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Modified Food/Drink packaging

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Abstract

The present invention relates to a modified article or container comprising a cavity or an indented portion for storing food, confectionery, pharmaceuticals, vitamins and the like.

PLEASE NOTE:
 FOR ILLUSTRATION OF
 CONCEPT, THE CUP AND LID
 SIZE SHOWN IS THE 8oz SIZE,
 HOWEVER THE CONCEPT
 APPLIES TO ALL SIZE COFFEE
 CUPS, LIDS

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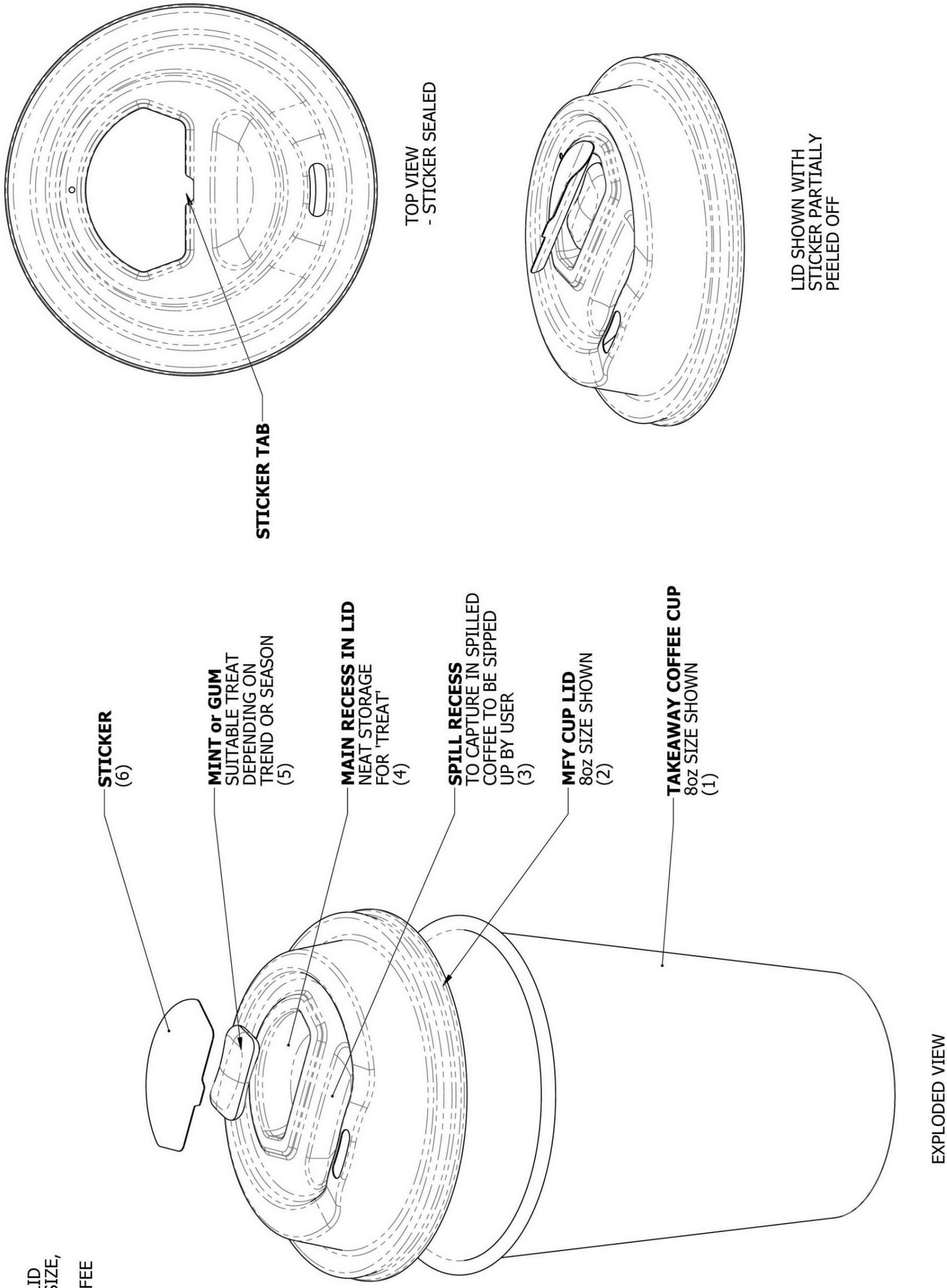


Figure 1

Title of the Invention

Modified Food/Drink packaging

Field of the Invention

The present invention relates to a modified disposable or reusable food/drink
5 packaging comprising an indented portion for storing confectionery, pharmaceuticals,
vitamins and the like.

Background of the Invention

Food and drink items sold to customers at cafes, takeaway outlets, supermarkets,
petrol stations and the like are typically provided and served in standard disposable
.0 or reusable articles such as containers, cups and packets of various sizes with lids
and seals that are formed to cover the article while providing some access to the
food/drink for consumption. In many cases, the customers or consumers would
benefit from having an additional storage pocket attached to the container, cup or
packaging which could house any type of food, confectionary, pharmaceutical or
.5 vitamin, so it can be taken after they consume the food/drink item. Many, if not all, of
these items need to be purchased separately and are often an afterthought once the
food/drink is consumed, then the consumer is required to go out of their way to
purchase these items often purchasing more than actually is required. This then
results in additional waste and unused product going to landfill. With environmental
20 impact being ever more important, the idea of incorporating these onetime
consumables into the existing food/drink packaging is the best way to avoid this
extra waste.

There have been various types and forms of disposable and reusable food/drink containers, cups and packaging that have been devised and developed with additional functional capabilities beyond that of food and liquid containment. Several of these multi-functional food/drink packagings found in the prior art have been
5 designed having one or more receptacles, cavities or other receiving chambers formed within their structure in addition to the primary food or liquid-holding chamber to receive, carry and/or store one or more items of a personal nature often found in the possession of the consumer, such as a cigarette lighter, a comb or a cellular
.0 phone. While these and other prior art devices and designs for multi-functional food or beverage containers have been satisfactory in storing various personal items in their separate chambers, none have been found particularly effective in both receiving and carrying both with ease and convenience.

It would therefore be desirable for consumers and vendors as well to have food/drink packaging sold and served for consumption having one or more compartments
.5 formed together therewith so that any items or articles desired by the consumer can be easily retained and stored within the container without disturbing the food/drink contents and the normal consumption thereof.

Therefore, it is an object of the present invention to provide a container, cup or packet which overcomes the problems in the art.

20

Summary of the Invention

The present invention provides an article for storing items comprising a cavity or indented portion to store an item such as a piece(s) of confectionery, pharmaceutical

or vitamin item; and a sticker or resealable flip up tab which exposes the stored item upon removable of the sticker or resealable flip up tab.

In another aspect, the present invention provides an article for storing items comprising a coffee cup (1), a cup lid (2), optionally a main recess portion in the lid such as a cavity or indented portion (4) to store confectionary (5), pharmaceutical or vitamin item and a sticker or resealable flip up tab (6) which exposes the stored item upon removable of the sticker or resealable flip up tab.

Preferably, the stored item includes confectionary, pharmaceuticals, vitamins and the like.

Preferably, the article is a container such as a coffee cup, burger box, chip packet, food container or a pizza box, but not limited to these.

Preferably, the cavity or indented portion is located at the top section of the cup, container or packet somewhere that is visually pleasing and easily accessible eg. On the lid or close to the opening seal of the food/drink packaging.

Brief Description of the drawings

Figure 1 shows a modified disposable or reusable coffee cup (1) as an embodiment of the present invention

Figure 2 shows a modified disposable burger box (7) as an embodiment of the present invention

Figure 3 shows a modified disposable chip packet (8) as an embodiment of the present invention

Figure 4 shows a modified disposable pizza box (**9**) as an embodiment of the present invention

Figure 5 shows a modified disposable or reusable food container as an embodiment of the present invention.

Detailed Description of the invention

The present invention relates to an article, such as a food or beverage container, adapted to store a piece(s) of confectionery, pharmaceuticals or vitamins manufactured into the food/drink packaging or container. The food/drink packaging may include but is not limited to disposable or reusable takeaway food containers, pizza boxes, burger boxes, coffee cup lids, potato chip packets, etc. The packaging includes all types of food/drink packaging sold at restaurants, cafes, fast food restaurants, takeaway restaurants supermarkets, shops etc. The food/drink packaging may have the piece(s) of confectionery, pharmaceuticals or vitamins installed anywhere on the packaging. The packaging comprises a storage portion such as a pocket(s) with a sticker or resealable flip up tab that will expose the piece(s) of confectionery etc. The purpose for the storage portion is to enable consumption of the piece(s) of confectionery, pharmaceuticals or vitamins after the consumer has finished their food/drink item.

Figure 1 shows a modified disposable or reusable coffee cup (**1**) as an embodiment of the present invention. The coffee cup (**1**) comprises a cup lid (**2**), a main recess portion in the lid such as a cavity or indented portion (**4**) to store a confectionery item such as a mint or piece of gum (**5**) and a sticker or resealable flip up tab (**6**) which

exposes the stored item upon removable of the sticker or resealable flip up tab (6). The sticker (6) may represent a tear off or peel up tag. The spout of the coffee cup is preferably at an end opposite to the cavity or indented portion (5).

