

971,059.

F. LUTZ.
REFRIGERATOR MOUNTING.
APPLICATION FILED FEB. 2, 1910.

Patented Sept. 27, 1910.

3 SHEETS—SHEET 1.

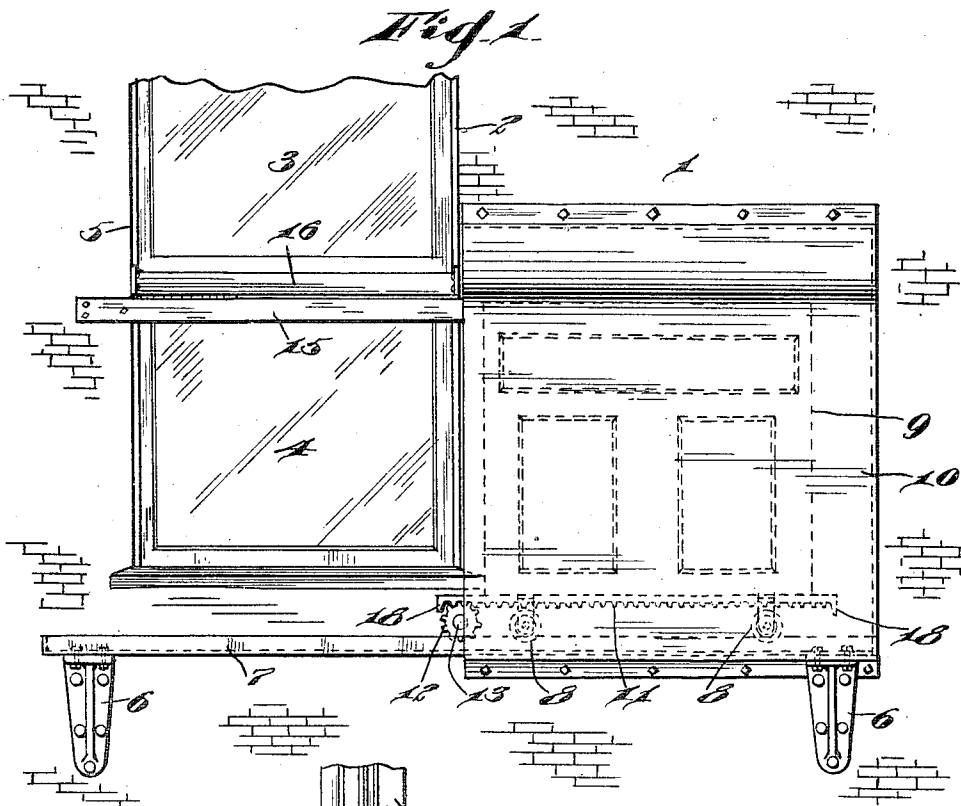
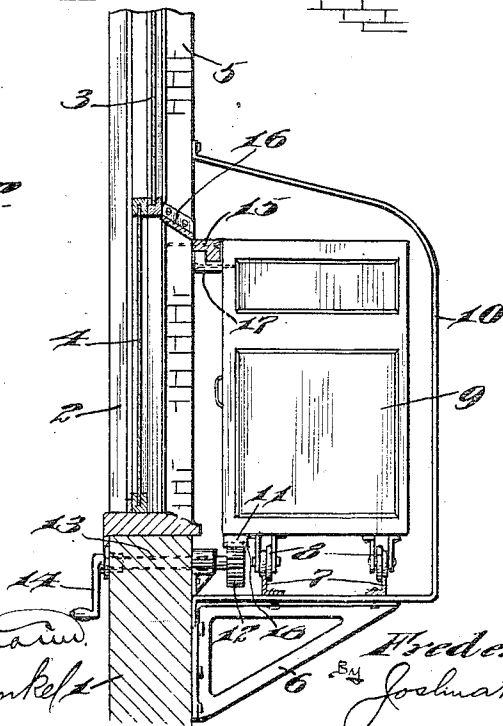


