Dec. 23, 1924.

H. L. MYERS

1,520,135

BOX

Filed Dec. 4, 1923

Fig. 1.

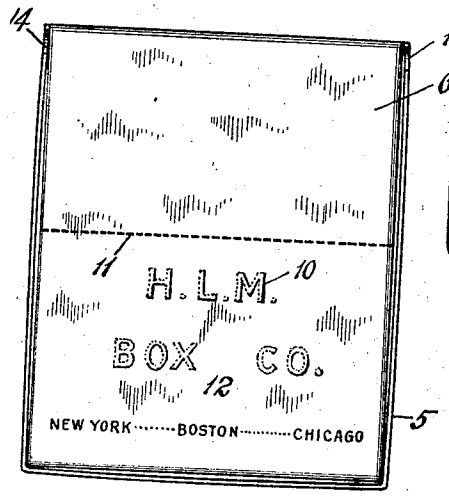


Fig. 2.

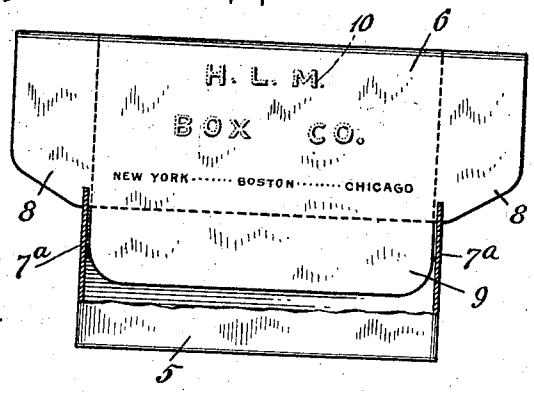


Fig. 3.

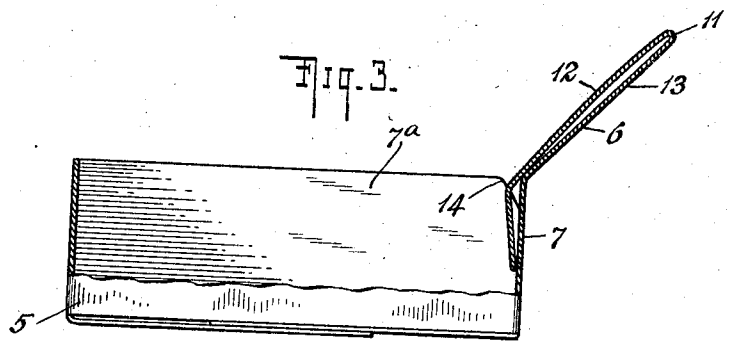
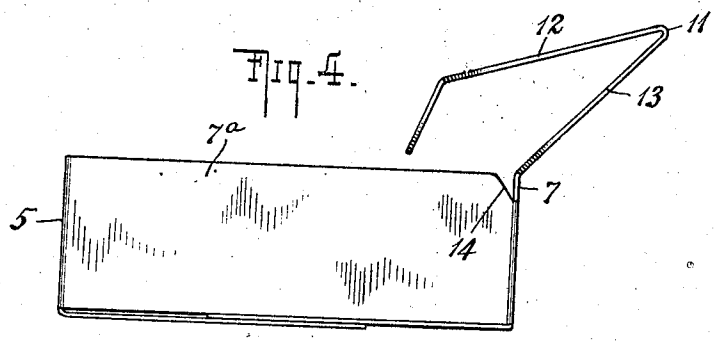


Fig. 4.



WITNESS

G. V. Rasmussen

INVENTOR

HAROLD L. MYERS

BY

Wiesen & Clarence

ATTORNEYS

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UNITED STATES PATENT OFFICE.

HAROLD L. MYERS, OF MORRISTOWN, NEW JERSEY.

BOX.

Application filed December 4, 1923. Serial No. 678,378.

To all whom it may concern:

Be it known that I, HAROLD L. MYERS, a citizen of the United States, and resident of Morristown, county of Morris, and State of New Jersey, have invented a certain new and useful Improvement in Boxes, of which the following is a specification.

