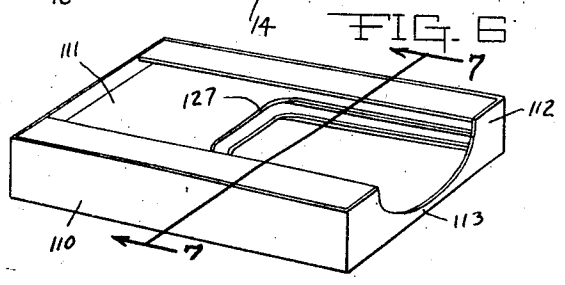
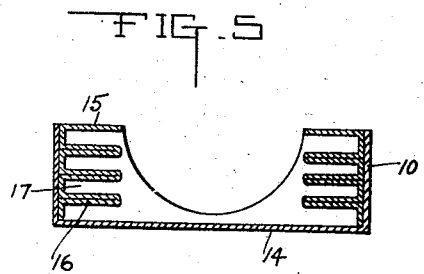
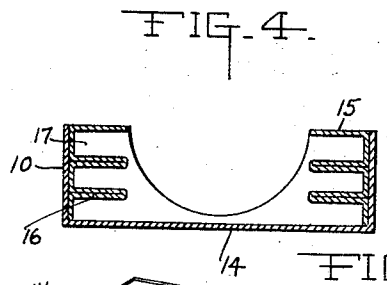
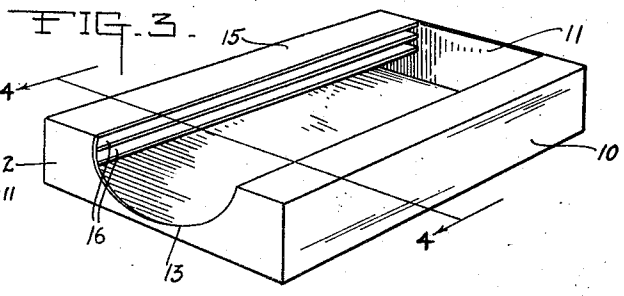
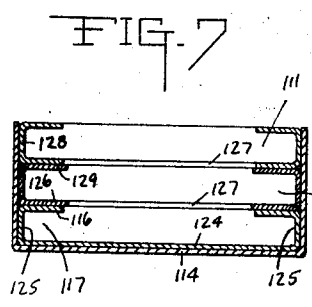
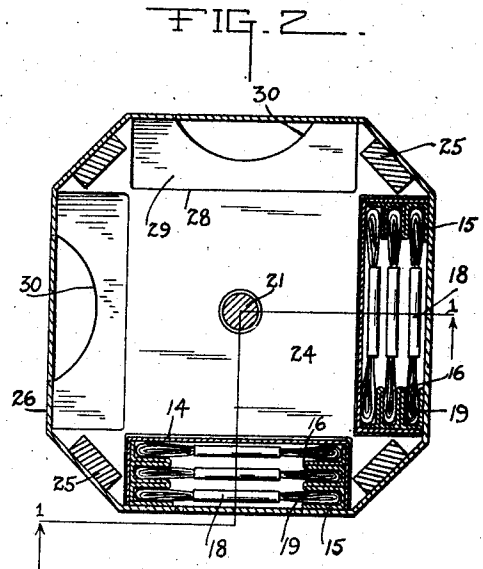
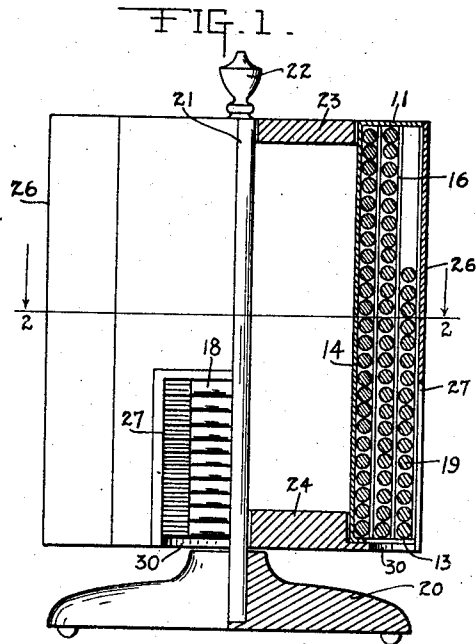


Dec. 18, 1928.

