Aug. 26, 1930. G. C. BOHN 1,774,049

DETACHABLE REFRIGERATOR CABINET

Filed Nov. 8, 1926

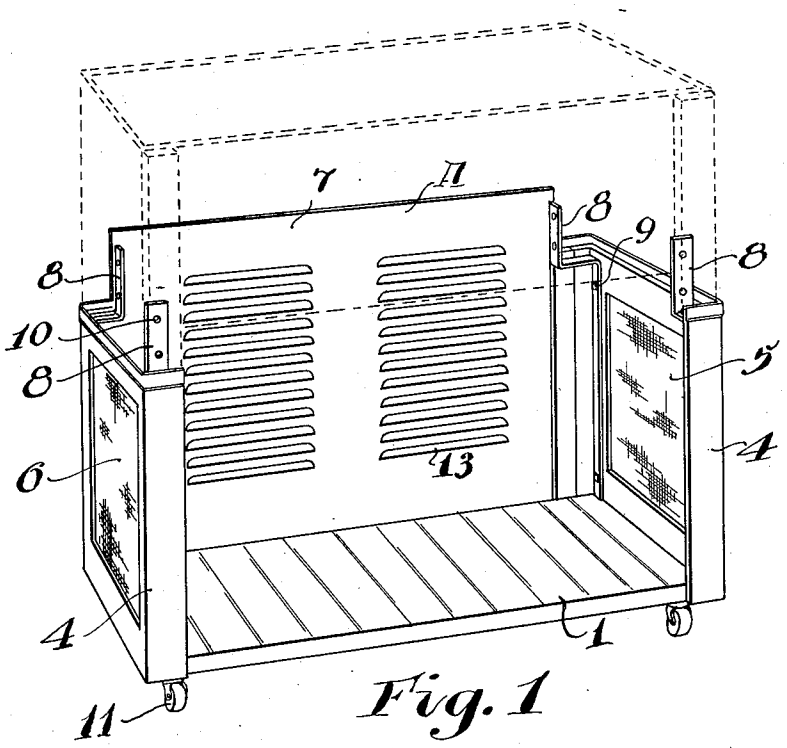


Fig. 1

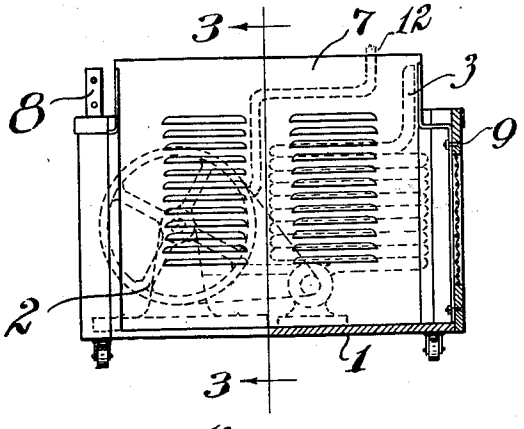


Fig. 2

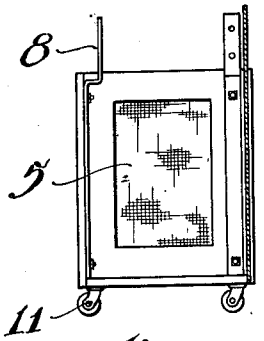


Fig. 3

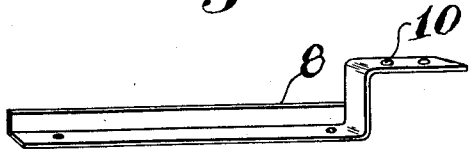


Fig. 4

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UNITED STATES PATENT OFFICE

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DETACHABLE REFRIGERATOR CABINET

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The present invention relates to a detachable refrigerator unit for containing refrigerating mechanism.

In converting a refrigerator where the refrigeration is accomplished by placing cakes of ice in an ice compartment into one employing an electrically actuated refrigerating mechanism, it is customary to mount the refrigerating mechanism outside of the refrigerator, as, for instance, in the basement beneath the refrigerator and to connect the refrigerating mechanism to the refrigerating coils in the ice compartment of the refrigerator by means of brine conveying pipes. When this is done it is necessary to disconnect the pipes to move the refrigerator and also requires a fairly long pipe to convey the refrigerating liquid from the refrigerating mechanism to the cooling coils.

An object of the present invention is to make a detachable compartment for a refrigerating mechanism having supports thereon to receive the base of a refrigerator to support the refrigerator thereon.

In order to attain this object there is provided, in accordance with one feature of the invention, a cabinet having a ventilated removable front portion and having pockets thereon to supportingly receive the legs of a refrigerator thereon.

In the drawings:

Figure 1, is a view in perspective of the rear of a cabinet made in accordance with the present invention, a portion of a refrigerator supported thereon being shown in dotted lines.

Figure 2, is a view partly in rear elevation and partly in section of the cabinet.

Figure 3, is a sectional view on the line 3—3 of Figure 2; and

Figure 4, is a view in perspective of a bracket used to support a leg of a refrigerator.

Referring to the drawings in detail, the cabinet A comprises a floor portion 1 upon which a refrigerating unit 2 indicated in dotted lines in Figure 2 is mounted. A refrigerating unit 2 is mounted within the cabinet and is connected by means of pipes 3 and 12 to a refrigerating coil, not shown, mounted in the ice compartment of the refrigerator with which the device is to be associated. Side walls 4 are provided with mesh closures 5 and 6 to permit a free circulation of air therethrough.

A removable front portion 7 is provided with ventilating louvres 13 therein, the front portion 7 extending upwardly above the top edge of the device to cover the space between the front legs of the refrigerator and give the appearance of a solid unit to the combined refrigerator and cabinet.

Brackets 8 are mounted in each corner of the device and are securely held in position thereon, as by means of bolts 9. The upper ends of the brackets 8 are bent inwardly the width of the legs of the refrigerator with which the device is to be associated and then upwardly and may be provided with holes 10 through which screws or bolts may be inserted into the legs of the refrigerator to firmly unite the two into a permanent unit. Rolling casters 11 may be mounted upon the under surface of the device to facilitate moving the refrigerator for cleaning purposes.

The cabinet raises the refrigerator to a convenient height and eliminates the necessity of stooping over when placing articles on the lower shelves of the refrigerator. The cabinet is intended to be manufactured in various sizes to fit each standard refrigerator size and is preferably permanently connected with the refrigerator after once being connected thereto.

The cabinet serves a double function in providing a refrigerating unit integral with the refrigerator and of raising the refrigerator to a convenient height for the placing and removing of articles therein.

I claim:

In a detachable base unit for refrigerators, comprising a cabinet open on the upper side, said cabinet being of a size to receive the base of a refrigerator therein, said cabinet being adapted to house a mechanical refrigerating unit, a support member mounted interiorly of each corner of said bracket and spaced downwardly from the upper edge of said cabinet to support the base of a refrigerator

thereon, the refrigerator being insertible into the open upper end of the cabinet to rest upon the supporting members, and being detachable by raising the refrigerator free of the open upper end of said cabinet.

In testimony whereof I affix my signature.

GEBHARD C. BOHN.