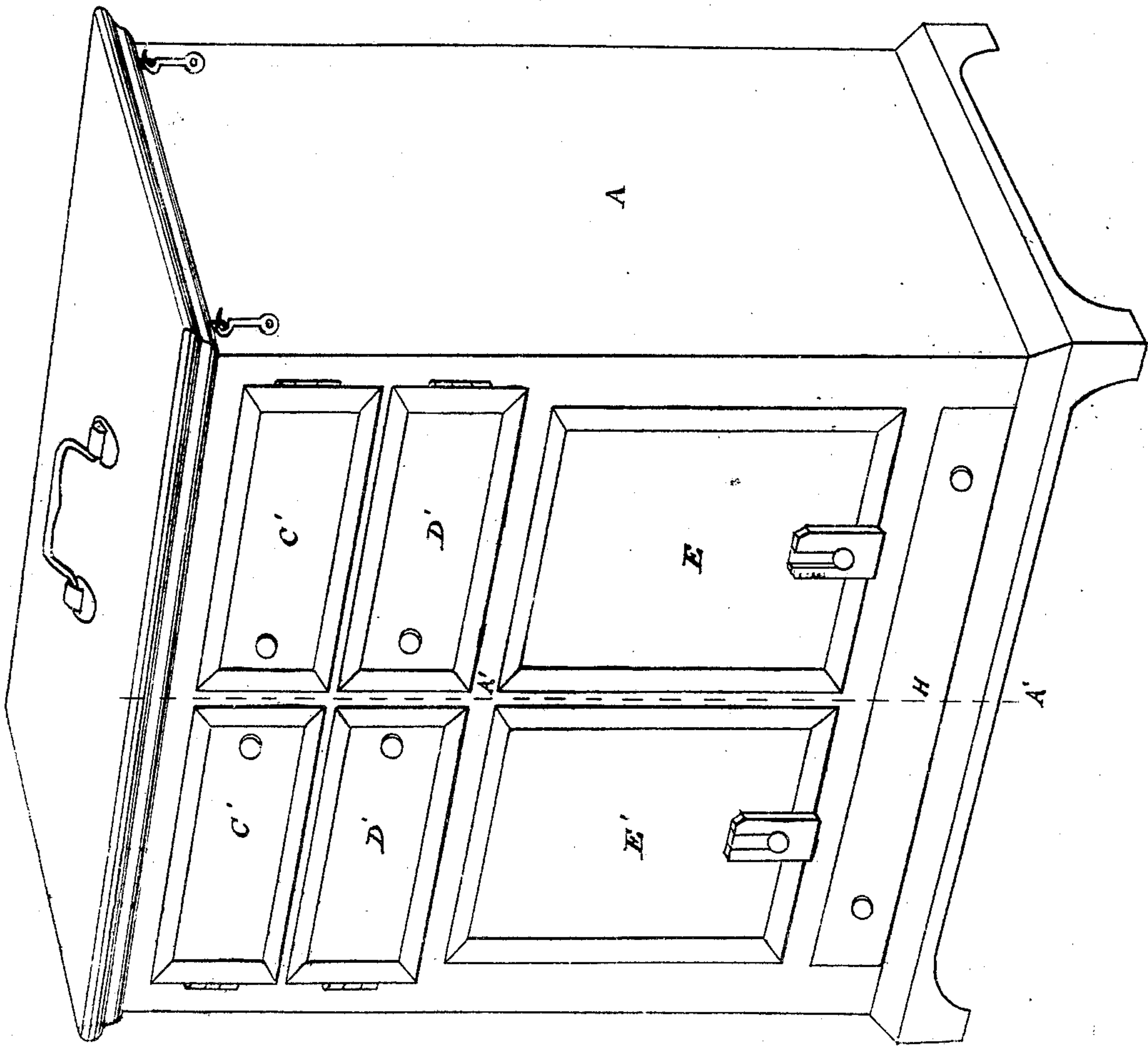


*J. J. Doenken.* *Sheet 1 of 25 Sheets.*  
*Refrigerator.*  
*No 94724. Patented Sept. 14. 1869.*



