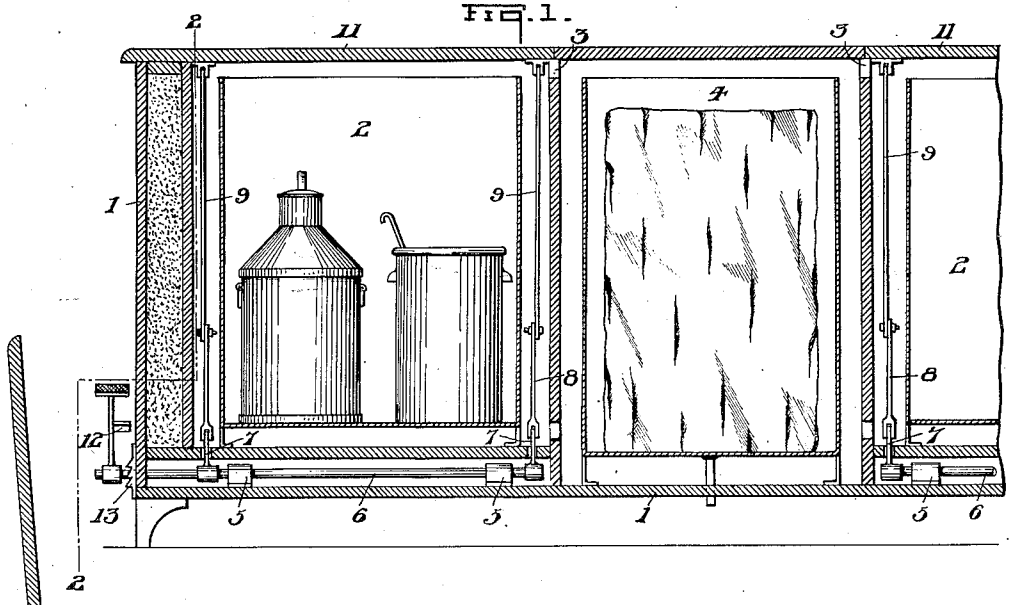
No. 857,887. PATENTED JUNE 25, 1907.

R. E. MILLER.

REFRIGERATOR.

APPLICATION FILED JUNE 20, 1906.

Fig. 1.



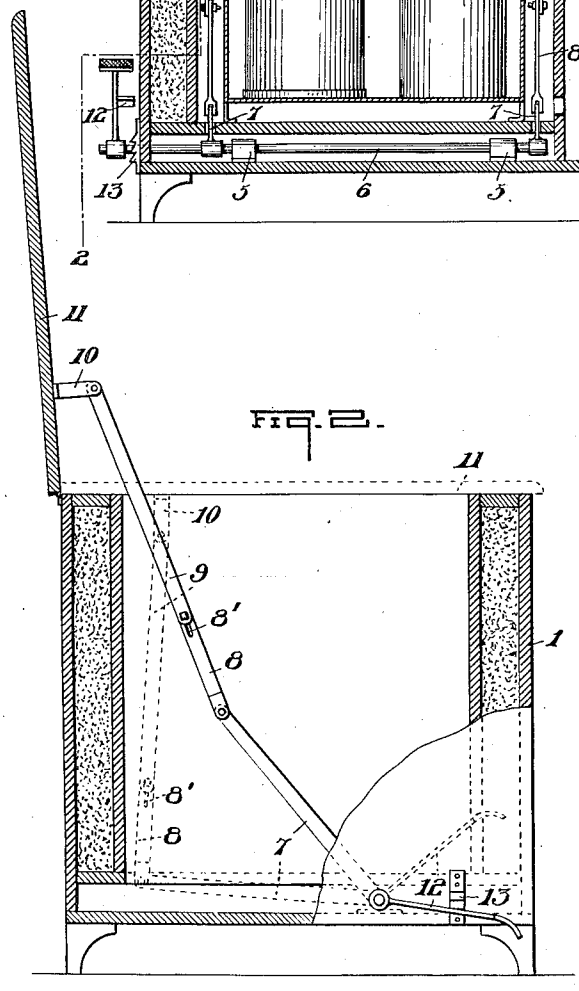
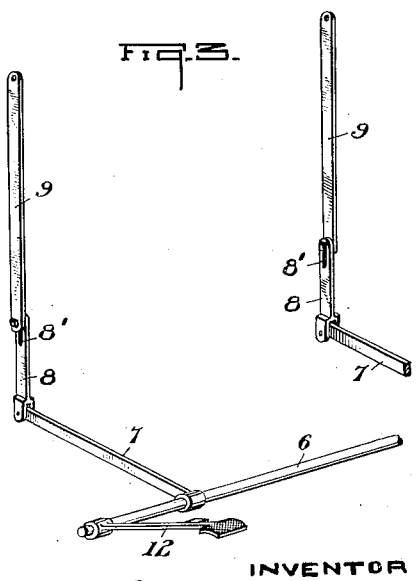


Fig. 2.

