

May 18, 1937.

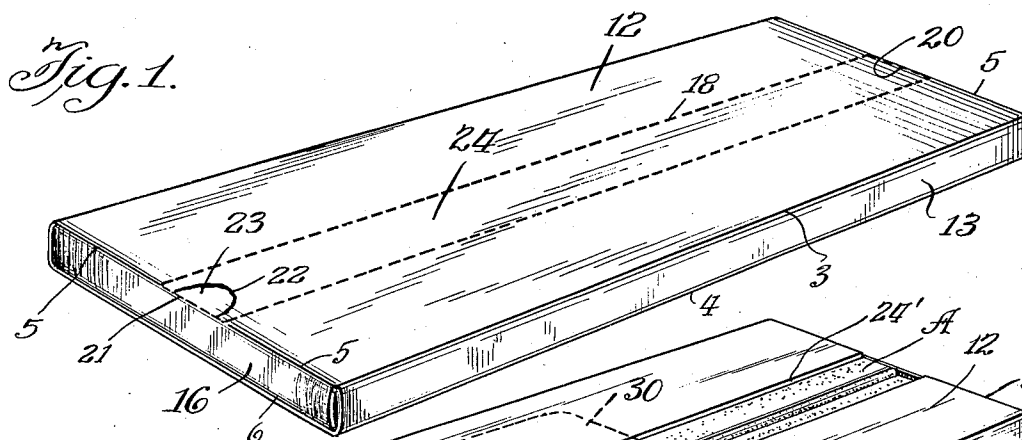
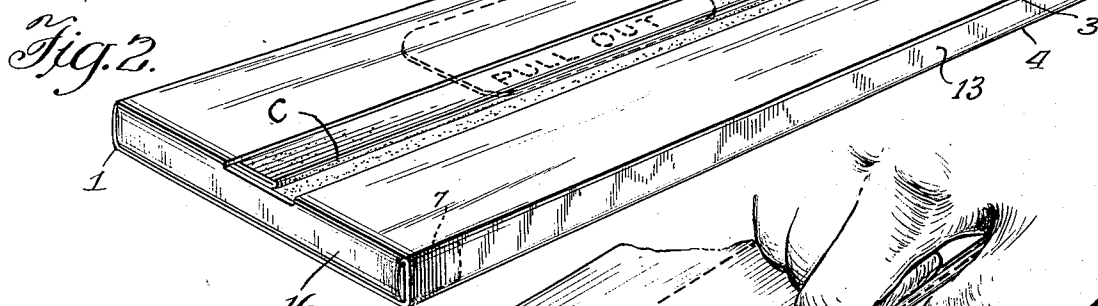
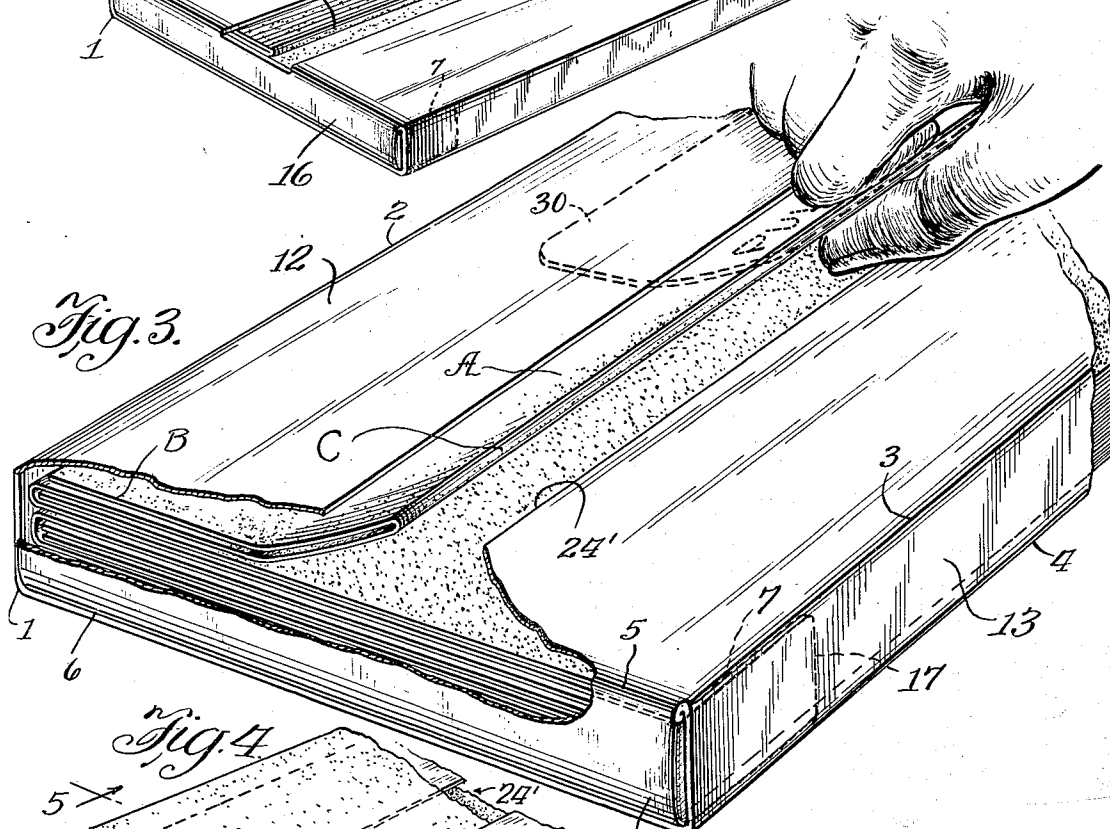
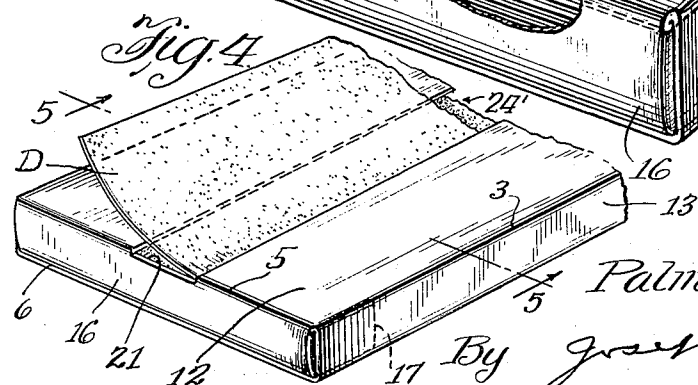
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2,080,729