Fig. 2



Witnesses
Chas. Rosenbaum
R. H. Greenleaf

Inventor

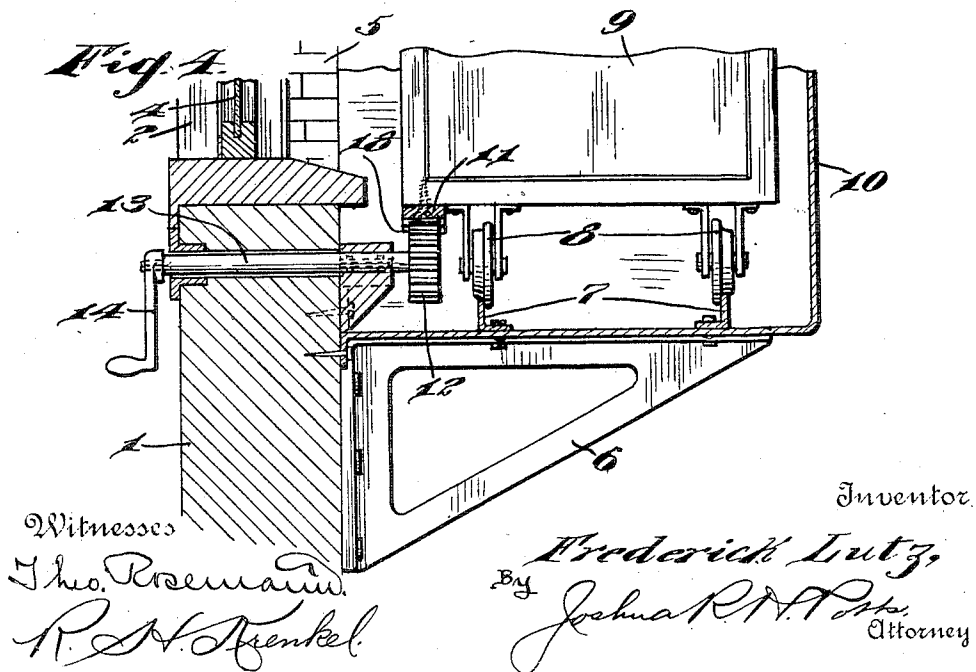
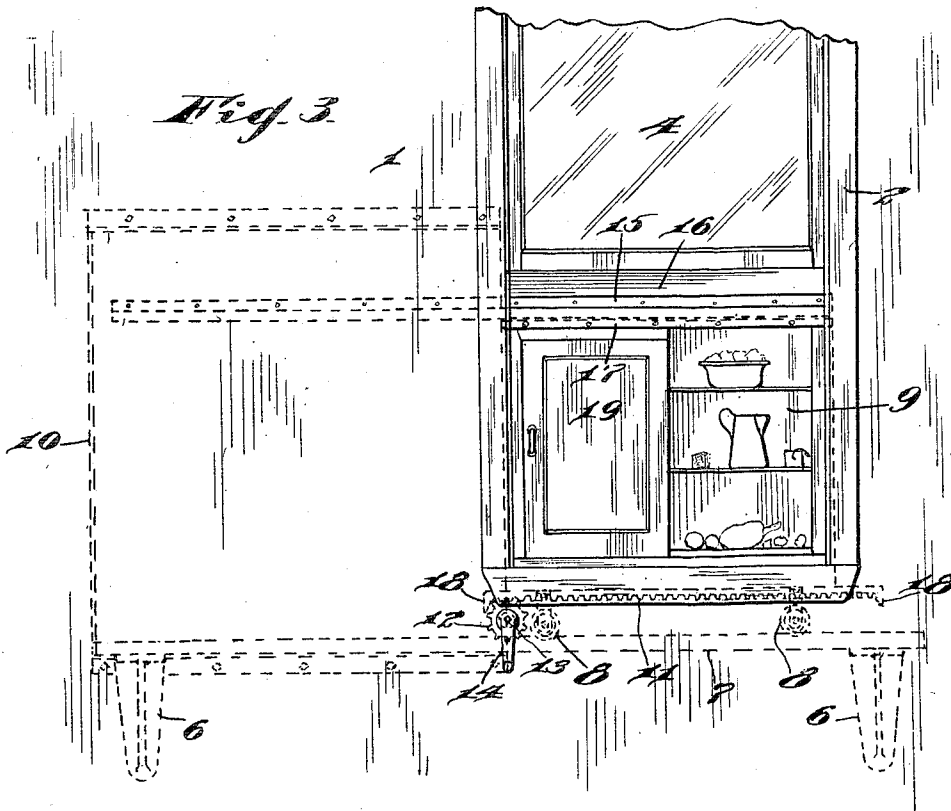
Frederick Lutz,
By Joshua R. A. Peters, Attorney

