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V. P. WARREN

REFRIGERATOR ICE TANK SUPPORT

Filed Dec. 2, 1924

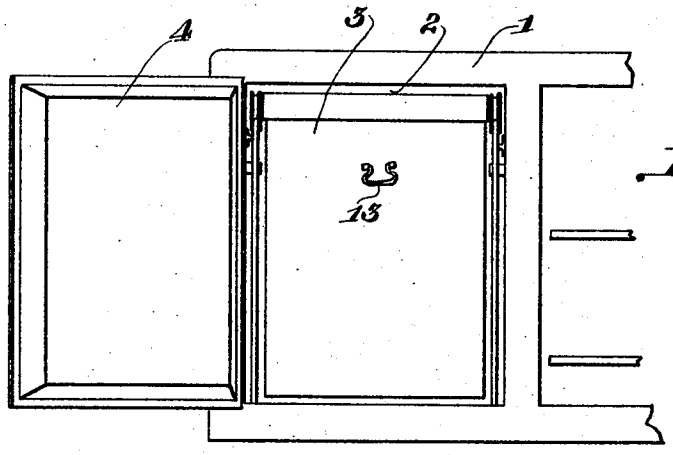


Fig. 1.

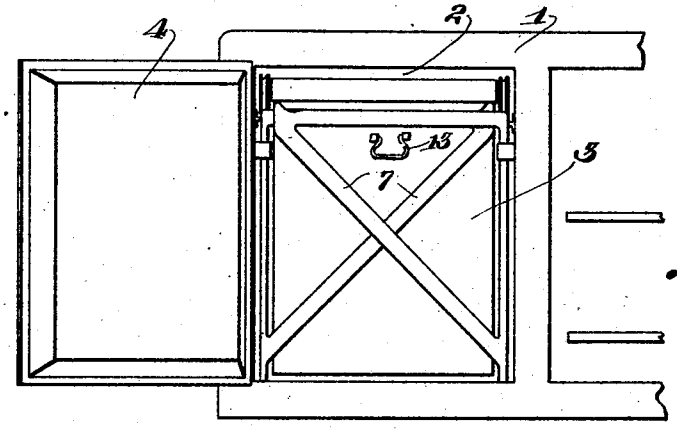


Fig. 2.

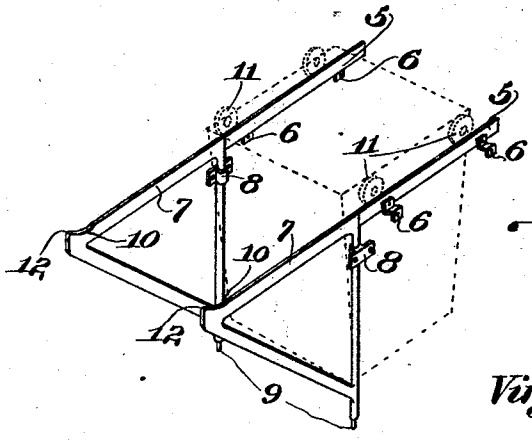


Fig. 3.

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UNITED STATES PATENT OFFICE.

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REFRIGERATOR-ICE-TANK SUPPORT.

Application filed December 2, 1924. Serial No. 753,509.

This invention relates to improvements in frigerator ice tank supports, and more particularly to a pivoted support which normally will be folded in front of a refrigerator ice tank, but when it is desired to place additional ice in the tank, the supports will be swung outwardly parallel with each other so as to provide a trackway upon which the supporting wheels of the ice tank may run, as the said tank is pulled out of the refrigerator cabinet.

The object of the invention is to provide a pair of oppositely disposed track members in a refrigerator case which will support a roller mounted ice tank and the further provision of a pair of pivotally mounted triangular shaped track frames, which will normally be folded within the refrigerator casing but which may be swung outwardly until they are parallel with each other so that the roller mounted ice tank may readily be withdrawn from the refrigerator cabinet to be iced.

Other objects will appear as the description proceeds.

In the accompanying drawings which form a part of my application,

Figure 1 is a front elevation on one end of a refrigerator case showing the pivoted track frames in extended position;

Figure 2 is a similar view to Figure 1, but showing pivoted track frames in folded position, and

Figure 3 is a prospective view spaced tank supporting the tracks and pivot track members, showing the relative position of an ice tank when supported on the said track.

Like characters of reference are used throughout the following specification and the accompanying drawings to designate corresponding parts.

A suitable refrigerator case 1 is provided at one or both ends of a compartment 2 in which the ice tank 3 will be housed. A door 4 will be suitably hinged to the case 1 and will normally close the compartment 2.

Disposed at opposite sides of the compartment 2, and adjacent the upper portion thereof, are the spaced track members 5 which are secured to the opposite walls thereof by the bracket members 6.

Substantial triangular shaped track members 7 are pivoted in the tracks 8 forwardly of the track members 5, and are provided at the lower ends with the extensions 9 which will seat in, or rotate in suitable sockets not showing in the floor of the refrigerator case, 1. The outside ends of the triangular shaped truck frames 7 are notched as at 10 so that when the ice tank 3 is withdrawn from the refrigerator case, the forward walls 11 will be received in the said notches but holding the tank in extended position. The extreme outer ends of the track members 7 are provided with raised portions 12, so that there will be absolutely no chance of the ice tank 3 being withdrawn so far that it will run over the ends of the said track members. It is intended that the track member on the left of the compartment, as illustrated in Figures 1 and 2, will be set back a slight distance beyond the track member on the right hand side of the compartment. This construction provides for the ready folding of the track members after the ice tank has been iced, so that the door 4 may readily be closed.

It will readily be seen that the mode of operation of my improved ice tank support is as follows: The door 4 will be opened wide and the track members 7 will be swung outwardly. After this, the handle 13 will be grasped and the ice tank withdrawn from the compartment 2. As soon as the forward walls 11 engage the upper surface of the track members 7, the said members will assume a parallel relation and will be held in this manner as long as the ice tank 3 is supported thereon. As before mentioned, the upper surfaces of the track members 7 are provided with notches 10 for the reception of the walls 11 of the ice tank 3 when the same is in extended or withdrawn position. After the ice tank has been iced, the same will be again pushed back into the compartment 2 and the track members 7 folded, and the door again swung to, and locked.

Many minor changes in detail of construction may be resorted to without departure from the spirit of the invention.

I claim:

1. A refrigerator ice tank support comprising a pair of spaced track members, a pair of pivoted track frames positioned in front of said track members and each adapted to swing horizontally about a vertical axis, one of said track frames being pivoted slightly forward of the other of said frames.

2. A refrigerator ice tank support comprising a pair of spaced track members, a

pair of pivoted track frames positioned in front of said track members and each adapted to swing horizontally about a vertical axis, one of said track frames being pivoted slightly forward of the other of said frames, and means at the forward end of said track frames for limiting the outward movement of the ice tank.

3. In a refrigerator construction, the combination of an ice tank compartment, spaced track members disposed on opposite walls thereof, a pair of track frames, each pivoted on a vertical axis forwardly of said track members, one of said track frames being positioned slightly to the rear of the other frame, an ice tank provided with supporting rollers, supported upon said spaced track members, and means at the outer ends of said track frames for limiting the distance said ice tank can be withdrawn.

In testimony whereof I affix my signature.

VIRGIL P. WARREN.