The present invention may be used to store items in other disposable or reusable containers including burger boxes, potato chip packets, pizza boxes, food containers and the like as shown in Figures 2, 3 and 4.

Figure 2 shows a modified disposable burger box (7) as an embodiment of the present invention. The cavity in the box (7) is placed on the top portion of the box in this embodiment.

Figure 3 shows a modified disposable chip packet (8) as an embodiment of the present invention. The cavity in the packet (8) is placed on the top portion of the box in this embodiment.

Figure 4 shows a modified disposable pizza box (9) as an embodiment of the present invention. The cavity in the box (10) is placed on the top portion of the box in this embodiment.

Figure 5 shows a modified disposable or reusable food container (11) as an embodiment of the present invention.

Optionally, the modified coffee cup (1) comprises a spill recess portion (3).

Furthermore, optionally, the coffee cup (1) comprises of a second layer just around the indented portion where the confectionary, pharmaceutical or vitamin is stored.

The second layer is designed to accommodate an air cavity around the indented portion below the coffee cup lid. This extra layer helps with stacking the lids, so

there is no extra pressure placed onto the sticker which could cause them to mark or peel off. The second layer is preferably about 1 to 3 mm larger than the indented section where the confectionary etc is stored to allow an air cavity, thereby providing an insulation effect to any heat generated by the hot beverage. Preferably, the
5 second layer is glued to the underside of the coffee cup lid.

Having the removable sticker or resealable flip up tab on top of the article such as a food container or a coffee cup according to the present invention has advantages of easy access and more aesthetic appearance.

While considerable emphasis has been placed herein on the specific features of the
.0 preferred embodiment, it will be appreciated that many additional features can be added and that many changes can be made in the preferred embodiment without departing from the principles of the disclosure. These and other changes in the preferred embodiment of the disclosure will be apparent to those skilled in the art from the disclosure herein, whereby it is to be distinctly understood that the foregoing
.5 descriptive matter is to be interpreted merely as illustrative of the disclosure and not as a limitation.

Claims

The claims defining the invention are as follows:

Claim 1

5 An article for storing items comprising a cavity or indented portion to store an item such as a piece(s) of confectionery, pharmaceutical or vitamin item and a sticker or resealable flip up tab which exposes the stored item upon removable of the sticker.

Claim 2

.0 An article for storing items comprising a coffee cup, a cup lid, a main recess portion in the lid such as a cavity or indented portion to store a confectionery item such as a mint or piece of gum and a sticker or resealable flip up tab which exposes the stored item upon removable of the sticker or resealable flip up tab.

Claim 3

The article according to claims 1 or 2 wherein the stored item includes food, confectionary, pharmaceuticals or vitamins and the like.

15 Claim 4

The article according to any one of claims 1 or 3 wherein the article is a container such as a disposable or reusable coffee cup, burger box, chip packet, pizza box and disposable or reusable food container.

Claim 5

20 The article according to any one of claims 1 to 4 wherein the cavity or indented portion is located at the top section of the container.

Editorial Note

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There are 25 pages of drawings only

PLEASE NOTE:
 FOR ILLUSTRATION OF
 CONCEPT, THE CUP AND LID
 SIZE SHOWN IS THE 8oz SIZE,
 HOWEVER THE CONCEPT
 APPLIES TO ALL SIZE COFFEE
 CUPS, LIDS

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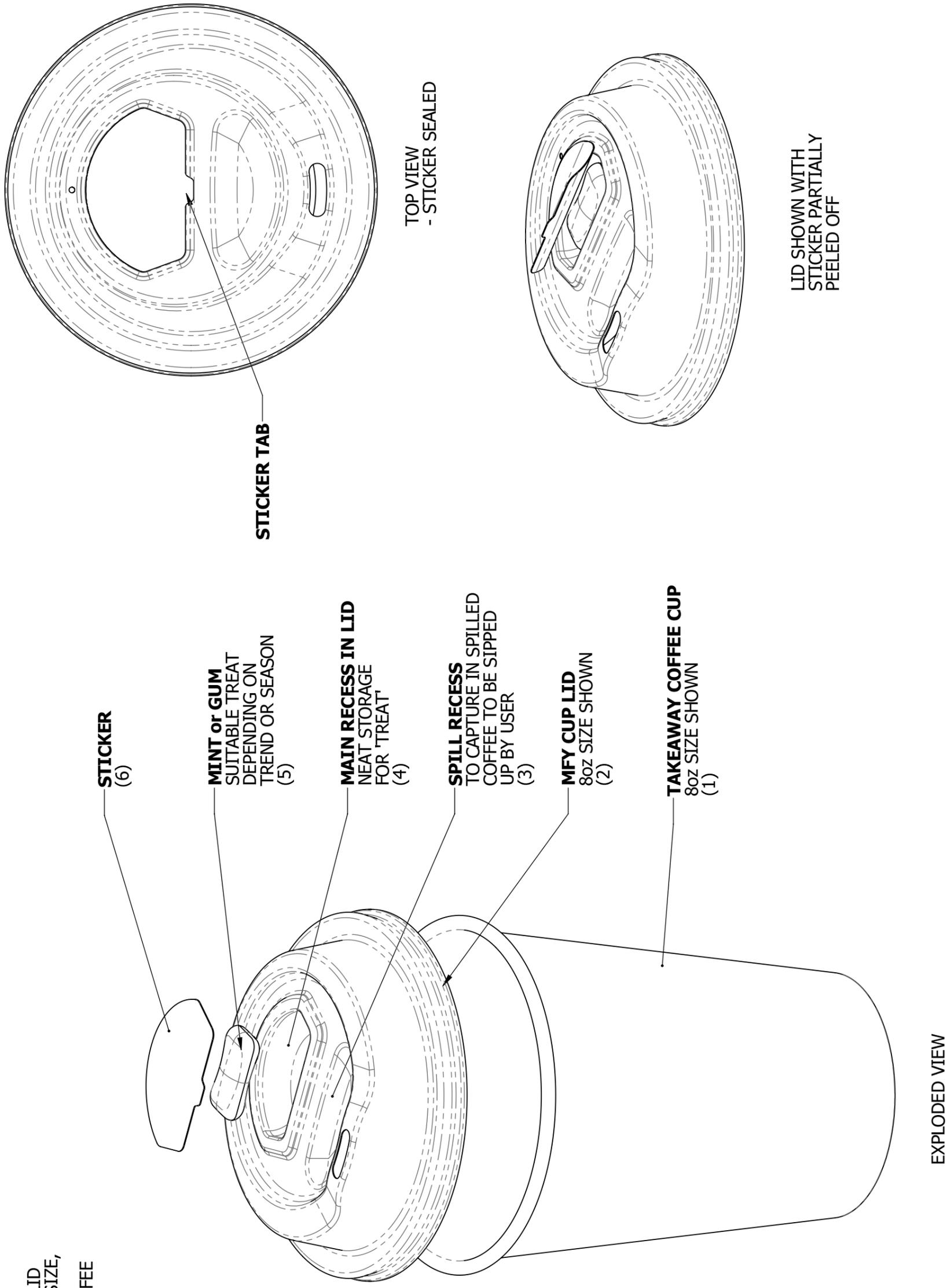


