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PATENTED APR. 21, 1903.

A. L. SHANKLIN & J. G. HAUSAM.

REFRIGERATOR DOOR.

APPLICATION FILED SEPT. 2, 1902.

NO MODEL.

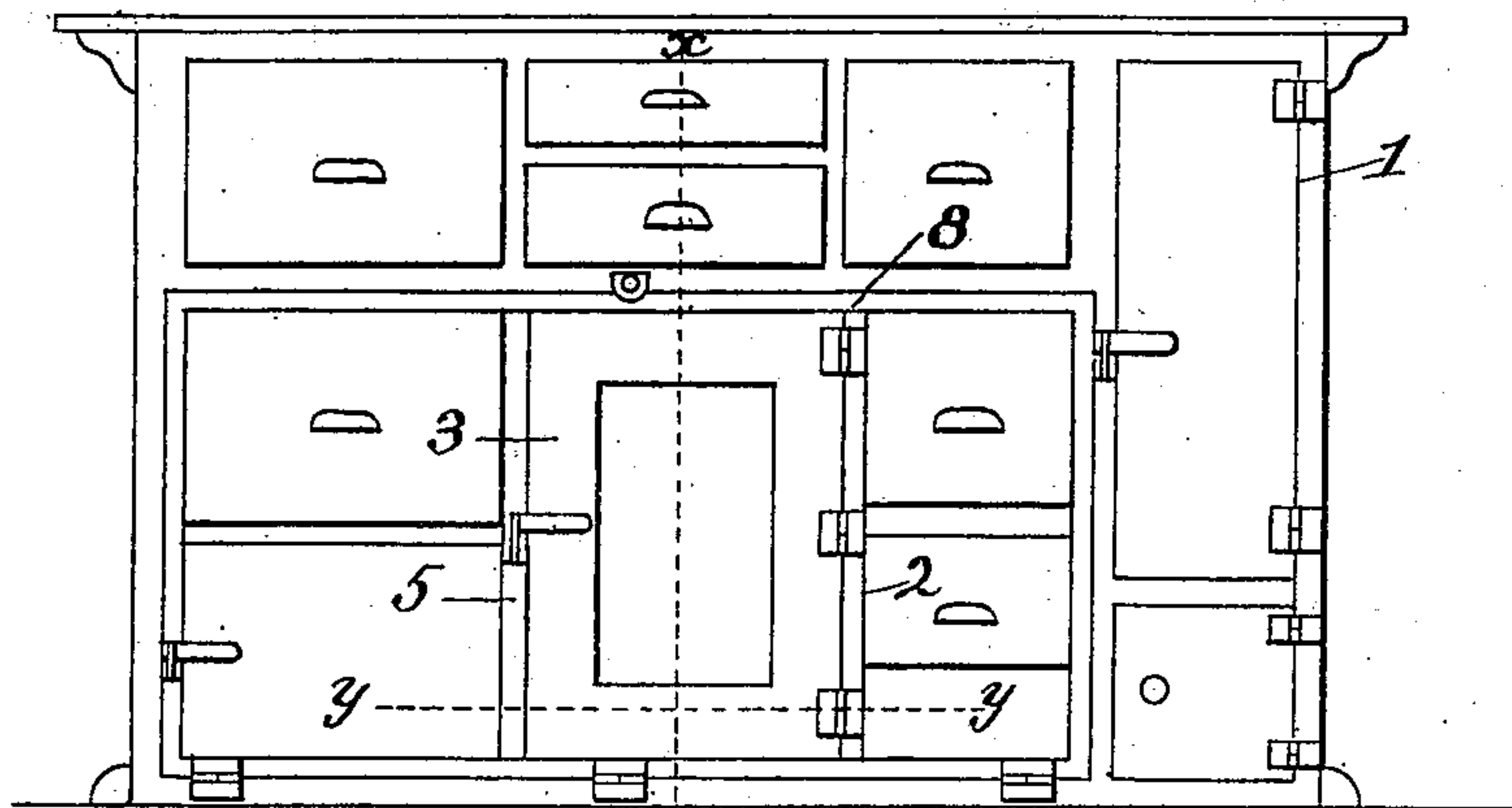


Fig. 1.

