Jan. 26, 1960 C. B. SCHMERTZ 2,922,683

KITCHEN FIXTURES

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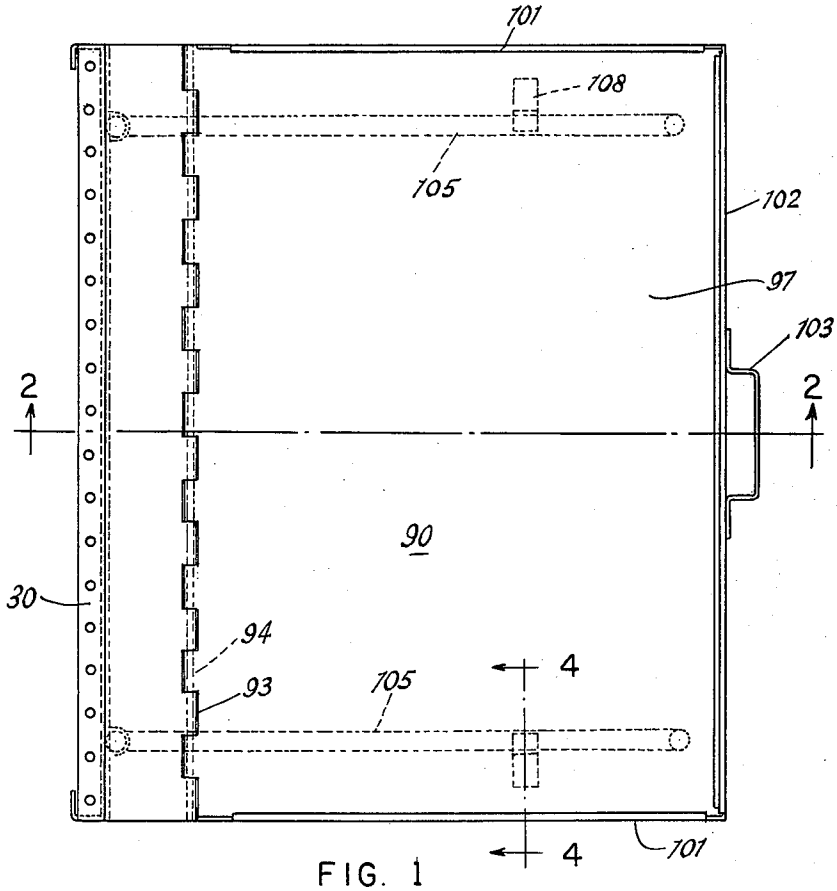


FIG. 1

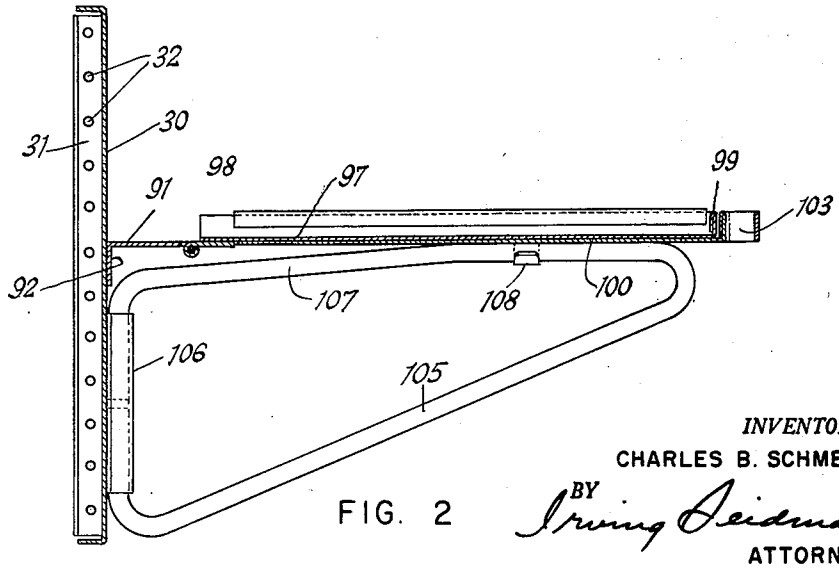


FIG. 2

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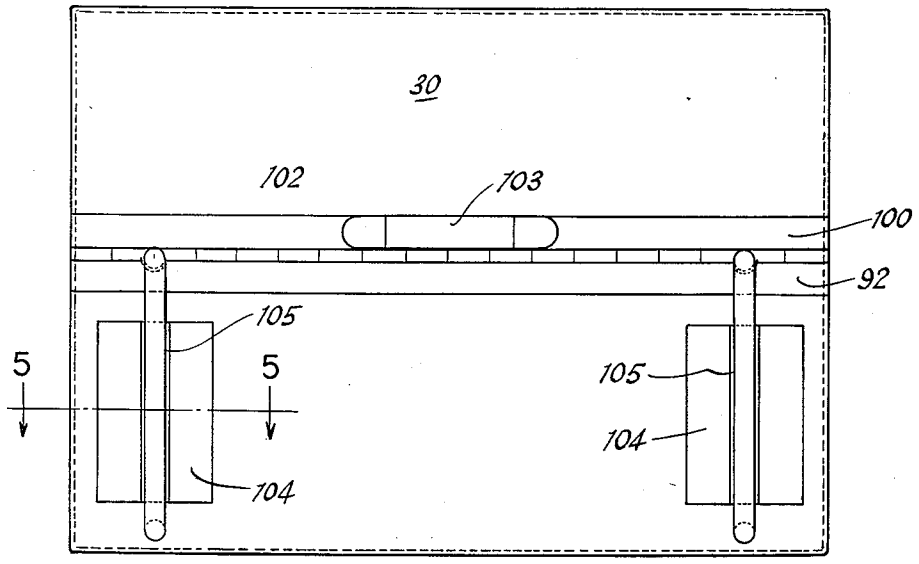


