

June 14, 1932.

W. M. McADAM

1,863,228

RECEPTACLE

Filed June 13, 1930

2 Sheets-Sheet 1

Fig. 1.

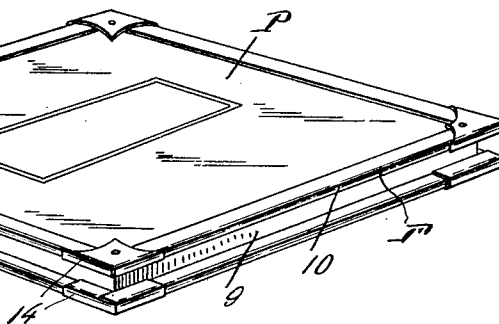


Fig. 2.

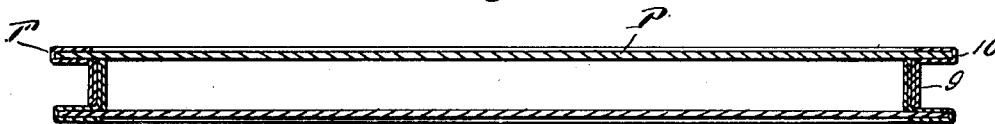


Fig. 3.

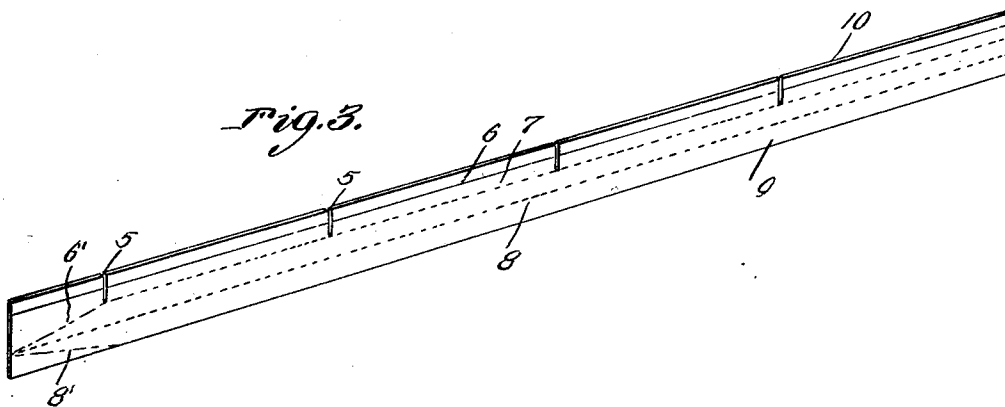
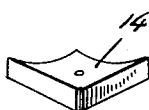


Fig. 4.



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Fig. 4.

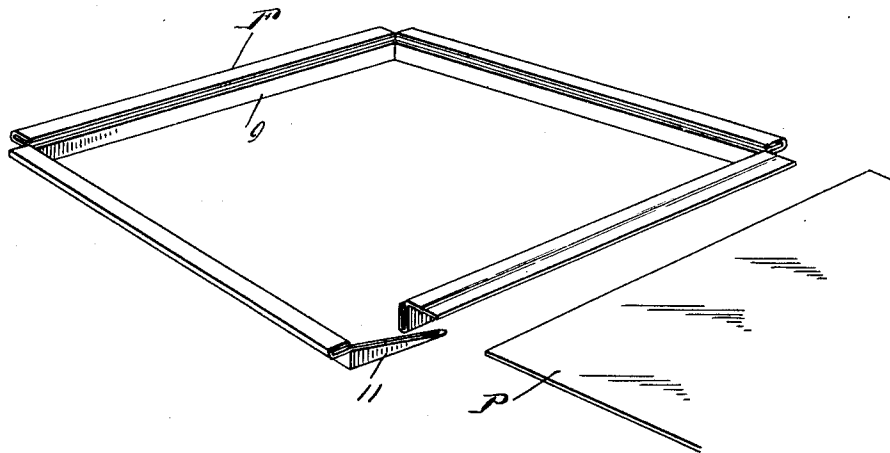


Fig. 5.

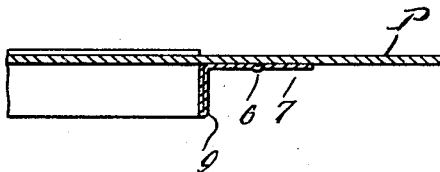
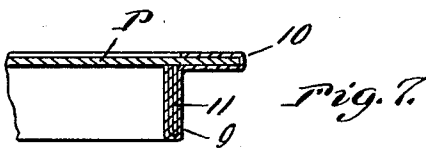


Fig. 7.

