April 23, 1935. H. P. McGOVERN 1,998,881

DISPLAY BOX

Filed Jan. 15, 1934

Fig. 1.

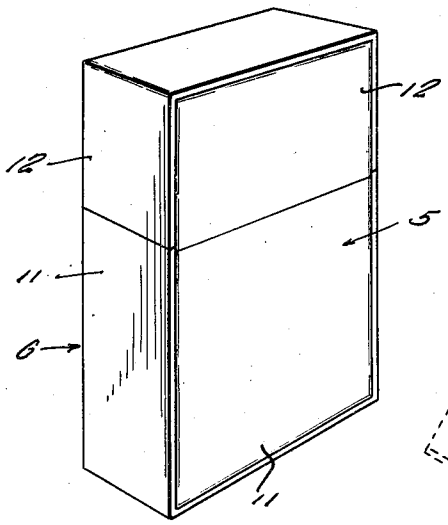
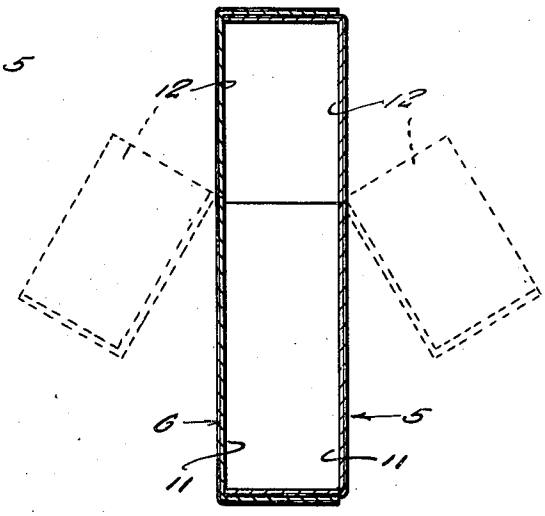


Fig. 2.



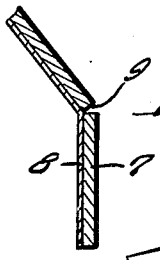
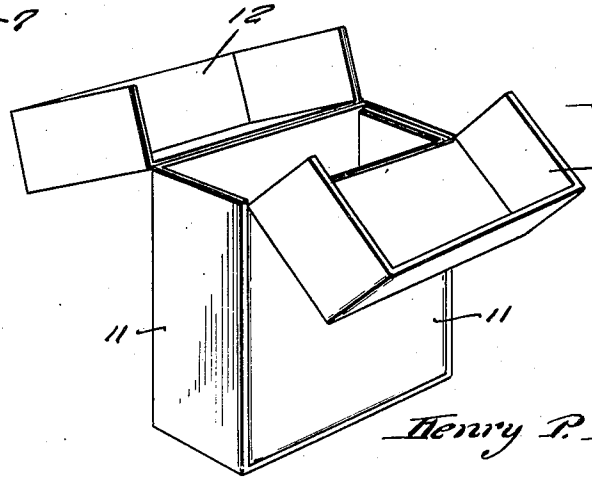


Fig. 4.

Fig. 3.



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UNITED STATES PATENT OFFICE

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DISPLAY BOX

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Application January 15, 1934, Serial No. 706,725

2 Claims. (Cl. 206—44)

This invention relates to a box for holding and displaying articles of various types including long, narrow cylindrical or square bottles, phials, cigarettes, pencils, cigarette cases, playing cards, bill folds, key containers and the like.

In accordance with the present invention the box of the character suggested is so constructed as to have the necessary rigidity for carrying with safety articles of glass, and further so constructed that when the box is open the same may be readily set up on end and will not easily tip over.

The invention together with its objects and advantages will be best understood from a study of the following description taken in connection with the accompanying drawing wherein:

Figure 1 is a perspective view of the box, the same being in fully closed condition.

Figure 2 is a longitudinal sectional view through the box, the position of the hinge portions of the box, when in open condition being indicated by broken lines.

Figure 3 is a perspective view of the box in open condition and

Figure 4 is a fragmentary sectional view showing the hinge connection between the fixed and hinged parts of one section of the box.

