

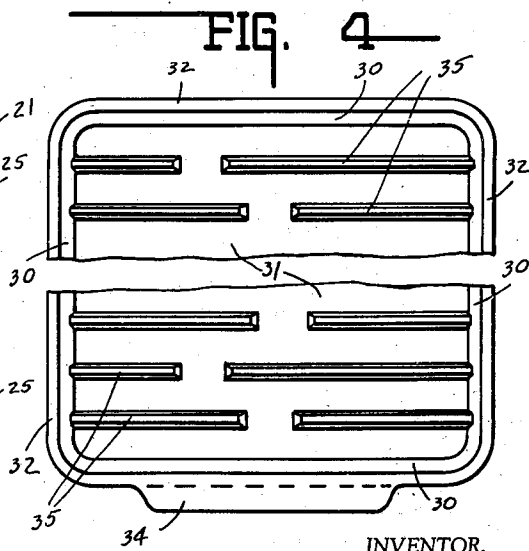
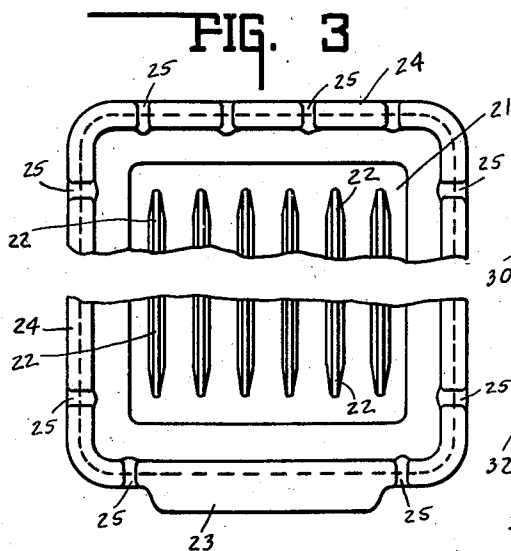
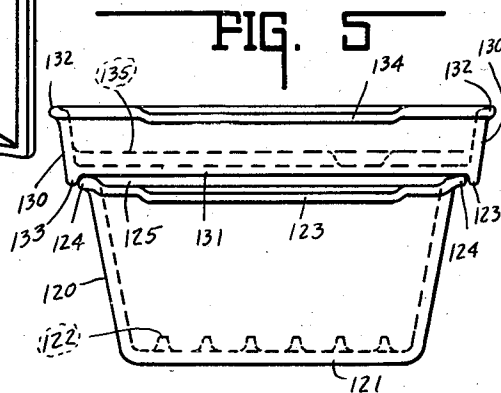
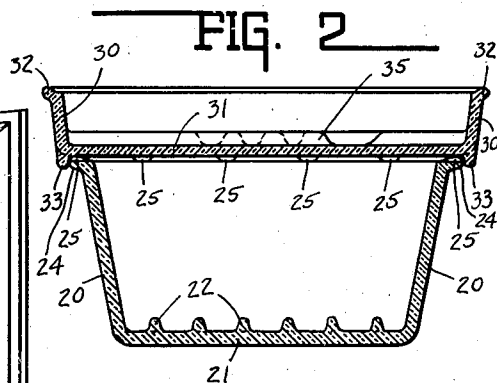
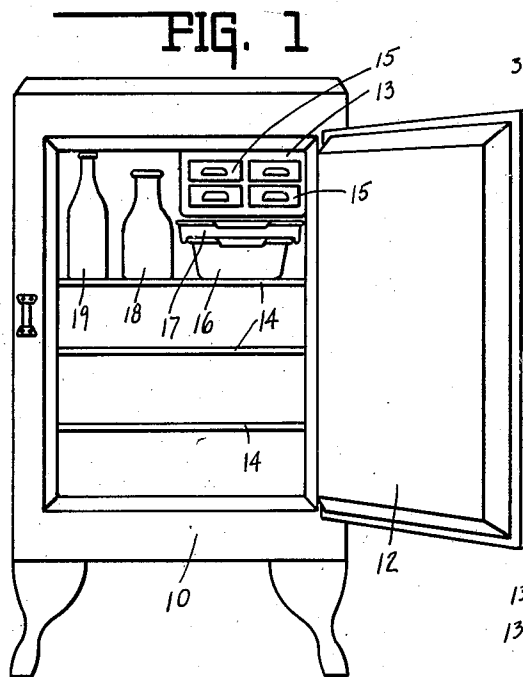
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1,949,453

RECEPTACLE AND COMBINATION TRAY AND COVER

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1,949,453

RECEPTACLE AND COMBINATION TRAY
AND COVERAlvie C. Crimmel and Henry H. Crimmel,
Hartford City, Ind.

Application June 23, 1932, Serial No. 618,562

2 Claims. (Cl. 65—59)

This invention relates to a combination tray and cover for a receptacle and the receptacle.

The chief object of this invention is to provide a receptacle suitable for use in a mechanical refrigerator to keep vegetables and the like in crisp condition, and this requires a cover construction.

Another object of the invention is to provide a tray suitable for the supporting of ice cubes manufactured by such mechanical refrigerator and the storage of said cubes in said tray.

Furthermore, such a tray is arranged when positioned beneath the so-called freezing unit of the mechanical refrigerator to catch the drippings therefrom and sheet ice that is removed in the defrosting of said freezing unit.

The chief feature of the invention consists in the accomplishment of the foregoing objects by the provision of a combination tray and cover slidably supported upon a receptacle suitable for the purpose set forth.

