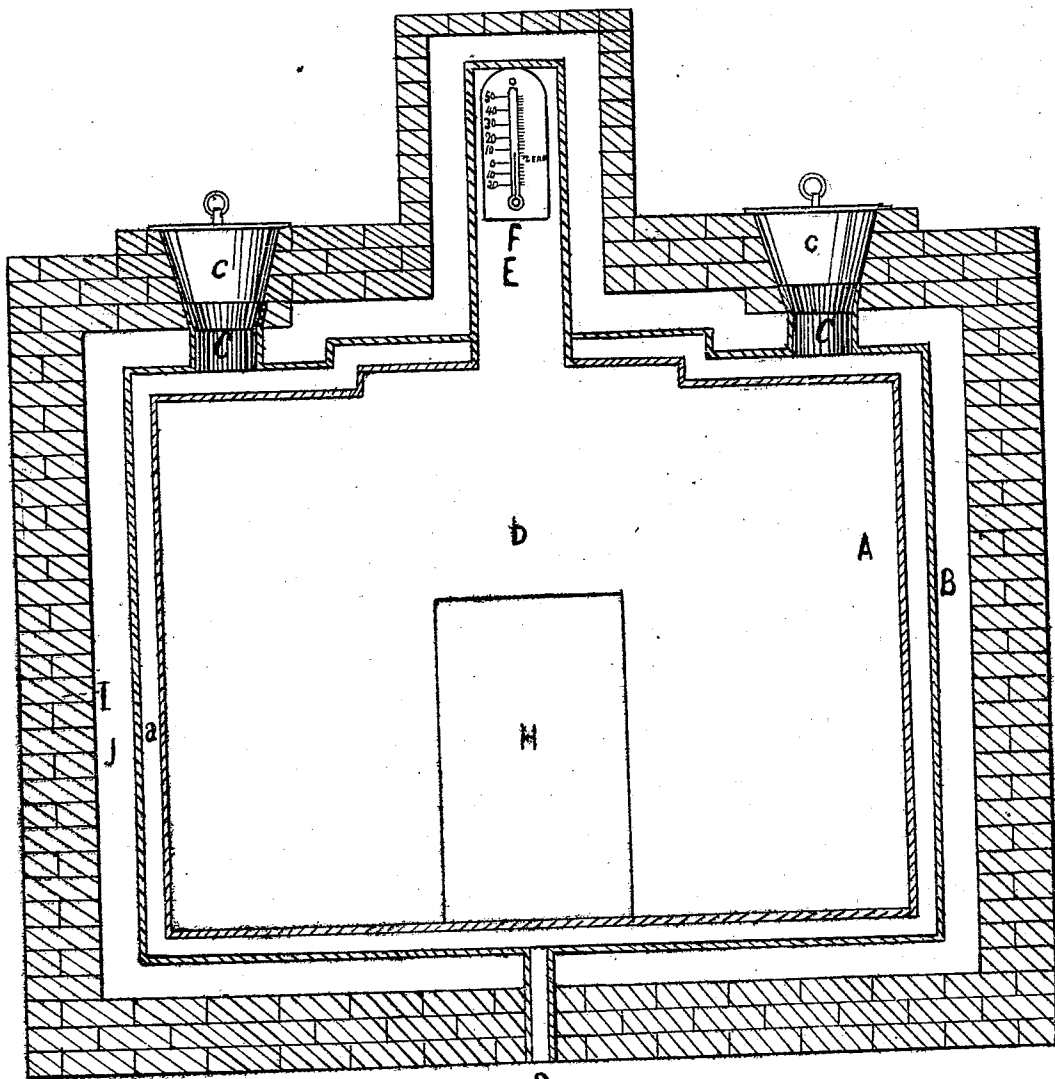


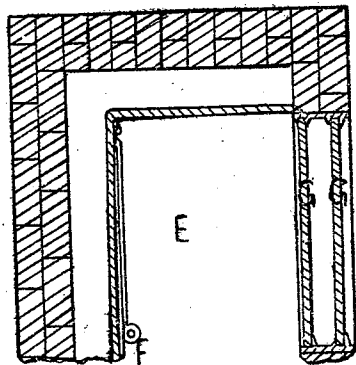
J. C. Van Pelt, Refrigerator.

No 94,151

Fig. 1. Patented Aug 24, 1869.



D Fig. 2.



Witnesses:

William F. Raus
Sam Houghton

Inventor:

J. C. Van Pelt
By his Atty
Ralph Wood

United States Patent Office.

JOHN C. VANPELT, OF CINCINNATI, OHIO.

Letters Patent No. 94,151, dated August 24, 1869.

IMPROVED REFRIGERATOR.

The Schedule referred to in these Letters Patent and making part of the same.

To whom it may concern:

Be it known that I, JOHN C. VANPELT, of Cincinnati, Hamilton county, Ohio, have invented a new and useful Refrigerator, of which the following is a full, clear, and exact description, reference being had to the accompanying drawing, making part of this specification.

My invention is designed to more effectually guard against changes of temperature in a refrigerator; and

My invention consists primarily in the provision of a chamber in communication with the interior at its upper part, and provided with a thermometer, whereby to observe the temperature of the interior, a window in front side of said thermometer enabling inspection of it at any moment without opening the refrigerator.

The preserving-room or closet of the refrigerator has preferably its walls, floor, and ceiling made double, so as to form a refrigerating-jacket, which is provided at its top with funnels, for the introduction of the refrigerant, and at its bottom with a waste or discharge-pipe.

Figure 1 is a vertical transverse section of a refrigerator embodying my improvements.

Figure 2 is a vertical longitudinal section of the thermometer-chamber on a larger scale.

A and B represent, respectively, the inner and outer shells of my refrigerating-room, chest, or closet, enclosing between them a space or jacket, *a*, for the refrigerant.

C are funnels, through which refrigerant is fed to the jacket *a*; and *c*, their covers.

D is a discharge-pipe for the spent or melted refrigerant.

Extending upward from the interior of the refrigerating-room, and communicating with it, is an upper chamber, E, to contain a thermometer, F, by which the temperature of the room can be observed without opening the door, panes of glass G G' being provided for that purpose.

H represents a door, by which access is had to the room.

I represents an external wall or enclosure of masonry or lumber.

J is an insulating-jacket to be packed with charcoal, or other suitable insulating-material.

I claim herein as new, and of my invention—

1. The upper chamber E, communicating with the interior room or closet *b*, and having a thermometer, F, and double window G G', as and for the purpose set forth.

2. The refrigerator herein represented and described, having the walls of its preserving-room *b* composed of metallic shells A B, forming a refrigerating-jacket, *a*, having funnels C for the introduction of the cooling medium thereto, and a discharge-pipe, D, and provided with an upper chamber, E, communicating with the room or closet *b*, and enclosing a thermometer, F, as set forth, for the purposes shown.

In testimony of which invention, I hereunto set my hand.

J. C. VANPELT.

Witnesses:

GEO. H. KNIGHT,
JAMES H. LAYMAN.