Figure 1

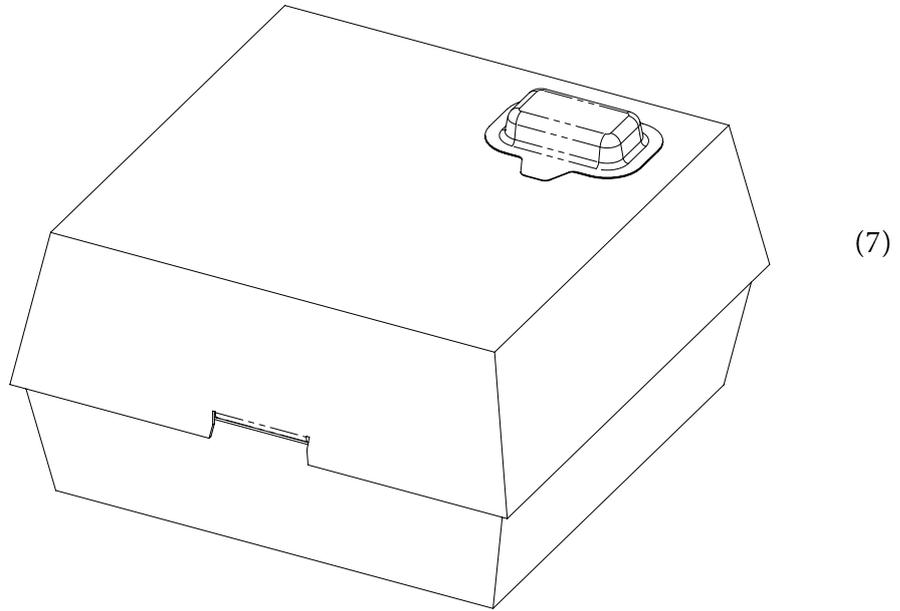
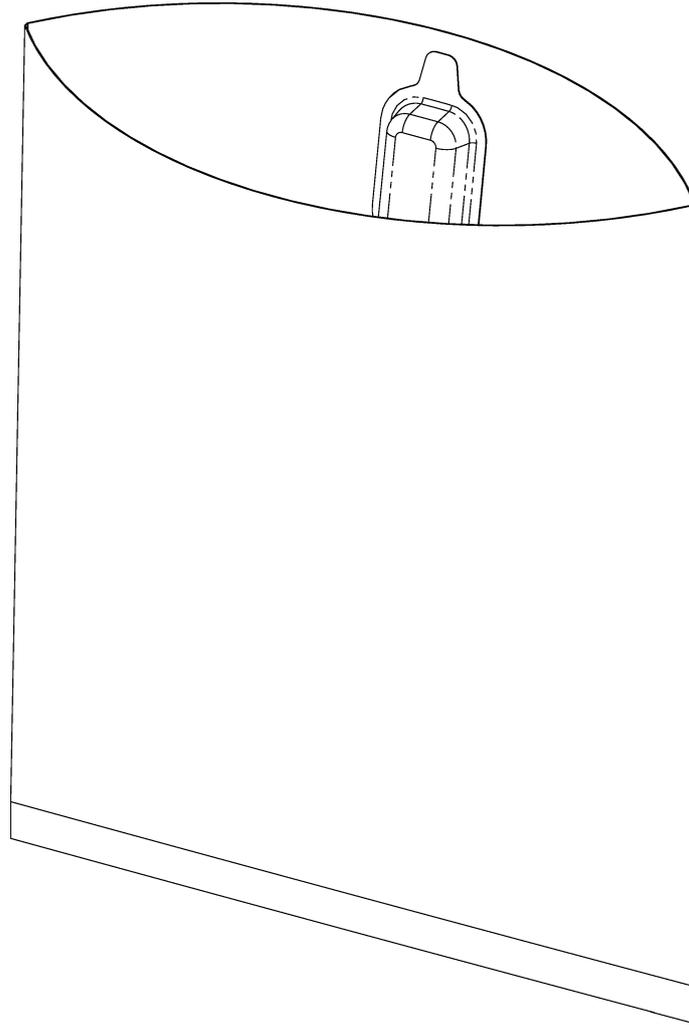


Figure 2

3D VIEW FROM ABOVE



(8)

Figure 3

3D VIEW FROM ABOVE

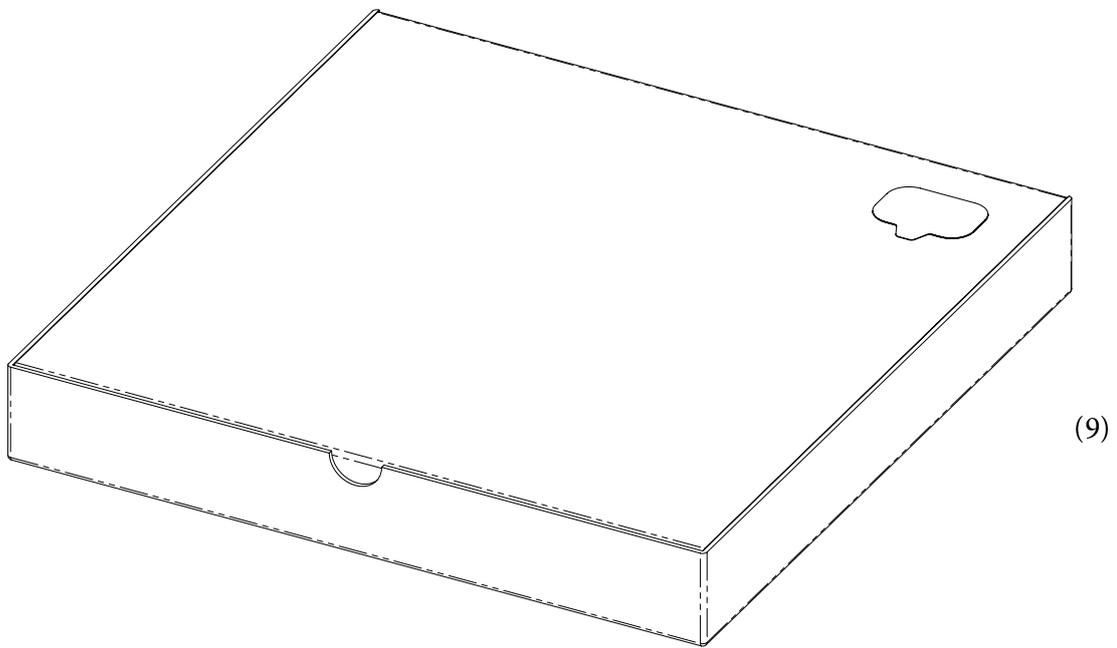


Figure (4)

3D VIEW FROM ABOVE

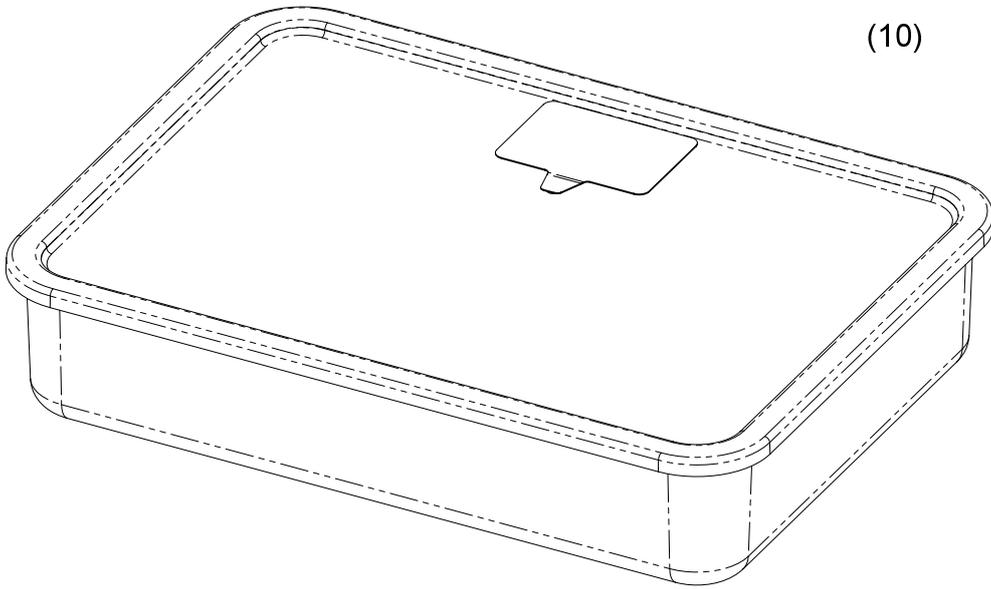
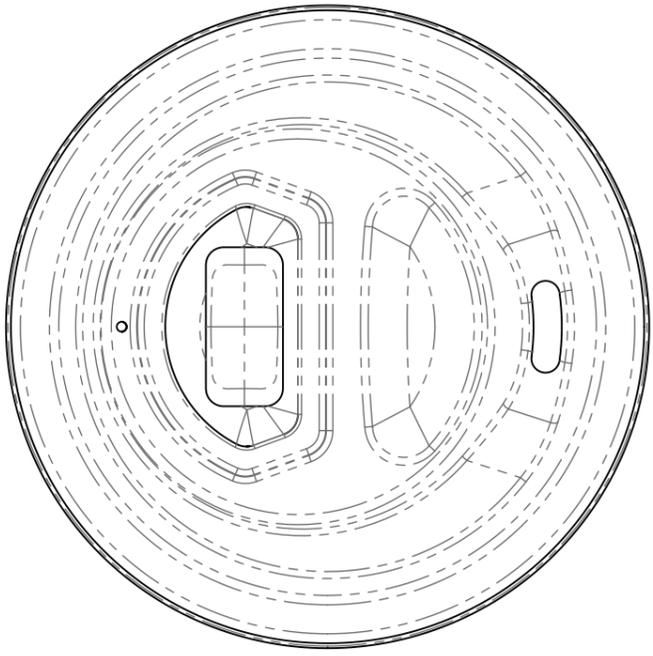
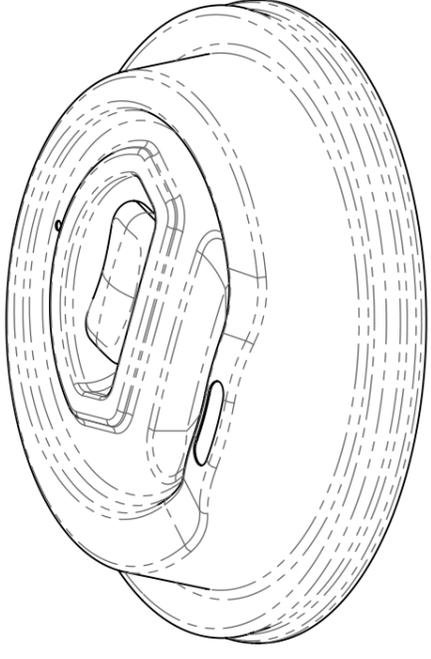


