

May 21, 1968

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3,384,290

PAPER BOX

Filed Sept. 30, 1966

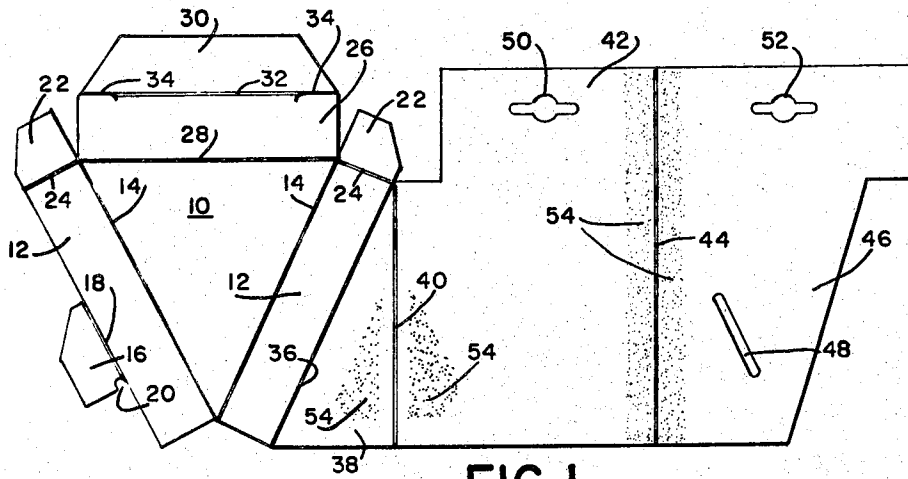


FIG. 1

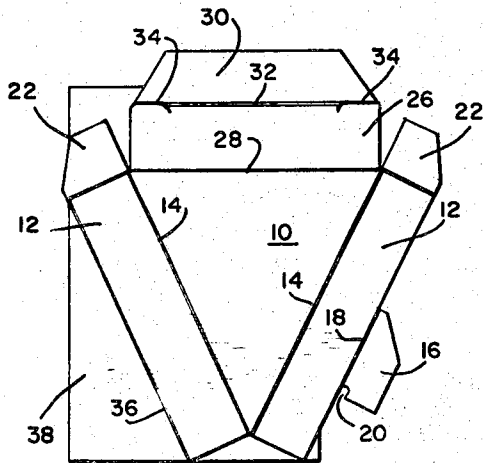


FIG. 2

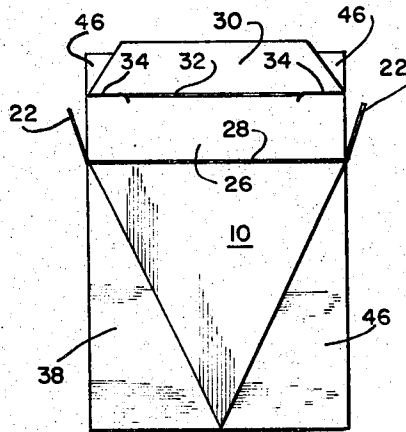


FIG. 3

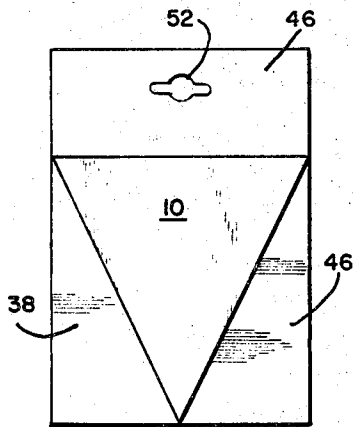


FIG. 4

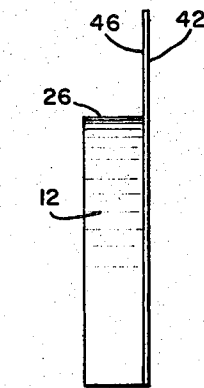


FIG. 5

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PAPER BOX

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Filed Sept. 30, 1966, Ser. No. 583,196
8 Claims. (Cl. 229-22)

ABSTRACT OF THE DISCLOSURE

The disclosure relates to a paper box having a generally triangular configuration in front elevation whose rear panel extends beyond the sides of the triangular portion of the container. The box consists of a unitary blank folded in a manner to expose portions of the rear panel to the sides of the triangularly configured front panel.

This invention relates to a paper box constructed from a unitary blank wherein a rear wall extends beyond the area defined by a triangular front wall or panel.

Examples of paper boxes having triangular front and rear panels in accordance with the prior art are disclosed in the patent to Benner 1,673,176, 1928 and in French Patent 579,121, dated 1924. In neither of these patents is there any provision for a rear wall extending beyond the area of the triangular wall so as to produce a display package possessing the advantages characterizing the present invention. By virtue of the fact that the rear wall extends beyond the area of the front panel of the box of the present invention, the assembly is more readily mounted for display and an increase in advertising space is provided while still providing the advantages of production from a unitary blank.

