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D. D. MITCHELL

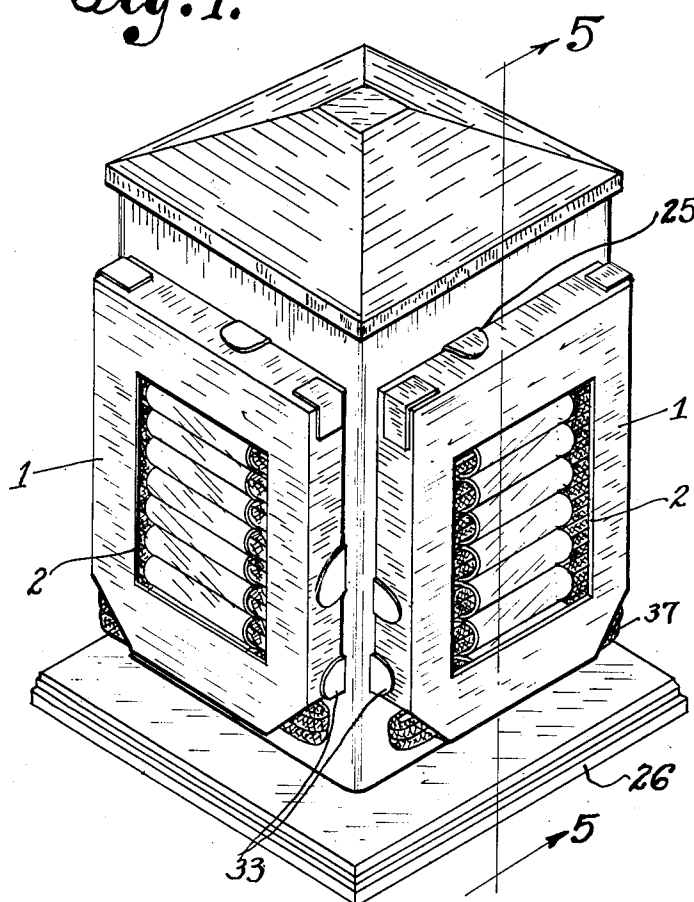
1,965,904

DISPENSING CARTON FOR PACKAGES OF SHOE LACES

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2 Sheets-Sheet 1

Fig. 1.



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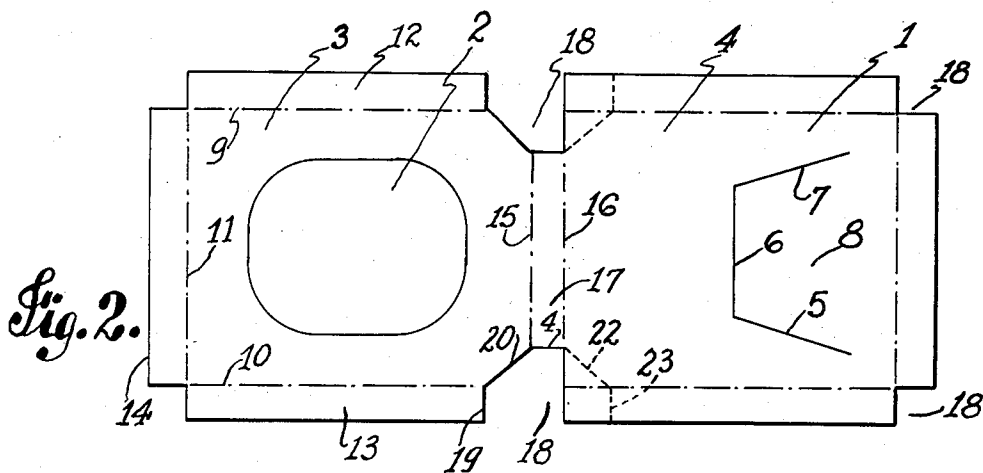
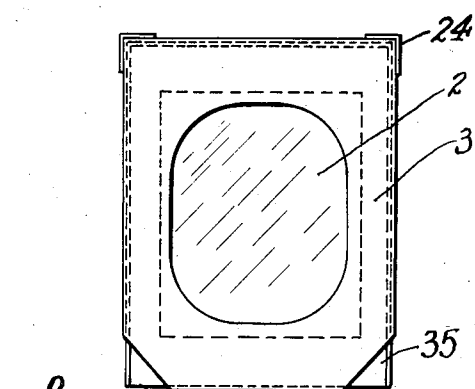
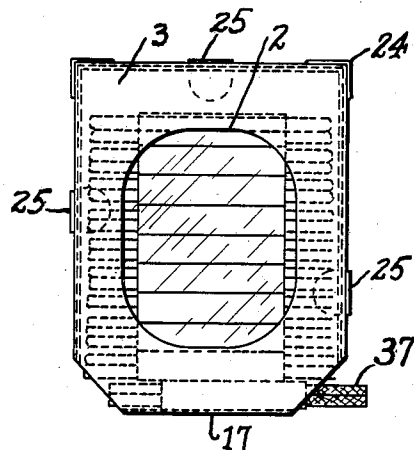
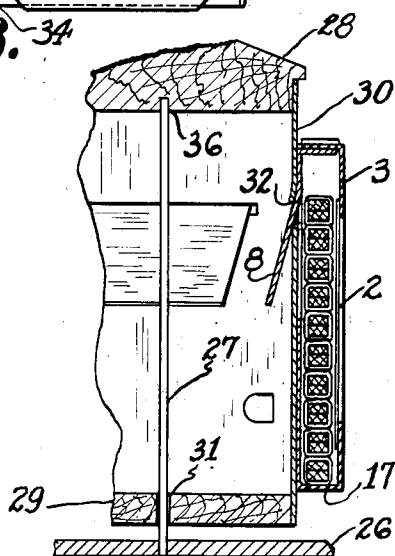
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2 Sheets-Sheet 2