Figure 5

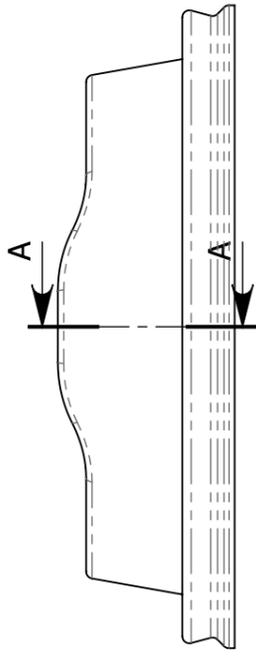
3D VIEW FROM ABOVE



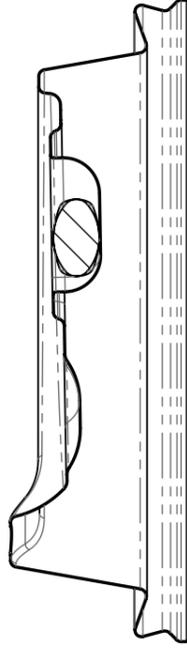
TOP VIEW



LID WITH MINT
- STICKER NOT SHOWN

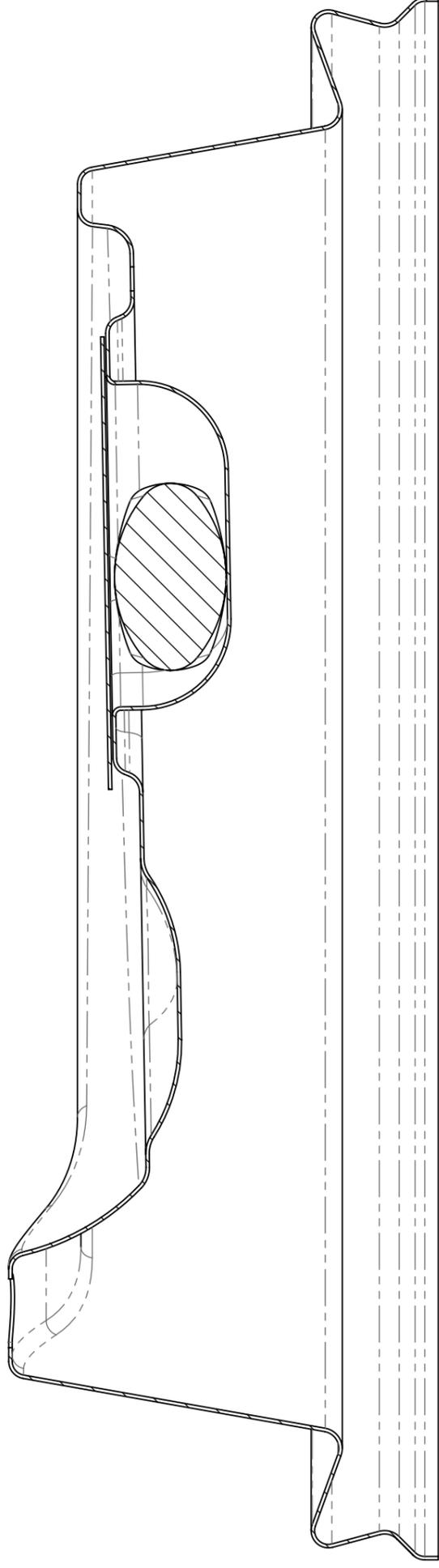


FRONT VIEW



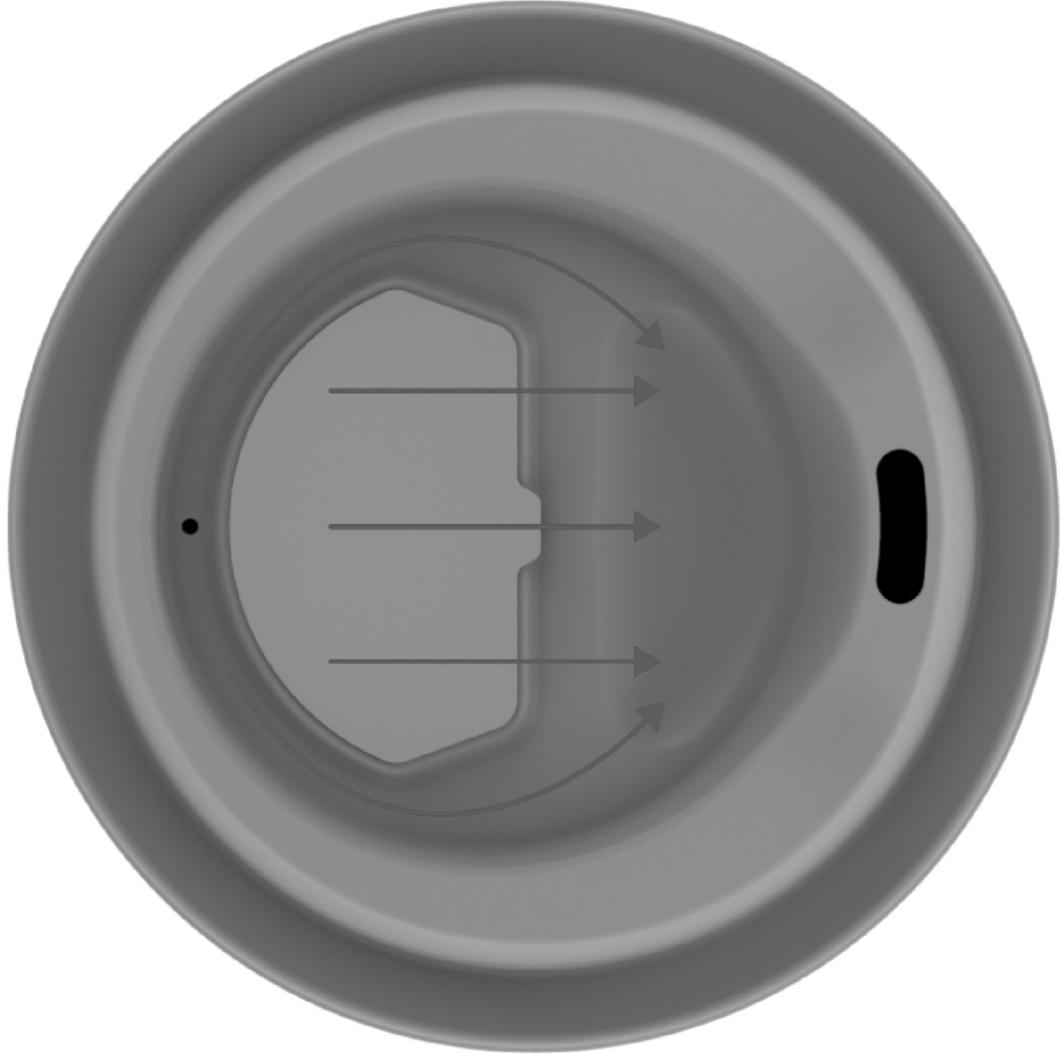
SECTION A-A

Figure 6



SECTION B-B

Figure 7



SPIILLED LIQUID WILL FLOW BACK TO FRONT COLLECTION SCOOP

Figure 8