DISPENSING CARTON

Filed Aug. 14, 1936

2 Sheets-Sheet 1



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2 Sheets-Sheet 2

Fig. 5.

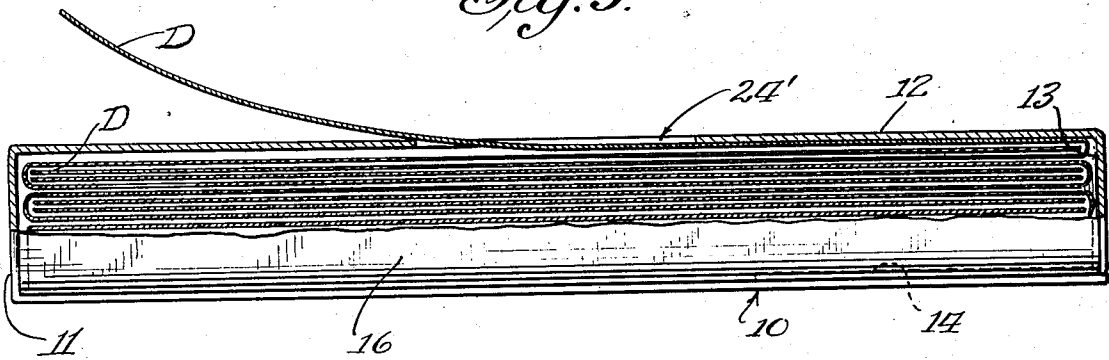
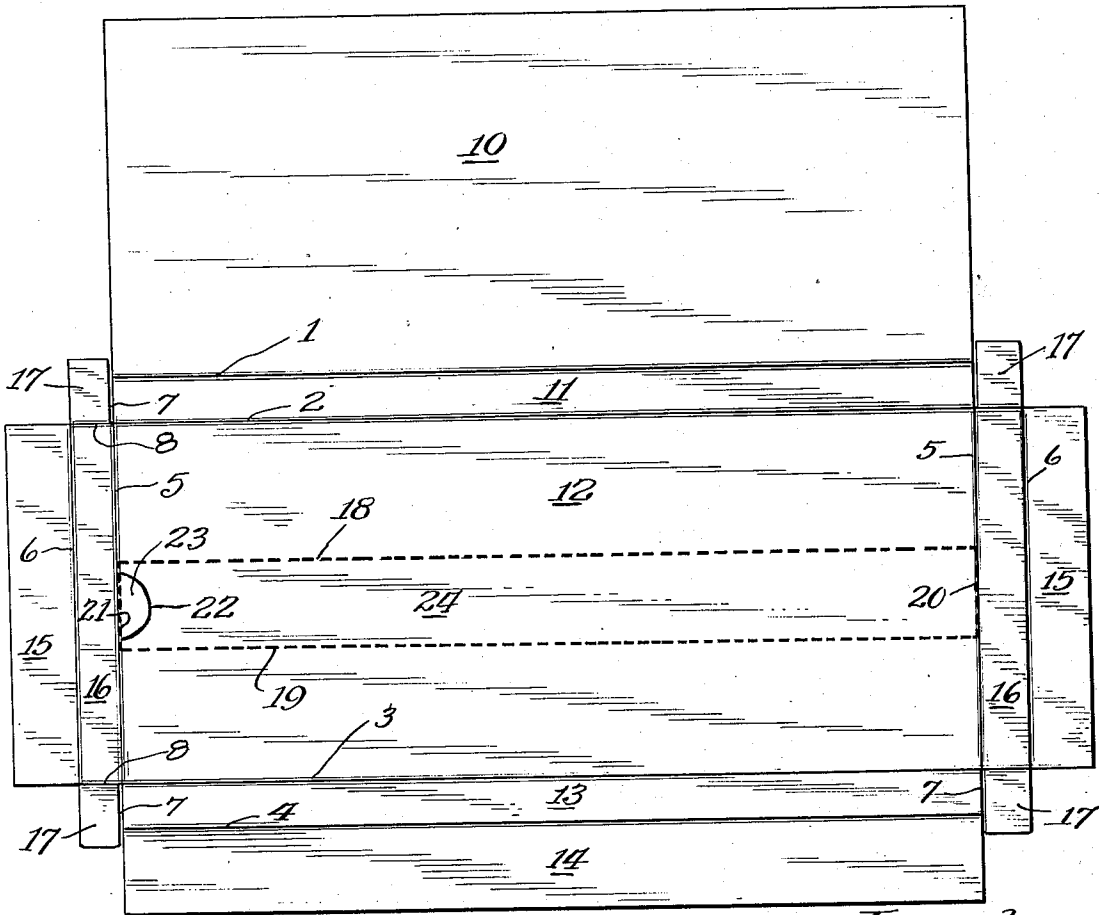


