

# J. C. Van Pelt, Refrigerator.

No 94,151

Fig. 1. Patented Aug 24, 1869.

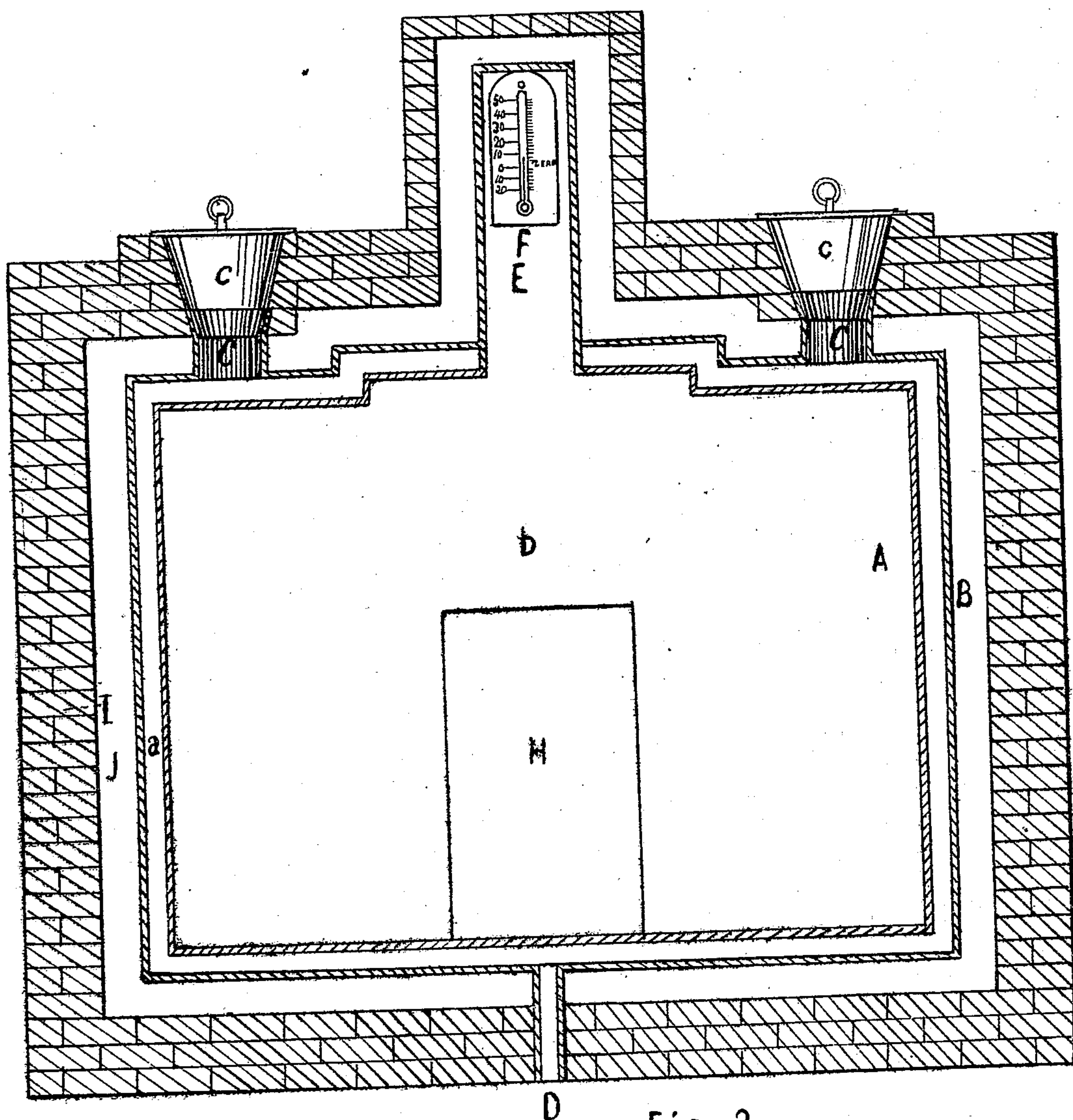
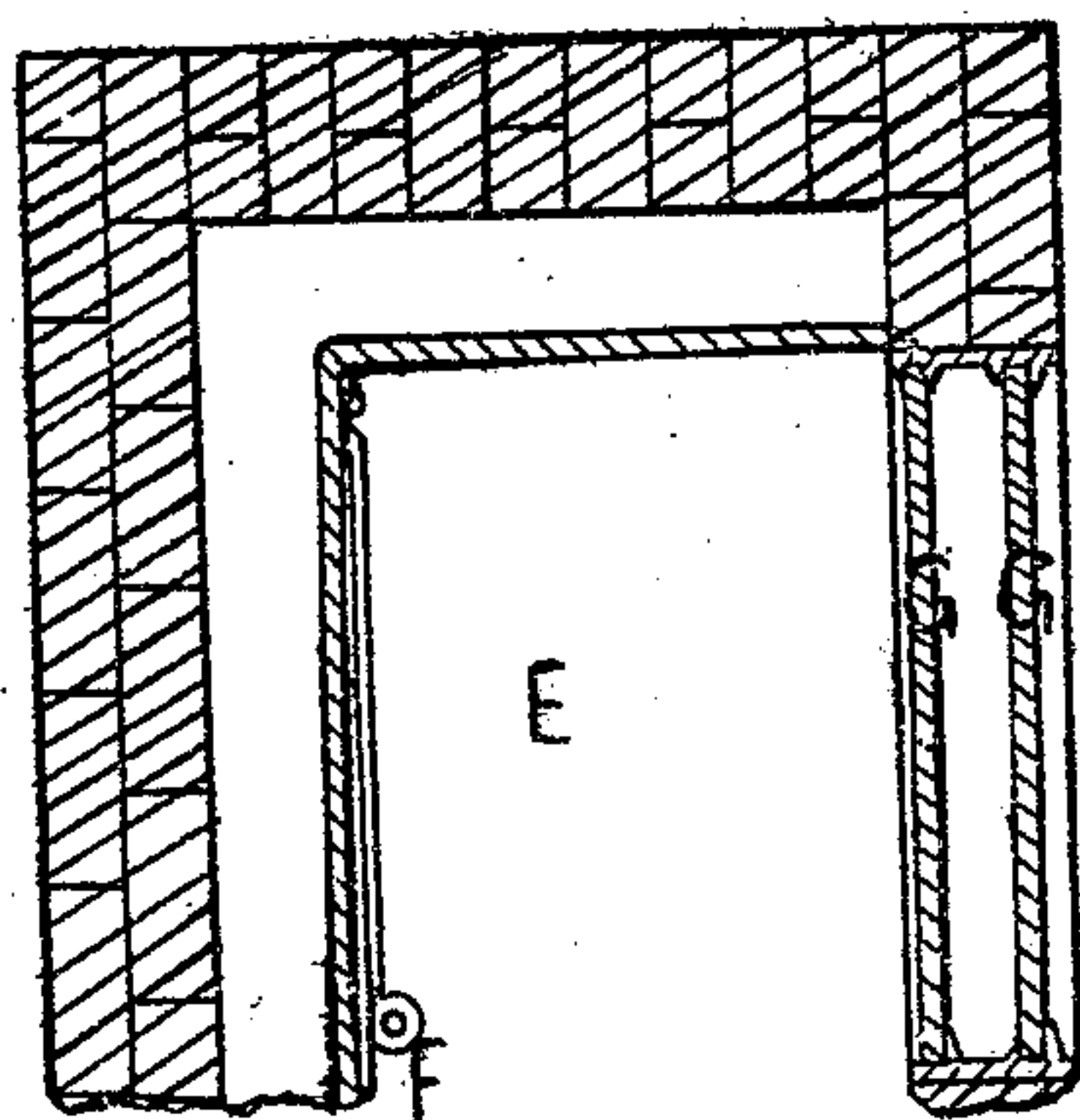


Fig. 2.



Witnesses:

William L. Rausch  
San Francisco

Inventor:

J. C. Van Pelt  
By his Atty  
Ralph B. Ross

# 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.