1,695,463

D. LIPSCHUTZ
DISPLAY AND VENDING DEVICE

Filed Dec. 14, 1925



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DISPLAY AND VENDING DEVICE.

Application filed December 14, 1925. Serial No. 75,338.

This invention relates to a combination display and vending device.

The chief object of the invention is to simultaneously display a plurality of sizes of articles and permit the individual vending thereof.

The chief feature of the invention consists in the provision of a cabinet or container adapted to simultaneously display a plurality of similar articles of different sizes and differing otherwise, for example, as to color but having the same general characteristics.

The full nature of the invention will be understood from the accompanying drawings and the following description and claims:

In the drawings Fig. 1 is an elevational view with one-half of the device in central section and is taken on the section line 1—1 shown in Fig. 2. Fig. 2 is a transverse sectional view taken in the plane of 2—2 of Fig. 1 and with one of the cartons removed. Fig. 3 is a perspective view of one of the cartons. Fig. 4 is a transverse sectional view taken on line 4—4 of Fig. 3 and in the direction of the arrows. Fig. 5 is a view similar to Fig. 4 and of a modified form of the invention. Fig. 6 is a perspective view of a modified form of the invention. Fig. 7 is a transverse sectional view taken on line 7—7 of Fig. 6 and in the direction of the arrows.

In the drawings there is illustrated a carton or box having the sides 10, one end 11 that is preferably complete although it may be otherwise formed and similar to the opposite end 12 which is shown provided with a central cut out 13 for dispensing purposes. The end 12 thus differs from the end 11 and in the packaging of the articles within the carton or box said articles if they are provided with reading matter or advertising matter, are positioned within the carton so that the end 12 is at the bottom when the carton stands on end. The carton also includes a back 14.

The carton includes a pair of inturned edges 15 adapted to lie parallel with the back 14 and these edges extend inwardly towards each other and but part way across the top of the carton. This is shown clearly in Fig. 3. A suitable number of partitions 16, and in Fig. 4 two of said partitions are illustrated, form three grooves or channels 17. In Fig. 5 three of these partitions 16 are

shown forming four grooves 17. The articles to be dispensed herein are shown as shoe laces or strings which are packaged in pairs and are generally wrapped in a predetermined manner with a binding band leaving the ends exposed. The binding band carries suitable reading matter which generally consists in the trade name of the article, the color and the size, as well as any other additional matter, including the maker's name. This band is indicated by the numeral 18 in Figs. 1 and 2 and the pair of shoe laces is indicated by the numeral 19 in said figures. These are packaged as shown clearly in said figures, in tiers or layers and when the pair in the upper most tier and immediately adjacent the opening 13 is removed while the carton is standing on end the remainder of the shoe laces by gravity immediately reposition themselves presenting another pair bearing upon the end 12 immediately adjacent the opening 13. It will be apparent, therefore, that the entire contents of the top layer is exposed by reason of the omission of a cover and yet the articles are retained within the carton by reason of the inturned end 15. If desired the usual cover may be supplied, but in shipping the goods by carton, the cartons may be crated without covers since covers are not necessary when the cabinet is employed. It will, of course, be understood that each carton contains but one color of shoe lace and but one size.

The cabinet shown in detail in Figs. 1 and 2 is herein adapted to display and dispense four types of shoe laces, that is with four sizes of the same colored shoe laces or two sizes of black and brown shoe laces. When other colors are to be used such as white and tan the several compartments will contain a carton of said shoe laces, in which event preferably all of the cartons will contain shoe laces of the same size. If it is desired a plurality of cabinets each will contain cartons with shoe laces of the same color, but each carton containing a shoe lace of the specified size but all shoe laces of the cartons being of the same color.

