

(No Model.)

J. B. ANDERSON.  
APPARATUS FOR PRESERVING FOOD.

No. 427,822.

Patented May 13, 1890.

FIG. 1.

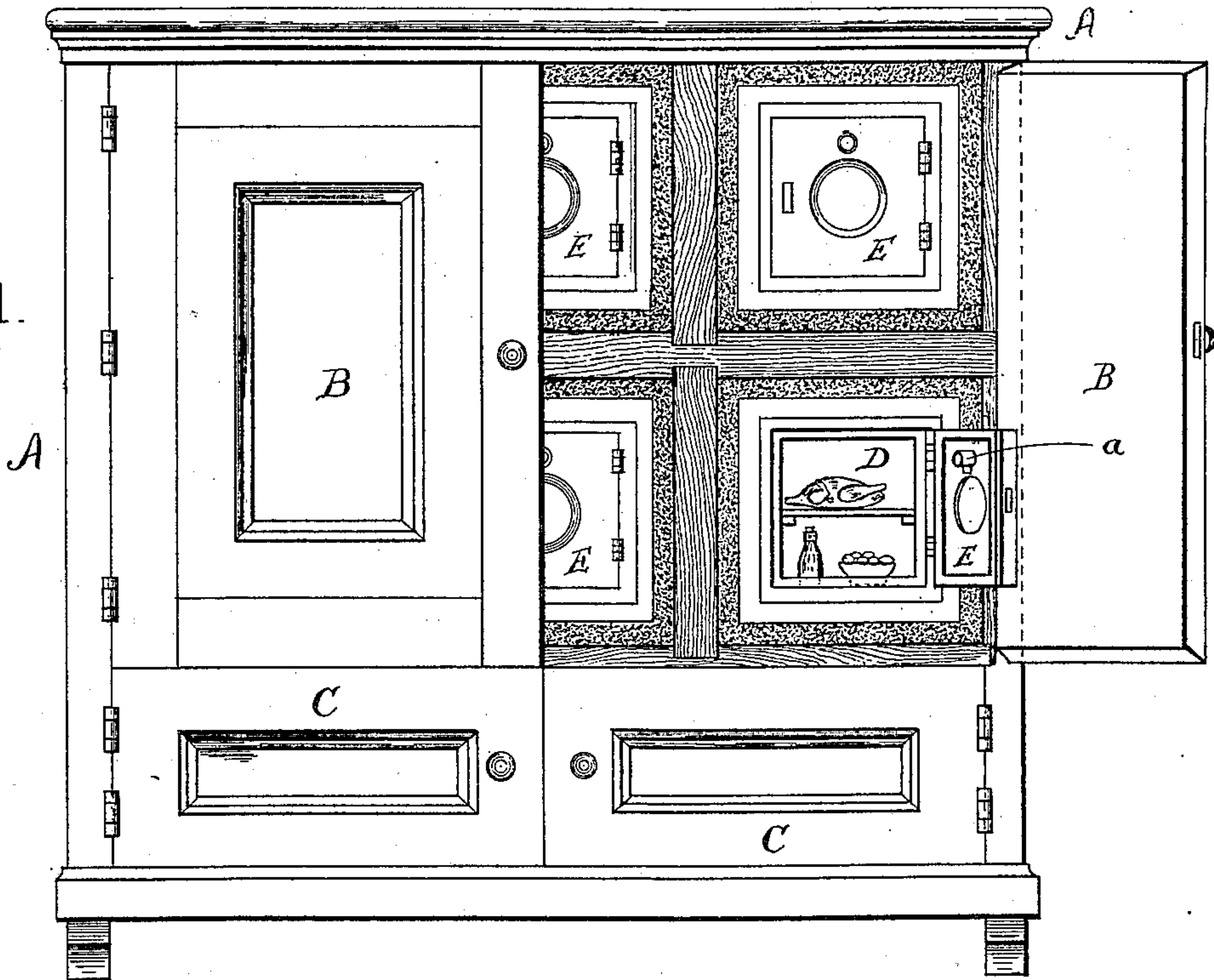
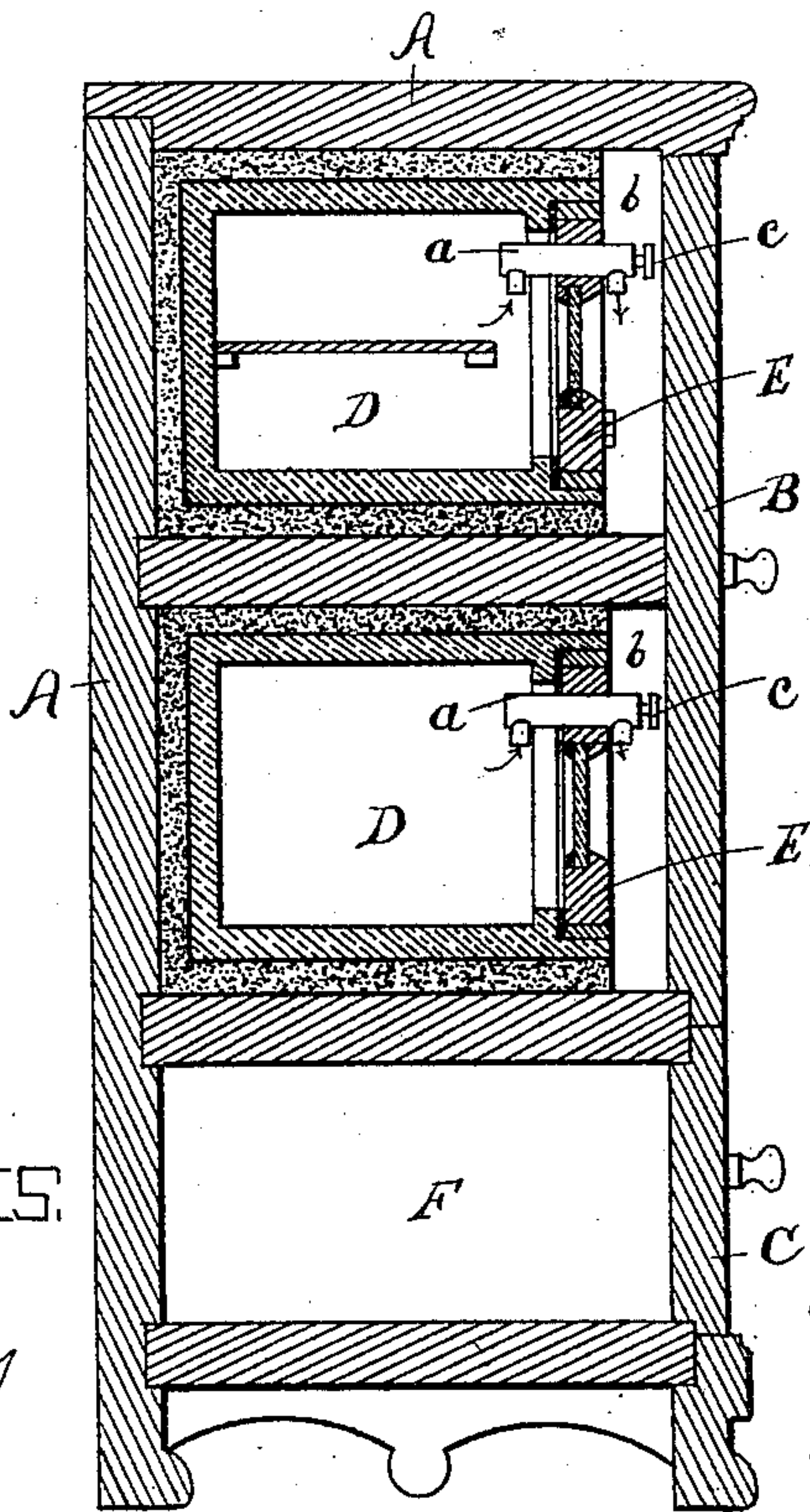


