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M. LAGUZZI
REFRIGERATOR CABINET
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2,584,886

Fig. 1.

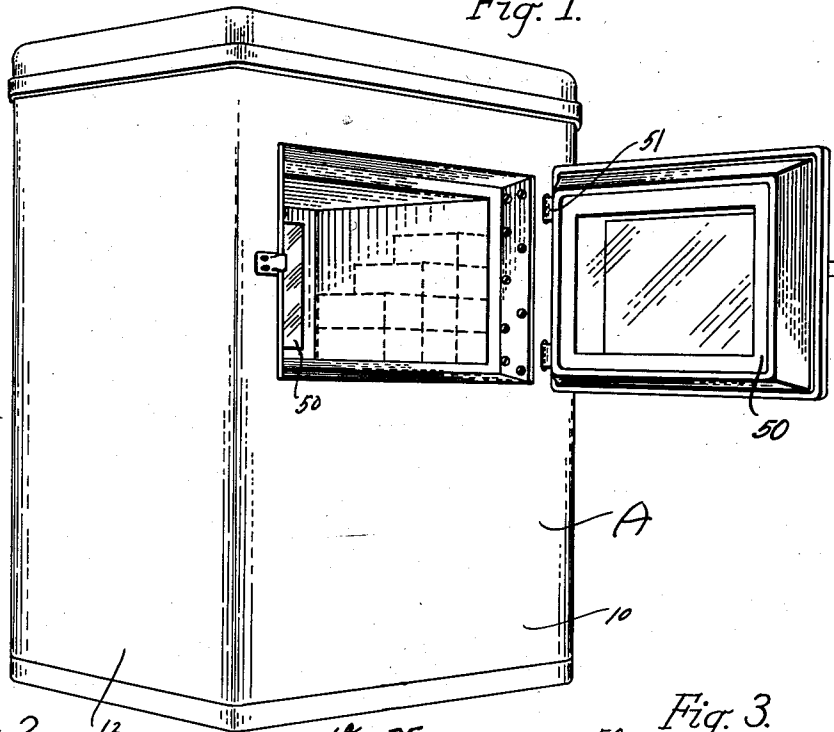


Fig. 2.

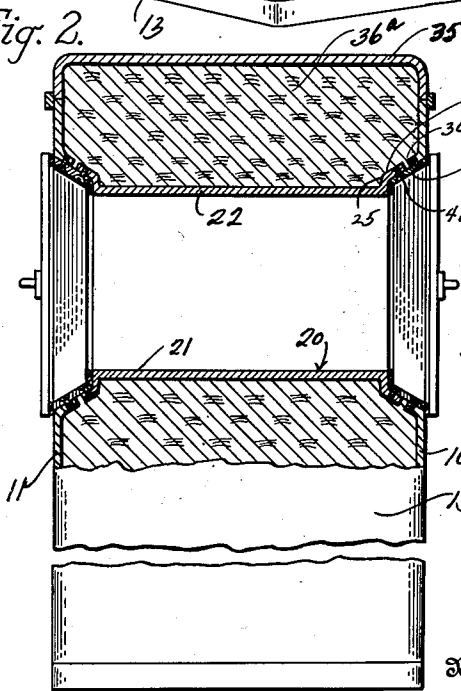
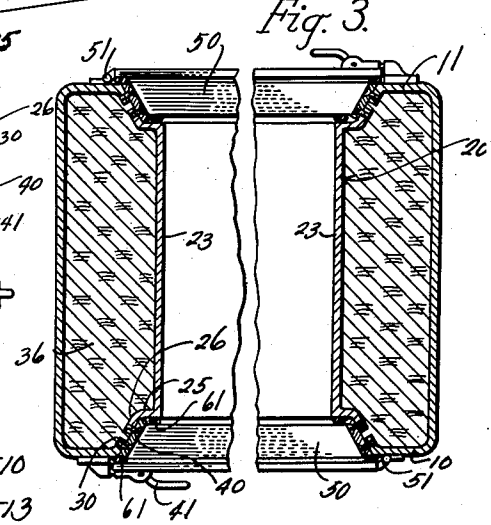


Fig. 3.



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REFRIGERATOR CABINET

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1 Claim. (Cl. 312-214)

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This invention relates to improvements in refrigerated cabinets.

The primary object of this invention is the provision of a refrigerated cabinet adapted to be used in retail establishments where frozen or other refrigerated foods are sold, the cabinet being of a construction which will admit of efficient access by customers and others to the products contained therein.

A further object of this invention is the provision of a refrigerator or cooling cabinet structure having a good storage or package receiving compartment therein, accessible from directly opposed sides of the cabinet under such circumstances that customers and clerks can remove food and packaged products horizontally from the cooler compartments without the necessity of stooping.

