March 6, 1934. F. E. SELLMAN 1,949,663

REFRIGERATOR CONSTRUCTION

Filed Nov. 4, 1930

Fig. 1.

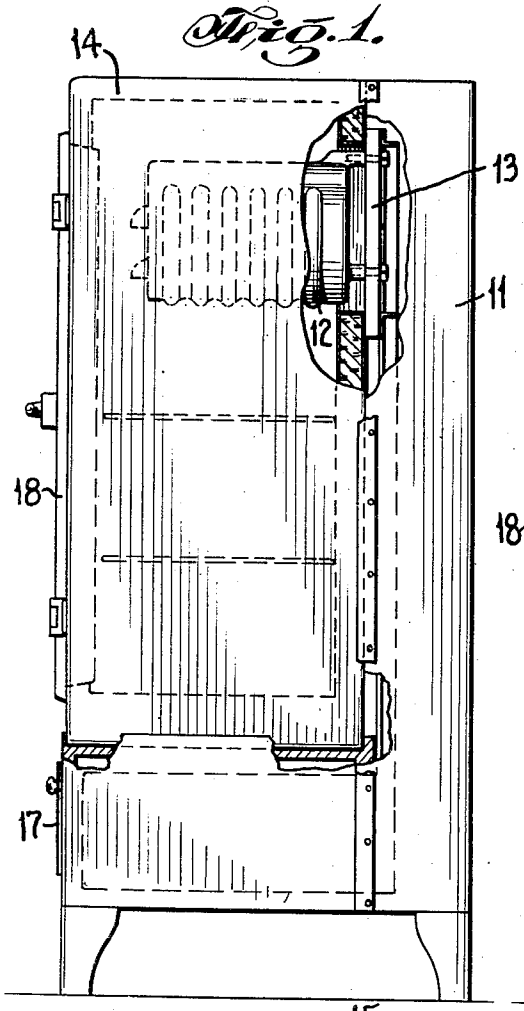


Fig. 2.

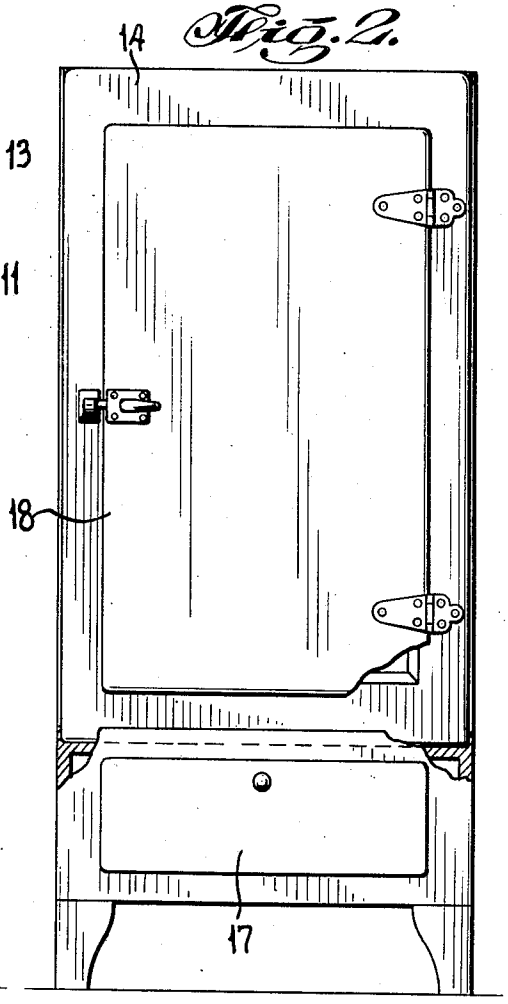
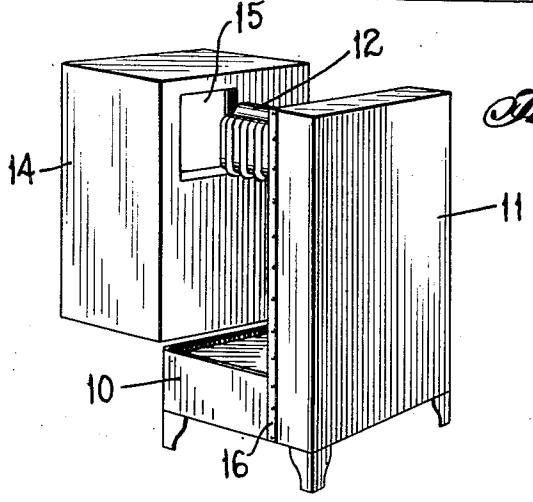


Fig. 3.



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UNITED STATES PATENT OFFICE

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REFRIGERATOR CONSTRUCTION

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Application November 4, 1930, Serial No. 493,319

7 Claims. (Cl. 62—116)

This invention relates to refrigerator construction and more particularly to the production of a refrigerator, certain parts of which are interchangeable to enable the filling of certain requirements relative to color scheme, arrangement, et cetera, demanded by the trade.

It is an object of the invention to produce a refrigerator which is cheaper to manufacture and more easily serviced by manufacturing the cabinets and units separately and interchangeably mounting one upon the other, either of which may be replaced by another of similar or dissimilar character.

In the drawing,

Fig. 1 is a side elevation, with parts broken away, of a refrigerator constructed in accordance with my invention;

Fig. 2 is a front elevation with parts broken away for the sake of illustration; and

Fig. 3 is a perspective of the parts separated.

