

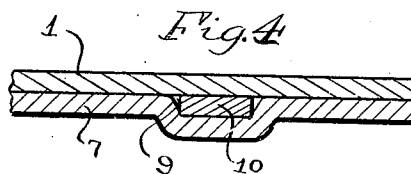
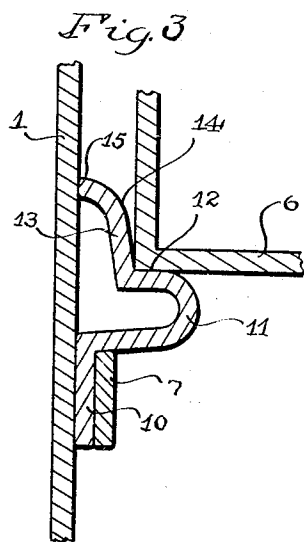
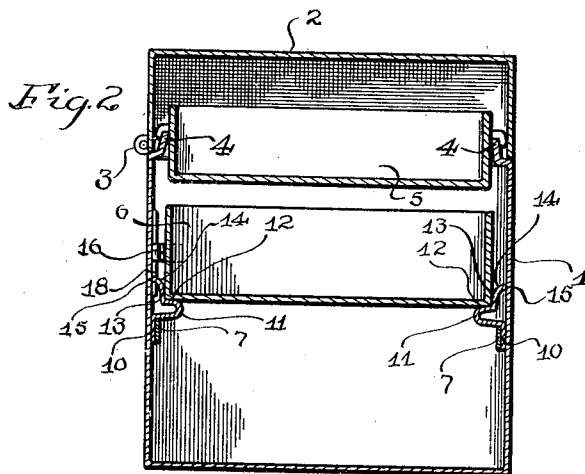
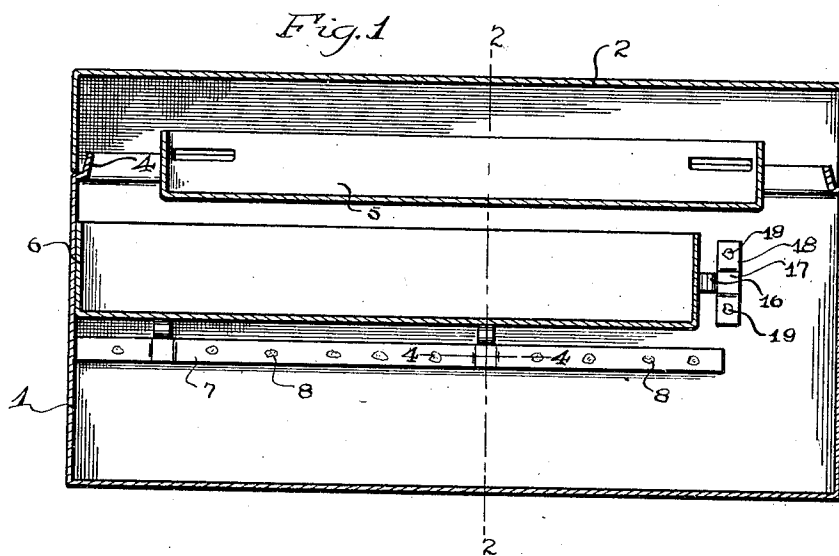
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RECEPTACLE WITH TRAY

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RECEPTACLE WITH TRAY

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The present invention relates to receptacles with trays and an object thereof is to provide a construction in which the tray supporting means may be readily removed from the receptacle or fitted in position to support the tray. Another object of the invention is to prevent the lateral shifting of a tray in a receptacle having a constricted top portion through which the tray may be passed while held in a horizontal plane.

To these and other ends, the invention consists of certain parts and combinations of parts, all of which will be hereinafter described; the novel features being pointed out in the appended claims.

In the drawing:

Fig. 1 is a vertical line through a receptacle constructed in accordance with this invention;

Fig. 2 is a vertical transverse section on the line 2—2, Fig. 1;

Fig. 3 is an enlarged fragmentary section on the same line; and

Fig. 4 is an enlarged horizontal sectional view on the line 4—4, Fig. 1.