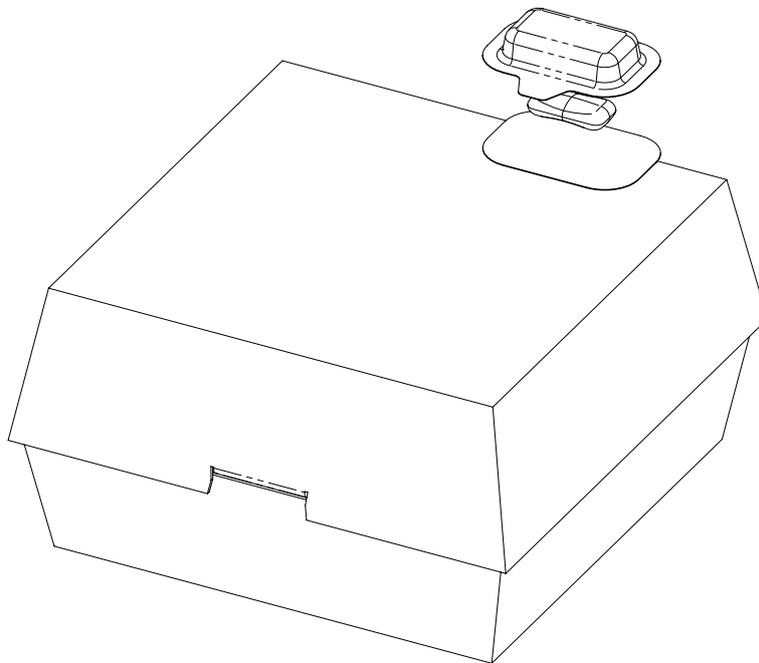


Figure 9

EXPLODED VIEW

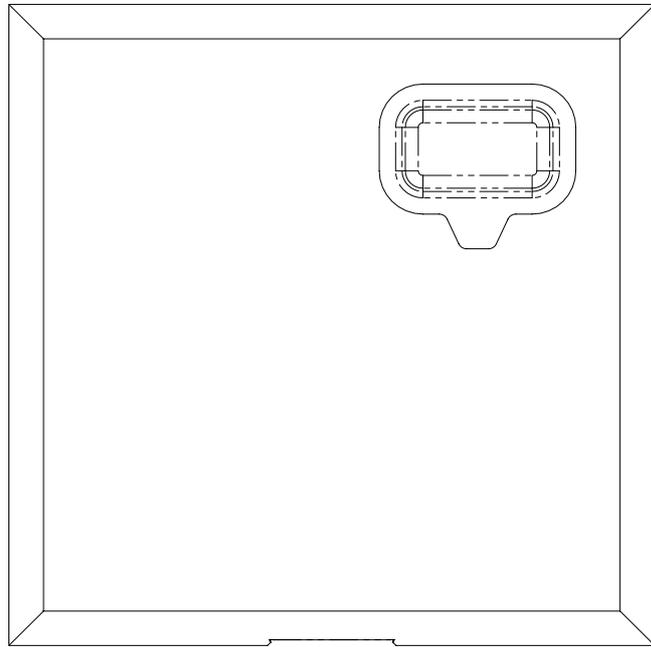
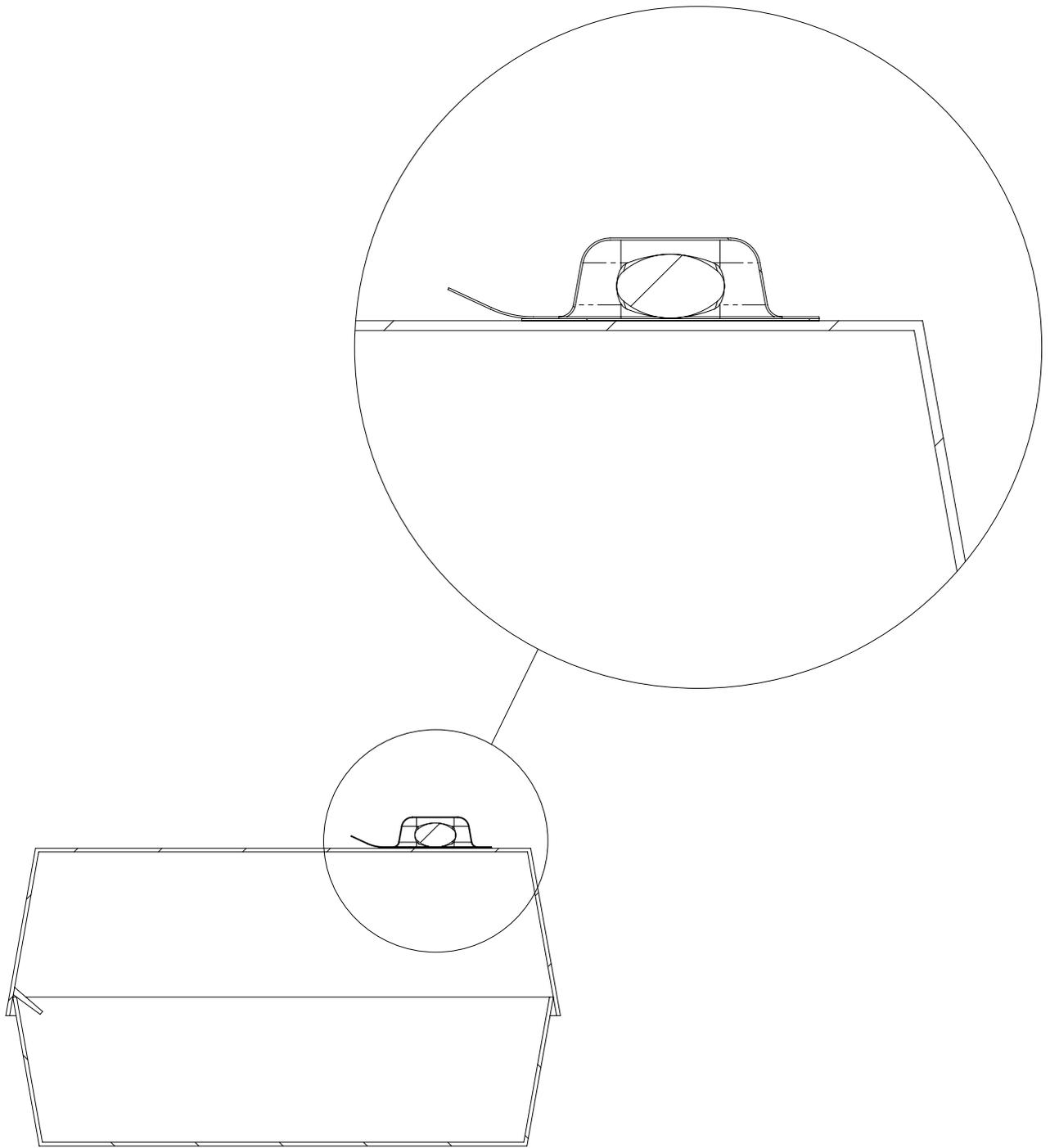


Figure 10

TOP VIEW



SECTIONAL SIDE VIEW
+ CLOSEUP DETAIL WITH
FOIL STICKER PEELING BACK

Figure 11

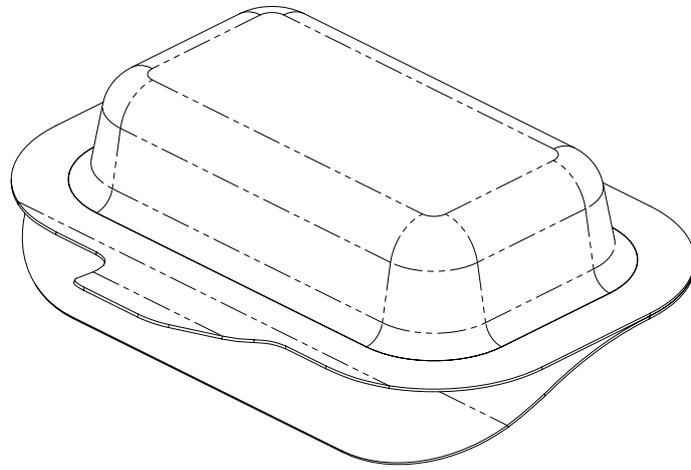


Figure 12

3D VIEW
SEALED TREAT CONTAINER ONLY
(SHOWING BACKING PEELING OFF)