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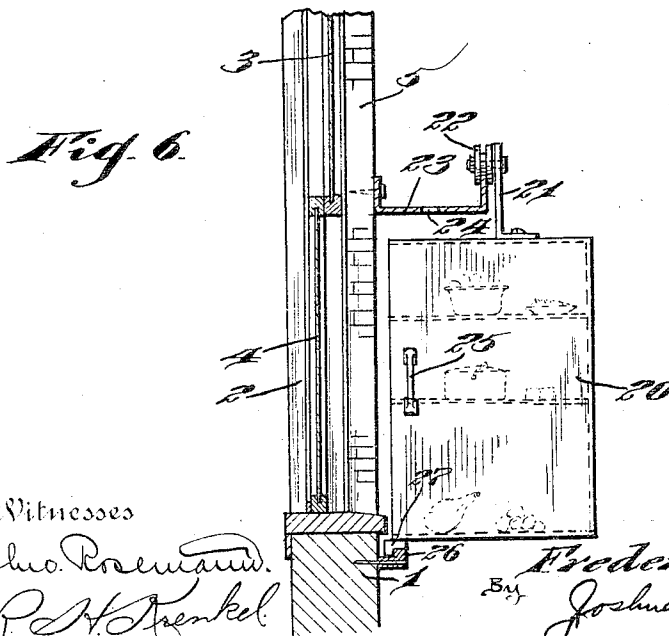
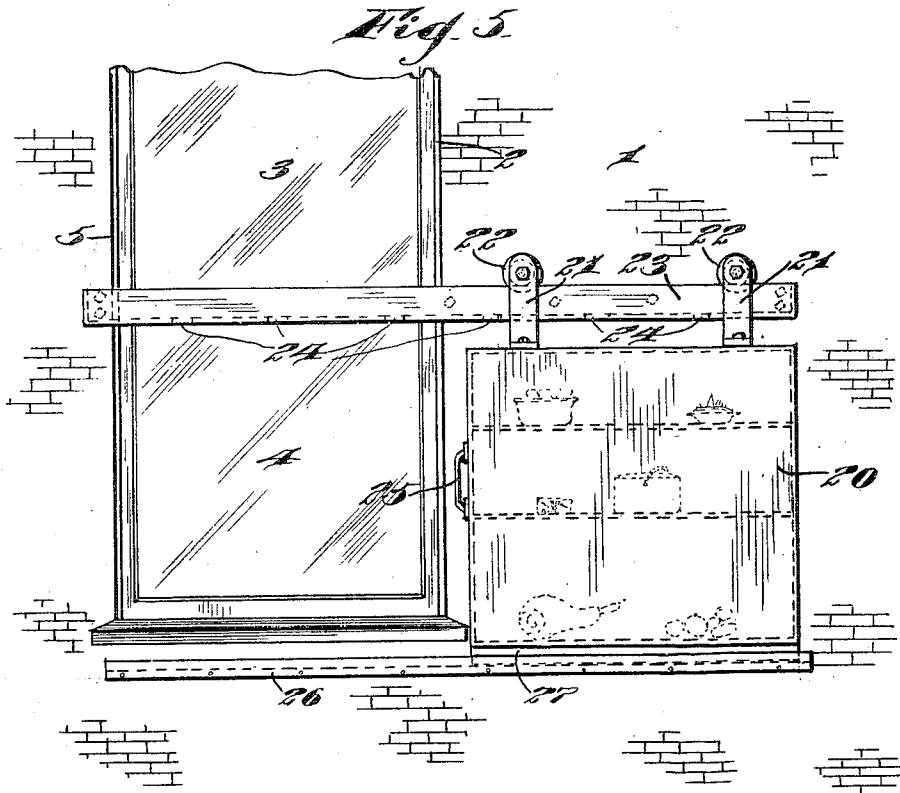


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3 SHEETS—SHEET 3.



Witnesses
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UNITED STATES PATENT OFFICE.

FREDERICK LUTZ, OF PHILADELPHIA, PENNSYLVANIA.

REFRIGERATOR-MOUNTING.

971,059.

Specification of Letters Patent. Patented Sept. 27, 1910.

Application filed February 2, 1910. Serial No. 541,465.

To all whom it may concern:

Be it known that I, FREDERICK LUTZ, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Refrigerator-Mountings, of which the following is a specification.

My invention relates to improvements in refrigerator mountings, the object of the invention being to provide improvements of this character which will permit the refrigerator to be supported on a track outside of the window, and capable of movement along the wall so as to position the refrigerator opposite the window, when access is desired to the interior of the refrigerator, but when not desired, the refrigerator may be moved on its track or support away from the window.

A further object is to provide improved means for moving the refrigerator from one position to another, and improved means for protecting the refrigerator from the heat of the sun, and inclement weather, and an improved mounting which will exclude the weather when the refrigerator is moved opposite the window and the sash raised.

