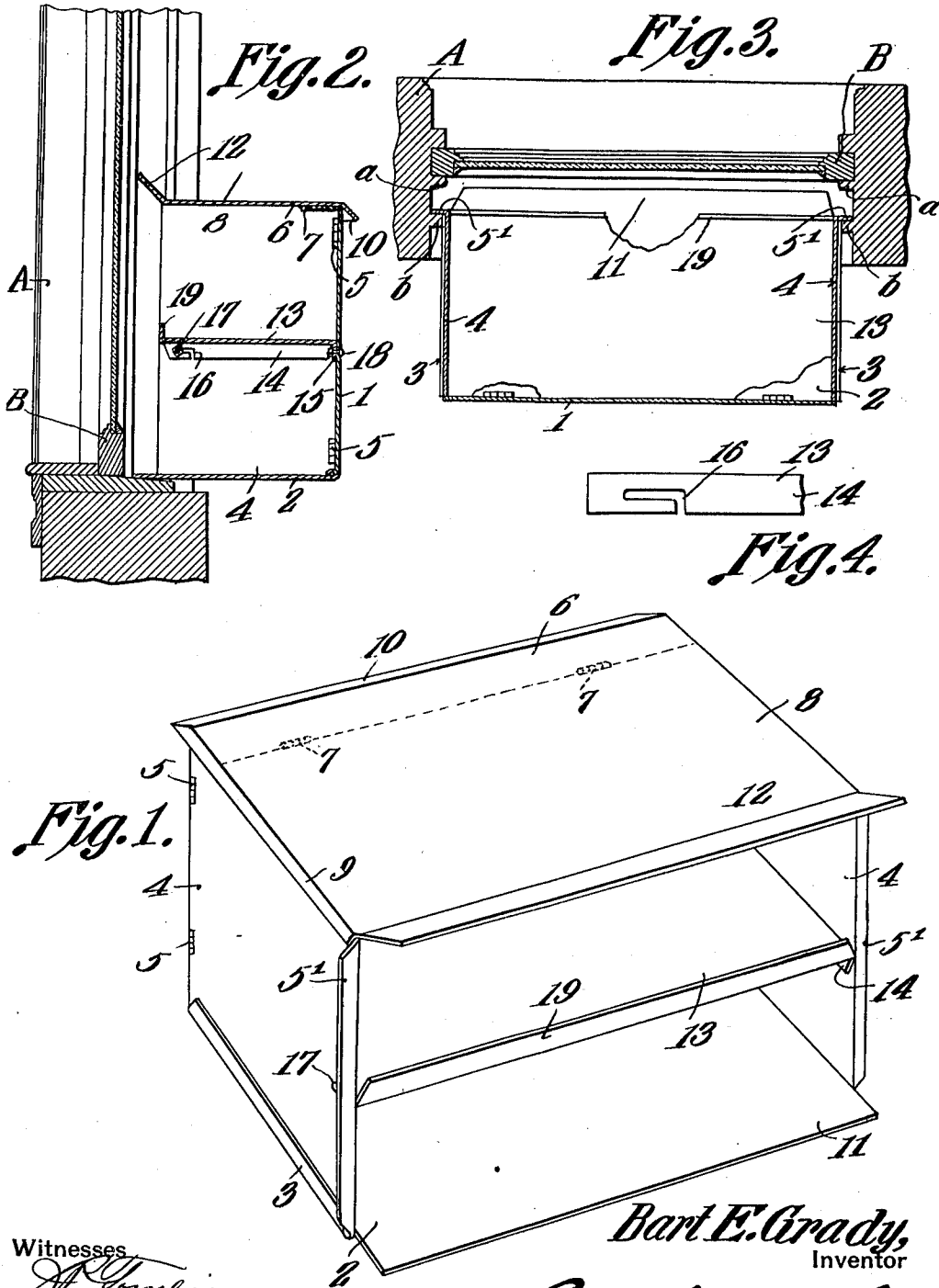


B. E. GRADY.
REFRIGERATOR.

APPLICATION FILED MAY 22, 1911.

1,026,799.

Patented May 21, 1912.



Witnesses

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UNITED STATES PATENT OFFICE.

BART E. GRADY, OF PHILADELPHIA, PENNSYLVANIA.

REFRIGERATOR.

1,026,799.

Specification of Letters Patent.

Patented May 21, 1912.

Application filed May 22, 1911. Serial No. 628,643.

To all whom it may concern:

Be it known that I, BART E. GRADY, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a new and useful Refrigerator, of which the following is a specification.

This invention relates to refrigerators, its object being to provide a collapsible device of this character adapted to be set up within a window opening whereby access may be conveniently had to the interior of the refrigerator merely by opening the window.