In accordance with the present invention the box is somewhat of conventional construction in that it includes or consists of two relatively rigid telescoping sections including the section 5 that fits snugly within the section 6. Each section is of identical construction being formed of relatively rigid or stiff cardboard 7 to the outer surface of which is adhesively secured in the usual manner a thin sheet of paper 8 which may be of any desired color.

Each of the sections 5, 6, preferably adjacent one end thereof has the cardboard body 7 thereof scored on a transverse line as at 9, the scoring being for the full thickness of the cardboard 7, and dividing each section of the box into what may be termed a fixed portion 11 and a hinged portion 12.

The manner of forming the hinge connection between the parts 11 and 12 of each section is clear from a study of Figure 4, and from the above, and as shown in Figure 4 the paper 8 will crease on a line adjacent to the scoring line so as to permit the section 12 to swing outwardly in reverse direction from the closed position shown in Figure 1 to the open position shown in Figure 3 and suggested by broken lines in Figure 2.

Further in accordance with the present invention the nested sections 11 of the box have the corresponding side and end walls thereof adhesively secured together to prevent the usual separation of these sections, while of course the hinge sections 12 may be readily mutually separated for opening the box either to insert or remove articles or to display articles contained within the box.

It will be apparent that a box of this character will be rigid, strong and durable with an efficient hinge provided between the fixed and swinging sections by the scoring of the cardboard, and the backing of the cardboard with paper as hereinbefore fully set forth.

It will be further appreciated that a box of this character will have all the advantages of what is known in the art as a "two-piece wrapped box" with the added advantage that the pieces or sections of the box can not easily separate and that the box can be stood on end with corresponding portions of the sections of the box folded or swung back in a manner to display the contents of the box.

It is of course obvious that the invention may assume forms other than that specifically shown and described, as for example the scoring of the shell or section 5 may be dispensed with so as to provide but a single hinge member 12, and that member being associated with the outer section or shell 6. On the other hand the scoring of the part or shell 6 may be dispensed with to provide but a single hinge section 12 and that section being associated with the inner section or shell 5. As a further alternate the outer shell 6 may be of the wrapped broken back form as shown while the inner shell may be of the unwrapped type provided with a liner and may either be of the hinge type shown or scoring dividing said shell 5 into fixed and hinged sections may be dispensed with.

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

1. A cardboard box consisting of two normally mutually separable telescoping shells, each of which has a bottom wall and a continuous marginal wall, the latter wall extending along both sides and ends of the shell, each shell also having a paper sheet covering the outer faces of the bottom and marginal wall; and each shell at one side of its transverse center having an incision extending across the bottom and the side portions of the marginal walls, said incision having all points thereof in the same plane, said plane being parallel with the end partions of the marginal walls; and the incision of each shell for that por-

tion thereof extending across the bottom wall of the shell being of a depth equal to the thickness of the cardboard only thereby leaving the outer paper covering for said bottom wall of the shell the sole connecting means between the sections into which the shell is divided by said incision.

2. A box consisting of two normally mutually separable telescoping shells, each of which has a bottom wall and a continuous marginal wall, the latter wall providing side and end walls for the shell permanently united at the corners of the shells, and each shell also having a paper sheet covering the outer faces of the bottom, side and end walls; each shell at one side at its transverse center having an incision extending across its bottom and side walls, said incision having all points thereof in the same plane, said plane being parallel with the end walls of the shells; said shells also having the overlapping side and end walls at one side of the incisions, mutually united, with the overlapping side and end walls of the shells at the opposite side of the incisions being mutually free, the portions of the shells at the last named side of the incision forming hinged sections to give ready access to, and also to readily expose to view the box contents, and the mutually united portions of the shells forming a rigid pocket-like section to receive the box contents, and also to provide for the setting up of the box on end and perpendicular to the surface upon which it may rest; the said incision in the bottom wall of each shell being for the full thickness of the cardboard only whereby the outer paper covering of the shell forms the sole connecting means between the aforementioned section forming portions of the shell.

HENRY P. McGOVERN.