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UNITED STATES PATENT OFFICE

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DISPENSING CARTON FOR PACKAGES OF
SHOE LACES

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3 Claims. (Cl. 206—44)

My invention relates to dispensing and displaying cartons for shoe laces. Shoe laces are usually wrapped in long narrow packages; two laces to each package, and these packages are placed side by side in a carton.

An object of my invention is to provide a carton that may readily be made from a single blank with a window in the front of it for the display of the shoe laces, and which may be easily packed and shipped to the retailer.

A further object of my invention is to provide a carton with all of the above advantages, that may be set up on a stand by the retailer for display, and from which the packages of shoe laces may be removed one by one without disturbing the carton itself, or removing the carton from the display stand.

Another object of my invention is to provide a carton with all of the above advantages, and which, when set up in the store, will present a pleasing and orderly appearance to the eye of the customer, and which may be constructed very cheaply, and without the use of expensive machinery or tools.

These and other objects of my invention which will be apparent to one skilled in the art upon reading these specifications, I accomplish by that certain construction and arrangement of parts of which I shall now describe a preferred embodiment. Reference is now made to the drawings which form a part thereof, and in which:

Figure 1 is a perspective view of my cartons mounted on a display stand.

Fig. 2 is a perspective view of the blank from which my preferred carton is made.

Fig. 3 is a plan view of my preferred carton in assembled form.

Fig. 4 is a plan view of my assembled carton with the corner portions torn away and arranged for dispensing.

Fig. 5 is a section taken along the section line 5, 5 in Fig. 1.

Briefly, in the practice of my invention, I provide a blank 1 (Fig. 2) made from cardboard, with a window opening 2 covered with any well known transparent material, positioned in the front 3 of the carton. The portion 4 of the blank which represents the back when the blank is set up into carton form has a cut 5, 6, 7, so positioned as to form a tab or ear 8. Articulated to the back 4 and the front 3 of the blank, and separated by score lines 9, 10 and 11 are the two sides 12 and 13, and the top 14. Articulated to both the front 3 and the back 4 of the carton and divided from them by the score lines 15 and 16 is the bottom 17.

The corners of the blank and the notches 18 are cut out so as to permit the folding of the side and top and bottom of the blank upward and into carton position. There are perforations or cut scores 22 and 23 placed in the sides and back portions of the blank, and so positioned that in the set up or carton form of the blank these perforations will define a line clear through the carton and transverse the bottom corners. The blank is set up by bending the side and top walls upwardly, and then bending the front and the back up from the bottom wall 17. The side walls adjacent the front wall 3 are positioned over the side walls adjacent the back wall 4, and the side and top walls are fastened together by means of paper seals 24, or in any other known manner. The shoe laces in their usual individual packages, are placed in my preferred carton in such a manner that they will lie parallel to the bottom 17 of the carton, and the proportions of the carton are such that the width of the carton is slightly greater than the length of each individual shoe-lace package. After the laces have been inserted in the carton, the carton is sealed with the usual type of seal 25, and is now ready for shipping to the retailer.