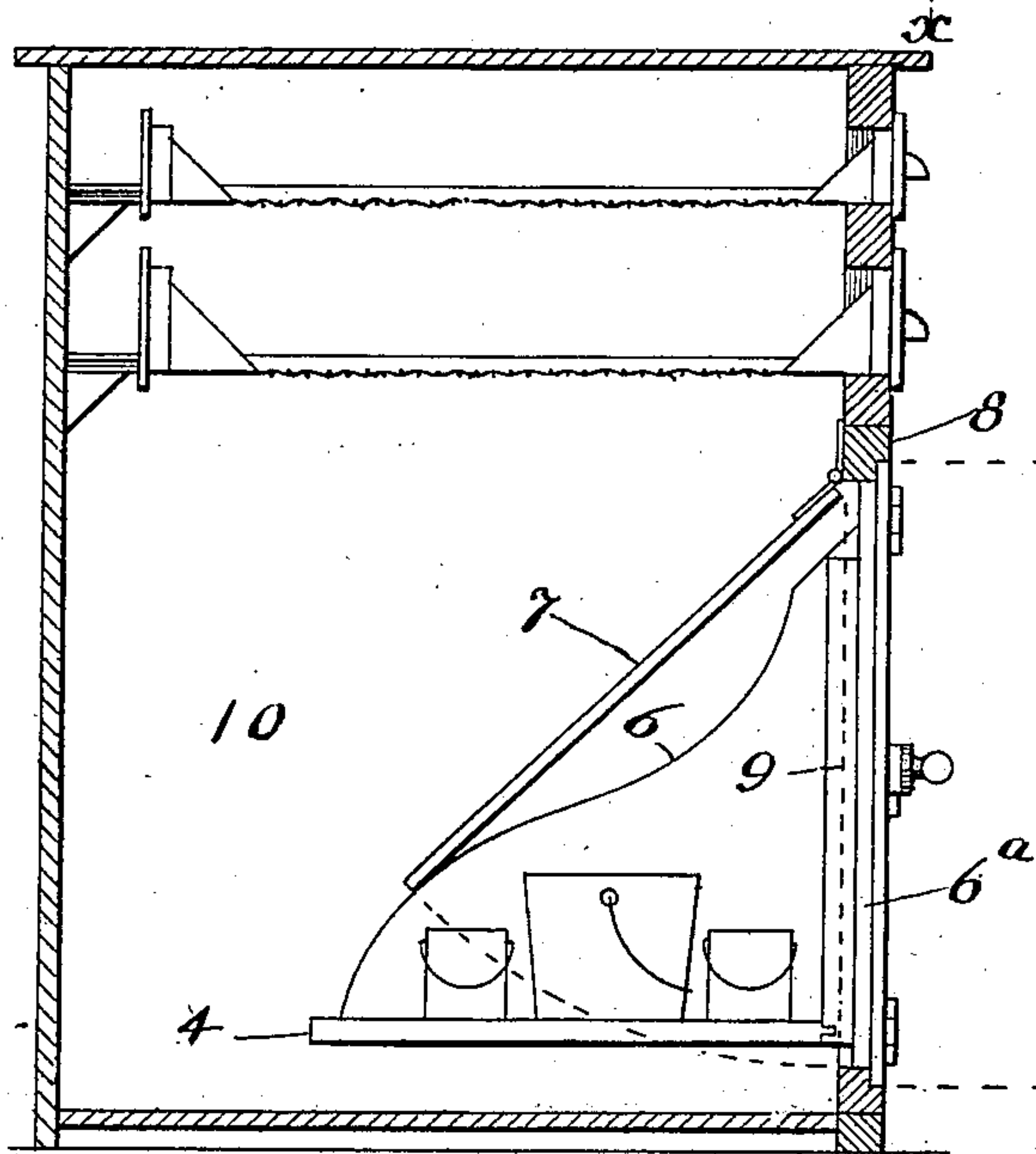


Fig. 2.

