

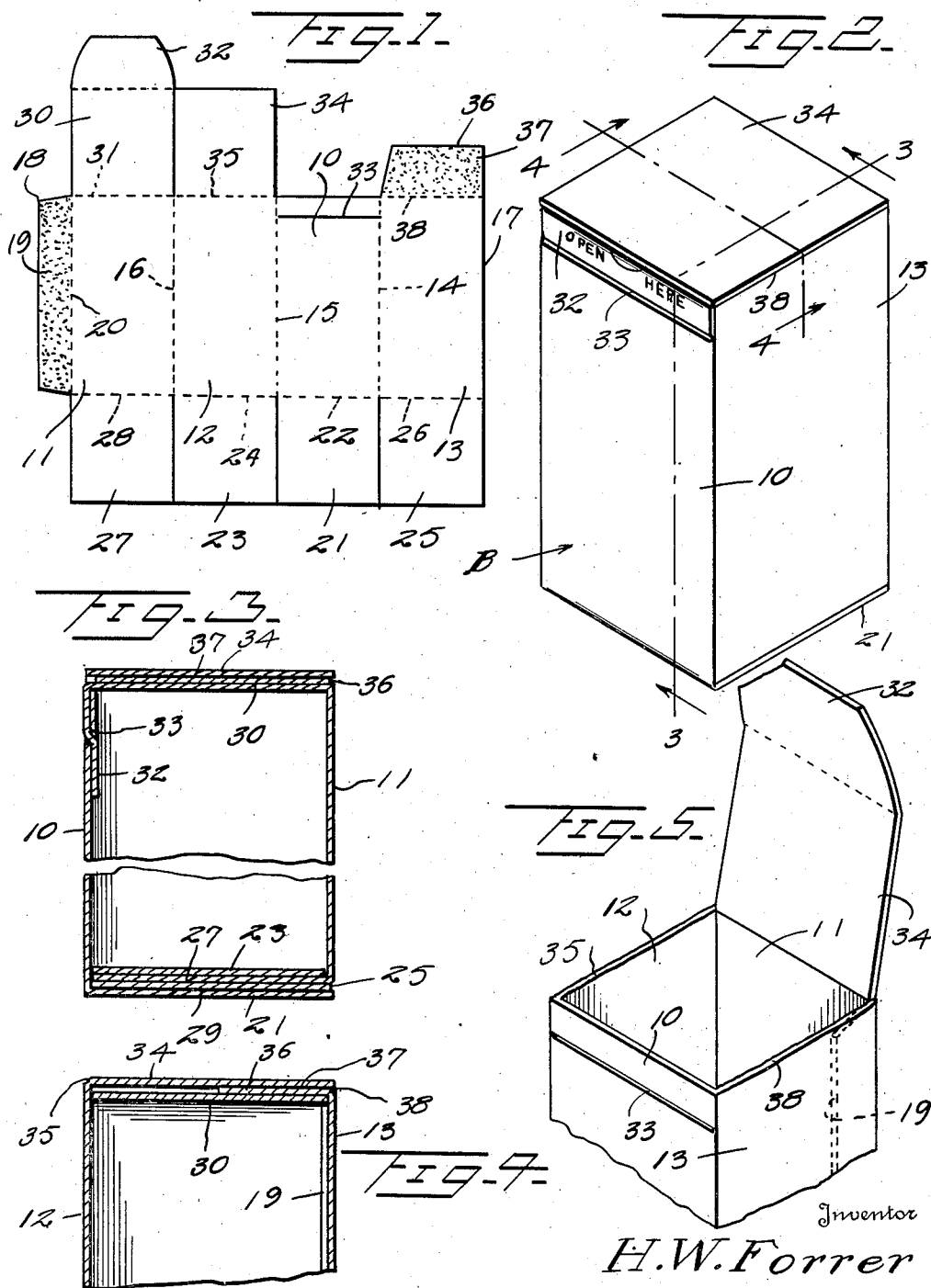
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CARDBOARD RECEPTACLE

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CARDBOARD RECEPTACLE

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2 Claims. (Cl. 229—45)

This invention relates to cardboard receptacles.

An object of this invention is to provide a box which can be stamped from a blank and which when assembled is sealed. The box is so constructed that a pair of overlapping end flaps are normally adhesively secured together in a position outside of and overlapping the hinged end closure so that access cannot be had to the contents of the box without cutting or tearing off the overlapping end flaps. When the box is unsealed the contents are protected by closing and locking of the closure.

Another object of this invention is to provide a sealed box or receptacle which when unsealed can be subsequently opened and reclosed a number of times, the closure providing an effective protection for the contents of the box.

To the foregoing objects and others which may hereinafter appear, the invention consists of the novel construction, combination and arrangement of parts as will be more specifically referred to and illustrated in the accompanying drawing, wherein is shown an embodiment of the invention, but it is to be understood that changes, modifications and variations may be resorted to which fall within the scope of the invention as claimed.

In the drawing:

Figure 1 is a plan view of a blank box constructed according to an embodiment of this invention,

Figure 2 is a perspective view of the box in closed and sealed position,

Figure 3 is a sectional view broken away, taken on the line 3—3 of Figure 2,

Figure 4 is a fragmentary sectional view taken on the line 4—4 of Figure 2, and

Figure 5 is a fragmentary perspective view of the box with the lid or closure open.