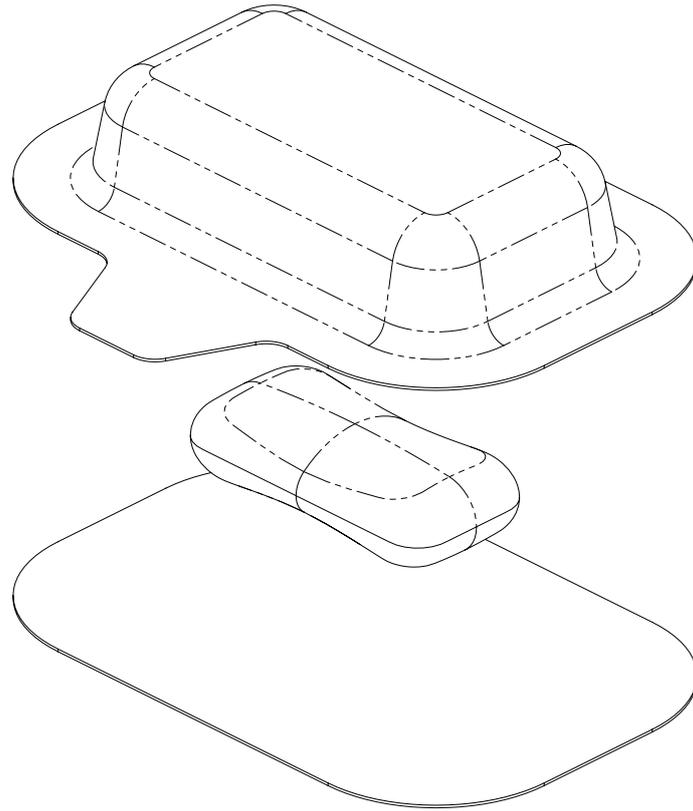


Figure 13

3D EXPLODED VIEW
SEALED TREAT CONTAINER ONLY

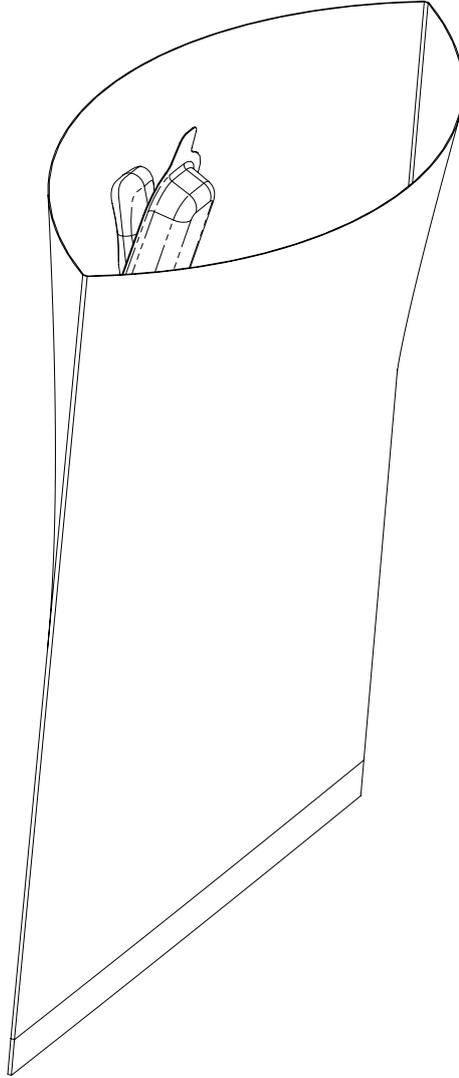
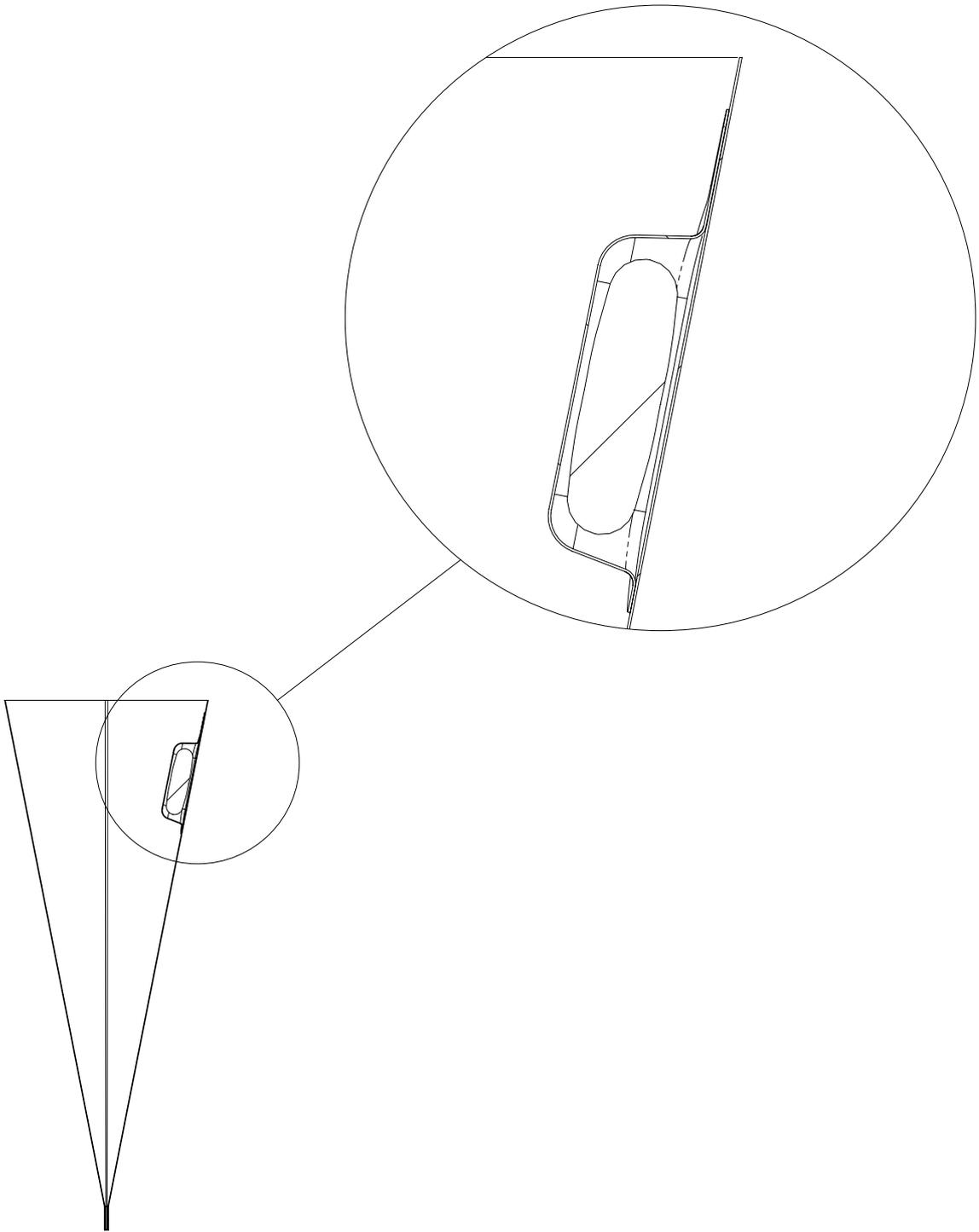