FIG. 3

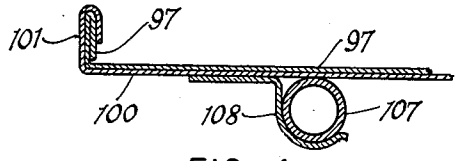


FIG. 4

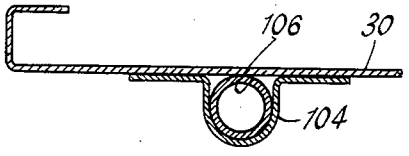


FIG. 5

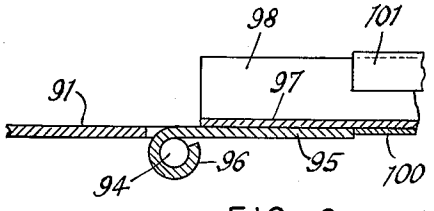


FIG. 6

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2,922,683

Patented Jan. 26, 1960

2,922,683

KITCHEN FIXTURES

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Application October 20, 1955, Serial No. 541,605

2 Claims. (Cl. 311—19)

This invention relates to kitchen fixtures such as shelves and cabinets and, more particularly, to a novel modular mounting arrangement therefor.

The fixtures of the present invention are designed to be mounted on doors and similar surfaces. For this reason, each fixture has a back or mounting panel and these panels are all the same size, such as 18" x 24". Each panel is a flat vertical surface of suitable metal such as aluminum or stainless steel, and has a rearwardly extending peripheral flange along its four edges. These flanges are formed with uniformly spaced and located holes which may be, for example, 1" apart. Thereby, the panels of adjacent fixtures may be joined to each other to form a modular assembly of fixtures. The holes also serve for attachment of mounting clips to the panels. Channel shape spacers having similar perforated flanges may be used where necessary or advisable.

The particular novel fixture of the invention is a hinged or collapsible shelf or table which may also be extended when in the horizontal position.

For an understanding of the invention principles, reference is made to the following description to typical embodiments thereof as illustrated in the accompanying drawings. In the drawings:

Fig. 1 is a plan view of the folding extension shelf;

Fig. 2 is a sectional view on the line 2—2 of Fig. 1;

Fig. 3 is a front elevation view of the folding extension shelf;

Figs. 4 and 5 are sectional views taken on the correspondingly numbered lines of Figs. 1 and 3, respectively; and

Fig. 6 is a sectional view illustrating the hinge connection.

Referring to the drawings, each of the several fixtures includes a modular rectangular back or mounting panel **30**, of aluminum or stainless steel, having a peripheral, rearwardly extending flange **31**. Flange **31** has uniformly spaced and located holes **32** therealong to secure mounting clips to panel **30** or to receive fasteners joining the panels in a modular arrangement as described hereinafter.

Figs. 1–6 illustrate the folding extension table **90**. This table includes a support shelf **91** having a depending flange **92** secured to panel **30** and a front edge bent to form hinge lugs **93** receiving a pintle **94**. A leaf member **95** has hinge lugs **96** embracing pintle **94** between hinge lugs **93**. Member **95** has secured to extend therefrom a fixed shelf section **97** having side flanges **98** and a front flange **99** with folded over edges.

Flanges **98** act as guide rails for an extensible shelf section **100** having side flanges **101** turned over flanges **98**. Section **100** has a front flange **102**, folded over, with a draw handle **103**. Section **100** may be pulled out relative to section **97** to extend shelf **90**.

Shelf **90**, in the upright position, is supported by swinging brackets **105** each comprising a rod or tube bent to triangular form to provide a vertical leg **106** and a horizontal leg **107**. Brackets **105** are hinged to panel **30** by straps **104** embracing legs **106** and secured to panel **30**. When brackets **105** are swung out to support shelf **90**, legs **107** engage in clips **108** on the underside of shelf section **100**.

When brackets **105** are swung inwardly, shelf **90** may be folded against panel **30**.

While specific embodiments of the invention have been shown and described in detail to illustrate the application of the invention principles, it will be understood that the invention may be embodied otherwise without departing from such principles.

What is claimed is:

1. A kitchen fixture, a vertical surface mounting panel of sheet metal substantially rectangular in form; and a drop table including an elongated relatively narrow mounting section permanently secured to said panel and extending forwardly normal thereto, a table section hinged to said mounting section, and tubular support brackets hinged to said panel on vertical axes, each bracket having a pair of vertically aligned tubular legs telescoped through U-shaped straps secured to said panel and extending throughout the major part of the vertical extent of said tubular legs.

2. In a kitchen fixture as claimed in claim 1, a second table section slidably telescoped with the first-named table section.

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