A further object is to provide a device of this type having means thereon for engaging the window casing, said means being held in engagement with the casing by a shelf which constitutes means for holding the refrigerator extended or set up for use.

A further object is to provide a device of this type which will exclude rain and snow from the interior of the refrigerator.

Another object is to provide a refrigerator which, when not in use, can be collapsed into a compact structure.

With the foregoing and other objects in view which will appear as the description proceeds the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed can be made within the scope of what is claimed without departing from the spirit of the invention.

In the accompanying drawings the preferred form of the invention has been shown.

In said drawings:—Figure 1 is a perspective view of the refrigerator. Fig. 2 is a central vertical section therethrough in position within a window casing. Fig. 3 is a horizontal section through the refrigerator and window casing. Fig. 4 is a side elevation of a portion of the shelf.

Referring to the figures by characters of reference 1 designates a plate constituting the back wall of the refrigerator and the bottom 2 of said refrigerator is hingedly connected to the lower edge of this back wall and has upstanding side flanges 3. Side walls 4 are hingedly connected to the side edges of the back wall 2,

as shown at 5 and are provided, along their free vertical edges, with laterally extending flanges 5'. It is to be understood that the wall 1 is to be of a length equal to the width of the window opening so that, when the refrigerator is set up for use, the flanges 5' will project between the parting strips *a* and the shutter strips *b* of a window casing A.

The back wall 1 has a ledge formed along the top thereof and as indicated at 6, this ledge extending under and being hingedly connected, as at 7, to the top 8 of the refrigerator. Said top extends across the ledge 6 and has side flanges 9 depending therefrom and a rearwardly extending inclined flange 10 constituting a water shed. A tongue 11 extends from the bottom 2 of the refrigerator and a guard 12 is extended from the top 8 of said refrigerator, said guard being inclined upwardly and away from the top, both the guard 12 and the tongue 11 extending beyond the flanges 5'.

A shelf 13 is removably mounted within the refrigerator and has depending side flanges 14 and a back flange 15, said side flanges being formed with angular slots 16 adapted to be engaged by studs or rivets 17 extending inwardly from the side walls 4 while the back flange 15 is adapted to be detachably secured to the back wall 1 by means of a small bolt 18 or the like. A retaining flange 19 is preferably formed along the front edge of the refrigerator.

When it is desired to set up the refrigerator for use, the top and bottom portions 8 and 2 respectively, are swung into position at right angles to the back wall 1 after which the side walls 4 are swung laterally against the flanges 3 and 9. This lateral swinging of the side walls will bring the flanges 5' between the parting strips *a* and the shutter strips *b*, as shown in Fig. 3. Shelf 13 is then inserted between the side walls and the slotted portions of the flanges 14 thereof are brought into engagement with the studs 17. The back flange 15 is then fastened by means of the bolt 18. The refrigerator is then ready for use, it being apparent that the tongue 11 will rest upon the sill of the window while the guard 12 will be inclined upwardly toward the window. This guard serves to prevent rain or snow from beating into the refrigerator and

the water shed 10 also constitutes means for preventing the admission of moisture between the wall 1 and the top 8. By raising the window B access can be had to the interior of the refrigerator and, if so desired, the entire refrigerator can be slid upwardly so as to clear the space back of the lower sash when partly raised. When the refrigerator is not in use, the parts can be disconnected and folded together so as to form a compact bundle which can be conveniently stored away.

The refrigerator herein described is preferably formed entirely of metal and all parts thereof can be easily cleaned and are readily accessible.

The refrigerator is particularly designed for use in cold weather and by attaching it to a window casing in the manner set forth, articles of food can be kept cold and can be easily reached merely by raising the window, thus protecting the user from the cold.

It will be apparent that, by connecting the top 8 to ledge 6 by means of the hinges 7, said hinges and ledge will cooperate to prevent the top 8 from being swung open by a person standing outside of the window.

What is claimed is:—

A knock-down refrigerator including a back wall, a ledge integral with the upper edge of the wall and extending perpendicularly therefrom, a bottom hingedly connected to the back wall and foldable thereon and under the ledge, side walls hingedly connected to the back wall, a top hingedly connected to the free longitudinal edge of the ledge and extending over and normally bearing on the ledge, means upon the top and bottom for limiting the swinging movement of the side walls away from the back wall, said side walls being foldable against the back wall and under the ledge, means upon the side walls for engaging a supporting structure when said walls are at the said limits of their movement, and means for holding the side walls against movement inwardly against the back wall.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

BART E. GRADY.

Witnesses:

GEO. E. SIMS,
FRANK P. McCULKEN.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."