*Fig. 1.*

*Witnesses.*  
*J. H. Burridge*  
*Frank J. Alden.*

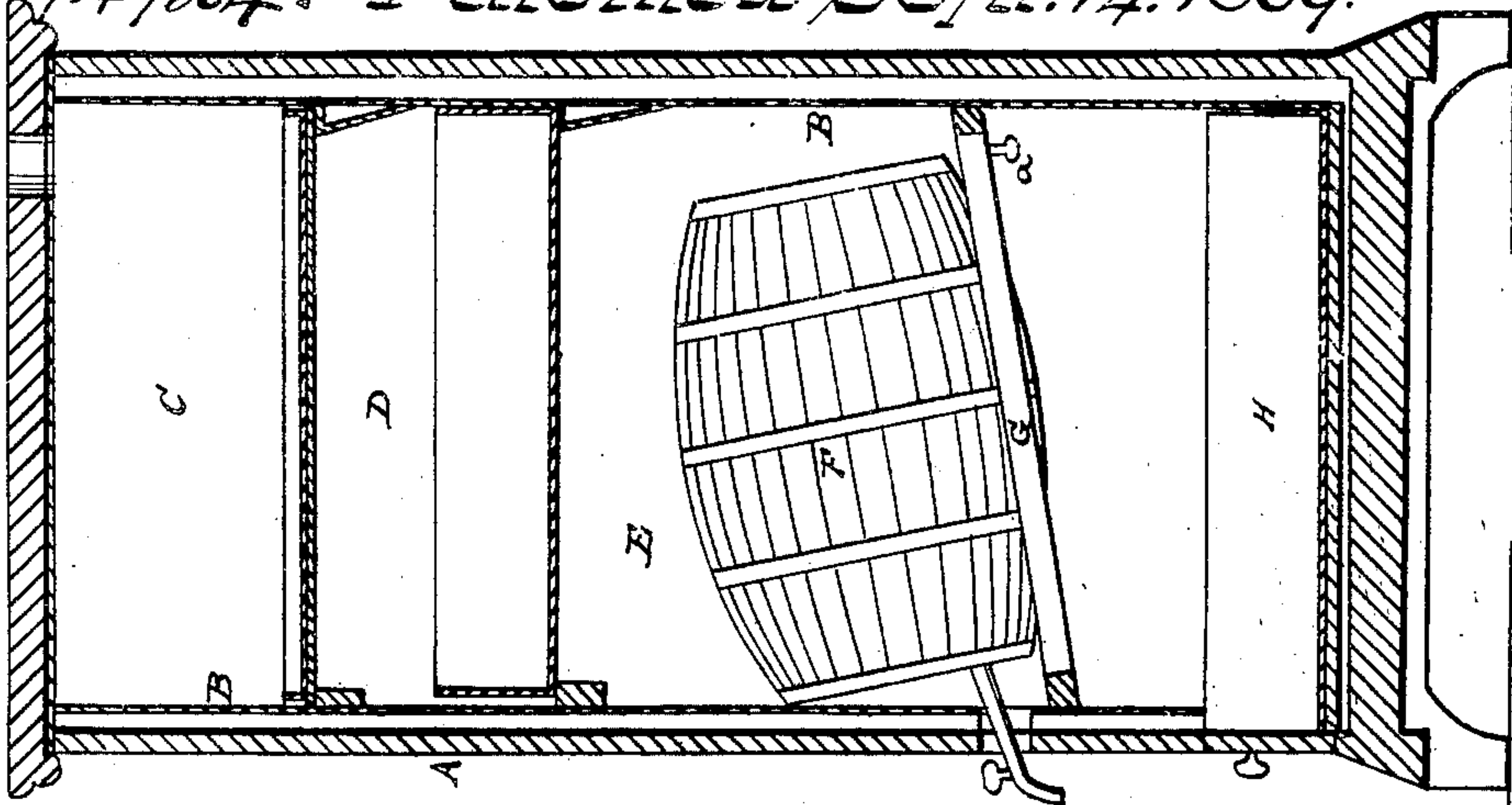
*Inventor.*  
*J. J. Doenken*

*J. J. Doepken* Sheet 2. 2 Sheets

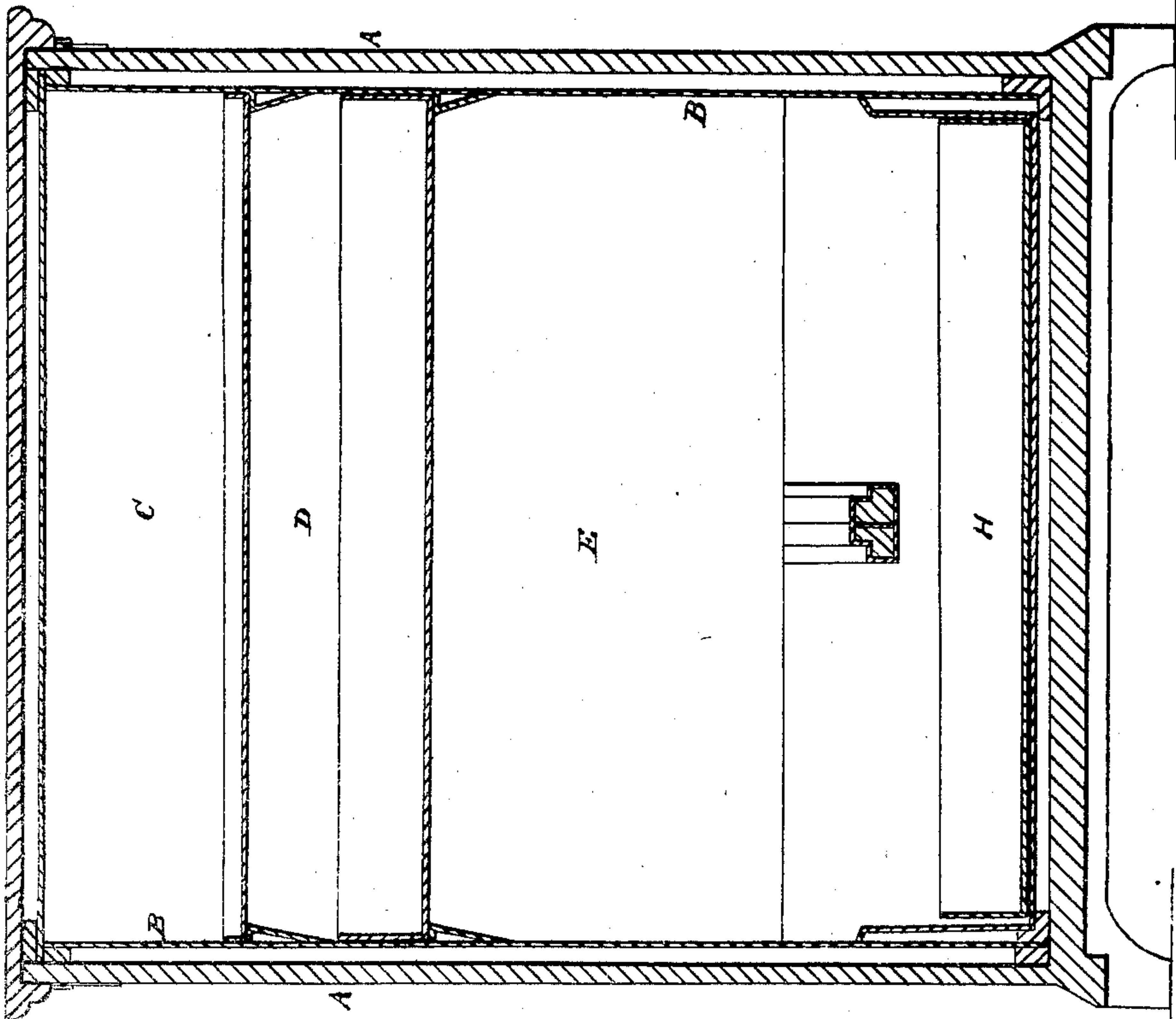
*Refrigerator.*

*N<sup>o</sup> 94724. Patented Sept. 14. 1869.*

*Fig. 3.*



*Fig. 2.*



*Witnesses.*

*J. H. Burridge*  
*Frank J. Alden.*

*Inventor*

*J. J. Doepken*



# United States Patent Office.

J. J. DOEPKEN, OF LIMA, OHIO.

Letters Patent No. 94,724, dated September 14, 1869.

## IMPROVED REFRIGERATOR.

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

### *To all whom it may concern:*

Be it known that I, J. J. DOEPKEN, of Lima, in the county of Allen, and State of Ohio, have invented certain new and useful Improvements in Refrigerators; and I do hereby declare that the following is a full and complete description of the same, reference being had to the accompanying drawing, making part of this specification, in which—

Figure 1 is a perspective view of the refrigerator.

Figure 2, a longitudinal vertical section.

Figure 3, a transverse vertical section.

Like letters of reference refer to like parts in the views presented.

The nature of this invention relates to a refrigerator and provision-safe, the construction and arrangement of which being such that barrels of beer or other liquids can be placed therein; also, articles of provision, as pies, meats, and anything desired to be kept cool and fresh—this refrigerator being intended for the preservation of articles of food, as well as for keeping the same neat and clean, and designed more especially for restaurants, &c.

