July 13, 1926. 1,592,381

R. I. MOREHOUSE

MATCH BOX

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Fig. 1.

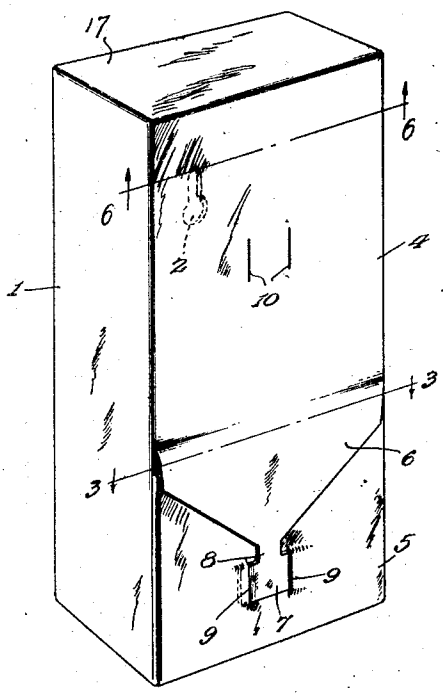
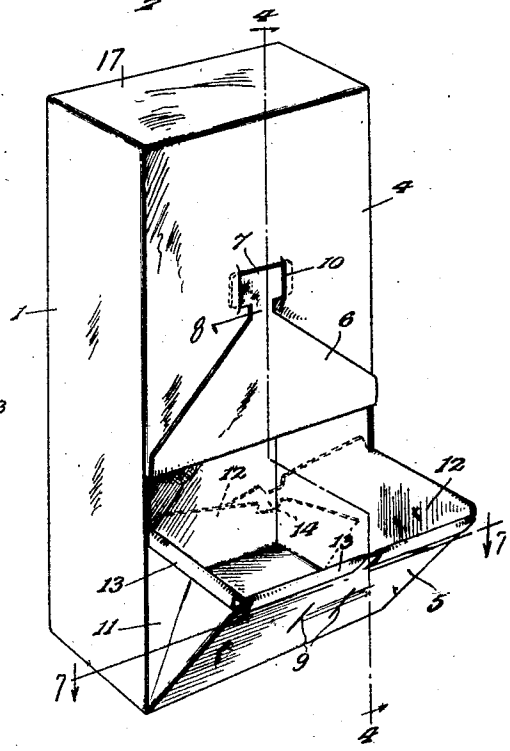


Fig. 2.



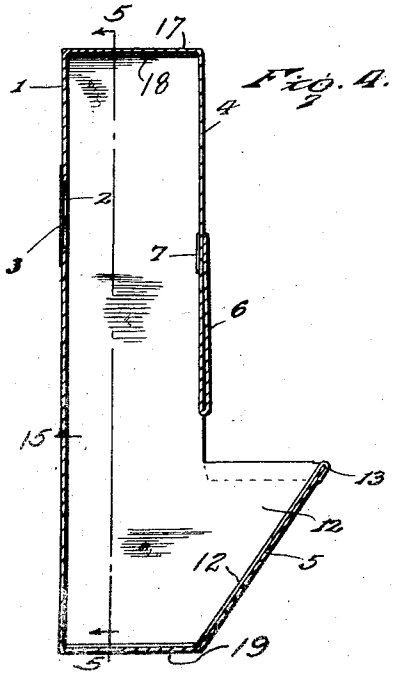
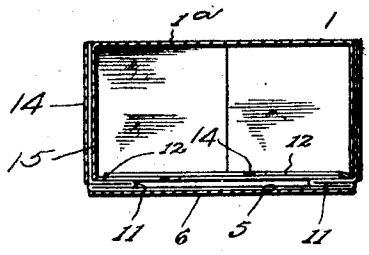


Fig. 4.

Fig. 3.



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Fig. 5.

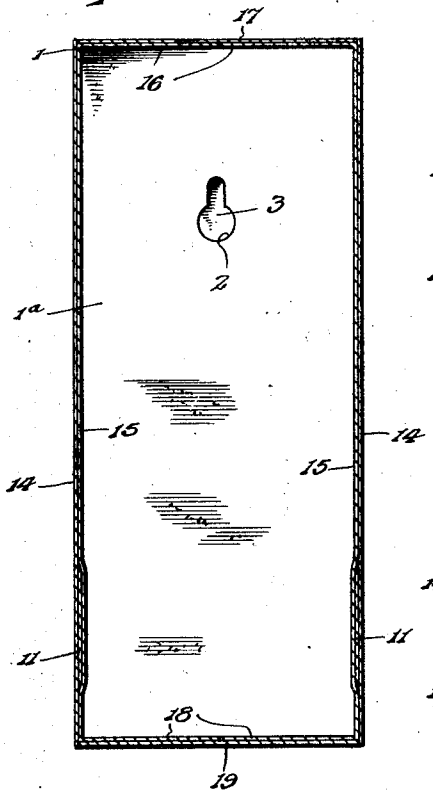


Fig. 6.