With these and other objects in view, the invention consists in certain novel features of construction, and combinations and arrangements of parts as will be more fully hereinafter described and pointed out in the claim.

In the accompanying drawings, Figure 1, is a view in elevation taken from outside the wall. Fig. 2, is a view in section through the wall and window showing the refrigerator in end elevation. Fig. 3, is a view in elevation taken from inside the building with the refrigerator moved to position opposite the window. Fig. 4, is an enlarged view in section, through the wall illustrating the mechanism for moving the refrigerator. Fig. 5, is a view in elevation illustrating a modification. Fig. 6, is a view in section through the wall and window, also showing this same modification.

1 represents the wall of the building and 2 a window frame therein having the upper sash 3 and lower sash 4, the window frame being set back in the window opening 5, as is ordinarily done. Brackets 6 are secured to the wall, and support angle rails 7 which serve as a track on which the wheels or rollers 8, at the bottom of the refrigerator 9,

are mounted to run, so that the refrigerator may be moved from one position to another on the rails 7.

10 represents a casing or housing, which is secured to the wall and to brackets 6, at one side of the window opening 5, and in this housing 10 the refrigerator is normally positioned and is protected by the housing from the heat of the sun and from inclement weather.

On the bottom of the refrigerator, and longitudinal thereof, a toothed rack 11 is secured, and a pinion 12 meshes with this rack and is secured upon a shaft 13, which projects through wall 1, and is provided at its inner end with a suitable operating means, a crank 14 being illustrated, but other means may be employed.

In order that the occupant of the room may be protected from inclement weather while putting things in, or removing them from, the refrigerator, a horizontal bar 15 is secured to the wall 1 and extends across the window opening 5 at an elevation slightly below the meeting point of the sashes. An inclined plate 16 is secured in the window opening and extends from the lower rail of the upper sash to a point above bar 15, to prevent rain or snow from driving into the window through this space. The bar 15 is angular in cross section and a bar 17 of similar shape in cross section, is secured to the refrigerator 9, and these bars 15 and 17 have sliding tongue and groove engagement with each other so as to prevent any water from passing down between the refrigerator and the wall, and also preventing the possibility of the refrigerator being tipped over, away from the wall.

In order to prevent the refrigerator from being moved too far in either direction, rack 11 is provided at its ends with lugs 18, which engage pinion 12, and prevent any further movement.

It will be seen, that when the refrigerator is desired, without raising the lower sash, crank 14 is turned to bring the refrigerator opposite the window, when the lower sash may be raised and the occupant of the room be fully protected from the weather while the refrigerator is in this position. I have shown sliding doors 19 on the refrigerator which are best adapted for a refrigerator of this kind. When the refrigerator is not desired for use, it is moved back into its housing 10, is fully protected from the sun and

weather and does not interfere with the light of the window.

A refrigerator of this kind is especially adapted for all the year. In winter time when no ice is needed it is especially desirable, and it occupies no space in the house and its interior is readily accessible without stooping over, as is the case with any ordinary refrigerator.

10 In Figs. 5, and 6, I illustrate a modification, in which a box or refrigerator 20 is supported on hangers 21, having rollers 22 thereon mounted to run upon a channel iron rail or track 23 secured to the wall. When
15 a channel iron rail of this kind is employed, it is desirable to place openings 24 therein, to prevent an accumulation of water and snow in the rail. A handle 25 is provided on the box or refrigerator 20, by means of
20 which the same is moved along the track. With this modification it is necessary to raise the sash and grasp handle 25 to move the refrigerator or box from place to place. To prevent any outward swinging move-
25 ment of the box 20, an angle bar 26 is secured to the wall 1, and an angle bar 27 on the box is mounted to slide therein.

Various slight changes might be made in the general form and arrangement of parts
30 described without departing from my in-

vention and hence I do not limit myself to the precise details set forth, but consider myself at liberty to make such changes and alterations as fairly fall within the spirit and scope of the appended claim.

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

A device of the character described, comprising a track adapted to be secured to a wall outside a building and extend past a window, a wheeled refrigerator on the track, a horizontal bar secured to the wall and extending across the window opening, a horizontal bar secured to the refrigerator and having sliding tongue and groove engagement with the first mentioned bar, an inclined plate adapted to be secured in the window opening and extend downward from a point adjacent the meeting edges of the window sashes to a point above the first mentioned rail, and means for moving the refrigerator, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

FREDERICK LUTZ.

Witnesses:

R. H. KRENKEL,
CHAS. E. POTTS.