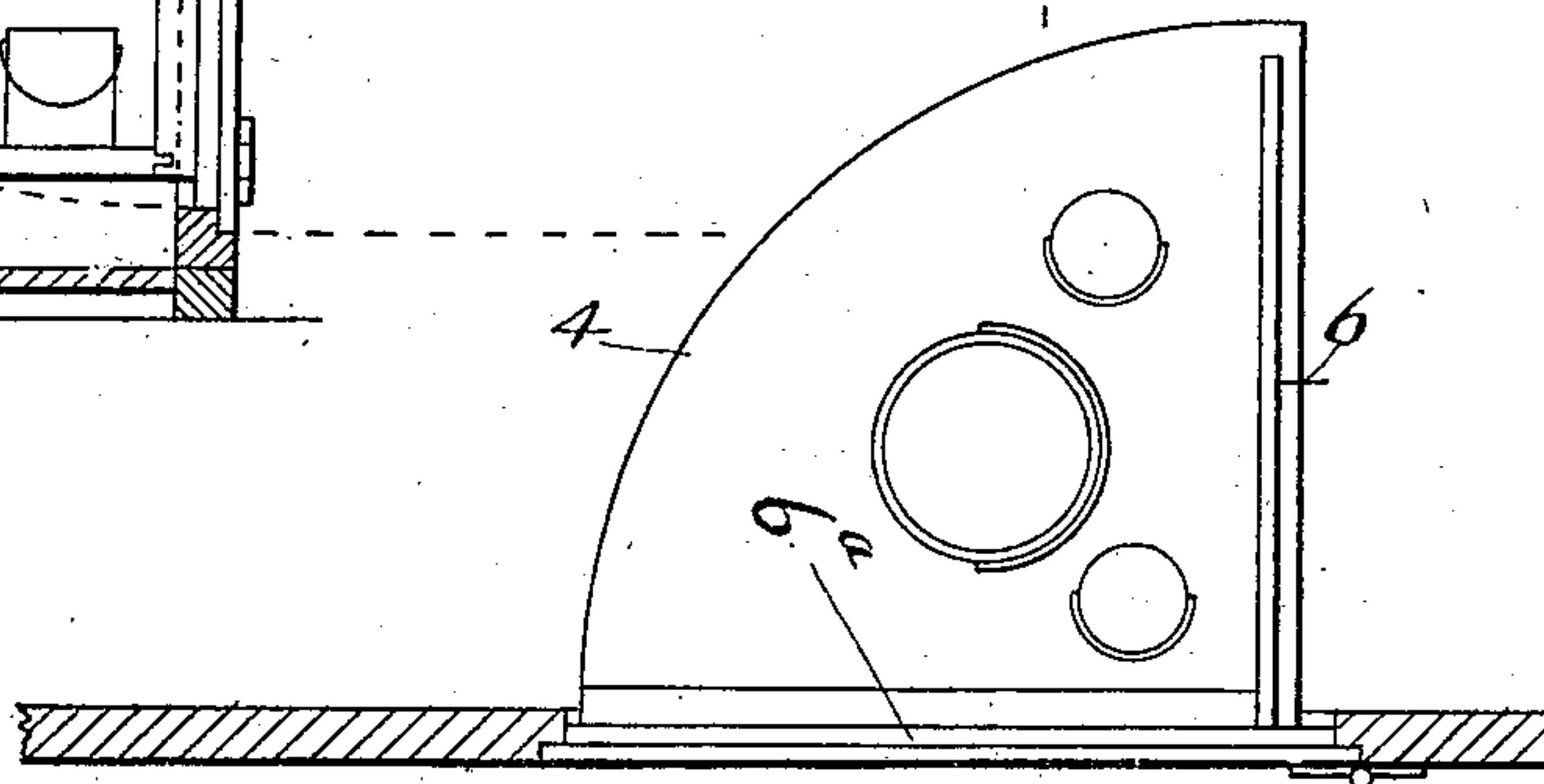


Fig. 3.