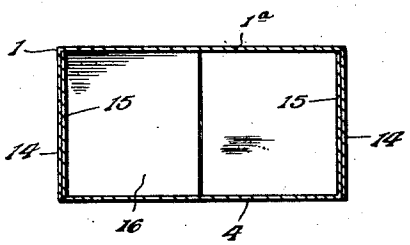


Fig. 7.

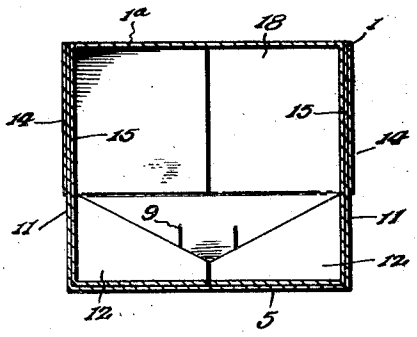


Fig. 8.

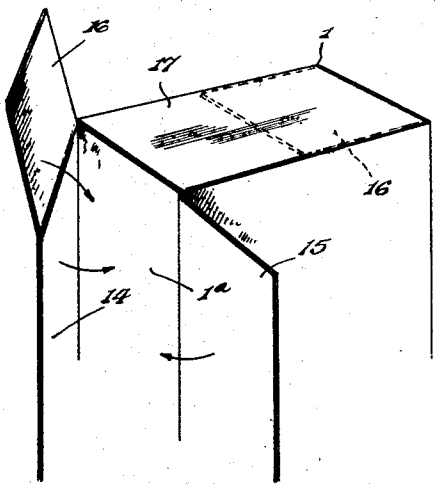
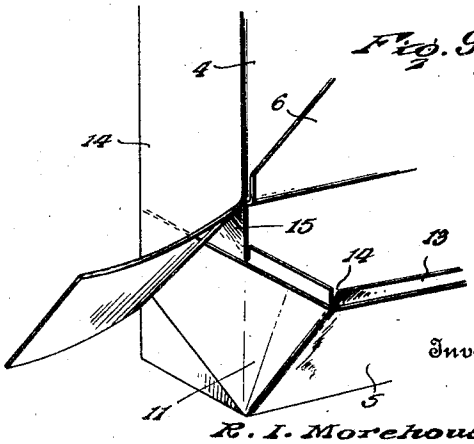


Fig. 9.



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Patented July 13, 1926. 1,592,381

UNITED STATES PATENT OFFICE.

RAY IRA MOREHOUSE, OF WEST ALLIS, WISCONSIN.

MATCH BOX.

Application filed January 13, 1926. Serial No. 81,009.

The invention relates to match containers in which matches are marketed, and has for its primary object to provide a box, which may be stood on end, or suspended from a wall, having a portion adapted to be extended to form a trough, or receptacle, standing out from the front of the box, into which the matches are automatically fed from the box which constitutes a magazine and from which the matches may be conveniently removed as required.

A further object of the invention is to reinforce and brace the receptacle when extended and to construct the same so as to fold into a compact space without interfering with the matches.

The invention also provides a flap having a tab to interlock with and hold the receptacle in folded position and which, furthermore may be held out of the way when the receptacle is extended.

While the drawings illustrate a preferred embodiment of the invention it is to be understood that in adapting the means to meet specific needs and requirements the design may be varied, and such other changes in the minor details of the construction may be resorted to within the scope of the invention, as claimed, without departing from the spirit thereof.

For a full understanding of the invention and the merits thereof, reference is to be had to the following description and the drawings hereto attached in which,—

Figure 1 is a perspective view of a match box, embodying the invention, and showing the trough, or receptacle folded and secured,

Figure 2 is a view similar to Figure 1, showing the trough, or receptacle extended and the securing flap held up out of the way,

Figure 3 is a horizontal sectional view on the line 3—3 of Figure 1,

Figure 4 is a vertical transverse sectional view on the line 4—4 of Figure 2, looking in the direction of the arrows,

Figure 5 is an enlarged sectional view on the line 5—5 of Figure 4, looking in the direction of the arrows,

Figure 6 is a sectional detail on the line 6—6 of Figure 1, looking in the direction of the arrows,

Figure 7 is a horizontal section on the line 7—7 of Figure 2,

Figure 8 is a detail perspective view of an end portion of the box, the plies comprising the near side being open, and

Figure 9 is a detail perspective view of a corner portion of the box containing the trough, an end portion of the outer ply being turned outward to expose the extension of the bellows flaps which is secured between the outer and inner plies comprising the sides.