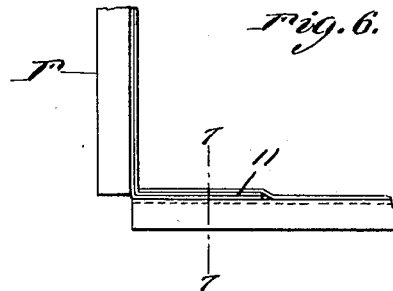


Fig. 6.

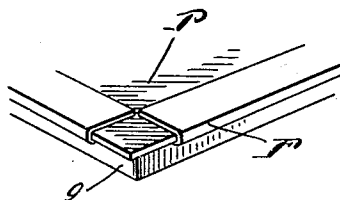


Fig. 8.

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UNITED STATES PATENT OFFICE

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RECEPTACLE

Application filed June 13, 1930. Serial No. 460,942.

The present invention relates generally to receptacles and more particularly to boxes and the prime object of the invention resides in the provision of a novel frame construction which may be cheaply manufactured for holding a panel of cardboard, cellophane, paper, etc. to form the top or bottom of the box.

A further important object of the invention resides in the provision of a box structure of this nature which is simple, easy to assemble, thoroughly efficient and reliable in use, and otherwise well adapted for the purpose for which it is designed.

With the above and numerous other objects in view as will appear as the description proceeds, the invention resides in certain novel features of construction, and in the combination and arrangement of parts as will be hereinafter more fully described and claimed.

In the drawings:—

Figure 1 is a perspective view of a box embodying the features of my invention.

Figure 2 is a vertical section therethrough.

Figure 3 is a perspective view of one of the frame blanks.

Figure 4 is a perspective view of one of the frames ready to receive a panel.

Figure 5 is a sectional view showing the panel being inserted.

Figure 6 is a plan view of one corner of the frame.

Figure 7 is a detail section therethrough taken substantially on the line 7—7 of Figure 6.

Figure 8 is a perspective view of one corner of one of the sections of the box with the corner piece removed.

Figure 9 is a perspective view of one of the corner pieces.

Referring to the drawings in detail, it will be seen that the box comprises generally an upper and lower section telescopically associated together. A detail description, however, of one section will suffice for both.

Each section comprises a frame F and a panel P.

The frame F is formed from an elongated rectangular sheet of bendable metal such as

tin or the like. A plurality of spaced slits 5 are formed in the plate extending down from the upper edge thereof. This plate is bent along three spaced parallel lines 6, 7 and 8 so as to form side wall 9 and an outwardly disposed channeled portion 10. Then the plate is bent at the split portions to the desired case. One end of the plate is cut along diagonal lines 6' and 8' so as to form a point and this pointed end extension 11 is adapted to be received between the plies of the two-ply wall 9 and clamped therein. In assembling the box one of the sides has its channel portion 10 opened as is shown in Figure 4 so that the panel may be slid in place as is indicated to advantage in Figure 5 and then this channel portion 10 is bent over upon itself. On the corners of the panel are placed corner pieces 14 which may be tracked in place or otherwise secured.

It is thought that the construction, utility and advantages of this invention will now be quite apparent to those skilled in this art without a more detailed description thereof. The present embodiment of the invention has been described in considerable detail merely for the purposes of exemplification since in actual practice it attains the features of advantage enumerated as desirable in the statement of the invention and the above description. It will be apparent that changes in the details of construction, and in the combination and arrangement of parts may be resorted to without departing from the spirit and scope of the invention as hereinafter claimed or sacrificing any of its advantages.

Having thus described my invention, what I claim as new is:—

1. A container or receptacle of the class described comprising a pair of frames, each including side walls of sheet material merging into outwardly directed channel extensions facing inwardly, the side walls of one frame being telescoped in the side walls of the other frame, and panels having their edge portions positioned in the channel extensions.

2. A container or receptacle of the class described comprising a pair of frames, each including side walls of sheet material merging into outwardly directed channel exten-

sions facing inwardly, the side walls of one frame being telescoped in the side walls of the other frame, and panels having their edge portions positioned in the channel extensions, each side wall and its channel extension being formed from a single sheet of material split at intervals across the channel extension portion to permit the frame being bent to the desired formation.

3. A container or receptacle of the class described comprising a pair of frames, each including side walls of sheet material merging into outwardly directed channel extensions facing inwardly, the side walls of one frame being telescoped in the side walls of the other frame, and panels having their edge portions positioned in the channel extensions, said walls and channel extensions of each frame being formed from a single sheet of material split across the channel extensions, said walls being of two-ply construction and the end of one wall having an extension receivable between the plies of another end to be clamped therebetween.

In testimony whereof, I affix my signature.
WILLIAM M. McADAM.