

B. C. TILLINGHAST.
 VENDING CARTON OR PACKAGE.
 APPLICATION FILED JAN. 17, 1903.

902,347.

Patented Oct. 27, 1908.

Fig. 1.

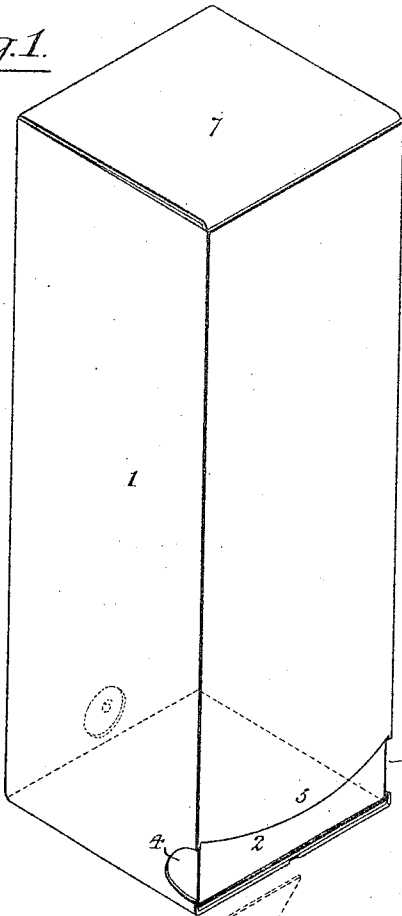


Fig. 2.

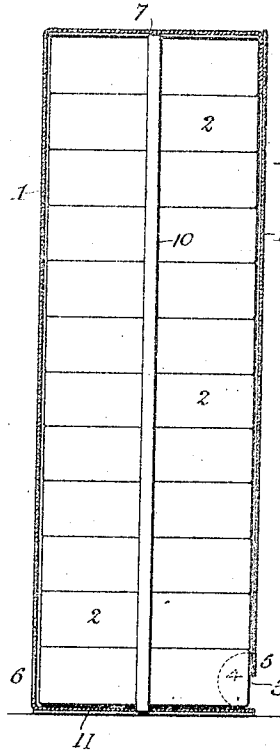


Fig. 4.

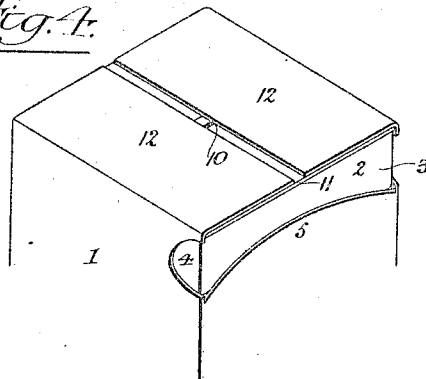


Fig. 3.

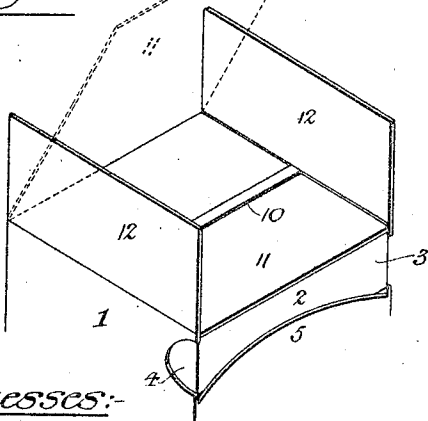
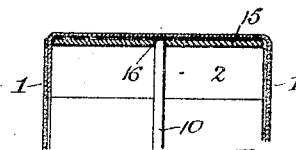


Fig. 5.



Witnesses:-

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UNITED STATES PATENT OFFICE.

BENJAMIN C. TILLINGHAST, OF PHILADELPHIA, PENNSYLVANIA.

VENDING CARTON OR PACKAGE.

No. 902,347.

Specification of Letters Patent.

Patented Oct. 27, 1908.

Application filed January 17, 1903. Serial No. 139,419.

To all whom it may concern:

Be it known that I, BENJAMIN C. TILLINGHAST, a citizen of the United States, residing in Philadelphia, Pennsylvania, have invented an Improved Vending Carton or Package, of which the following is a specification.

My invention relates to that class of cartons or packages designed for the purpose of holding a series of smaller packages, boxes, or vendible units of any character, in such a manner that they may be removed one at a time from the bottom of such inclosing carton or package, and that as soon as one smaller package, box or other vendible unit has been removed, another will be brought into position for removal.