In fig. 1, A represents the external case or wall of the refrigerator, the same being constructed of wood, and of any desirable size.

Within the outer wall or case is an inner one, of sheet-metal, B, fig. 2, thereby making the refrigerator double-walled, the space between which being filled with some non-heat-conducting material.

A' is a rod reaching from the bottom of the safe to the top, thereby adding strength to the structure.

The upper part of the refrigerator is divided into two compartments, C, being for the reception of articles of food, which are placed therein upon shelves or trays arranged for that purpose. Access is had thereto by means of the doors C', hinged to the case, as shown in fig. 1.

The lower compartment D is intended for ice, which is placed therein in drawers or boxes provided for that purpose, access being had thereto by means of the doors D', fig. 1, hinged to the case in like manner as the doors of the provision-compartment C.

The lower part E, of the refrigerator, is for liquor, which is placed therein in barrels, F, fig. 3. Said bar-

rels are placed upon a frame, G, the rear end of which is elevated, thereby giving the proper tip to the cask, so that its contents may be drawn off.

Immediately below the cask is a drawer, H, the purpose of which is to catch the waste and droppings from the ice and articles of food that may be in the compartment above, thereby preventing an accumulation of waste on the bottom of the refrigerator, which, as ordinarily constructed, cannot be readily removed, in consequence of the cask being in the way, whereas, by the use of the drawer, it can be easily removed, and the refrigerator kept clean and sweet, and free from any offensive odors from the waste that may have accumulated at the bottom under the casks.

By this arrangement of the refrigerator, the ice-box is below the articles of food, and, therefore, the litter occasioned by the storage of ice cannot fall upon it, hence it is always safe from being injured by the waste and droppings from the ice, which fall directly into the drawer, by which it is easily removed from the refrigerator.

So, also, in filling the box with ice, it can be done without exposing the entire inside of the refrigerator to the influence of the warm air without; or in removing articles of food from the safe, or placing the same therein, no exposure is made of the inside to the external air; hence it is kept uniformly cool and free from injury.

As above said, this refrigerator is intended especially for the use of restaurants, and for such purpose it is found very convenient, safe, and easily kept sweet and in good order.

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

The case A B, provided with provision-chamber C, ice-boxes D, compartment E, having inclined frames G and water-drawer H, when constructed and arranged as herein described, for the purpose specified.

J. J. DOEPKEN.

Witnesses:

J. H. BURRIDGE,  
E. E. WAITE.