My invention relates to boxes of paper, pasteboard and the like, and more particularly to that class of such boxes commonly known as folding or knockdown boxes which in addition to serving as containers for merchandise are also utilized to act as a medium for the display of such merchandise. Such boxes, in many cases, include a cover upon which advertising matter is produced and which is intended to occupy an open, upright, more or less inclined, position for the display of such advertising matter when said boxes have been opened and are used as a means for displaying the goods which they contain. In existing forms of such boxes the contents are utilized to assist in maintaining the cover in the aforesaid upright position with the result that when a part of said contents has been disposed of or removed from the box the cover is no longer enabled to occupy its intended display position. The particular object of my invention is to provide a box of the indicated type in which the aforesaid disadvantages are avoided and in which the cover may be efficiently set and maintained in an open, display position in a simple manner and independently of any co-operation and regardless of the condition of the contents of the box. Other more specific objects will appear from the description hereinafter.

In the accompanying drawings, which show an example of the invention without defining its limits, Fig. 1 is a plan view of the box with the cover closed; Fig. 2 is an end view partly in section with the cover in its display position; Fig. 3 is a side elevation partly in section showing the cover in its display position and Fig. 4 is a side elevation showing the cover disengaged from the box body.

As shown in the drawings, the box comprises a body 5 which consists of a plurality of panels and flaps foldable along suitably located score lines to form the box; it will be understood that provision is made, in any well-known way, for maintaining the panels and flaps in their intended relation to each other to provide the body. The arrangement of panels and flaps may be such as to produce any conventional type of box or any special form thereof, the details of construction and arrangement of the body forming no part of the present invention.

The box further includes a cover 6 which is foldably connected with an end wall 7 of the body and, in the illustrated example, is provided with side flaps 8 and an end flap 9 arranged to be tucked into the body 5 to maintain the cover in its closed position. As indicated diagrammatically in Fig. 1 suitably advertising matter 10 is produced upon the cover 6 and is of such a character and so arranged as to be capable of being displayed to view, when the cover is set in its open display position, as will be more fully pointed out hereinafter.

The cover 6, and also the side flaps 8, if the latter form part of the cover, are transversely scored as indicated at 11, the score line being located somewhat to one side of the center of the cover and dividing the same into panels 12 and 13 of unequal dimensions; that is to say the panel 12 at the outer end portion of said cover is somewhat larger than the panel 13 at the inner end thereof. As shown in Figs. 3 and 4 the upper corners of the side walls 7^a of the body 5 adjacent to the end wall 7 are cut away or otherwise shaped to provide notches 14 located at the corners formed by the walls 7 and 7^a and at the upper edges thereof; in some cases the notches 14 may be otherwise formed but in any case will always be upwardly open and in close proximity to the end wall 7 or any other wall to which the cover 6 is hinged.

With this arrangement, when the cover 6 is folded upon itself on the score line 11 to bring the panels 12 and 13 into surface engagement with each other or approximately so, the free end of the panel 12 will project beyond the hinged edge of the panel 13. By bringing this projecting portion of the panel 12 into the notches 14, as shown in Figs. 3 and 4, the cover will be fixed in an upright, more or less inclined position in which that surface of the panel 12 upon which the aforesaid advertising is produced is attractively displayed to view. This display position of the cover is maintained without any assistance from the contents of the box and independently thereof and is in no way affected by a removal of all or a part of said contents from the box.

The arrangement is simple and efficient and does not affect either the appearance or the utility of the box as a container for merchandise and requires no complicated efforts or skill to fix the cover in the open display position or to release it for the purpose of bringing said cover either to an extended open position or to a closed position. The improvement is capable of being incorporated in any type of box in which the cover, by folding, is to occupy an upright display position, with respect to the box body.

Various changes in the specific form shown and described may be made within the scope of the claim without departing from the spirit of my invention.

I claim:

A box comprising a body having upright end and side walls and provided with open notches at corners between an end wall and two side walls, a cover hinged to the end wall at which the notches are located and a score line extending transversely of said cover at a point to one side of its transverse center and nearer to its hinged end than to its free end whereby the cover is foldable upon said score line into outer and inner end panels, the outer end panel in the folded position of the cover projecting outwardly in opposite directions beyond the side walls of the body and being larger than the inner end panel, whereby edge portions are provided on said outer end panel which project beyond the hinged edge of the inner panel into said notches to maintain the folded cover in an upright display position relatively to said body with the panels in approximate surface contact with each other.

In testimony whereof I have hereunto set my hand.

HAROLD L. MYERS.