The display stand or rack (Figs. 1 and 5) comprises a base 26, with an upwardly projecting standard 27. Rotatably mounted on this standard 27 is a box-like carriage comprising a top 28 and a bottom 29 joined together by the side walls 30. The bottom has a hole or aperture 31, which bears against the standard 27 at a point near its bottom or base 26. The top 28 has a hole 36, which does not go completely through the top, and which acts as a bearing for the tip of the standard 27, on which the carriage rides. The carriage, in my preferred form shown in the drawings, is four sided; but I may prefer to make it with greater or less sides and merely illustrate a four sided carriage for the purpose of convenience. The walls 30 are made of sheet metal or any analogous material, and have a horizontal slot 32 near the top and long enough to snugly accommodate the tab or ear 8 on the back of the carton. Positioned near the bottom of the side walls are sets of two outwardly projecting ears 33, positioned apart a distance equal to the width of the carton, and of such a distance down from the slot 32 as to firmly grasp the two sides of the carton when it is hung on the wall by means of projecting the tab or ear 8 through the slot 32. It may be found convenient to bend the edge of the metal just above slot 32 inward, and the edge just below the slot

outward, in order to facilitate the insertion of the tab 8.

When the retail dealer receives the carton of shoe-laces he tears off the two bottom corners 34 and 35 on the perforated line, and the carton takes on the appearance as in Figure 4. The carton is now placed on the stand by inserting the ear 8 on the back of the carton into the horizontal slot of the stand 32 and pressing the carton against the side wall 30 of the carriage so that the projecting ears 33 will grip the sides of the carton and hold it firmly against the wall 30 of the display carriage. It will now be seen that the end of the lace package 37 will project from the bottom of the carton in such a manner that in order to remove it, it is only necessary to grasp and pull it out with a horizontal movement. When this is done the package just above the removed one will drop down and take its place, in the same position for easy removal. This progression will continue until the last package has been removed from the carton.

It will be found convenient to place different cartons containing different kinds or colors of shoe-laces on the different sides of my carriage, so that the customer may spin the carriage around on the standard 27 and view the different kinds of shoe-laces in order to make a selection.

It will be obvious that with my carton the dealer need only buy new cartons of shoe laces in order to replace his old ones when they are emptied. It is not necessary for the dealer to erect a complicated folded display stand, or to rearrange his new stock every time he obtains a new carton. All he has to do is to tear off the two bottom corners 34 and 35 of the carton and insert the ear 8 on the back of the carton into the slot 32 of the display stand. The tabs 33 on the stand will keep the carton in a vertical position with the torn off corners at the bottom so that the packages may be easily removed from the carton.

It is to be understood that I do not intend to limit myself to the preferred form of my invention just described, but many other forms will suggest themselves to one familiar with the art without departing from the spirit of my invention.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent, is:—

1. An article of the character described com-

prising a carton having a front wall, a back wall, sides, top and bottom walls, a supply package loosely retained therein, said carton having a bottom corner of the front wall cut away and the end of the bottom wall cut away to a point that will register with the cut away portion of the front wall, the back wall and the side being perforated on lines equivalent to the cut out lines on the front and bottom walls, said perforated portions being adapted to be torn away to expose one end of the bottom package so that the package may be removed endwise, and permitting the remaining packages in said carton to drop down until the lowermost package is received and held in the position of the removed package.

2. A carton having a back wall, side, top and bottom walls, said front and back walls being of a size substantially greater than said side, top and bottom walls, a supply of packages loosely retained therein, at least one of the lower corners of said carton having frangible lines on said front, back, side and bottom walls, said lines being in the same plane which is at an angle to the edges of said front and back walls, thereby adapting said corner to be torn away to expose the end of the bottom package so that the package may be removed endwise, and permitting the remaining packages in said carton to drop down and have the lowermost package received in the position of the removed package.

3. A carton having a back wall, a top and side walls of rectangular shape, a front wall and a bottom wall, said front wall being the same as said back wall with a lower corner cut away, said bottom wall being the same as said top but of a shorter length, all the walls being assembled integrally to form a carton having a front with a corner cut away and the bottom cut away, said cut away portion of the bottom registering with the cut away portion of the front wall, perforations on said back wall and said side wall in the same plane as the edges of said cut out portions of said front and bottom walls, packages loosely retained within said carton so that an end of the bottom package will be exposed and so that the perforated portions may be torn away and thereby permit the removal of the lowermost package and thereby permitting the packages to drop in said carton so that the next lowermost package will take the position of the removed package.

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