It is among the objects of the present invention to provide a paper box constructed from a unitary blank comprising a triangular front panel, rectangular side panels foldably connected to two sides of the front panel, a locking tap foldably connected to an edge of one of the side panels remote from the front panel, a rear wall having an area greater than the front panel, extending beyond the front panel and containing a slot for reception of the locking tab, and a closure foldably connected to the third side of the front panel. The rear wall includes two layers of material joined by a fold and adhesively bonded together adjacent to the fold and the rear wall preferably extends beyond all three sides of the front panel. Closure flaps are foldably connected to the side panels to underlie the closure, and the closure contains slits for interlocking engagement with the closure flaps. One of the side panels is foldably connected to the rear wall. The slot is contained in one of the two layers of material composing the rear wall. The rear wall preferably provides triangular areas extending beyond two sides of the front panel. The rear wall includes a portion extending beyond the third side of the front panel and such portion preferably contains a slot. This portion preferably includes two layers of material with the slot extending through both of them.

A more complete understanding of the invention will follow from a description of the accompanying drawings wherein:

FIG. 1 is a plan view of a blank from which the box is formed;

FIG. 2 is a plan view of the blank after partial assembly to provide a knock-down box;

FIG. 3 is a plan view of the box partially erected to receive its contents;

FIG. 4 is a plan view of the box in its closed condition; and

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FIG. 5 is a side elevation of the box as depicted in FIG. 4.

The blank of FIG. 1 includes a triangular front panel 10 connected to rectangular side panels 12 by fold lines 14 along two sides of the triangular panel, the rectangular panel 12 shown on the left having a locking tab 16 connected to a portion of one of its edges by a fold line 18, the tab containing a notch 20 in its lower edge adjacent to the rectangular panel to which it is connected.

To the upper edges of the rectangular panels 12 are connected closure flaps 22 along fold lines 24. To the upper side of the triangular panel 10 there is connected a closure panel 26 along a fold line 28 and to the upper edge of the closure panel 26 there is a tuck-in flap 30 connected along a fold line 32. At the ends of the fold line 32 are formed short slits 34 for interlocking engagement with the closure flaps 22 when the box is erected. Connected to the right hand rectangular panel 12 along a fold line 36 is a triangular panel 38 connected by a fold line 40 to a rear panel 42 constituting a portion of the rear wall and to the opposite edge of the panel 42 there is connected along a fold line 44 an inner ply panel 46 which will overlie the panel 42 under assembled conditions. The panel 46 contains a slot 48 for reception of the locking tab 16 when the box is erected. The panels 42 and 46 contain slots 50 and 52 respectively, which will lie in registry after assembly of the parts to receive an element for supporting the package during display. The panels 38, 42 and 46 are provided with an adhesive material 54 represented by stippling so that when the panels 38 and 46 are folded along their fold lines 40 and 44 respectively, they will become bonded by the adhesive to the panel 42. This condition is represented in FIG. 2 wherein the box assumes a knock-down form ready to be erected to receive the merchandise for which it is intended, which might be, for example, a typewriter ribbon.

In order to erect the box from its knock-down condition, folding is effected along the fold lines 36, 14 and 18, whereupon the locking tab 16 will be inserted into the slot 48 so as to bring the notch 20 into interlocking engagement with the material of the rear wall located at the lower edge of the slot 48. The erected box will then assume the form depicted in FIG. 3. Then, after the merchandise has been inserted, the closure flaps 22 will be folded down along their fold lines 24, the closure flap 26 will be folded along its fold line 28 and the tuck-in flap 30 will be folded along its fold line 32 so that the components now assume the form depicted in FIG. 4 where the slits 34 have been interengaged with the closure flaps 22 to produce an interlocking relationship so that the box will not become opened accidentally.

As will be clear from an inspection of FIG. 4, a hook or spike can be inserted through the slot 52 to support the package for display and the exposed portions of the panels 10, 38 and 46 can receive advertising material with respect to the contents of the package.

Whereas only one form of the invention has been described with reference to the accompanying drawings, such variations as will be suggested to those skilled in the art are contemplated as falling within the scope of the appended claims.

I claim:

1. A paper box constructed from a unitary blank comprising a triangular front panel, rectangular side panels foldably connected to two sides of said front panel, a locking tab foldably connected to an edge of one of said side panels remote from said front panel, a rear wall having an area greater than said front panel, extending beyond said front panel and containing a slot for reception of said locking tab, a closure foldably connected to the third side of said front panel, said side panels being

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foldably connected to said rear wall, and said rear wall providing triangular areas extending beyond two sides of said front panel.

2. A paper box according to claim 1 wherein said rear wall includes two layers of material.

3. A paper box according to claim 1 wherein said rear wall includes two layers of material joined by a fold and adhesively bonded together adjacent to said fold.

4. A paper box according to claim 1 wherein said rear wall extends beyond all three sides of said front panel.

5. A paper box according to claim 1 wherein closure flaps are foldably connected to said side panels to underlie said closure, and said closure contains slits for interlocking engagement with said closure flaps.

6. A paper box according to claim 1 wherein said rear wall includes two layers of material, one of which contains said slot.

7. A paper box according to claim 1 wherein said rear wall includes a portion extending beyond said third side of said front panel and said portion contains a slot.

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8. A paper box according to claim 7 wherein said portion includes two layers of material and said slot extends through both layers.

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