Corresponding and like parts are referred to in the following description and designated in the several views of the drawings by like reference characters.

The numeral 1 designates the body of the box which may be of any usual, or preferred construction in which matches are usually marketed. The back, or bottom of the box 1 is provided near one end with a key-hole slot 2 to receive the head of a tack, or like fastening driven into a wall, or other support to admit of the box being suspended when in service. A label 3 may be applied to the bottom of the box to normally close the slot 2 and this label, or part, is removed or broken through when it is desired to suspend the box from a nail, or analogous element.

The front, or top of the box comprises a fixed section 4 and a movable section 5. A flap 6 constitutes an extension of the fixed section 4 and terminates in a tab 7 which is disposed crosswise of a narrow neck portion 8 connecting the tab with the flap. Parallel slits 9 are formed in the movable section 5 and receive the ends of the tab 7 whereby to secure the flap 6 and section 5. Other slits 10 are formed in the fixed section 4 to receive the ends of the tab 7 and hold the flap 6 out of the way, as indicated most clearly in Figures 2 and 4. The flap 6 normally extends over the section 5 and when the tab 7 is engaged with the section 5 by passing through the slits 9 thereof said section is held in closed position.

An end portion of the box is constructed to provide a trough, or receptacle, as shown most clearly in Figures 2 and 4, and the section 5 of the top constitutes the front of said receptacle, or trough, and bellows flaps 11 connect the ends of the front, or section 5 with the sides of the box and serve to close the ends of the receptacle as well as limit the outward movement of the part 5.

Flaps 12 forming extensions of the sides of the box 1 normally overlap each other,

as shown most clearly in Figure 3, and when the section 5 is extended the flaps 12 are adjusted to engage the inner side of the bellows flaps 11 and the section 5 and their upper edge portions are folded over the upper edge of the parts 5 and 11, as shown most clearly in Figure 2 at 13, thereby holding the flaps 12 in place and reinforcing and strengthening the parts 11 and 5 and bracing the trough, or receptacle. The side flaps 12 project, or are of greater width than the parts 11 and 5, so as to fold over the upper edge portions thereof. The upper edge portions of the flaps 12 are notched, as indicated at 14, and these notches are positioned to agree with the outer corners of the trough, or receptacle to admit of the projecting edge portions of the flaps 12 folding over the upper edge portions of the parts 11 and 5.

The top or front, and the back, or bottom of the box are of a single thickness, whereas the ends and sides are of a double thickness. The sides of the box comprise an outer ply 14 and an inner ply 15. Flaps 18 at one end of the plies 14 underlap the end 17, and flaps 18 at the opposite end of the plies 15 overlap the end 19. The bellows flaps 11 form lateral extensions of the part 5 and are extended to come between the plies 14 and 15. The flaps 12 form extensions of the plies 15 and normally lie against the inner side of the part 5 with the flaps 11 between the parts 12 and 5, as shown most clearly in Figure 3. The several parts preferably consist of elements of a single blank.

The box containing the matches appears, as shown in Figure 1 when prepared for the market and when adjusted for use it appears substantially as shown in Figures 2 and 4, the flap 6 being turned up, out of the way and the section 5 and bellows flaps 11 being extended and made secure by the flaps 12 in the manner herein stated.

Having thus described the invention, I claim:

1. A match box, having its top formed of a fixed and a movable section, the latter being adapted to be moved outward to form a trough, or receptacle, and a flap forming a part of the fixed section and adapted to extend over the movable section and engaged therewith to secure the same in folded position, and adapted to be turned against said fixed section and engaged therewith to be held out of the way.

2. A match box, having its top formed of a fixed and a movable section, each being provided with a pair of slits, a flap forming part of the fixed section and provided with a tab adapted to engage the slits of the said sections, either to secure the movable section, or to be retained out of the way when the movable section is extended.

3. A match box having a portion of its front movable, bellows flaps connecting opposite ends of the movable portion with the sides of the box, and side flaps adapted to be extended to hold the movable part and bellows flaps extended to provide a trough, or receptacle.

4. A match box having an end section of its top movable, bellows flaps connecting opposite ends of the movable section with the sides of the box and side flaps adapted to be adjusted to lie against the inner side of the bellows flaps and said movable end section and having upper edge portions folded over the upper edge portion of said bellows flaps and the movable end section.

In testimony whereof I affix my signature.

RAY IRA MOREHOUSE. [L. S.]