Fig. 6.



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UNITED STATES PATENT OFFICE

2,080,729

DISPENSING CARTON

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Application August 14, 1936, Serial No. 95,999

2 Claims. (Cl. 206—57)

This invention relates to dispensing cartons, an object of the invention being to provide a carton for containing interfolded sheets which can be readily and conveniently withdrawn from the carton one at a time.

An object of the invention is to provide a carton containing interfolded sheets, such as waxed paper sheets, which may be withdrawn one at a time from the carton while the remaining sheets will be retained in the carton and protected from dirt and dust.

Another object of the invention is to provide a tear-out strip for the carton having a tab for facilitating its removal.

A further object of the invention is to provide the first upper sheet within the carton with a grasping portion aligned beneath the tear-out strip for facilitating the removal of the first sheet from the carton.

Another object of the invention is to provide an inserted information strip in the first upper sheet to facilitate withdrawal of the sheet from the container.

With these and other objects in view, the invention consists in certain novel features of construction and combinations, and arrangements of parts, which will be more fully hereinafter described and pointed out in the claims.

In the accompanying drawings:

Figure 1 is a perspective view of the carton before it is opened to permit withdrawal of the sheets therein;

Figure 2 is a perspective view of the carton showing the carton opened to permit withdrawal of the sheets;

Figure 3 is an enlarged fragmental perspective view of the opened carton illustrating the withdrawal of the uppermost first sheet of the stack of interfolded sheets contained in the carton;

Figure 4 is a fragmental perspective view of the opened carton after the first sheet has been withdrawn;

Figure 5 is a fragmental sectional view taken along lines 5—5 of Figure 4;

Figure 6 is a plan of the blank scored to form the carton illustrated in Figure 1.

Referring to the drawings, the dispensing carton includes a paper board carton formed of a blank as shown in Figure 6. The blank is scored along lines 1, 2, 3, and 4 so as to form wide wall portions 10 and 12, narrow wall portions 11 and 13, and flap 14. Score lines 5, 6, and 8 and cut lines 7 provide narrow end walls 16, and flaps 15 and 17.

One of the wide walls, preferably wall 12 which

carries the flaps, is provided preferably with spaced lines of perforated lines 18, 19, 20 and 21 so as to form a narrow rectangular tear-out strip 24 located in the medial portion of the wall 12. The tear-out strip may be delineated, if desired, by score lines or by printed lines which can be used as guides for cutting out the strip 24.

