

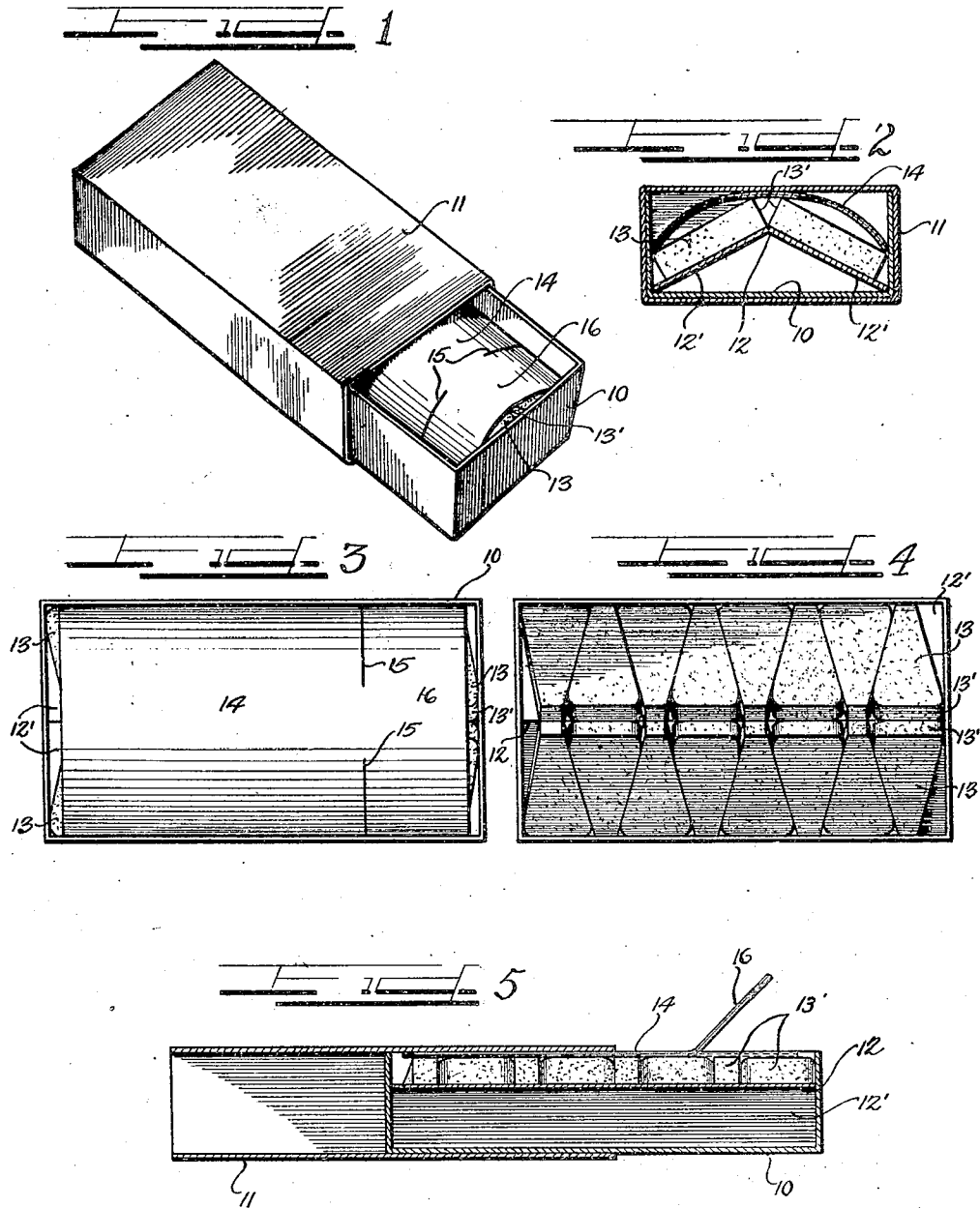
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CARTON

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CARTON.

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This invention relates to cartons, which, while being of general application and use, are particularly adapted for the packing of incense of the flat cone type. It is the object of the present invention to provide a carton for the reception and packing of incense cones wherein the cones will be so positioned in the carton that they may be efficiently packed against breakage and easily removed therefrom.

With the above and other objects in view, as will be apparent, this invention consists in the construction, combination and arrangement of parts, all as hereinafter more fully described, claimed and illustrated in the accompanying drawing, wherein:

Figure 1 is a perspective view of the carton forming the subject matter of the present invention, illustrating the same partly open;

Figure 2 is a transverse vertical section thereof showing the cones therein;

Figure 3 is a plan view of the receptacle of the carton with the filler in position over the cones;

Figure 4 is a similar view with the filler removed;

Figure 5 is a longitudinal vertical section through the carton partly open and with flap of the filler raised to disclose the contents.