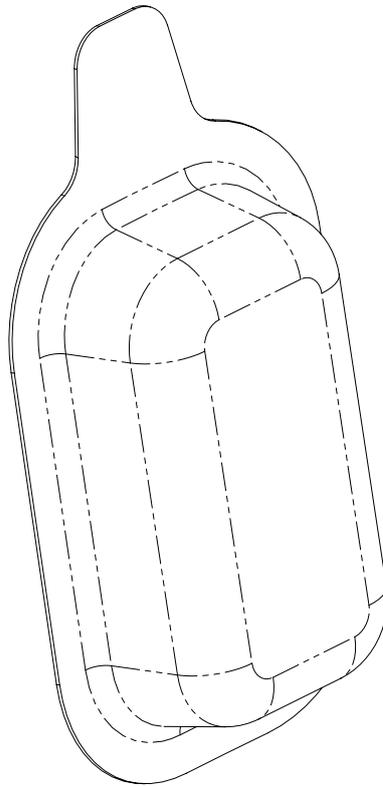
Figure 14

3D SHOWING FOIL
POCKET PEELING OFF
INSIDE OF PACKET



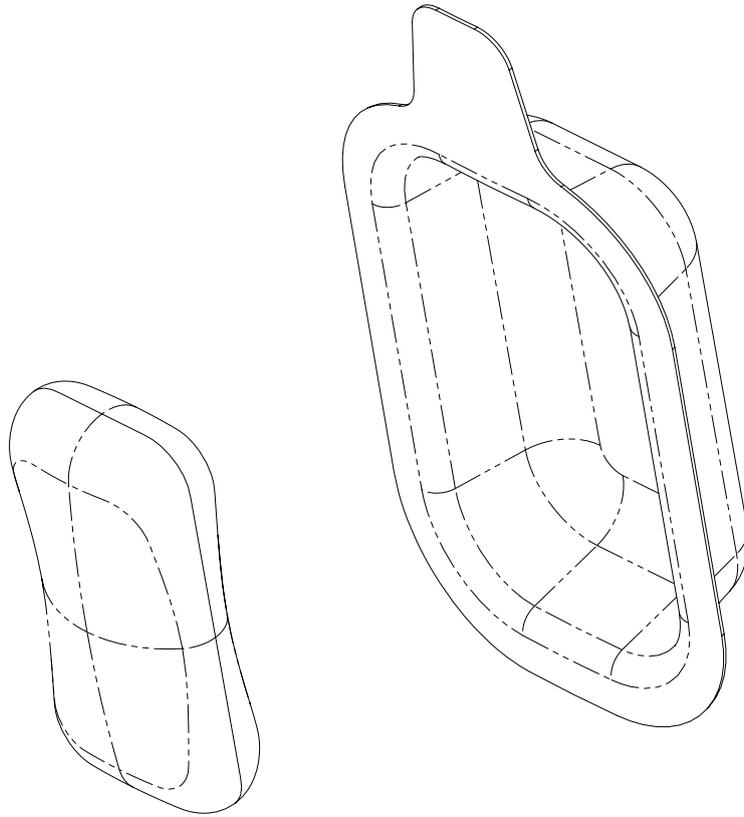
SECTIONAL SIDE VIEW

Figure 15



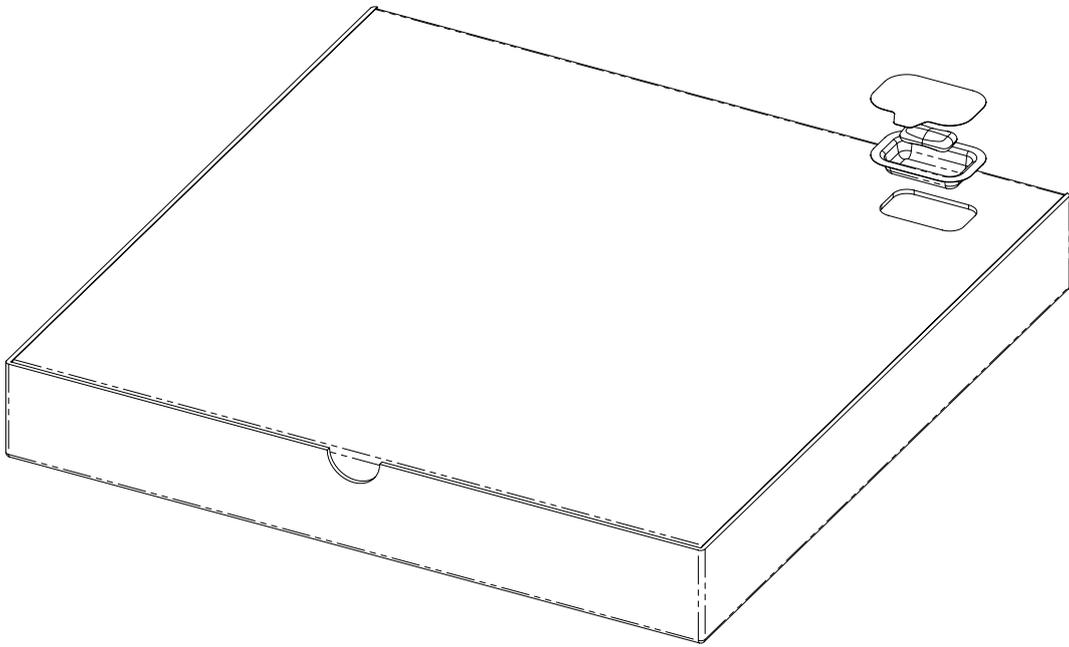
FOIL POCKET SHOWN
WITHOUT CHIP PACKET

Figure 16



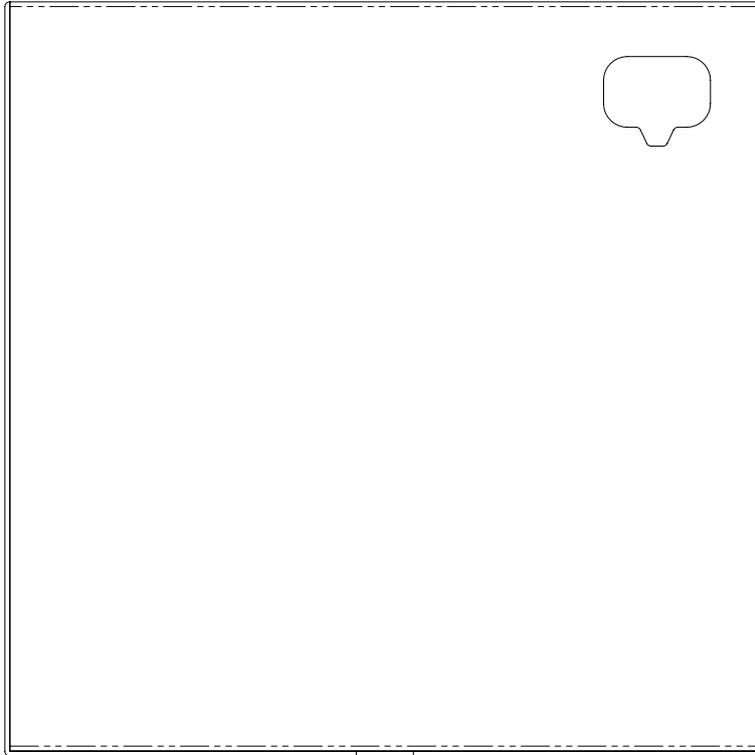
EXPLODED VIEW
FOIL POCKET SHOWN
WITHOUT CHIP PACKET

Figure 17



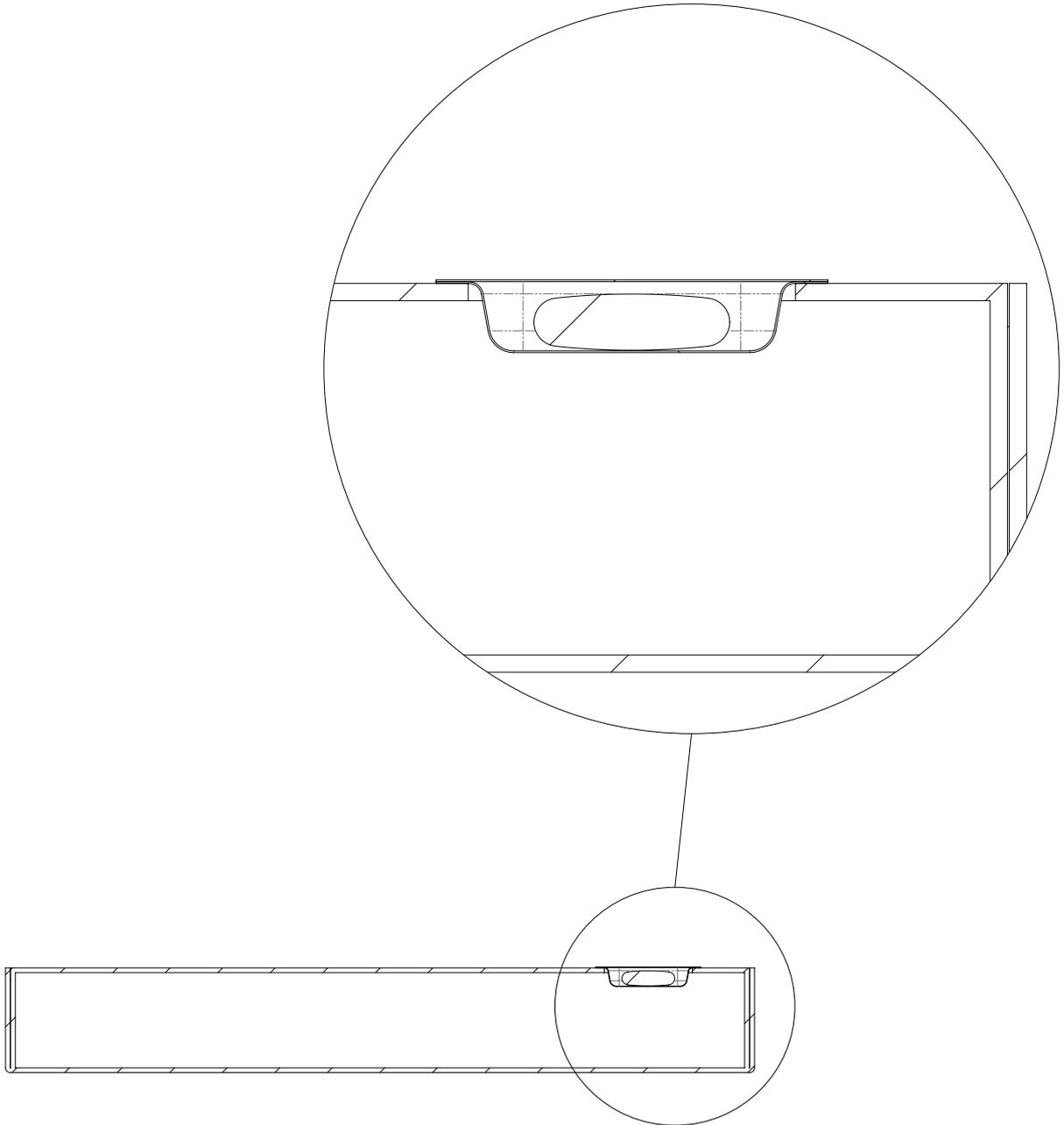
EXPLODED VIEW

Figure 18



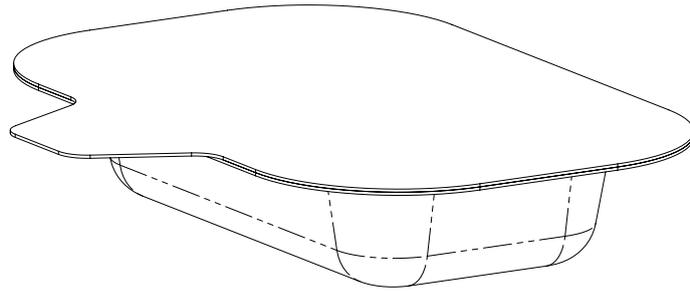