FIG. 2.



WITNESSES:

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J. Burnham Anderson  
By  
Wm. Brown & Crossley.  
attys.



# UNITED STATES PATENT OFFICE.

JOSIAH BURNHAM ANDERSON, OF BOSTON, MASSACHUSETTS, ASSIGNOR TO  
GEORGE H. HEATH, OF SAME PLACE.

## APPARATUS FOR PRESERVING FOOD.

SPECIFICATION forming part of Letters Patent No. 427,822, dated May 13, 1890.

Application filed September 16, 1889. Serial No. 324,058. (No model.)

*To all whom it may concern:*

Be it known that I, JOSIAH BURNHAM ANDERSON, of Boston, in the county of Suffolk and State of Massachusetts, have invented  
5 certain new and useful Improvements in the Method of and Apparatus for Preserving Food and other Articles, of which the following is a specification.

The object of my invention is to provide a  
10 novel method of and apparatus for preserving food and other articles; and it consists in a series of independent and separate apartments or compartments connected together in a case so as to form a species of a refrigerator, but each of which compartments is independent and air-tight of the other and has  
15 its independent pipe for exhausting the air, and further constructed and arranged as hereinafter described and claimed.

20 In the accompanying drawings, Figure 1 illustrates a front elevation of my improved preserving apparatus or refrigerator with one of the outside doors and one of the compartment-doors open. Fig. 2 is a transverse vertical section through the compartments.  
25

Similar letters represent like parts in both of the figures.

A is an outer casing, having the doors B B and C C. The upper portion of said casing  
30 A incloses the air-tight compartments D, each of which is independent of and disconnected from the others, said compartments being preferably separated from each other by the ordinary metal walls and filling now used  
35 in refrigerators. Each compartment D is provided with an air-tight door E, and also each compartment has an air-tube *a* entering the same through its door B, said tube being connected with an air-pump for exhausting the air from the compartment. I have  
40 shown in the drawings the air-tubes *a* as passing through the doors E; but said tubes may,

if desired, enter the compartments D in any other manner—as, for example, through the walls.

I have shown in the drawings a very simple form of air-pump, the tube *a* forming the casing or cylinder for the same, and the piston-rod *b* having the handle *c* at its other end for operating said piston. The course of the exhaust-air is indicated by the arrows in Fig. 2. 45

A separate compartment F in the bottom of the casing A may be used for ice; but this compartment is entirely disconnected and separated from the compartments D, and is  
55 not an important feature of my invention.

By my invention the necessity of using ice and the trouble and expense incurred thereby are avoided, and the exhaust-tube and air-pump attachments—such as above described, 60 and shown in the drawings—are very simple and inexpensive.

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

An improved apparatus for preserving food 65 and other articles, consisting of a case provided with a series of compartments entirely inclosed in said case and separated from each other by partitions, each independent compartment provided with an air-tight lining 70 and each having an independent tube entering the same, and an air-pump connected with each of said tubes, whereby each compartment may be independently exhausted of air or its readmission thereto prevented, substantially as described. 75

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses, this 12th day of September, A. D. 1889.

J. BURNHAM ANDERSON.

Witnesses:

ARTHUR W. CROSSLEY,  
A. D. HARRISON.