Reference will now be had to Figs. 1 and 2, wherein the cabinet or carton container is shown in detail. Herein a base 20 supports a spindle 21 including any suitable ornamental top 22 serving as a handle. Rotatably supported by the aforesaid is a cabinet having

the top plate 23 and the bottom plate 24 connected by four uprights 25. These uprights are positioned at the corner as shown and between the uprights there is provided a face 5 26 having an opening or cut out 27 centrally positioned therein and at the lower portion thereof. The bottom or base 24 intermediate each of the uprights 25 is cut out as at 28 to form a ledge 29. The ledge 29 is cut out as at 30 and a comparison of Figs. 2 with 3 to 5 10 inclusive, will show that the cut out portion 28 is adapted to receive the end of the carton with the cut out 30 registering with the cut out 13 of the end 12 of the carton. The top 15 plate 23 is cut out as at 31 and in this instance the slot or notch extends completely across or thru the plate 23 and registers with or is in alignment with the cut out portion 28 closed by the ledge 29. The carton is position- 20 able within the cabinet by inserting the lower end of the carton thru the opening 31 until the lower end engages the ledge 29, whereupon it is seated in the cabinet. The carton is positioned within the cabinet so that 25 the returned flanges 15 lie behind the wall 26 immediately adjacent the cut out portion 27. The cut out portion 27 therefore, as shown in Fig. 1, exposes to view the bands 18 and a portion of the banded laces. By pulling down- 30 wardly and outwardly upon the lowermost and outermost pair of laces the same may be readily detached from the carton and the container supporting the latter and sold. By the term carton in the specification and claims 35 it is not intended to limit the box to a paper or fibre container, but to include a device having the characteristics enumerated in the claims irrespective of the material from which it is fashioned.

40 In Figs. 6 and 7 there is illustrated a modified form of the invention wherein the carton is comprised of the side walls 110, the end walls 111 and 112, the end wall 112 having the aperture 113 therein. Herein the carton has 45 the back 114 and there is positioned within the carton thus formed a tray having a back 124, the sides 125 and the flanges or ledges 116 forming the oppositely positioned groove 117. Superposed upon the flanges 116 is another 50 tray, said trays being preferably provided without ends, which tray and each succeeding superposed tray includes a base 126 apertured as at 127 and having the side walls 128 similar to the side walls 125 and the flanges 55 129 similar to the flanges 116. The resultant

construction has the advantage that the shoe laces or similar articles may be machine fed into the trays and packed, and the trays may be thereupon positioned in the carton having the apertured end with all apertures registering and then the cover, if the cover is utilized, may be applied to said carton to retain all of the laces within the same.

The invention claimed is:

1. A relatively open faced shipping and 65 dispensing carton including a back, a pair of oppositely positioned sides connected thereto, a relatively imperforate end connecting the sides and back together, another and oppositely positioned end connected to the 70 sides and back and including a central cut out portion therein with edges extending outwardly to the free edge of the end from adjacent the back and toward each side and terminating short of each side, top means se- 75 cured to said sides along substantially the entire length thereof and extending inwardly towards each other but terminating short of projecting beyond the cut out for display and dispensing purposes, and partition means ex- 80 tending the full length of the carton upon opposite sides and extending inwardly towards each other and terminating short of meeting engagement, the space therebetween registering with the top spacing between the 85 top means and in alignment with the end cut out for display and dispensing purposes.

2. A relatively open faced shipping and 90 dispensing carton including a back, a pair of oppositely positioned sides connected thereto, a relatively imperforate end connecting the sides and back together, another and oppo- 95 sitely positioned end connected to the sides and back and including a central cut out portion therein with edges extending outwardly 100 to the free edge of the end from adjacent the back and toward each side and terminating short of each side, top means secured to said sides along substantially the entire length thereof and extending inwardly towards each 105 other but terminating short of projecting beyond the cut out for display and dispensing purposes, and a U-shaped partition therein forming a plurality of compartments, the cut out portion of the partition registering with the end cut out for dispensing purposes.

In witness whereof, I have hereunto affixed my signature.

DAVID LIPSCHUTZ.