Fig. 3.



WITNESSES:

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ROSELLA E. MILLER, OF PITCAIRN, PENNSYLVANIA.

REFRIGERATOR.

No. 857,887. Specification of Letters Patent. Patented June 25, 1907.

Application filed June 20, 1906. Serial No. 322,503.

To all whom it may concern:

Be it known that I, ROSELLA E. MILLER, a citizen of the United States, residing at Pitcairn, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Refrigerators; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

My invention relates to a new and useful improvement in refrigerators being so arranged and adapted that it may be utilized as a store counter having a plurality of compartments each one being contiguous to an ice storage chamber.

A further advantage contained in my invention is the novel means for raising and holding suspended the lid of each compartment, which will be fully described hereinafter.

In the accompanying drawing forming part of this specification, I have shown several detail views of my invention:

Figure 1 being a longitudinal section of my improved counter refrigerator. Fig. 2 is a cross section on line 2—2 of Fig. 1. Fig. 3 is a detailed view of the operating levers used to raise the lids.

Throughout the drawing the numeral 1 indicates the body portion, or frame work, constituting the refrigerator, which is constructed in the well known manner common to devices of this character. The interior of the refrigerator is divided into a plurality of independent provision compartments 2—2, each one communicating by means of air passages 3 with an ice storage chamber 4.

Operatively seated in housings 5 beneath the floor of each compartment 2 are rocker shafts 6 to which are rigidly attached the levers 7 which operate through the floor and between the lining and walls of each provision compartment. To the free end of each lever 7 is pivotally connected a short link 8, the latter having a slot 8′ cut in one end thereof to receive an adjusting means. Coupled to the slotted end of each link 8 is another link 9, which is in turn pivotally connected with a knuckle 10 secured to the under side of each lid 11. On the outer end of the rocker shaft 6 is arranged a tread 12 which is adapted to engage in a ratchet 13 secured to the side of the frame work 1, and serves as a locking means to hold the lid 11 in suspended position.

In the use of my invention I desire particularly to utilize the device as a store counter and refrigerator it being understood that any number of compartments may be combined in the construction shown in the drawing. The adjustable lid serves as the top of the counter and when it is desired to place anything in the air cooled compartments, or remove articles therefrom, the operator simply presses with the foot on the pedal 12, which in its normal position is as shown by dotted lines in Fig. 2 of the drawing. When pressure is brought to bear on said pedal 12 the rocker shaft revolves in the bearings 5, thereby drawing upward the levers 7—7, exerting an upward pushing movement of the links 9—9 which in turn raises the lid 11 to any desirable angle; where it will be held in suspended position by locking the pedal 12 in the ratchet 13.

By means of the slot 8′ formed in the link 8 an adjusting feature is provided between said link and longer link 9, which will afford a means for lengthening or shortening the upward thrust and thereby govern the angle at which the lid 11 is to be raised.

In lowering the lid to its normal seat the contact between the pedal and ratchet is released and the lid allowed to slowly descend.

Cold air from the ice storage compartment 4 will be admitted into the provision chambers 2 through the openings 3.

Having thus fully shown and described my invention, what I claim as new, and desire to secure by Letters Patent is:

In combination with a receptacle having a hinged cover and a double bottom, a rocker shaft mounted in the double bottom and extending to the exterior of the casing, levers fixed to the shaft and extending through perforations in the bottom, links hinged to the levers, and additional links adjustably pivoted to the first named links and the cover of the receptacle, a pedal fixed to the shaft on the portion exterior of the receptacle, a ratchet on the exterior of the receptacle and a lug on the lever to engage the ratchet.

In testimony whereof, I affix my signature, in presence of two witnesses.

ROSELLA E. MILLER.

Witnesses:

BEATRICE FITZGERALD,

J. P. APPLEMAN.