WITNESSES:

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# UNITED STATES PATENT OFFICE.

ALEXANDER L. SHANKLIN AND JACOB G. HAUSAM, OF KANSAS CITY,  
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## REFRIGERATOR-DOOR.

SPECIFICATION forming part of Letters Patent No. 725,783, dated April 21, 1903.

Application filed September 2, 1902. Serial No. 121,912. (No model.)

*To all whom it may concern:*

Be it known that we, ALEXANDER L. SHANKLIN and JACOB G. HAUSAM, citizens of the United States, residing in Kansas City, in the county of Jackson and State of Missouri, have invented a new and useful Improvement in Refrigerator-Doors, of which the following is a specification.

Our invention relates to the combination of an outside shelf-carrying side-swinging door and an inside depending door for refrigerators and ice-chests adapted to work alternately together, the object being to prevent the ingress of warm air to the inside of the chest when the outside door is standing open and to protect the products that may be placed on the shelf carried by the outside door from the impure drippings from meat-drawers that may be arranged immediately over said shelf.

With the above object in view we will now proceed to describe our invention by referring to the drawings, in which—

Figure 1 is a front elevation of a refrigerator or an ice-chest. Fig. 2 is a vertical cross-section of Fig. 1, taken on line X X thereof. Fig. 3 is a horizontal section taken on line Y Y of Fig. 1 just above the swinging shelf, disclosing same in plan.

1 designates the front of a refrigerator or ice-chest to which our invention is applicable. Vertically hung to a door-post 2 is a door 3, that swings outward. Rigidly secured to the inside of said door, at the lower end thereof, is a shelf 4 with one corner rounded, as seen at Fig. 3. The object of rounding one corner of this shelf is that when the door 3 is being opened and closed it will swing out and in the refrigerator without coming in contact with the opposite door-post 5. The object of said shelf is to place perishable articles thereon—such as cans or firkins of lard, butter, eggs, vegetables, &c.—as indicated in Figs. 2 and 3.

We have further provided a bracket 6 with its upper edge curved, as shown, secured at a right angle to the inside of the door 3 near the hanging edge and horizontally secured to the shelf 4, as indicated at Fig. 2. This bracket

serves a double purpose—first, to strengthen the carrying capacity of shelf 4. The second purpose will be referred to farther on.

We have further provided a depending inside door or trap 7, which is pivotally suspended from cross-beam 8. This door automatically closes and also serves a double purpose. First, when the outside door 3 is opened the inside depending door 7 will automatically close the door-opening, as indicated by dotted lines 9, which will prevent the ingress of warm air to the large chamber 10 of the refrigerator. The second purpose of said depending door 7 is to shield or shed the products that may be placed upon the swinging shelf 4 from the drippings of small meat or vegetable drawers that have foraminous bottoms, such as are indicated in Figs. 1 and 2.

Referring to the second purpose of the bracket 6, it, being secured to the inside hanging edge of the outside door 3 and the swinging shelf 4, when said door stands open the bracket 6 will stand between the two door-posts 2 and 5, as indicated at 6<sup>a</sup>, Figs. 2 and 3, in front of the depending door, so that when the outside door is being closed the curved upper edge of the bracket engages the underside of the depending door 7 and forces it to the position seen at Fig. 2.

Having now fully described our invention, what we claim as new, and desire to secure by Letters Patent of the United States, is—

Refrigerator or ice-chest doors, the combination of an outside and inside door, the inside door actuated by the movement of the outside door, a shelf carried by said outside door, a bracket secured to the inside of the outside door, and to the shelf, said bracket is adapted to raise the inside door in the closing movements of the outside door, substantially as shown and described.

In testimony whereof we affix our signatures in the presence of two witnesses.

ALEXANDER L. SHANKLIN.

JACOB G. HAUSAM.

Witnesses:

K. M. IMBODEN,

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