Referring to the drawing, and first to Figure 1, there is disclosed a blank cut from a single sheet of cardboard or other suitable material which is adapted to be bent and folded into a box as will be hereinafter described. The blank includes a front wall 10, a rear wall 11, and opposite side walls 12 and 13. The several walls 10, 11, 12 and 13 are rectangular in configuration and are adapted to be bent or folded to form a box which is substantially square in transverse section but rectangular in side or front elevation.

The side wall 13 is adapted to be bent or folded at right angles to the front wall 10 along the dotted line 14, and the side wall 12 is adapted

to be bent at right angles to the front wall 10 along the dotted line 15. The rear wall 11 is adapted to be bent at right angles to the side wall 12 along the dotted line 16, the forward edge of the rear wall 16 being extended in the direction of the adjacent edge 17 of the side wall 13. The rear wall 11 is formed with an elongated narrow flap 18 which is provided with an adhesive 19 on one face thereof, the flap 18 being bent at right angles to the wall 11 along the dotted line 20. The flap 19 is adapted to be positioned on the inner side of the side wall 13, as shown in Figure 4, being adhesively secured to the inner side of wall 13 so as to thereby hold the box in assembled position.

The box generally designated as B, which is formed by the blank shown in Figure 1, includes a bottom wall construction which in the form shown is formed of superposed layers of substantially square flaps. The front wall 10 is provided with a bottom flap 21 which is adapted to be bent along the dotted line 22, the wall 21 as shown in Figure 3 being the lower or outermost ply. The side wall 12 is formed with a bottom wall flap 23 adapted to be bent at right angles to the wall 12 along the dotted line 24. The side wall 13 is also provided with a bottom wall flap 25 which is bent along the dotted line 26. It will be understood the square flaps referred to can be other than square.

The rear wall 11 has formed integral therewith a bottom wall forming flap 27 which is bent along the dotted line 28 and as shown in Figure 3, the bottom forming flap 27 is adapted to be interposed between the two flaps 23 and 25. The flap 25 which confronts the outer lower flap 21 is adhesively secured as at 29 to the upper inner side of the flap 21.

A lid or closure 30 is hinged as indicated at 31 to the upper edge of the rear wall 11 and is provided with a locking tongue 32. The lid 30 is adapted to extend over the upper end of the box B and the tongue 32 is adapted to be extended through an elongated slot 33 which is formed in the front wall 10 adjacent the upper edge thereof. The side wall 12 has formed integral therewith a top wall forming flap 34, the flap 34 being connected to the upper edge of the side wall 12 by means of a score or tear line 35. The opposite side wall 13 has formed integral therewith a flap 36 which is smaller in size than the flap 34 and is provided on its upper side with adhesive 37. The flap 36 is connected to the upper edge of the side wall 13 by means of a score or tear line 38.

In the assembled position of the box, the bottom flaps 21, 23, 25 and 27 are folded inwardly at right angles to the side, rear and front walls and the outermost flap 21 adhesively secured to the flap 25. The contents of the box may be inserted therein whereupon the lid 30 is swung over the upper open end of the box and the tongue 32 is threaded through the slot 33. The flap 36 is then swung inwardly to overlap the upper side of the lid 30, the adhesive 37 being uppermost and then the outer flap 34 is swung into overlapping position on top of the flap 36, the adhesive 37 firmly securing the flap 34 and sealing the container.

When it is desired to open the box, the tongue 32 may be pulled outwardly of the slot 33 and the tongue 32 then used as a handle and the lid raised. Raising of the lid 30 will cause the flaps 34 and 36 to be torn along the tear lines 35 and 38, respectively, and as the flaps 34 and 36 are unsecured with respect to the lid 30, these secured-together flaps will fall off of the box leaving the lid 30 free. After the box has once been unsealed, the lid 30 may be opened and closed an indefinite number of times, the lid 30 being locked in closed position by threading of the tongue 32 through the slot 33. In this manner the contents of the box will not become soiled by foreign matter entering the box after the latter has been unsealed. It is contemplated that this box be made out of cardboard or other suitable fibrous material, the box being particularly made for holding medicated gauze or other hospital supplies which are to be

kept unsoiled after the original container has been unsealed.

What I claim is:

1. A box comprising front, rear and opposite side walls, a bottom wall, a lid hinged to said rear wall, a tongue carried by said lid, said front wall having a slit therein whereby said tongue may be threaded through said slit to hold said lid in closed position, and tearable lid sealing members carried by said side walls and extending transversely across said lid, said sealing members being adhesively secured together in overlapping relation to each other exteriorly of said lid.

2. A box comprising front, rear and opposite side walls, a longitudinal flap carried by said rear wall adhesively secured to one of said side walls, overlapping bottom wall forming flaps carried by said front, rear and opposite side walls, a lid hinged to said rear wall, a tongue carried by the front edge of said lid, said front-wall having a slit adjacent the upper edge thereof whereby said tongue may be threaded through said slit, a pair of top flaps tearably carried by said side walls and initially overlapping said lid to hold the lid in sealed and closed position, and adhesive means securing said top flaps together in overlapping relation relative to each other, raising of said lid to unsealed and open position effecting severance of said top flaps from said side walls whereby said top flaps will separate from said side walls and said lid.

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