A further object of this invention is the provision of an improved refrigerator having a cooling compartment which is extremely accessible and so arranged that it will eliminate wasted time in securing desired food articles; the cabinet being so arranged that windowed closures are provided at opposite sides for effective display of the food articles.

A further object of this invention is the provision of an improved method of merchandising articles in a refrigerated cabinet structure.

Other objects and advantages will be apparent from the following description.

In the accompanying drawing, forming a part of this specification, and wherein similar reference characters designate corresponding parts thruout the several views:

Fig. 1 is a perspective view of the improved cabinet showing one of the closures open and exposing the cooler compartment.

Fig. 2 is a fragmentary cross sectional view taken vertically thru a portion of the cabinet structure, showing the cooler compartment.

Fig. 3 is a horizontal cross sectional view taken thru the improved refrigerator cooler cabinet compartment.

In the accompanying drawing forming a part of this specification, and wherein for the purpose of illustration is shown only a preferred embodiment of the invention, the letter A may generally designate the refrigerator. It consists of two opposite walls 10 and 11 and side walls 13. The lower part of the refrigerator may contain the refrigerating apparatus (not shown). The cooler casing 20 consists of rigidly connected bottom and top walls 21 and 22 respectively and side walls 23. All of these walls are flanged at opposite ends at

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25 and diagonally outturned at 26. The walls 10 and 11 have closure openings bordered by diagonally inturned flanges 30.

The refrigerator includes a removable top or cap 35. Cork or other insulation 36 may surround the casing 20, and the insulation 36^a above the casing 20 is removable. This will enable complete removal of the casing 20, after removal of the fastening strips and screws next described.

In the openings of the cabinet are disposed fastening strips 40 having screws detachably connecting the flanges 25 and 30 above described as well as detachably connecting two opposite side walls of the top 35 to said flanges as shown in Fig. 2. These fastening strips 40 surround each of the openings in directly opposite walls 10 and 11 of the cabinet.

The closures or doors 50 are hinged at 51, and they may be insulated and provided with double walled display windows 52, so that the merchandise in the compartment may be seen from opposite walls of the cabinet. Of course gaskets 61 may be provided for abutment with the fastening strip 40 and the casing flange 25, as shown in Figs. 2 and 3 of the drawings. Any suitable latch 41 for each closure 50 may be provided.

It will be noted from the foregoing that the cooler casing 20 provides a compartment which is completely accessible from opposite walls of the cabinet structure. One disadvantage of present day freezers of the so called "deep freezing" type is that the compartments are accessible only from the top of the freezer. It is therefore necessary for an individual to remove top packages in order to obtain lower articles. This not only takes time, but results in loss of refrigeration and mixing of merchandise.

It will be noted that two persons may remove articles from a single cabinet casing 20 of the refrigerator at the same time and the articles are readily accessible and visible so that they may be removed according to desire without liability of mixing of merchandise.

It will be quite apparent to those skilled in the art that this type of refrigerator will not only be time saving but is so compact that it will occupy less space than normally required for refrigerated cabinet structure of equal capacity.

It is also apparent that the refrigerator may be made in various sizes with compartments of different sizes and different partitioning means therein. It is also possible to provide each wall structure with multiple doors for access to various compartments; it being of course understood that the opposite wall structures will contain sim-

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flar closures for access from each side or end of the compartment.

Due to the fact that the casing 20 at its ends terminate short of the walls 10 and 11, the same may be completely removed thru the top of the refrigerator upon removal of the cap 35, insulation 36 and fastener strips 40 with their screws.

I do not wish to limit myself to any particular manner in which the casing compartment is refrigerated. The cooler may be located immediately beneath the bottom wall 21 or above the top wall 22 or at the side walls or directly in the compartment if found necessary and advisable.

Various changes may be made to the form of the invention herein described without departing from the spirit of the invention or scope of the claim.

I claim:

In a refrigerator, the combination of vertically-extending outer walls having upper edges, two of said walls facing one another and provided with closure openings, with said openings being bordered by diagonally inturned flanges, a cooler casing disposed inwardly of said walls and having upwardly-extending casing walls and top and bottom casing walls, two of said upwardly-extending casing walls facing one another and, with the said two of said walls, defining openings aligned with the first-named openings, said last-named openings being bordered by diagonally outturned flanges extending toward the adjacent first-named flanges, and said top and bottom cas-

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ing walls having flanges extending toward adjacent flanges of said two of said outer walls, a removable top for said refrigerator having downturned substantially vertical walls with their lower edges disposed upon the upper edges of said outer walls, removable heat and cold insulation material in contact with the inner face of said top, including said downturned walls, as well as in contact with the upper face of said top casing wall and the adjacent inner faces of said outer walls, means detachably connecting said flanges together comprising detachable fastening strips bridging the outer faces of said flanges and detachably secured thereto, closures for said openings and means hingedly connecting said closures to the opening-containing outer walls.

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