March 3, 1959 P. W. BRAMHILL 2,875,938

DISPENSING CARTONS FOR CIGARETTE PACKAGES

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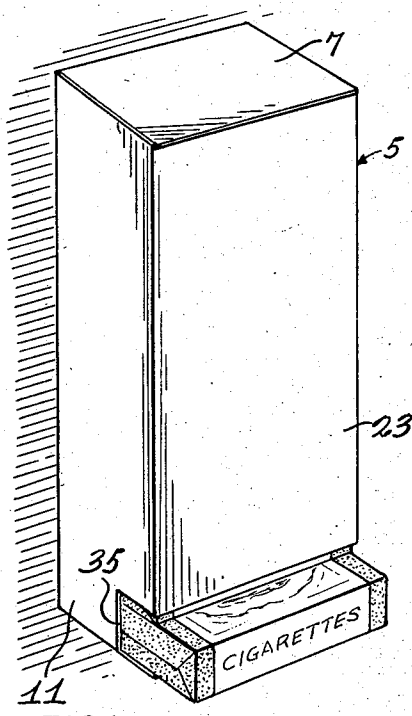


FIG. 1

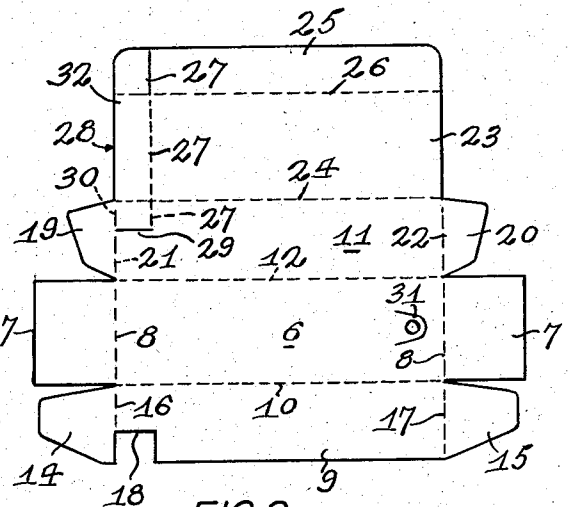


FIG. 2

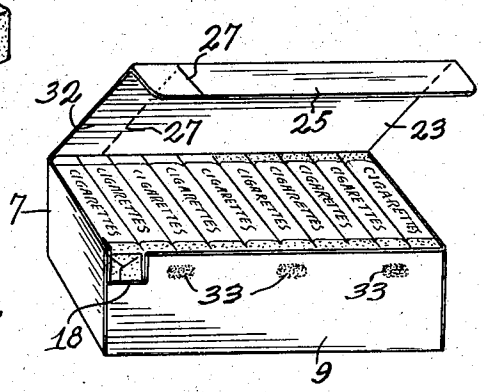


FIG. 3

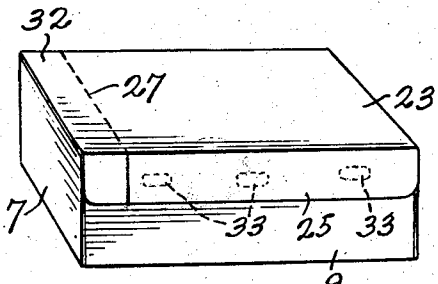


FIG. 4

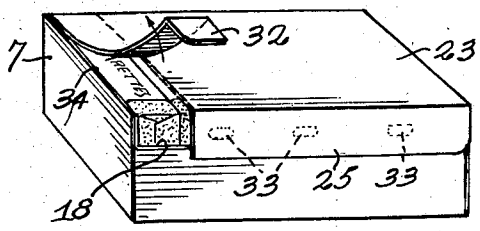


FIG. 5

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DISPENSING CARTONS FOR CIGARETTE PACKAGES

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1 Claim. (Cl. 229—17)

The present invention relates to improvements in cartons for cigarette packages and particularly to the novel conversion of a standard type carton to a dispenser for cigarette packages.

The principal object of this invention is to provide a carton of the character described with novel means for defining a dispensing opening at one end thereof through which opening one package of cigarettes at a time may be removed with facility.

Another object is to provide said carton with a dispensing opening so disposed that when each package is removed therethrough another package will assume a position at the opening in readiness for removal without mechanical aid or manipulation until the carton has been emptied.

One feature of this invention is that it is readily adaptable to a standard type of carton which is employed for transportation and storage of cigarette packages, such carton being convertible to a dispenser without destroying the basic structure of the carton and without displacing the cigarette packages in the process of conversion.

Another feature is that the invention is readily adaptable to a disposable type of carton which can be discarded when empty without material loss over and above that of the standard disposable carton.

Still another feature of this invention resides in the fact that all of the equipment employed in the manufacture of the standard type carton may be retained, it only being necessary to provide certain additional means for scoring the dispensing opening tear strip and one recess or slot in the blank from which the carton is formed. Thus the necessity of making substantial changes or scrapping expensive portions of existing equipment is not required in the production of a dispensing carton embodying my invention.