Referring to the illustrated embodiment of the invention, 1 indicates the body of the metallic receptacle and 2 the closure having a hinged connection 3 with the rear wall of said body. The body has a constricted portion 4 at its upper edge which forms a support for a tray 5, permitting the closure 2 to be moved over the tray 5 without interference with the latter. An additional tray 6, removable at will, is supported by the side walls of the body 1 below the constricted portion.

A novel means is employed for supporting the tray 6, this means being removable at will so as not to interfere with the contents of the receptacle when the tray is removed. This means comprises, in this instance, two metal strips 7, spot welded at 8 to the inner faces of the front and back of the body 1 are spaced at 9 at intervals from said wall.

There are also provided a plurality of tray supporting devices, each, in this instance, formed from sheet metal to provide a lower anchoring portion 10, an intermediate loop portion 11, the lower arm of which is longer

than the upper, and the upper arm having a surface 12 which forms a supporting surface for the tray 6. Each supporting member also has a portion 13 projecting upwardly beyond the seat or rest 12 to provide an inclined or beveled portion 14 and an abutment portion 15 for cooperation with the inner face of the receptacle. Owing to the fact that the receptacle body 1 has a constricted portion 4 to support the tray 5, the tray 6 must be reduced in width to pass through the restricted portion and as a consequence, the sidewise movement of the tray 6 on the rests or seats 12 is prevented by the upwardly extending portions 13 between the guide walls of the tray and the side walls of the receptacle body 1 which also act to guide the tray to its seats.

The tray 6 is preferably made shorter than the receptacle body so as to provide access to the receptacle below the tray without removing the latter, and with the purpose in view of limiting the longitudinal movement of the tray 6, the rear wall of the receptacle body is provided with an abutment 16 which is formed in the same manner as the supporting members and has its anchoring portion received behind the spaced portion 17 of a strap 18 which is spot welded at 19 to the rear wall of the receptacle body 1.

From the foregoing it will be seen that there has been provided a receptacle having a tray supported therein by a means which is readily disconnectible from the receptacle body and which when in operative position serves to prevent any sidewise movement or play of the tray in the receptacle notwithstanding that the top of the receptacle is constricted to necessitate the use of a tray of less width than the width of the body of the receptacle.

The receptacle is constricted at the top so that the vertical sides of the cover may aline with the side walls of the receptacle when closed. The shoulder formed by the constricted portion acts as a seat for the cover, the upwardly projecting edge of said constricted portion being tipped so as to form a slight wedge fit between the cover and the receptacle to prevent the cover from rattling.

Due to the constriction of the top of the receptacle the tray is narrower than the opening of the constricted portion so that said tray may be inserted into the receptacle. To prevent rattling of the tray when within the receptacle, projecting supports are provided which form a slight wedge fit with the bottom edge of the tray. One end of the tray abuts one end of the receptacle and the other end of the tray abuts an abutment, thus preventing longitudinal play.

What I claim as my invention and desire to secure by Letters Patent is:

1. The combination with a supporting wall having a strip secured thereto and provided with a portion spaced from said wall, of a support having an anchoring portion depending therefrom and positioned behind such spaced portion of the strip, an intermediate tray supporting portion and a portion projecting above said tray supporting portion to engage the outer face of a tray supported on said supporting portion.

2. The combination with a supporting wall having a strip secured thereto with a portion spaced from said wall, of a tray support having a depending anchoring portion received in said space, an intermediate loop portion having its upper arm shorter than the lower arm and on which a tray may rest, and a portion projecting above said arm to engage the side wall of a tray and provided with an abutment at its end engaging the supporting wall.

3. The combination with a receptacle, a tray adapted to be removably disposed in the receptacle, and means for supporting the tray from the side walls of the receptacle below the top of the latter, of a stop for preventing the longitudinal movement of the tray having a portion extending substantially horizontally between a side wall of the tray and the side wall of the receptacle and engaging the latter, and an anchoring portion beyond the adjacent end of the tray secured to the side wall of the receptacle.

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