TOP VIEW

Figure 19



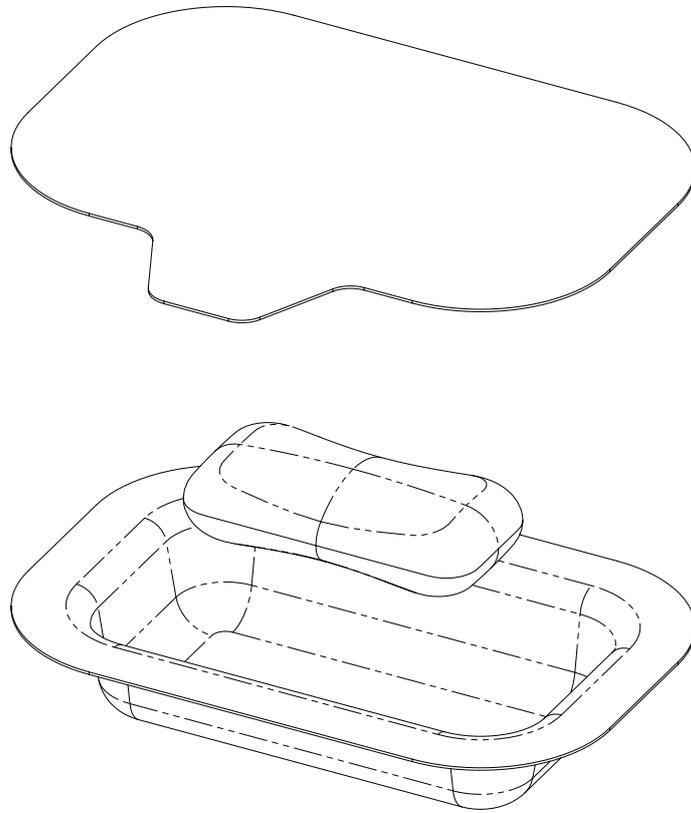
SECTIONAL SIDE VIEW
+ CLOSEUP DETAIL

Figure 20



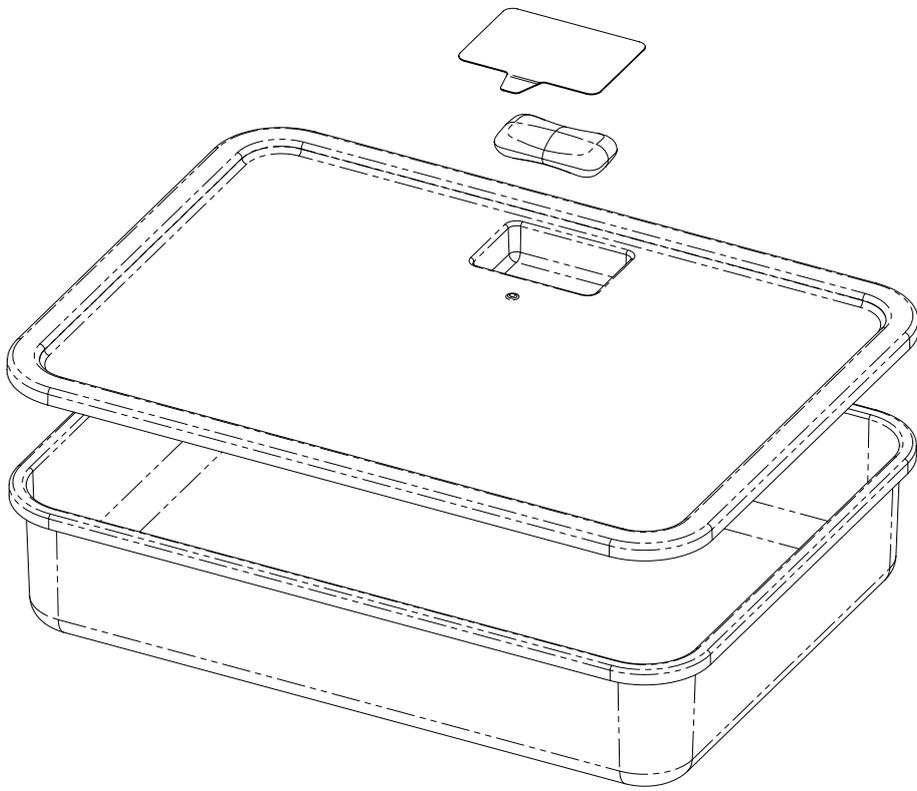
3D VIEW
SEALED TREAT CONTAINER ONLY
(SHOWING BACKING PEELING OFF)

Figure 21



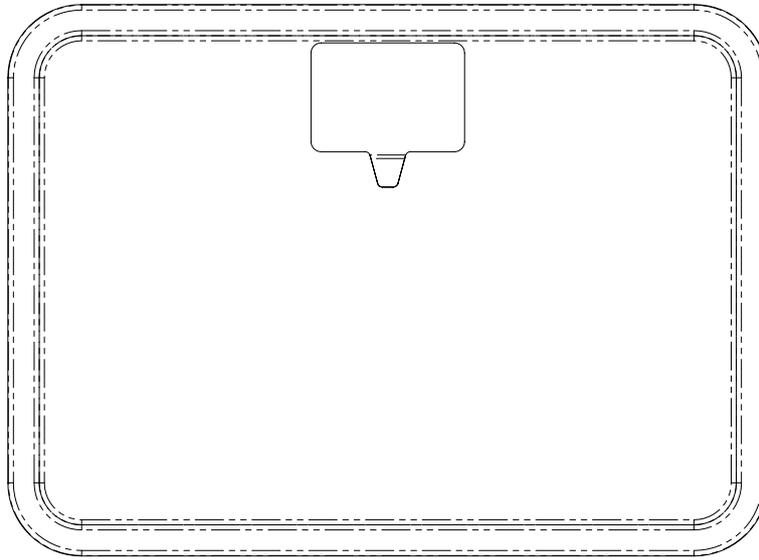
3D EXPLODED VIEW
SEALED TREAT CONTAINER ONLY

Figure 22



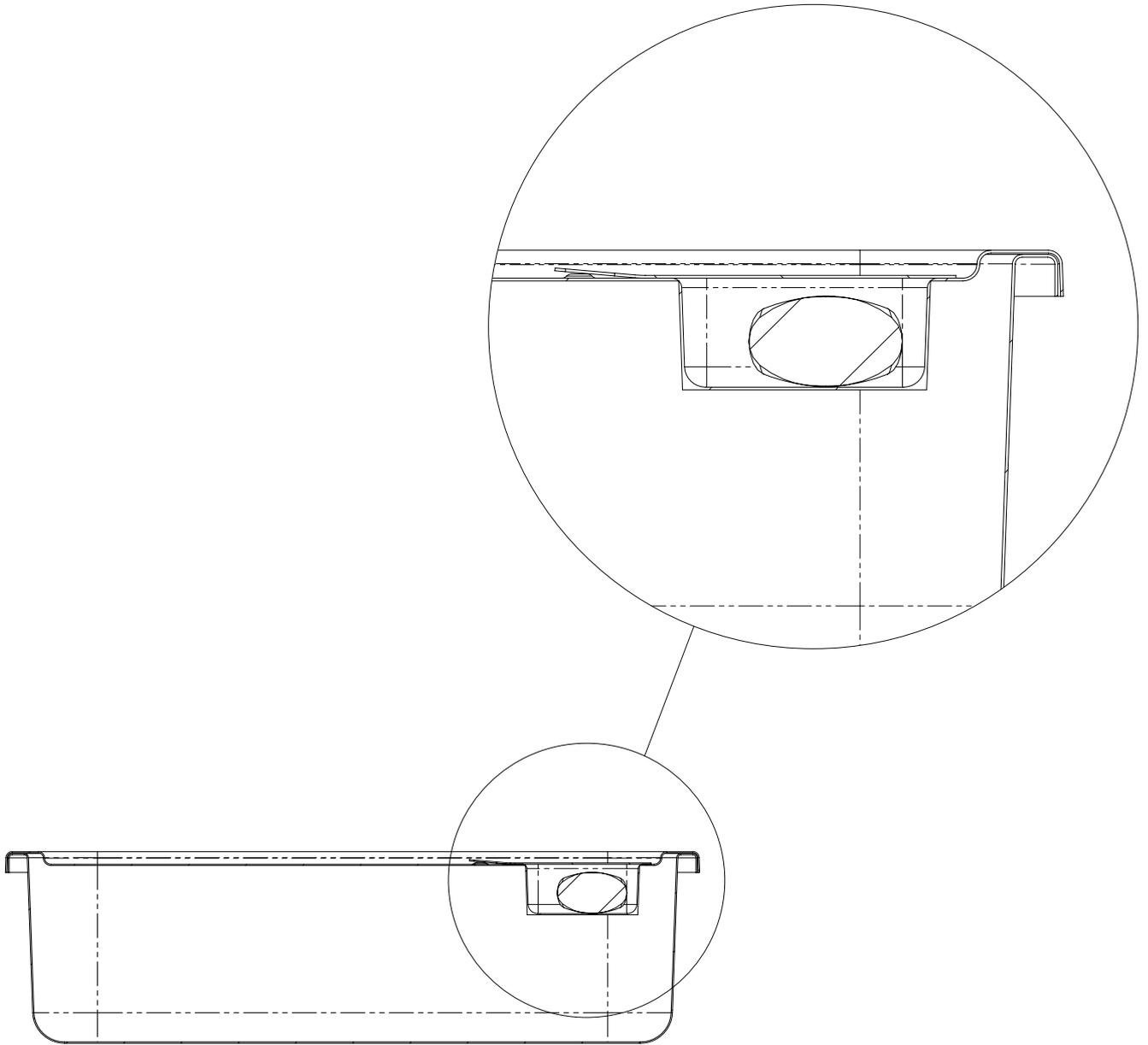
EXPLODED VIEW

Figure 23



TOP VIEW

Figure 24



SECTIONAL SIDE VIEW
+ CLOSEUP DETAIL

Figure 25