Heretofore, incense cones, which are flat triangular tablets, have been so packed in cartons, of various styles, that they have rested flush upon the bottom of the carton receptacle. This packing arrangement has been such that the apex of one cone adjoined the base of the next adjacent cones and the corresponding sides of all cones have rested in the same plane parallel to the bottom of the carton receptacle. The result of this was that one or more cones in each carton were broken and due to the close fit of the cones relative to each other has made the removal thereof difficult. Cartons used prior to this invention have in depth represented the approximate thickness of one cone.

The present invention contemplates the use of a deep carton wherein the cones are positioned at an angle to both the bottom of the carton receptacle and to the cover thereof in such manner that only the edges thereof contact with the outer walls of the carton. This arrangement furthermore positions the various rows of cones at angles to each other so that the upper ends of the cones of each row are exposed and adjoin the exposed upper ends of the cones of the next adjacent row

whereby the end of any cone may be engaged by the fingers and removed without damaging or breaking any of the remaining cones.

Referring more particularly to the drawings, 10 designates the receptacle of a carton which is designed to be inserted longitudinally in the cover 11 thereof. While the present invention is illustrated and described in connection with a sliding carton it is to be understood that it can be as readily used in connection with cartons of other characteristics.

The bottom of the receptacle 10 is provided with a bridge or false bottom 12, the sides 12' of which rest at an angle to the bottom of the receptacle 10 and to each other, the junction between the sides 12' being removed from the bottom of the receptacle 10 at a point approximating the longitudinal center of said receptacle. The cones 13 are positioned as illustrated in Figure 4 with the apex of one cone adjoining the base of the next adjacent cone; one row of cones being placed upon each side 12' of the bridge or false bottom 12. In this manner the ends 13' of the cones adjoining the junction between the sides 12' of the bridge or false bottom 12 are exposed and may be readily engaged by the fingers for removal of the cones from the receptacle. It will be observed by reference to Figures 2 and 4 that the cones 13 contact with the receptacle 10 of the carton only at the lower ends thereof and then only at one point.

Above the cones in cartons of this character it is customary to place a filler 14 which covers the cones and assists in holding them in place in the receptacle, said filler 14 carrying the usual printed matter such as instructions and the like. Heretofore this filler has usually been a flat sheet of paper inserted over and resting flush upon the cones. In the present invention this filler 14 constitutes a strip of paper of a width greater than the inner width of the receptacle 10. This filler is then arched as shown in Figure 2 and inserted in the receptacle 10 over the cones 13, the longitudinal edges of the filler being inserted downwardly into the carton, and rest on the cones 13 to hold them in place.

In order that the carton may be opened and the contents examined without removing the filler, one end thereof is split at each side, as at 15, to create a flap 16. Thus it will be seen that the receptacle 10 may be slid partly

from the cover 11 and the flap 16 raised, which permits examination of a portion of the contents, after which the flap may be repositioned within the receptacle 10 and the carton closed.

I am aware that many changes may be made, and numerous details of construction may be varied through a wide range without departing from the principles of this invention, and I therefore do not purpose limiting the patent granted hereon, otherwise than necessitated by the prior art.

I claim:

1. A carton comprising a box-like structure, a support in said structure having two opposite edges thereof positioned in two opposite edges of the box, a raised center portion forming an apex lying along the longitudinal center of the box and having sloping sides, each of said sides being adapted to support articles thereon with their upper ends spaced apart, and a flexible arched filler adapted to be positioned in said box and engaging the sides thereof and a cover for said box.

2. In combination with a box, a support comprising a sheet of flexible material of greater area than the bottom of the box and bent to form an apex substantially along the center thereof, the lower opposite edges of said sheet engaging the corners of said box to hold said support in arched position, and a sheet of flexible material having inspection flaps above said support retained in arched position by engagement of two of its edges with the sides of said box and a cover for said box.

3. A carton comprising a box-like body portion, a support in said body portion having an apex and sloping sides with the lower edges positioned in opposite corners of the body portion and adapted for supporting articles with their upper edges spaced apart, a filler adapted to be arched within said box and having inspection flaps and a cover for said body portion.

In testimony whereof I have hereunto subscribed my name.

ALEXIS W. O'KEEFFE.