Referring to the drawing, the invention comprises a unit casing or apparatus section including a base 10 and a back 11, the base 10 being horizontally disposed and the back 11 being vertically disposed to form substantially a chair construction, the base and back being connected in an L-shape, as shown.

The refrigerating unit may be of any desired construction and is mounted in the base and back with a cooling element comprising an evaporator 12 carried by a mounting plate 13, the evaporator and refrigerating unit constituting no part of the present invention.

The base 10 and the back 11 form a cradle or support for the box or cabinet 14 which encloses an insulated chamber adapted to contain comestibles to be refrigerated. The rear wall of the cabinet 14 is provided with a window or opening 15 through which the evaporator projects, such opening being closed by the plate 13. The opening 15 is of sufficient size to permit the ready insertion of the evaporator into the cooling chamber or to permit the box to be slipped thereover into position on the base 10, thereby forming with the complementary base and back a complete refrigerator.

This construction therefore provides a unique two-part casing or cabinet with the compartment to be refrigerated in one and the refrigerating mechanism in the other which, when assembled, form the complete device thus eliminating any extra covers or casings for parts of the device. The parts may be secured together in any desired manner, for example, by side plates 16, one at each side covering the joint between the back and the cabinet. This rigidly connects the parts and the completed refrigerator has the appearance of a unitary construction. The base 10 may be provided with a removable front plate 17 and the cabinet 14 is provided with a door 18 of usual construction.

Should it become necessary to service the unit the cabinet 14 may be easily removed, exposing said unit. This construction is of such character that boxes of different finish, both exteriorly, and interiorly may be interchanged as well as units, thus meeting local conditions as to color and kind of insulation, as well as other requirements controlled by climate, price, et cetera.

It will be obvious to those skilled in the art that various other changes may be made in the construction and arrangement without departing from the spirit of the invention and therefore the invention is not limited to what is shown in the drawing and described in the specification but only as indicated in the appended claims.

I claim:

1. A refrigerator comprising a substantially L-shaped section on which is mounted refrigerating apparatus including a cooling element, and a cabinet enclosing a refrigerating chamber, said cabinet being constructed to be assembled with and supported by said apparatus section to form a unitary structure therewith, and the cooling element being positioned in the refrigerating chamber when the cabinet is so assembled.

2. A refrigerator comprising a hollow structure on which is supported a refrigerating apparatus including a cooling element, said structure composed of a base portion and an upright portion, said cooling element supported from the upright portion, and a cabinet enclosing a refrigerating chamber and supported by said hollow structure, said cabinet having an aperture in one wall thereof and adapted to be assembled with said structure, the cooling element extending through said aperture into the refrigerating chamber when the refrigerator is assembled.

3. In combination, a substantially L-shaped refrigerator section on which is mounted a refrigerating apparatus unit including a cooling element, and a cabinet having an aperture in one wall thereof and adapted to be assembled with and supported by said section so that the cooling element will be positioned within said cabinet.

4. A refrigerator section comprising a base portion and an upright portion, refrigerating apparatus mounted in said refrigerator section including a cooling element mounted on the upright portion and extending substantially hori-

zontally therefrom, a cabinet having an aperture therein and enclosing a heat insulated refrigerating chamber, and a closure member for said aperture mounted on said upright portion and supporting the cooling element of the refrigerating apparatus, the cabinet adapted to be assembled with the refrigerator section in such a manner that the cooling element will be positioned within the refrigerating chamber and the closure member will close said aperture.

5. A refrigerator comprising an apparatus section and a cooling chamber section, the apparatus section having a base for containing the apparatus, and an upright portion corresponding substantially in height to the cooling chamber section, said cooling chamber section being adapted to rest upon the base of the apparatus section and receive the cooling unit of the apparatus through its wall.

6. A refrigerator comprising an apparatus section and a cooling chamber section forming when assembled a rectangular cabinet structure, the apparatus section having a horizontal base and an upright portion, the base and upright portion forming a substantially L-shaped structure, a cooling unit supported from the upper part of the upright portion horizontally over the base, the cooling chamber section corresponding in depth and width to the portion of the base which extends laterally from the upright portion, and being of a height corresponding to the height of the upright portion above the base and being adapted to fit snugly onto the apparatus section with its bottom and back walls engaging the top wall of the base and front wall of the upright portion and having a window through its wall for receiving the cooling unit, said cooling chamber section being removable without disturbing the other parts of the refrigerator.

7. A refrigerator comprising an apparatus section and a cooling chamber section, the apparatus section having a hollow base for containing apparatus and a relatively shallow chamber extending upwardly from the base, a cooling unit extending substantially horizontally from said shallow chamber forming portion of the apparatus section, said cooling chamber section being adapted to be assembled with the apparatus section and receive the cooling unit of the apparatus through its wall.

FOLKE EMIL SELLMAN.

DISCLAIMER

1,949,663.—*Folke Emil Sellman*, Scarsdale, N. Y. REFRIGERATOR CONSTRUCTION. Patent dated March 6, 1934. Disclaimer filed August 24, 1934, by the assignee, *Electrolux Servel Corporation*.

Herewith disclaims said claim 4 of said patent except as said claim 4 be restricted to the cabinet being mounted on and supported by the refrigerator section.

[*Official Gazette September 18, 1934.*]