A semi-circular cut line 22 is provided at one end of the strip 24 terminating near the ends of line 21 so as to form a depressible tab 23. If desired, line 22 may be perforated instead of severed. Obviously any other suitable configuration may be given to the tab 23 for the purpose of this invention.

In forming the package a stack of interfolded sheets is placed in proper position on the wide wall 12 of the blank. End walls 16 are folded up on lines 5 and the flaps 15 are then folded over on lines 6 so as to overlie the ends of the sheets. Flaps 17 are then folded on lines 8 to contact the sheets. The narrow wall 13 is then folded up on line 3 and the flap 14 folded on line 4 to enclose longitudinal margin of the sheets. Narrow wall 11 is then folded up on line 2. Glue is then applied to the folded flaps 14 and 15. Wall 10 forming the bottom of the carton is then folded on line 1 and pressed on the glued flaps 14 and 15 to seal the carton.

Interfolded sheets of waxed paper can be advantageously packaged in this carton. The individual sheets are folded longitudinally into two equal leaves, each leaf having its dimensions substantially the same as the dimensions of the wide face 12 of the carton, and they are then interfolded as shown in Figure 5.

In order to facilitate withdrawal of the first sheet A within the package, one portion of a sheet is folded back as shown in Figure 3 so as to form a pocket portion B having a folded edge C which will align with the slot or opening in the carton when the tear-out strip 24 is removed as shown in Figures 2 and 3. An independent stiff sheet or card 30 is placed within the fold or pocket portion preferably in the middle portion of the fold, or pocket, and the card may have printed instructions thereon which can be read through the folded sheet when using transparent or translucent sheets.

The folded pocket portion B of the uppermost sheet thus forms a grasping portion which can be seized preferably in the region of the inserted card by the thumb and forefinger as shown in Figure 3. The card being of stiff material facilitates grasping of the first sheet, particularly when thin sheets are packaged.

The upper sheet may be folded in other ways if desired to form a grasping portion. For example, the portion B may be folded inwardly in a position reverse to that shown in Figure 3 along the same fold line C and the instruction sheet 30 placed inside such fold.

The interfolded sheets are so positioned that when the carton is opened by removing tear-out strip 24 the first sheet A carrying the information card will be the top sheet in the carton. After the first sheet A is removed the next sheet D will assume the portions illustrated in Figure 4 with one of the leaves extending through the slot in the carton. This sheet can thus be readily grasped and removed from the carton. The interfolded leaf of the next sheet will then extend through the slot in the opposite direction. Each of the succeeding sheets will similarly present a grasping portion enabling the sheet to be readily removed from the carton.

It is obvious that the dispensing carton provides a dirt and dust proof package and protects the contained sheets from contamination and soiling.

In order to facilitate opening the carton a tab 23 is provided at one end of the tear-out strip 24. When the tab 23 is depressed the strip 24 can be readily grasped and torn out or cut along lines 18, 19, 20, and 21.

It is obvious that many changes and modifications may be made in the arrangement of the sheets in the box, as well as in the construction of the carton, without departing from the spirit of the invention, the scope of which should therefore be determined by reference to the following claims, the same being construed as broadly as can be consistent with the prior art.

I claim:

1. A dispensing carton having an elongated tear-out strip defined by parallel tear lines and containing a stack of interfolded sheets, the top sheet of said stack being folded to form a pocket portion having an edge aligned beneath the tear-out strip, said edge being positioned a substantial distance from either of said tear lines and therebetween, and a stiff sheet carried in said pocket portion an edge of said stiff sheet being in close proximity to the said edge of said pocket portion to afford a firm grasping portion for the upper sheet to facilitate withdrawal of said sheet from the carton.

2. A dispensing carton having a side wall and an end wall, an elongated tear-out strip defined by parallel tear lines in said side wall, and containing a stack of waxed paper interfolded sheets, each sheet being folded approximately in half to form two leaves, each leaf having dimensions approximately equal to those of the side wall, the uppermost sheet in said stack having a folded pocket portion formed by folding back the upper leaf, the edge of said pocket portion being aligned beneath said tear-out strip, said edge being positioned a substantial distance from either of said tear lines and therebetween to afford a grasping portion for withdrawal of said sheet from the carton, a stiff information sheet carried in said pocket portion, an edge of said stiff sheet being in close proximity to the said edge of said pocket portion to afford a firm grasping portion for the uppermost sheet to facilitate withdrawal of said sheet from the carton.

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