My invention is fully shown in the accompanying drawing, in which:

Figure 1, is a perspective view of the inclosing carton or package; Fig. 2, is a sectional view of the same, showing the inclosed boxes or packages in outside view; Figs. 3 and 4, are perspective views illustrating details of my invention, and Fig. 5, is a sectional view illustrating a further detail of my invention.

The inclosing package or carton 1, which is preferably made of pasteboard is arranged to carry a series of smaller boxes, packages or other vendible units 2, of uniform thickness which are piled one upon the other and which have a broad area sufficient to fill the space of the inclosing package. This package is provided at its lower end with an opening 3 having finger notches 4 at the ends of the same, which notches are cut into the sides of the inclosing package.

The opening 3 is preferably the height of one of the smaller boxes, packages or other inclosed units, and said boxes may be removed through said opening by grasping the same by the thumb and finger through the said notches 4. To assist removal of the boxes, packages or other units, particularly if they are of other than square or rectangular shape, I provide an aperture 6 at the rear of the carton for the insertion of the forefinger to push out the box, package or other article it is desired to remove. This aperture 6 is shown in Figs. 1 and 2.

To prevent accidental dislodgment of any one of the inclosed boxes, either during shipment or handling of the inclosing package in the store, I provide the flap piece or apron 5 at the front of the aperture 3 of the in-

closing package, which flap or apron, while stiff enough to prevent accidental dislodgment of the inclosed articles, will not prevent easy removal of the same when grasped by the thumb and finger, or pushed from the rear.

In order to insure that the superposed boxes will drop down into position ready to be withdrawn through the aperture 3, I provide an elastic band or strap 10 which is secured to the inclosing package and passes up over the top of the pile of these smaller packages, and the tension of this strap or band is sufficient to hold the pile down and insure the dropping of the same as soon as the lowermost box has been removed. In packing these smaller boxes, packages, or other vendible units, in the inclosing case or package, this inclosing package is made up with the top flap or cover 7, as shown in Fig. 1, slipped in place. The packages are then piled up until a sufficient number has been laid to fill the inclosing case and the rubber band is then slipped around this pile. In this position they are placed in the inclosing package and the bottom section 11 of the package is slipped under the band or strap as shown in Fig. 3; a small quantity of glue or other material is placed around the band and over this piece 11, and the side half sections or flaps 12 are pasted down, this end of the package forming the shape shown in Fig. 4. Under normal conditions, this rubber band or strap will be sufficient to pull down the pile of boxes and does not require any special positioning means. In Fig. 5, however, I have shown a follower piece 15 which may have a continuous groove 16 across the top, or simply short grooves at the edge to position the rubber band or strap and insure that the tension of the same is directed at the center of the smaller boxes, packages or other vendible units.

In some instances, a paper seal may be placed across the opening 3 to insure against unlawful removal and change of the goods contained within the inclosing box or case, and at the same time to prevent dislodgment of any of the smaller boxes, packages or other vendible units during shipment.

Although I have shown an inclosing carton or casing of square or rectangular shape, it will be understood that I may employ such box or casing of any desired shape, and that in some instances I may pack in the

square boxes, smaller packages of different shapes and sizes, having, however, uniform height.

Having thus described my invention, I claim and desire to secure by Letters Patent:

1. A multiple unit receptacle consisting of an inclosing carton adapted to contain a plurality of vendible units and having at one side of an end thereof an exit opening, the ends of said carton being closed by a plurality of flaps, and elastic means secured to the flaps at one end of the carton and arranged to be stretched over and band together vendible units contained within said carton and press the same toward said exit opening.

2. A multiple unit receptacle consisting of an inclosing carton adapted to contain a plurality of vendible units and having at one side of an end thereof an exit opening through which said units are laterally removable, the wall of the carton opposite its exit opening being perforated for the insertion of a finger to assist in the removal of the lowermost unit, the ends of said carton being closed by a plurality of flaps, and elastic means secured to the flaps at one end

of the carton and arranged to be stretched over and band together vendible units contained within said carton and press them toward said exit opening.

3. A multiple unit receptacle consisting of an inclosing carton having at one side of an end thereof an exit opening, a flap carried by the wall in which said opening is formed partially covering the same, said carton adapted to contain a plurality of vendible units, the ends of said carton being closed by a plurality of flaps, and elastic means secured to the flaps at one end of the carton and adapted to be stretched over and band together said vendible units and press them toward the exit opening, the side walls of said carton having cut-out portions joining the exit opening to facilitate the removal of the vendible units.

In testimony whereof, I have signed my name to this specification, in the presence of two subscribing witnesses.

B. C. TILLINGHAST

Witnesses:

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JOS. H. KLEIN.