The full nature of the invention will be understood from the accompanying drawing and the following description and claims:

In the drawing, Fig. 1 is a perspective view of a mechanical refrigerator showing the invention applied thereto.

Fig. 2 is an enlarged transverse sectional view through the receptacle and combination cover and tray mounted thereon.

Fig. 3 is a top plan view, the intermediate portions being broken away, of the receptacle or reservoir.

Fig. 4 is a view similar to Fig. 3 of the combination tray and cover.

Fig. 5 is an enlarged elevation of a modified form of the invention.

In the drawing, 10 indicates the body or casing of a mechanical refrigerator, 12 the door thereof and 13 the so-called freezing unit. Positioned at a considerable distance beneath the freezing unit is a shelf 14 and beneath the same may be positioned other shelves similarly indicated. As shown clearly in Fig. 1, the freezing unit may be a relatively low unit and of considerable width, thereby providing two freezing compartments 15 with a minimum of height. The upper shelf 14 is positioned beneath the unit a sufficient distance so that the receptacle indicated generally by the numeral 16, may be positioned therebeneath and superimposed immediately beneath the freezing unit 15 is the combination defrosting tray and cover for the receptacle, herein indicated by the numeral 17.

The arrangement as shown—see Fig. 1—permits the storage of relatively large size bottles,

such as quart milk bottles 18 and long neck quart bottles 19, adjacent the unit and the combination receptacle and cover. Thus, the invention is peculiarly applicable or adaptable for use in a so-called small capacity mechanical refrigerator.

As shown clearly in Figs. 1 to 3 inclusive, the receptacle or reservoir preferably is of considerable depth and includes slightly sloping sides 20 and a bottom 21. Upon the bottom 21 are formed longitudinal ribs 22 which do not extend the full length of the bottom, this construction being substantially similar to that disclosed in the co-pending application Serial No. 543,642 issued as Patent No. 1,915,647 dated June 27, 1933. The purpose, as set forth therein, is to permit the circulation of air about the bottom and around the ribs.

The receptacle also is provided with a projecting portion or handle 23 and an outwardly flared lip or rim 24. To positively insure slight circulation through the contents in the reservoir, grooves 25 or the equivalent are formed in the sides 20. Normally, however, the cover provided for the reservoir will not completely seal the reservoir and, therefore, this grooving for air circulation may not be necessary and generally is not necessary.

The combination tray and cover is shown clearly in Figs. 1 and 4. In said figures, 30 indicates the side walls of the combination tray and cover and 31 the bottom. The side walls are slightly flared and herein the cover is shown of a slightly greater width than the width of the reservoir. The cover is provided with a top rim or flange 32. The two opposite sides 30 of the cover have depending flanges or ridges 33. These ridges serve to prevent lateral displacement of the cover upon the reservoir and insure longitudinal sliding movement therebetween when the cover is slid on the reservoir. The combination cover and tray, similar to the reservoir, is provided with a handle 34. Likewise, the upper surface of the bottom of said cover is provided with corrugations 35 which may be similar to those shown in the before mentioned patent but which preferably are similar to those shown in the co-pending application entitled Glass defrosting tray for mechanical refrigerator, filed June 11, 1932, Serial No. 616,630, issued as Patent No. 1,915,849.

The reason for this election and preferred form is for the same reason as that specified in the last co-pending application referred to, to wit, so that locking of the ice sheet when it drops from the freezing unit upon defrosting will not occur.

The corrugated bottom of the tray also keeps

the ice cubes, when used as a storage tray for ice cubes, above the level of the water that gradually melts from said cubes, such melting taking place upon long standing.

5 In Fig. 5 is illustrated a modified form of the invention. In this figure, like or similar parts bear similar numerals of the one hundred series. The chief distinction herein is that the front and back of the receptacle or reservoir unit is of less height than the two side walls, and terminates at 10 125, providing two opposite grooves or passages for air circulation.

While the invention has been described in great detail herein and various modifications have been 15 suggested, such detailed description is to be considered as illustrative and not restrictive in character and such modifications illustrated and mentioned as well as those which will readily suggest themselves to individuals skilled in this art, 20 all are considered to be within the purview of this invention, reference being had to the appended claims.

The invention claimed is:—

1. The combination of a glass receptacle and a 25 slidable unitary glass tray and cover therefor, said receptacle having upwardly and outwardly flared sides and an outwardly directed rim interrupted for ventilation, said cover having a base portion of an outline corresponding to the 30 rim and as long as the receptacle and slightly

wider than the same, said cover having a handle portion, the tray chamber being materially wider than the receptacle chamber, and means depending from the bottom of the tray as continuations of the side wall only for straddling the rim of the receptacle at opposite sides, said rim being suitably relieved to permit restricted ventilation of the receptacle chamber, and said tray being slidably removable longitudinally from the receptacle.

2. The combination of a glass receptacle and a slidable unitary glass tray and cover therefor, said receptacle having upwardly and outwardly flared sides and an outwardly directed rim interrupted for ventilation and having an enlargement at one end serving as a handle portion, said cover having a base portion of an outline corresponding to the rim and as long as the receptacle and slightly wider than the same, said cover having a handle portion at the corresponding end, the tray chamber being materially wider than the receptacle chamber, and means depending from the bottom of the tray as continuations of the side wall only for straddling the rim of the receptacle at opposite sides, said rim being suitably 100 relieved to permit restricted ventilation of the receptacle chamber, and said tray being slidably removable longitudinally from the receptacle.

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