The above and other objects and features characteristic of my invention will be understood more readily from the following detailed description taken in connection with the accompanying drawings, in which:

Fig. 1 is a perspective view of a dispensing carton embodying my invention.

Fig. 2 is a plan view of a blank from which said carton is formed.

Fig. 3 is a perspective view showing said carton in a substantially formed condition.

Fig. 4 is a perspective view of a carton in closed condition.

Fig. 5 is a view similar to Fig. 4 but showing the dispensing opening tear strip in partial state of being removed.

Referring more particularly to the drawings, **5** generally indicates a cigarette package dispensing carton, illustrated in Fig. 1, which is formed from a blank of cardboard or other suitable material shown in Fig. 2. The blank is stamped to form a rear wall **6**, end walls **7** defined at opposite ends of rear wall **6** by crease lines **8**, a side wall **9**, defined by crease line **10** along one side edge of rear wall **6**, and a second side wall **11**, defined by crease line **12** along the opposite side edge of rear wall **6**.

Side wall **9** has end wall flaps **14** and **15** at opposite ends thereof which are defined by crease lines **16** and **17** respectively. The side wall **9** also has a cut-out recess **18** extending inwardly from the outer edge adjacent the crease line **16**. Side wall **11** has end wall flaps **19** and **20** at opposite ends thereof which are defined by crease lines **21** and **22** respectively.

A front closure wall **23** extends from the side of side wall **11** at a crease line **24**. This front wall **23** is provided along its side edge with a closure flap extension **25** defined by crease line **26**. Substantially adjacent one end **28** of front wall **23** and closure flap **25** there is provided a perforated and through cut line **27** which extends part way across side wall **11**. A second through cut line **29** extends between the inner end of score line **27** and crease line **21**. Additionally, a portion of crease line **21** is perforated at **30**. These perforations facilitate the removal of a tear strip **32**. A carton suspension tab **31** may be cut in the rear wall **6** if desired.

The carton is made up from the blank by folding along the several crease lines and so that the end flaps **14**, **19** and **15**, **20** are respectively infolded behind their adjacent end walls **7** as shown in Fig. 3. Suitable means such as adhesive (not shown) secure the adjacent end flaps and walls in lapping relation. When the cigarette packages have been inserted in the carton **5** the front wall **23** is closed and flap **25** is secured along the outer surface of side wall **9** by adhesive as generally indicated at **33**. In this connection it is preferable that the outer end portion of tear strip be free of adherence to the side wall **9**, although it may be lightly secured if desired.

When the carton **5** is closed, as shown in Fig. 4, it is ready for shipment and storage. When it is desired to gain access to the contents of the carton, the contents may be made accessible according to my invention by removing the tear strip **32** to provide a dispensing opening **34** at one end of the carton, as indicated in Fig. 5, so that, when the carton is stood on end or suspended by tab **31**, one cigarette package is made available for withdrawal at a time through opening **34**, as indicated in Fig. 1.

As will be seen, particularly in Fig. 1, when tear strip **32** is removed along the perforations at **29** and **30** there is provided a recess **35** in side wall **11** at one end of opening **34** which recess corresponds to the recess **18** in the opposite side wall **9** at the other end of opening **34**. The recesses **18** and **35** facilitate the withdrawal of a cigarette package through the opening **34**.

Alternatively the carton may be opened in the conventional manner by breaking the seal between side wall **9** and closure flap **25** so that the whole of the front cover may be raised for selective access to the cigarette packages.

What I claim is:

A dispensing carton formed from a single blank of material and comprising a rear wall, side walls having their rear edges integrally joined to the side edges of the rear wall, a front closure wall having one of its longitudinal edges integrally joined to the forward longitudinal edge of one of said side walls, a flap extension integrally joined to the free longitudinal edge of the front closure wall, flap extensions integrally joined to the end edges of the rear wall, and a pair of flap extensions integrally joined to the end edges of each of said side walls, the front closure wall, the flap extension attached to said cover wall and the side wall to which the front closure wall is attached being provided with a weakening line extending from the free edge of the front

closure wall flap across the entire width of the front closure wall and to a point intermediate the width of the side wall to which the cover wall is attached, said weakening line being located relatively close to and parallel with corresponding end edges of the said flap and wall members across which it extends, a slit extending from the end of said weakening line located intermediate the last mentioned side wall to the adjacent end edge of said last mentioned side wall, a portion of the last mentioned side wall being provided with a weakening line extending forwardly from the outer end of said slit to the line of juncture between said last mentioned side wall and said front closure wall, said last mentioned weakening line extending along a portion of the line of juncture between the last mentioned side wall and one of the

end flaps attached thereto, the other side wall of said carton being provided at one end with a slot extending inwardly from the forward edge thereof, said slot being in line with a tear-off portion of the front closure-carrying side wall, a front closure and flap which are defined by the previously mentioned weakening lines and slit, the end flap extensions of the rear and side walls extending inwardly therefrom to close the ends of the carton.

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